TOMO 4.2: REFORZAMIENTO ESTRUCTURAL

INFORME DIAGNÓSTICO

CONTRATO DE CONSULTORÍA 133-2023

CONTRATAR LA CONSULTORÍA TÉCNICA, ADMINISTRATIVA Y JURÍDICA DE LA OBRA EXISTENTE DENOMINADA "PROYECTO MEGABIBILIOTECA" UBICADA EN EL BARRIO JUAN PABLO II CON EL OBJETIVO DE CONOCER EL ESTADO DE LAS INSTALACIONES EXISTENTES, DEFINIR Y PRESUPUESTAR LAS ACCIONES Y OBRAS PARA HABILITAR LA TOTALIDAD DEL PROYECTO Y PONER EN FUNCIONAMIENTO Y OPERACIÓN INTEGRAL CUMPLIENDO LAS NORMAS Y REQUISITOS VIGENTES EN CADA UNO DE SUS COMPONENTES



ALCALDÍA DE FACATATIVA
CUNDINAMARCA
2023

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1. INTRODUCCIÓN

El presente documento de REFORZAMIENTO ESTRUCTURAL; es presentado por INDESCO SAS BIC, en cumplimiento de los compromisos para la ejecución del contrato: de consultoría 133 de 2023 cuyo objeto es "CONTRATAR LA CONSULTORÍA TÉCNICA, ADMINISTRATIVA Y JURÍDICA DE LA OBRA EXISTENTE DENOMINADA "PROYECTO MEGABIBILIOTECA" UBICADA EN EL BARRIO JUAN PABLO II CON EL OBJETIVO DE CONOCER EL ESTADO DE LAS INSTALACIONES EXISTENTES, DEFINIR Y PRESUPUESTAR LAS ACCIONES Y OBRAS PARA HABILITAR LA TOTALIDAD DEL PROYECTO Y PONER EN FUNCIONAMIENTO Y OPERACIÓN INTEGRAL CUMPLIENDO LAS NORMAS Y REQUISITOS VIGENTES EN CADA UNO DE SUS COMPONENTES"; describe las generalidades del componente de reforzamiento estructural del proyecto mencionado ubicado en el municipio de Facatativá, Cundinamarca, de tal forma que cumplan con los requisitos de seguridad y uso según la NSR-10.

El análisis sísmico fue elaborado mediante el método de análisis dinámico elástico espectral el cual fue modelado y desarrollado con el Software ETABS.

Se tomaron como variables principales la información obtenida a partir del levantamiento topográfico, levantamiento estructural, estudio de patología, planos estructurales del diseño estructural inicial, y toda la información complementaria compartida para el objeto del reforzamiento estructural. En el caso del estudio geotécnico se toma como principal dato para prever un buen comportamiento de la estructura la capacidad portante del suelo, comportamiento dinámico y datos sísmicos del suelo.

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2. OBJETIVOS

2.1. GENERAL

Realizar el reforzamiento estructural del Auditorio, determinando los parámetros adoptados, las normas técnicas utilizadas y los métodos de análisis.

2.2. ESPECÍFICOS

- Elaborar la modelación matemática de la edificación en un software especializado con base en la información suministrada.
- Realizar el reforzamiento estructural de los elementos que conforman la estructura sismo resistente de la edificación en mención de acuerdo con lo estipulado en la NSR.10
- Presentar planos del reforzamiento de la edificación en mención.

3. LOCALIZACIÓN DEL PROYECTO

La estructura del Auditorio se encuentra ubicado en la transversal 10 con la diagonal 5 este, del barrio Juan Pablo II.

Ilustración 1 Ubicación Estructura Auditorio



Fuente. Adaptado de Google Maps, julio 2023.

4. DESCRIPCIÓN

DESCRIPCIÓN GENERAL

La estructura en estudio correspondiente al Auditorio, el cual cuenta con 3 niveles, altura máxima de 12.10 m y la cual se encuentra en obra negra y en estado de abandono.

SISTEMA ESTRUCTURAL

El sistema estructural es combinado entre muros de carga y pórticos resistentes a momentos en concreto reforzado, con entrepisos y cubiertas en placa aligerada.

SOFTWARE DE DISEÑO

ETABS V 20.0.0.

NIVEL DE AMENAZA SISMICA Y CAPACIDAD DE DISIPACION DE ENERGIA

El proyecto está ubicado en zona de amenaza sísmica intermedia y el grado de disipación de energía es moderado (DMO).

CAPACIDAD PORTANTE DEL SUELO

La capacidad portante del suelo es de 14.7 T/m2.

MÉTODO DE DISEÑO

- Resistencia Ultima
- Análisis Dinámico Elástico

5. MARCO LEGAL

- Reglamento Colombiano de Construcción Sismo Resistente NSR-10 – AIS. 2010.

6. METODOLOGÍA

A. En primera instancia tomando como base el levantamiento estructural, se ubican los elementos correspondientes a las columnas y muros que hacen parte del sistema de resistencia sísmica y se comparan con los planos de diseño inicial con la finalidad de determinar la geometría y excentricidades de estos elementos para definir e ingresar dicha información en el modelo matemático. En relación a las alturas, se definen de igual modo con base en la información contrastada entre el levantamiento y el diseño estructural inicial.

B. Según los resultados obtenidos en el estudio de patología, se toman los 9 ensayos realizados en esta estructura y se asignan a dichos elementos en el modelo matemático. Por otra parte, se define la resistencia a la compresión de los demás elementos con base en la resistencia obtenida promedio según el tipo de elemento, y se considera un aumento del 25% en este valor, el cual se compara con el promedio de las resistencias y la resistencia de diseño que es de 24 MPa, tomando el valor mas desfavorable entre estos dos para asignar en el modelo matemático. Se define el concreto reforzado con una densidad de 2.4 T/m3 y un módulo de Elasticidad de 3900 * √f´c para valores medios sin distinguir el tipo de agregado.

C. Se define que el esfuerzo de fluencia del acero (Fy) corresponde a 420 MPa. El módulo de elasticidad del acero se toma como 200000 MPa.

D. Se define los elementos según el procedimiento descrito en el numeral A. En lo referente a la losa se define tipo Membrane para que únicamente transmita cargas a las vigas sin generar rigidez a la estructura principal, y adicionalmente no se le contempla masa ni peso para que la carga se le sea asignada como sobre impuesta.

E. Se hace una revisión del avalúo de cargas correspondientes a cargas muertas y vivas. Asignación de cargas muertas y vivas. Así como el análisis sísmico de acuerdo con los parámetros sísmicos, cálculo del espectro de diseño y luego las fuerzas sísmicas y los momentos torsores por excentricidad según definición del espectro y las definiciones realizadas para el análisis dinámico.

F. De acuerdo con lo anterior se realizó el chequeo por derivas.

G. A continuación se realizó la verificación por irregularidad torsional, así como se revisan las irregularidades en planta y en altura.

H. Luego se realizó el chequeo del diseño de la estructura, según las disposiciones y requisitos de la NSR-10. Para lo cual se adicionan las combinaciones correspondientes: Combinaciones de Cortante en columnas y muros multiplicadas por Ωo y divida entre el R, para cortante en vigas se multiplica por 2 y se divide entre R, y para diseño a flexión y flexo compresión dividido entre R.
I. Finalmente se diseñó la cimentación de acuerdo a la NSR10, chequeando el esfuerzo admisible en las cimentaciones con base en las cargas de servicio, para posteriormente diseñar por el método de resistencia ultima.
Más adelante se presenta el diseño estructural de cada uno de los elementos, de acuerdo con las solicitaciones previstas.
El diseño se realizó de acuerdo con los requisitos que presenta el NSR-10.

7. DIMENSIONAMIENTO

De acuerdo con un primer análisis, se requiere diseñar un muro en el eje E1 en sentido Y para rigidizar la estructura y dar cumplimiento al Capitulo A.6-Requisitos de la Deriva de la NSR-10. Por resistencia ultima se requiere aumentar las secciones de algunas columna y muros por cuantías de acero transversal y longitudinal mayores a las existentes.

8. COEFICIENTE DE IMPORTANCIA DE LA CONSTRUCCIÓN

Según el numeral A.2.5.2 de la NSR-10, se da la clasificación del edificio teniendo en cuenta el uso para su estructura, por ende:

Tabla 1. Valores del coeficiente de importancia

Tabla A.2.5-1
Valores del coeficiente de importancia,

Grupo de Uso	Coeficiente de Importancia, I
IV	1.50
III	1.25
II	1.10
I	1.00

Fuente. Tabla A.2.5-1. NSR-10

9. MATERIALES

Para el proyecto en cuestión se tendrán en cuenta los siguientes parámetros con respecto a los materiales a ser utilizados.
Elementos de Concreto Reforzado:
Concreto: Con base en los ensayos tomados en el estudio de patología, la resistencia a la compresión tomada para los elementos se presenta en los siguientes cuadros.

Tabla 2. Ensayos Realizados de Compresión en Núcleos y Compresión en Cubos en Estructura de Auditorio

Ensayo	No Muestra	Elemento	Resistencia a la compresión (MPa)
Compresión en Núcleos	1	ZAPATA A1	24.1
	2	PANTALLA1	13.6
	3	PANTALLA2	13.2
	6	COLUMNA A3	17.6
	7	PISO 2 / PLACA ENTRE EJES 2 Y 3	13.5
	8	No se evidencia	
	9	PISO 2 / VIGA QUE UNE COLUMNAS A1 Y A2	23.5
Compresión en Cubos	12	Viguetas	16.63
	13	Viguetas	15.33

Fuente. Informe Tomo 4.1 Patologías Estructurales. Anexo 2 Ensayo de resistencia a la compresión

Tabla 3. Resistencia a la compresión en elementos que no cuentan con ensayo

Elementos	Resistencia a la compresión en el modelo (MPa)
Columnas (MPa)	20.8

Pantallas (MPa)	16.75
Vigas (MPa)	23.75
Viguetas (MPa)	19.98
Losa (MPa)	16.88
Cimentación (MPa)	24.05

Fuente. Elaboración INDESCO SAS BIC, julio 2023

Acero de refuerzo: El acero de refuerzo será de alta resistencia, es decir con un esfuerzo a la fluencia de 420 MPa, y un esfuerzo a la tensión de 550 MPa, El módulo de elasticidad del acero se toma como 200000 MPa.

10. ANÁLISIS SÍSMICO

El lugar de construcción está ubicado en el Municipio de Facatativá Departamento de Cundinamarca, ubicado en la zona clasificada de acuerdo al Título A en el apéndice A4 como amenaza sísmica intermedia. (DMO)
Por su ubicación y la información del estudio de suelos se identifica que la edificación esta sobre el tipo de suelo catalogado como tipo "E" para el cual se consideran que:
Aa = 0.15
Av = 0.20
Fa = 2.10
Fv = 3.20

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ESPECTRO DE DISEÑO NSR-10

TIPO DE ANÁLISIS	=	ANÁLISIS DINÁMICO
CLASIFICACIÓN DEL SUELO	=	E
GRUPO DE USO	=	II
COEFICIENTE DE IMPORTANCIA I	=	1.1
ACELERACIÓN PICO EFECTIVA (A_a)	=	0.15
VELOCIDAD PICO EFECTIVA (A_v)	=	0.2
Coeficiente de Amplificación Fa	=	3.2
Coeficiente de amplificacíon Fv	=	2.1
ALTURA EDIFICIO	=	12.10 m

SISTEMA ESTRUCTURAL DIRECCIÓN X = A Porticos resistentes a momento de concreto reforzado

C_t=	0.047	Tabla A.4.2-1	Ta=Ct*(hn)^a=	0.44 seg
a=	0.9	Tabla A.4.2-1	CuTa=	0.55 seg

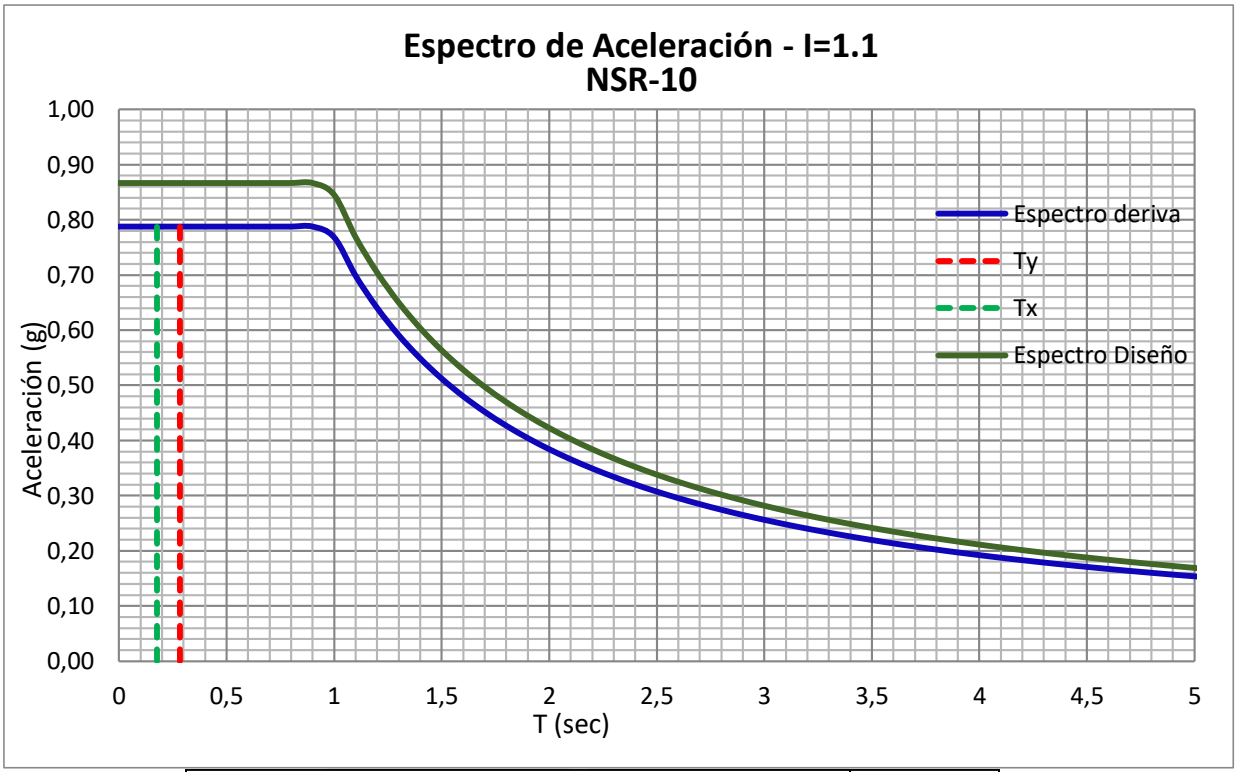
SISTEMA ESTRUCTURAL DIRECCIÓN Y = A Porticos resistentes a momento de concreto reforzado

C_t=	0.047	Tabla A.4.2-1	Ta=Ct*(hn)^a=	0.44 seg
a=	0.9	Tabla A.4.2-1	CuTa=	0.55 seg
Cu=	1.246	A.4.2-2		

Periodo Est. (Modelo) Tx:	0.175 seg	Periodo Est. Tx:	0.175 seg
Periodo Est. (Modelo)Ty:	0.283 seg	Periodo Est. Ty:	0.283 seg

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Ilustración 2. Comparativo Espectro de diseño y de derivas

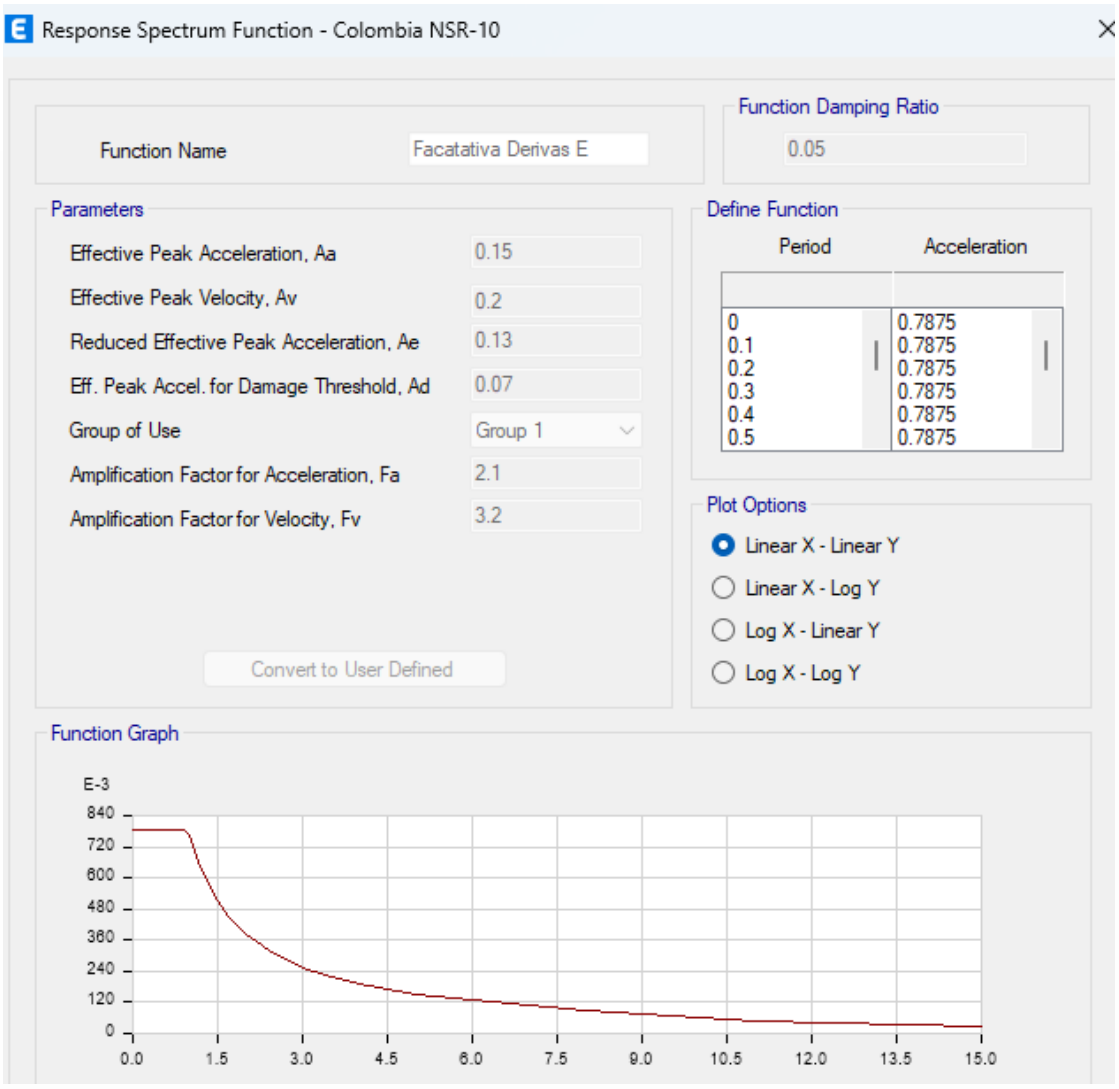


Periodo Corto Tc:	0.98 seg
Periodo Largo TL:	7.68 seg
Aceleración espectral - Derivas Sax: Tx =0.18seg	0.7875 (g)
Aceleración espectral - Derivas Say: Ty =0.28seg	0.7875 (g)
Aceleración espectral - Diseño (R=1) Sax: Tx =0.18seg	0.8663 (g)
Aceleración espectral - Diseño (R=1) Say: Ty =0.28seg	0.8663 (g)

Fuente. Elaboración INDESCO SAS BIC, julio 2023

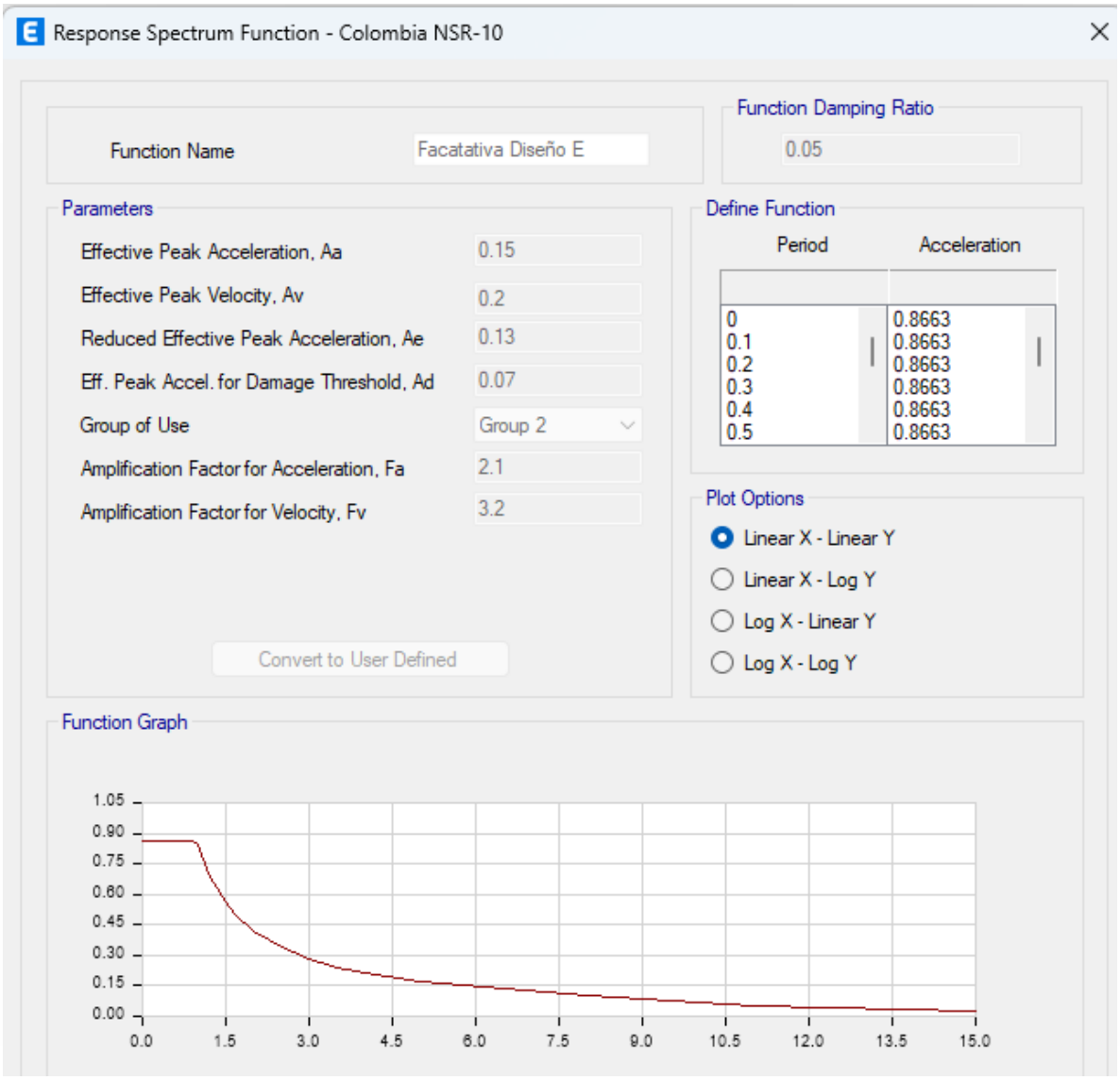
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Ilustración 3. Función de Espectro de Aceleración para Derivas



Fuente. Elaboración INDESCO SAS BIC, julio 2023

Ilustración 4 Función de Espectro de Aceleración para Diseño en software de diseño



Fuente. Elaboración INDESCO SAS BIC, julio 2023

TABLE: Story Data

Name	Height	Elevation	Master Story	Similar To	Splice Story
	m	m			
N+12.10	1.67	12.1	No	None	No
N+10.43	2.99	10.43	No	None	No
N+7.44	3.37	7.44	No	None	No
N +4.07	4.07	4.07	No	None	No
Base		0			

TABLE: Mass Summary by Story

Story	UX	UY	UZ
	tonf-s²/m	tonf-s²/m	tonf-s²/m
N+12.10	31.30309	31.30309	0
N+10.43	9.72849	9.72849	0
N+7.44	35.71325	35.71325	0
N +4.07	55.88918	55.88918	0
Base	7.41983	7.41983	0

TABLE: Modal Participating Mass Ratios

Case	Mode	Period	UX	UY	UZ	SumUx	SumUy	SumUz	RX	RY	RZ	Sum RX	Sum RY	Sum RZ
		sec												
Modal	1	0.355	0.0824	0.3	0	0.0824	0.3	0	0.1749	0.0815	0.3101	0.1749	0.0815	0.3101
Modal	2	0.283	0.0882	0.3967	0	0.1706	0.6967	0	0.2388	0.0781	0.2267	0.4137	0.1596	0.5368
Modal	3	0.142	0.573	0.0004	0	0.7436	0.6971	0	0.0036	0.2109	0.2024	0.4174	0.3705	0.7392
Modal	4	0.092	0.041	0.1144	0	0.7846	0.8115	0	0.206	0.031	0.1254	0.6234	0.4015	0.8646
Modal	5	0.061	0.0501	0.1411	0	0.8347	0.9526	0	0.2588	0.1037	0.0561	0.8822	0.5052	0.9207
Modal	6	0.046	0.1517	0.007	0	0.9864	0.9596	0	0.0147	0.4527	0.039	0.8969	0.9579	0.9597
Modal	7	0.039	3.06E-05	0.0134	0	0.9865	0.973	0	0.0365	0.0003	0.0243	0.9334	0.9582	0.984
Modal	8	0.029	0.0014	0.001	0	0.9879	0.974	0	0.0025	0.0041	4.82E-05	0.9359	0.9623	0.984
Modal	9	0.027	0.0039	0.0183	0	0.9918	0.9923	0	0.0453	0.0129	0.0058	0.9812	0.9752	0.9898
Modal	10	0.024	0.0081	0.0051	0	0.9999	0.9974	0	0.0123	0.0244	0.0081	0.9935	0.9995	0.998
Modal	11	0.021	0.0001	0.0023	0	1	0.9997	0	0.0056	0.0004	0.0018	0.9991	0.9999	0.9998
Modal	12	0.02	9.29E-06	3.76E-05	0	1	0.9997	0	0.0001	2.10E-05	2.97E-05	0.9992	0.9999	0.9998

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CALCULO DE LA FUERZA HORIZONTAL EQUIVALENTE A.4

DIRECCIÓN X

Sistema estructural: A Porticos resistentes a momento de concreto reforzado

Aa=	0.15			Ct=	0.047	Tabla A.4.2-1
Av=	0.2		0.35	α=	0.9	Tabla A.4.2-1
Fa=	3.20		0.3	Cu=	1.246	(A.4.2-2)
Fv=	2.10			Ta=Ct*(hn)$^{\alpha}$=	0.44	seg
I=	1.10			C_uT_a=	0.55	seg
			33.10			
T_{modelo}=	0.175	seg		Sa =	0.7875	
$T_{diseño}$=	0.175	seg		W =	1300.61	tonf
k =	1.00			**Vs =**	**1,024.23**	**tonf**

Piso	h piso	hi	mi (ton)	h^k	mi h^k	Cv	Fi (tonf)	Vi (tonf)
N+12.10	1.67	12.10	306.96	12.10	3714.19	0.39	398.54	398.54
N+10.43	2.99	10.43	95.40	10.43	995.00	0.10	106.77	106.77
N+7.44	3.37	7.44	350.20	7.44	2605.52	0.27	279.58	279.58
N +4.07	4.07	4.07	548.05	4.07	2230.56	0.23	239.34	239.34
		Σ	**1300.61**		**9545.27**	**1.00**	**1024.23**	

CALCULO DE LA FUERZA HORIZONTAL EQUIVALENTE A.4

DIRECCIÓN Y

Sistema estructural: A Porticos resistentes a momento de concreto reforzado

Aa=	0.15			Ct=	0.047	Tabla A.4.2-1
Av=	0.2		0.35	α=	0.9	Tabla A.4.2-1
Fa=	3.20		0.3	Cu=	1.246	(A.4.2-2)
Fv=	2.10			Ta=Ct*(hn)$^{\alpha}$=	0.443	seg
I=	1.10			C_uT_a=	0.552	seg
			33.1			
T_{modelo}=	0.283	seg		Sa =	0.7875	
$T_{diseño}$=	0.283	seg		W =	1300.61	tonf
k =	1.00			**Vs =**	**1,024.23**	**tonf**

Piso	h piso	hi	mi (ton)	h^k	mi h^k	Cv	Fi (tonf)	Vi (tonf)
N+12.10	1.67	12.10	306.96	12.10	3714.19	0.39	398.54	398.54
N+10.43	2.99	10.43	95.40	10.43	995.00	0.10	106.77	505.31
N+7.44	3.37	7.44	350.20	7.44	2605.52	0.27	279.58	784.89
N +4.07	4.07	4.07	548.05	4.07	2230.56	0.23	239.34	1024.23
		Σ	**1300.61**		**9545.27**	**1.00**	**1024.23**	

ANÁLISIS DINÁMICO - AJUSTE MODAL

Numero Pisos:	4	
Numero de Modos del modelo:	12	
% de participación de Masa en x	100%	**OK**
% de participación de Masa en y	100%	**OK**

Comparación Cortantes sísmicas sin ajuste modal

Configuración de la estructura: Irregular

Dirección	W	Sa	Vs [Tonf] (FHE)	Factor cortante	Vs_{min}[Tonf]	Vs [Tonf] (Dinámico)	Factor de ajuste	Estado
X	1300.6	0.7875	1024.23	0.9	921.8	632.8432	1.457	Ajustar
Y	1300.6	0.7875	1024.23	0.9	921.8	582.7960	1.582	Ajustar

Comparación Cortantes sísmicas después de ajuste modal

Dirección	W	Sa	Vs [Tonf] (FHE)	Factor cortante	Vs_{min}[Tonf]	Vs [Tonf] (Dinámico)	Factor de ajuste	Estado
X	1300.6	0.7875	1024.23	0.9	921.8	921.5	1.00	OK
Y	1300.6	0.7875	1024.23	0.9	921.8	921.7	1.00	OK

TABLE: Story Drifts

Story	Load Case/Combo	Direction	Drift	Label	X	Y	Z
					m	m	m
N+12.10	DER1	X	0.003783	46	2.68	-0.22	12.1
N+12.10	DER1	Y	0.004516	48	23.32	-0.24	12.1
N+12.10	DER1	X	0.003522	46	2.68	-0.22	12.1
N+12.10	DER1	Y	0.004386	48	23.32	-0.24	12.1
N+12.10	DER2	X	0.003783	46	2.68	-0.22	12.1
N+12.10	DER2	Y	0.004516	48	23.32	-0.24	12.1
N+12.10	DER2	X	0.003522	46	2.68	-0.22	12.1
N+12.10	DER2	Y	0.004386	48	23.32	-0.24	12.1
N+12.10	DER3	X	0.003783	46	2.68	-0.22	12.1
N+12.10	DER3	Y	0.004516	48	23.32	-0.24	12.1
N+12.10	DER3	X	0.003522	46	2.68	-0.22	12.1
N+12.10	DER3	Y	0.004386	48	23.32	-0.24	12.1
N+12.10	DER4	X	0.003783	46	2.68	-0.22	12.1
N+12.10	DER4	Y	0.004516	48	23.32	-0.24	12.1

N+12.10	DER4	X	0.003522	46	2.68	-0.22	12.1
N+12.10	DER4	Y	0.004386	48	23.32	-0.24	12.1
N+12.10	DER5	X	0.005132	46	2.68	-0.22	12.1
N+12.10	DER5	Y	0.006617	48	23.32	-0.24	12.1
N+12.10	DER5	X	0.00487	46	2.68	-0.22	12.1
N+12.10	DER5	Y	0.006487	48	23.32	-0.24	12.1
N+12.10	DER6	X	0.005132	46	2.68	-0.22	12.1
N+12.10	DER6	Y	0.006617	48	23.32	-0.24	12.1
N+12.10	DER6	X	0.00487	46	2.68	-0.22	12.1
N+12.10	DER6	Y	0.006487	48	23.32	-0.24	12.1
N+12.10	DER7	X	0.005132	46	2.68	-0.22	12.1
N+12.10	DER7	Y	0.006617	48	23.32	-0.24	12.1
N+12.10	DER7	X	0.00487	46	2.68	-0.22	12.1
N+12.10	DER7	Y	0.006487	48	23.32	-0.24	12.1
N+12.10	DER8	X	0.005132	46	2.68	-0.22	12.1
N+12.10	DER8	Y	0.006617	48	23.32	-0.24	12.1
N+12.10	DER8	X	0.00487	46	2.68	-0.22	12.1
N+12.10	DER8	Y	0.006487	48	23.32	-0.24	12.1
N+10.43	DER1	X	0.003569	46	2.68	-0.22	10.43
N+10.43	DER1	Y	0.002873	57	-0.01	-0.13	10.43
N+10.43	DER1	X	0.003507	46	2.68	-0.22	10.43
N+10.43	DER1	Y	0.0029	57	-0.01	-0.13	10.43
N+10.43	DER2	X	0.003569	46	2.68	-0.22	10.43
N+10.43	DER2	Y	0.002873	57	-0.01	-0.13	10.43
N+10.43	DER2	X	0.003507	46	2.68	-0.22	10.43
N+10.43	DER2	Y	0.0029	57	-0.01	-0.13	10.43
N+10.43	DER3	X	0.003569	46	2.68	-0.22	10.43
N+10.43	DER3	Y	0.002873	57	-0.01	-0.13	10.43
N+10.43	DER3	X	0.003507	46	2.68	-0.22	10.43
N+10.43	DER3	Y	0.0029	57	-0.01	-0.13	10.43
N+10.43	DER4	X	0.003569	46	2.68	-0.22	10.43
N+10.43	DER4	Y	0.002873	57	-0.01	-0.13	10.43
N+10.43	DER4	X	0.003507	46	2.68	-0.22	10.43
N+10.43	DER4	Y	0.0029	57	-0.01	-0.13	10.43
N+10.43	DER5	X	0.00488	46	2.68	-0.22	10.43
N+10.43	DER5	Y	0.004305	57	-0.01	-0.13	10.43
N+10.43	DER5	X	0.004819	46	2.68	-0.22	10.43

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N+10.43	DER5	Y	0.004332	57	-0.01	-0.13	10.43
N+10.43	DER6	X	0.00488	46	2.68	-0.22	10.43
N+10.43	DER6	Y	0.004305	57	-0.01	-0.13	10.43
N+10.43	DER6	X	0.004819	46	2.68	-0.22	10.43
N+10.43	DER6	Y	0.004332	57	-0.01	-0.13	10.43
N+10.43	DER7	X	0.00488	46	2.68	-0.22	10.43
N+10.43	DER7	Y	0.004305	57	-0.01	-0.13	10.43
N+10.43	DER7	X	0.004819	46	2.68	-0.22	10.43
N+10.43	DER7	Y	0.004332	57	-0.01	-0.13	10.43
N+10.43	DER8	X	0.00488	46	2.68	-0.22	10.43
N+10.43	DER8	Y	0.004305	57	-0.01	-0.13	10.43
N+10.43	DER8	X	0.004819	46	2.68	-0.22	10.43
N+10.43	DER8	Y	0.004332	57	-0.01	-0.13	10.43
N+7.44	DER1	X	0.002961	48	23.32	-0.24	7.44
N+7.44	DER1	Y	0.004146	37	25.995	19.9	7.44
N+7.44	DER1	X	0.002877	48	23.32	-0.24	7.44
N+7.44	DER1	Y	0.004061	37	25.995	19.9	7.44
N+7.44	DER2	X	0.002961	48	23.32	-0.24	7.44
N+7.44	DER2	Y	0.004146	37	25.995	19.9	7.44
N+7.44	DER2	X	0.002877	48	23.32	-0.24	7.44
N+7.44	DER2	Y	0.004061	37	25.995	19.9	7.44
N+7.44	DER3	X	0.002961	48	23.32	-0.24	7.44
N+7.44	DER3	Y	0.004146	37	25.995	19.9	7.44
N+7.44	DER3	X	0.002877	48	23.32	-0.24	7.44
N+7.44	DER3	Y	0.004061	37	25.995	19.9	7.44
N+7.44	DER4	X	0.002961	48	23.32	-0.24	7.44
N+7.44	DER4	Y	0.004146	37	25.995	19.9	7.44
N+7.44	DER4	X	0.002877	48	23.32	-0.24	7.44
N+7.44	DER4	Y	0.004061	37	25.995	19.9	7.44
N+7.44	DER5	X	0.004055	48	23.32	-0.24	7.44
N+7.44	DER5	Y	0.005979	37	25.995	19.9	7.44
N+7.44	DER5	X	0.00397	48	23.32	-0.24	7.44
N+7.44	DER5	Y	0.005894	37	25.995	19.9	7.44
N+7.44	DER6	X	0.004055	48	23.32	-0.24	7.44
N+7.44	DER6	Y	0.005979	37	25.995	19.9	7.44
N+7.44	DER6	X	0.00397	48	23.32	-0.24	7.44
N+7.44	DER6	Y	0.005894	37	25.995	19.9	7.44

N+7.44	DER7	X	0.004055	48	23.32	-0.24	7.44
N+7.44	DER7	Y	0.005979	37	25.995	19.9	7.44
N+7.44	DER7	X	0.00397	48	23.32	-0.24	7.44
N+7.44	DER7	Y	0.005894	37	25.995	19.9	7.44
N+7.44	DER8	X	0.004055	48	23.32	-0.24	7.44
N+7.44	DER8	Y	0.005979	37	25.995	19.9	7.44
N+7.44	DER8	X	0.00397	48	23.32	-0.24	7.44
N+7.44	DER8	Y	0.005894	37	25.995	19.9	7.44
N +4.07	DER1	X	0.001509	48	23.32	-0.24	4.07
N +4.07	DER1	Y	0.002151	37	25.995	19.9	4.07
N +4.07	DER1	X	0.001475	48	23.32	-0.24	4.07
N +4.07	DER1	Y	0.002115	37	25.995	19.9	4.07
N +4.07	DER2	X	0.001509	48	23.32	-0.24	4.07
N +4.07	DER2	Y	0.002151	37	25.995	19.9	4.07
N +4.07	DER2	X	0.001475	48	23.32	-0.24	4.07
N +4.07	DER2	Y	0.002115	37	25.995	19.9	4.07
N +4.07	DER3	X	0.001509	48	23.32	-0.24	4.07
N +4.07	DER3	Y	0.002151	37	25.995	19.9	4.07
N +4.07	DER3	X	0.001475	48	23.32	-0.24	4.07
N +4.07	DER3	Y	0.002115	37	25.995	19.9	4.07
N +4.07	DER4	X	0.001509	48	23.32	-0.24	4.07
N +4.07	DER4	Y	0.002151	37	25.995	19.9	4.07
N +4.07	DER4	X	0.001475	48	23.32	-0.24	4.07
N +4.07	DER4	Y	0.002115	37	25.995	19.9	4.07
N +4.07	DER5	X	0.002065	48	23.32	-0.24	4.07
N +4.07	DER5	Y	0.003055	37	25.995	19.9	4.07
N +4.07	DER5	X	0.002031	48	23.32	-0.24	4.07
N +4.07	DER5	Y	0.003019	37	25.995	19.9	4.07
N +4.07	DER6	X	0.002065	48	23.32	-0.24	4.07
N +4.07	DER6	Y	0.003055	37	25.995	19.9	4.07
N +4.07	DER6	X	0.002031	48	23.32	-0.24	4.07
N +4.07	DER6	Y	0.003019	37	25.995	19.9	4.07
N +4.07	DER7	X	0.002065	48	23.32	-0.24	4.07
N +4.07	DER7	Y	0.003055	37	25.995	19.9	4.07
N +4.07	DER7	X	0.002031	48	23.32	-0.24	4.07
N +4.07	DER7	Y	0.003019	37	25.995	19.9	4.07
N +4.07	DER8	X	0.002065	48	23.32	-0.24	4.07

N +4.07	DER8	Y	0.003055	37	25.995	19.9	4.07
N +4.07	DER8	X	0.002031	48	23.32	-0.24	4.07
N +4.07	DER8	Y	0.003019	37	25.995	19.9	4.07

TABLE: Story Forces

Story	Load Case/Combo	Location	P	VX	VY	T	MX	MY
			tonf	tonf	tonf	tonf-m	tonf-m	tonf-m
N+12.10	DER1	Bottom	141.0226	429.9472	214.168	5902.0923	1641.9561	-107.0523
N+12.10	DER1	Bottom	121.4347	-409.3549	-223.9826	-6180.584	851.9436	-1319.7002
N+12.10	DER2	Bottom	141.0226	429.9472	214.168	5902.0923	1641.9561	-107.0523
N+12.10	DER2	Bottom	121.4347	-409.3549	-223.9826	-6180.584	851.9436	-1319.7002
N+12.10	DER3	Bottom	141.0226	429.9472	214.168	5902.0923	1641.9561	-107.0523
N+12.10	DER3	Bottom	121.4347	-409.3549	-223.9826	-6180.584	851.9436	-1319.7002
N+12.10	DER4	Bottom	141.0226	429.9472	214.168	5902.0923	1641.9561	-107.0523
N+12.10	DER4	Bottom	121.4347	-409.3549	-223.9826	-6180.584	851.9436	-1319.7002
N+12.10	DER5	Bottom	142.0207	323.2276	338.6913	4462.9793	1838.3232	-292.575
N+12.10	DER5	Bottom	120.4367	-302.6353	-348.506	-4741.4709	655.5765	-1134.1775
N+12.10	DER6	Bottom	142.0207	323.2276	338.6913	4462.9793	1838.3232	-292.575
N+12.10	DER6	Bottom	120.4367	-302.6353	-348.506	-4741.4709	655.5765	-1134.1775
N+12.10	DER7	Bottom	142.0207	323.2276	338.6913	4462.9793	1838.3232	-292.575
N+12.10	DER7	Bottom	120.4367	-302.6353	-348.506	-4741.4709	655.5765	-1134.1775
N+12.10	DER8	Bottom	142.0207	323.2276	338.6913	4462.9793	1838.3232	-292.575
N+12.10	DER8	Bottom	120.4367	-302.6353	-348.506	-4741.4709	655.5765	-1134.1775
N+10.43	DER1	Bottom	253.6702	540.2886	295.4751	7047.2282	3637.3495	1098.7695
N+10.43	DER1	Bottom	234.0823	-519.6963	-305.2898	-7325.7199	1115.4123	-3278.4094
N+10.43	DER2	Bottom	253.6702	540.2886	295.4751	7047.2282	3637.3495	1098.7695
N+10.43	DER2	Bottom	234.0823	-519.6963	-305.2898	-7325.7199	1115.4123	-3278.4094
N+10.43	DER3	Bottom	253.6702	540.2886	295.4751	7047.2282	3637.3495	1098.7695
N+10.43	DER3	Bottom	234.0823	-519.6963	-305.2898	-7325.7199	1115.4123	-3278.4094

N+10.43	DER4	Bottom	253.6702	540.2886	295.4751	7047.2282	3637.3495	1098.7695
N+10.43	DER4	Bottom	234.0823	-519.6963	-305.2898	-7325.7199	1115.4123	-3278.4094
N+10.43	DER5	Bottom	254.6683	390.0653	466.4206	5264.921	4365.3953	462.3129
N+10.43	DER5	Bottom	233.0841	-369.4731	-476.2353	-5543.4127	387.3665	-2641.9528
N+10.43	DER6	Bottom	254.6683	390.0653	466.4206	5264.921	4365.3953	462.3129
N+10.43	DER6	Bottom	233.0841	-369.4731	-476.2353	-5543.4127	387.3665	-2641.9528
N+10.43	DER7	Bottom	254.6683	390.0653	466.4206	5264.921	4365.3953	462.3129
N+10.43	DER7	Bottom	233.0841	-369.4731	-476.2353	-5543.4127	387.3665	-2641.9528
N+10.43	DER8	Bottom	254.6683	390.0653	466.4206	5264.921	4365.3953	462.3129
N+10.43	DER8	Bottom	233.0841	-369.4731	-476.2353	-5543.4127	387.3665	-2641.9528
N+7.44	DER1	Bottom	811.1927	811.2609	510.547	13520.3938	11301.1371	-3918.4656
N+7.44	DER1	Bottom	811.1927	-811.2609	-510.547	13520.3938	4795.3428	14014.2461
N+7.44	DER2	Bottom	811.1927	811.2609	510.547	13520.3938	11301.1371	-3918.4656
N+7.44	DER2	Bottom	811.1927	-811.2609	-510.547	13520.3938	4795.3428	14014.2461
N+7.44	DER3	Bottom	811.1927	811.2609	510.547	13520.3938	11301.1371	-3918.4656
N+7.44	DER3	Bottom	811.1927	-811.2609	-510.547	13520.3938	4795.3428	14014.2461
N+7.44	DER4	Bottom	811.1927	811.2609	510.547	13520.3938	11301.1371	-3918.4656
N+7.44	DER4	Bottom	811.1927	-811.2609	-510.547	13520.3938	4795.3428	14014.2461
N+7.44	DER5	Bottom	811.1927	531.6754	827.1126	12058.1078	13305.9209	-5443.9333
N+7.44	DER5	Bottom	811.1927	-531.6754	-827.1126	12058.1078	2790.5589	12488.7784
N+7.44	DER6	Bottom	811.1927	531.6754	827.1126	12058.1078	13305.9209	-5443.9333
N+7.44	DER6	Bottom	811.1927	-531.6754	-827.1126	12058.1078	2790.5589	12488.7784
N+7.44	DER7	Bottom	811.1927	531.6754	827.1126	12058.1078	13305.9209	-5443.9333
N+7.44	DER7	Bottom	811.1927	-531.6754	-827.1126	12058.1078	2790.5589	12488.7784
N+7.44	DER8	Bottom	811.1927	531.6754	827.1126	12058.1078	13305.9209	-5443.9333
N+7.44	DER8	Bottom	811.1927	-531.6754	-827.1126	12058.1078	2790.5589	12488.7784
N +4.07	DER1	Bottom	1373.308	1042.6575	648.2982	17902.4263	19399.5719	-6802.4939
N +4.07	DER1	Bottom	1373.308	-1042.6575	-648.2982	17902.4263	8029.7837	24924.2991

N +4.07	DER2	Bottom	1373.308	1042.6575	648.2982	17902.4263	19399.5719	-6802.4939
N +4.07	DER2	Bottom	1373.308	1042.6575	-648.2982	17902.4263	8029.7837	24924.2991
N +4.07	DER3	Bottom	1373.308	1042.6575	648.2982	17902.4263	19399.5719	-6802.4939
N +4.07	DER3	Bottom	1373.308	1042.6575	-648.2982	17902.4263	8029.7837	24924.2991
N +4.07	DER4	Bottom	1373.308	1042.6575	648.2982	17902.4263	19399.5719	-6802.4939
N +4.07	DER4	Bottom	1373.308	1042.6575	-648.2982	17902.4263	8029.7837	24924.2991
N +4.07	DER5	Bottom	1373.308	680.2548	1033.2713	15649.0096	22930.2891	-9772.4459
N +4.07	DER5	Bottom	1373.308	-680.2548	1033.2713	15649.0097	4499.0664	21954.3471
N +4.07	DER6	Bottom	1373.308	680.2548	1033.2713	15649.0096	22930.2891	-9772.4459
N +4.07	DER6	Bottom	1373.308	-680.2548	1033.2713	15649.0097	4499.0664	21954.3471
N +4.07	DER7	Bottom	1373.308	680.2548	1033.2713	15649.0096	22930.2891	-9772.4459
N +4.07	DER7	Bottom	1373.308	-680.2548	1033.2713	15649.0097	4499.0664	21954.3471
N +4.07	DER8	Bottom	1373.308	680.2548	1033.2713	15649.0096	22930.2891	-9772.4459
N +4.07	DER8	Bottom	1373.308	-680.2548	1033.2713	15649.0097	4499.0664	21954.3471

TABLE: Story Forces

Story	Load Case/Combo	Location	P	VX	VY	T	MX	MY
			tonf	tonf	tonf	tonf-m	tonf-m	tonf-m
N+12.10	Live	Bottom	19.9986	2.1257	-1.2837	-35.6075	170.6627	-111.5386
N+10.43	Live	Bottom	26.4846	2.1257	-1.2837	-35.6075	218.3617	-114.6096
N+7.44	Live	Bottom	130.6498	0	0	7.804E-07	1301.7524	-1564.2222
N +4.07	Live	Bottom	338.3871	0	0	-2.513E-06	3342.4487	-4350.2927

11. COEFICIENTE DE DISIPACIÓN DE ENERGÍA "R"

A.3.3— CONFIGURACIÓN ESTRUCTURAL DE LA EDIFICACIÓN — Para las edificaciones pertenecientes al grupo de uso II, localizadas en zonas de amenaza sísmica intermedia.
Para el Sistema Estructural combinado entre muros de carga y pórticos resistentes a momentos en concreto reforzado según la Tabla A.3.2, se obtiene:
R0=5
Ω=2.5

11.1. IRREGULARIDAD EN ALTURA

De forma inicial, se procede hacer el chequeo del numeral A.3.3.5.1 NSR-10, tal como se muestra a continuación:

Ilustración 5- Excepciones a las Irregularidades en altura

A.3.3.5.1 — *Excepciones a las irregularidades en altura* — Cuando para todos los pisos, la deriva de cualquier piso es menor de 1.3 veces la deriva del piso siguiente hacia arriba, puede considerarse que no existen irregularidades en altura de los tipos 1aA, 1bA, 2A, ó 3A, tal como se definen en la Tabla A.3-7, y en este caso se aplica $\phi_a = 1$. No hay necesidad de considerar en esta evaluación las derivas de los dos pisos superiores de la edificación ni los sótanos que tengan muros de contención integrados a la estructura en toda su periferia. Las derivas utilizadas en la evaluación pueden calcularse sin incluir los efectos torsionales. Así mismo, no se considera irregular la estructura flexible apoyada sobre una estructura con mayor rigidez que cumpla los requisitos de A.3.2.4.3 y los correspondientes de la Tabla A.3-5.

Fuente. A.3.3.5.1-NSR-10

TABLE: Joint Drifts

Story	Label	Unique Name	Load Case/Combo	Displacement X	Displacement Y	Drift X	Drift Y	Chequeo Irregularidad	Chequeo Irregularidad
				m	m			Deriva *1.3	
N+12.10	23	65	DER1	0.008738	0.022145	0.000845	0.00244	0.0011	0.0032
N+12.10	23	65	DER1	-0.008545	-0.022309	0.000825	0.00247	0.0011	0.0032
N+12.10	23	65	DER2	0.008738	0.022145	0.000845	0.00244	0.0011	0.0032
N+12.10	23	65	DER2	-0.008545	-0.022309	0.000825	0.00247	0.0011	0.0032
N+12.10	23	65	DER3	0.008738	0.022145	0.000845	0.00244	0.0011	0.0032
N+12.10	23	65	DER3	-0.008545	-0.022309	0.000825	0.00247	0.0011	0.0032

N+12.10	23	65	DER4	0.008738	0.022145	0.000845	0.002044	0.0011	0.0032
N+12.10	23	65	DER4	-0.008545	-0.022309	0.000825	0.002475	0.0011	0.0032
N+12.10	23	65	DER5	0.005378	0.034935	0.000566	0.003866	0.0007	0.0050
N+12.10	23	65	DER5	-0.005185	-0.035099	0.000547	0.003901	0.0007	0.0051
N+12.10	23	65	DER6	0.005378	0.034935	0.000566	0.003866	0.0007	0.0050
N+12.10	23	65	DER6	-0.005185	-0.035099	0.000547	0.003901	0.0007	0.0051
N+12.10	23	65	DER7	0.005378	0.034935	0.000566	0.003866	0.0007	0.0050
N+12.10	23	65	DER7	-0.005185	-0.035099	0.000547	0.003901	0.0007	0.0051
N+12.10	23	65	DER8	0.005378	0.034935	0.000566	0.003866	0.0007	0.0050
N+12.10	23	65	DER8	-0.005185	-0.035099	0.000547	0.003901	0.0007	0.0051
N+12.10	26	55	DER1	0.010492	0.022145	0.001096	0.002044	0.0014	0.0032
N+12.10	26	55	DER1	-0.01018	-0.022309	0.001042	0.002475	0.0014	0.0032
N+12.10	26	55	DER2	0.010492	0.022145	0.001096	0.002044	0.0014	0.0032
N+12.10	26	55	DER2	-0.01018	-0.022309	0.001042	0.002475	0.0014	0.0032
N+12.10	26	55	DER3	0.010492	0.022145	0.001096	0.002044	0.0014	0.0032
N+12.10	26	55	DER3	-0.01018	-0.022309	0.001042	0.002475	0.0014	0.0032
N+12.10	26	55	DER4	0.010492	0.022145	0.001096	0.002044	0.0014	0.0032
N+12.10	26	55	DER4	-0.01018	-0.022309	0.001042	0.002475	0.0014	0.0032
N+12.10	26	55	DER5	0.010115	0.034935	0.001123	0.003866	0.0015	0.0050
N+12.10	26	55	DER5	-0.009803	-0.035099	0.001069	0.003901	0.0014	0.0051
N+12.10	26	55	DER6	0.010115	0.034935	0.001123	0.003866	0.0015	0.0050
N+12.10	26	55	DER6	-0.009803	-0.035099	0.001069	0.003901	0.0014	0.0051
N+12.10	26	55	DER7	0.010115	0.034935	0.001123	0.003866	0.0015	0.0050
N+12.10	26	55	DER7	-0.009803	-0.035099	0.001069	0.003901	0.0014	0.0051
N+12.10	26	55	DER8	0.010115	0.034935	0.001123	0.003866	0.0015	0.0050
N+12.10	26	55	DER8	-0.009803	-0.035099	0.001069	0.003901	0.0014	0.0051
N+12.10	38	2	DER1	0.008733	0.023576	0.000814	0.002059	0.0011	0.0034
N+12.10	38	2	DER1	-0.008616	-0.023846	0.000816	0.002655	0.0011	0.0035

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N+12.10	38	2	DER2	0.008733	0.023576	0.000814	0.00259	0.0011	0.0034
N+12.10	38	2	DER2	-0.008616	-0.023846	0.000816	0.00265	0.0011	0.0035
N+12.10	38	2	DER3	0.008733	0.023576	0.000814	0.00259	0.0011	0.0034
N+12.10	38	2	DER3	-0.008616	-0.023846	0.000816	0.00265	0.0011	0.0035
N+12.10	38	2	DER4	0.008733	0.023576	0.000814	0.00259	0.0011	0.0034
N+12.10	38	2	DER4	-0.008616	-0.023846	0.000816	0.00265	0.0011	0.0035
N+12.10	38	2	DER5	0.004503	0.036387	0.000446	0.00426	0.0006	0.0052
N+12.10	38	2	DER5	-0.004386	-0.036658	0.000448	0.00492	0.0006	0.0053
N+12.10	38	2	DER6	0.004503	0.036387	0.000446	0.00426	0.0006	0.0052
N+12.10	38	2	DER6	-0.004386	-0.036658	0.000448	0.00492	0.0006	0.0053
N+12.10	38	2	DER7	0.004503	0.036387	0.000446	0.00426	0.0006	0.0052
N+12.10	38	2	DER7	-0.004386	-0.036658	0.000448	0.00492	0.0006	0.0053
N+12.10	38	2	DER8	0.004503	0.036387	0.000446	0.00426	0.0006	0.0052
N+12.10	38	2	DER8	-0.004386	-0.036658	0.000448	0.00492	0.0006	0.0053
N+12.10	39	5	DER1	0.008712	0.025182	0.000825	0.00278	0.0011	0.0036
N+12.10	39	5	DER1	-0.008594	-0.02479	0.000814	0.00273	0.0011	0.0035
N+12.10	39	5	DER2	0.008712	0.025182	0.000825	0.00278	0.0011	0.0036
N+12.10	39	5	DER2	-0.008594	-0.02479	0.000814	0.00273	0.0011	0.0035
N+12.10	39	5	DER3	0.008712	0.025182	0.000825	0.00278	0.0011	0.0036
N+12.10	39	5	DER3	-0.008594	-0.02479	0.000814	0.00273	0.0011	0.0035
N+12.10	39	5	DER4	0.008712	0.025182	0.000825	0.00278	0.0011	0.0036
N+12.10	39	5	DER4	-0.008594	-0.02479	0.000814	0.00273	0.0011	0.0035
N+12.10	39	5	DER5	0.004467	0.039679	0.000455	0.00376	0.0006	0.0057
N+12.10	39	5	DER5	-0.004349	-0.039287	0.000444	0.00324	0.0006	0.0056
N+12.10	39	5	DER6	0.004467	0.039679	0.000455	0.00376	0.0006	0.0057
N+12.10	39	5	DER6	-0.004349	-0.039287	0.000444	0.00324	0.0006	0.0056
N+12.10	39	5	DER7	0.004467	0.039679	0.000455	0.00376	0.0006	0.0057
N+12.10	39	5	DER7	-0.004349	-0.039287	0.000444	0.00324	0.0006	0.0056

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N+12.10	39	5	DER8	0.004467	0.039679	0.000455	0.004376	0.0006	0.0057
N+12.10	39	5	DER8	-0.004349	-0.039287	0.000444	0.004324	0.0006	0.0056
N+12.10	40	7	DER1	0.008706	0.040929	0.000824	0.004515	0.0011	0.0059
N+12.10	40	7	DER1	-0.008587	-0.039953	0.000813	0.004385	0.0011	0.0057
N+12.10	40	7	DER2	0.008706	0.040929	0.000824	0.004515	0.0011	0.0059
N+12.10	40	7	DER2	-0.008587	-0.039953	0.000813	0.004385	0.0011	0.0057
N+12.10	40	7	DER3	0.008706	0.040929	0.000824	0.004515	0.0011	0.0059
N+12.10	40	7	DER3	-0.008587	-0.039953	0.000813	0.004385	0.0011	0.0057
N+12.10	40	7	DER4	0.008706	0.040929	0.000824	0.004515	0.0011	0.0059
N+12.10	40	7	DER4	-0.008587	-0.039953	0.000813	0.004385	0.0011	0.0057
N+12.10	40	7	DER5	0.004456	0.05984	0.000454	0.006616	0.0006	0.0086
N+12.10	40	7	DER5	-0.004337	-0.058864	0.000443	0.006486	0.0006	0.0084
N+12.10	40	7	DER6	0.004456	0.05984	0.000454	0.006616	0.0006	0.0086
N+12.10	40	7	DER6	-0.004337	-0.058864	0.000443	0.006486	0.0006	0.0084
N+12.10	40	7	DER7	0.004456	0.05984	0.000454	0.006616	0.0006	0.0086
N+12.10	40	7	DER7	-0.004337	-0.058864	0.000443	0.006486	0.0006	0.0084
N+12.10	40	7	DER8	0.004456	0.05984	0.000454	0.006616	0.0006	0.0086
N+12.10	40	7	DER8	-0.004337	-0.058864	0.000443	0.006486	0.0006	0.0084
N+12.10	42	9	DER1	0.013247	0.023605	0.001456	0.002593	0.0019	0.0034
N+12.10	42	9	DER1	-0.012815	-0.023877	0.001368	0.002659	0.0018	0.0035
N+12.10	42	9	DER2	0.013247	0.023605	0.001456	0.002593	0.0019	0.0034
N+12.10	42	9	DER2	-0.012815	-0.023877	0.001368	0.002659	0.0018	0.0035
N+12.10	42	9	DER3	0.013247	0.023605	0.001456	0.002593	0.0019	0.0034
N+12.10	42	9	DER3	-0.012815	-0.023877	0.001368	0.002659	0.0018	0.0035
N+12.10	42	9	DER4	0.013247	0.023605	0.001456	0.002593	0.0019	0.0034
N+12.10	42	9	DER4	-0.012815	-0.023877	0.001368	0.002659	0.0018	0.0035
N+12.10	42	9	DER5	0.015506	0.036418	0.001675	0.004103	0.0023	0.0052
N+12.10	42	9	DER5	-0.015074	-0.03669	0.001663	0.004096	0.0022	0.0053

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N+12.10	42	9	DER6	0.015506	0.036418	0.001 75	0.004 03	0.0023	0.0052
N+12.10	42	9	DER6	-0.015074	-0.03669	0.001 663	0.004 096	0.0022	0.0053
N+12.10	42	9	DER7	0.015506	0.036418	0.001 75	0.004 03	0.0023	0.0052
N+12.10	42	9	DER7	-0.015074	-0.03669	0.001 663	0.004 096	0.0022	0.0053
N+12.10	42	9	DER8	0.015506	0.036418	0.001 75	0.004 03	0.0023	0.0052
N+12.10	42	9	DER8	-0.015074	-0.03669	0.001 663	0.004 096	0.0022	0.0053
N+12.10	43	11	DER1	0.013247	0.02517	0.001 413	0.002 781	0.0018	0.0036
N+12.10	43	11	DER1	-0.012815	-0.024779	0.001 361	0.002 729	0.0018	0.0035
N+12.10	43	11	DER2	0.013247	0.02517	0.001 413	0.002 781	0.0018	0.0036
N+12.10	43	11	DER2	-0.012815	-0.024779	0.001 361	0.002 729	0.0018	0.0035
N+12.10	43	11	DER3	0.013247	0.02517	0.001 413	0.002 781	0.0018	0.0036
N+12.10	43	11	DER3	-0.012815	-0.024779	0.001 361	0.002 729	0.0018	0.0035
N+12.10	43	11	DER4	0.013247	0.02517	0.001 413	0.002 781	0.0018	0.0036
N+12.10	43	11	DER4	-0.012815	-0.024779	0.001 361	0.002 729	0.0018	0.0035
N+12.10	43	11	DER5	0.015506	0.039664	0.001 695	0.004 374	0.0022	0.0057
N+12.10	43	11	DER5	-0.015074	-0.039273	0.001 643	0.004 322	0.0021	0.0056
N+12.10	43	11	DER6	0.015506	0.039664	0.001 695	0.004 374	0.0022	0.0057
N+12.10	43	11	DER6	-0.015074	-0.039273	0.001 643	0.004 322	0.0021	0.0056
N+12.10	43	11	DER7	0.015506	0.039664	0.001 695	0.004 374	0.0022	0.0057
N+12.10	43	11	DER7	-0.015074	-0.039273	0.001 643	0.004 322	0.0021	0.0056
N+12.10	43	11	DER8	0.015506	0.039664	0.001 695	0.004 374	0.0022	0.0057
N+12.10	43	11	DER8	-0.015074	-0.039273	0.001 643	0.004 322	0.0021	0.0056
N+12.10	44	13	DER1	0.013302	0.040938	0.001 42	0.004 516	0.0018	0.0059
N+12.10	44	13	DER1	-0.012867	-0.039962	0.001 368	0.004 386	0.0018	0.0057
N+12.10	44	13	DER2	0.013302	0.040938	0.001 42	0.004 516	0.0018	0.0059
N+12.10	44	13	DER2	-0.012867	-0.039962	0.001 368	0.004 386	0.0018	0.0057
N+12.10	44	13	DER3	0.013302	0.040938	0.001 42	0.004 516	0.0018	0.0059
N+12.10	44	13	DER3	-0.012867	-0.039962	0.001 368	0.004 386	0.0018	0.0057

N+12.10	44	13	DER4	0.013302	0.040938	0.001 42	0.004 516	0.0018	0.0059
N+12.10	44	13	DER4	-0.012867	-0.039962	0.001 368	0.004 386	0.0018	0.0057
N+12.10	44	13	DER5	0.015604	0.059852	0.001 706	0.006 617	0.0022	0.0086
N+12.10	44	13	DER5	-0.015169	-0.058876	0.001 654	0.006 487	0.0022	0.0084
N+12.10	44	13	DER6	0.015604	0.059852	0.001 706	0.006 617	0.0022	0.0086
N+12.10	44	13	DER6	-0.015169	-0.058876	0.001 654	0.006 487	0.0022	0.0084
N+12.10	44	13	DER7	0.015604	0.059852	0.001 706	0.006 617	0.0022	0.0086
N+12.10	44	13	DER7	-0.015169	-0.058876	0.001 654	0.006 487	0.0022	0.0084
N+12.10	44	13	DER8	0.015604	0.059852	0.001 706	0.006 617	0.0022	0.0086
N+12.10	44	13	DER8	-0.015169	-0.058876	0.001 654	0.006 487	0.0022	0.0084
N+12.10	46	15	DER1	0.032934	0.023585	0.003 783	0.002 591	0.0049	0.0034
N+12.10	46	15	DER1	-0.031889	-0.023856	0.003 522	0.002 657	0.0046	0.0035
N+12.10	46	15	DER2	0.032934	0.023585	0.003 783	0.002 591	0.0049	0.0034
N+12.10	46	15	DER2	-0.031889	-0.023856	0.003 522	0.002 657	0.0046	0.0035
N+12.10	46	15	DER3	0.032934	0.023585	0.003 783	0.002 591	0.0049	0.0034
N+12.10	46	15	DER3	-0.031889	-0.023856	0.003 522	0.002 657	0.0046	0.0035
N+12.10	46	15	DER4	0.032934	0.023585	0.003 783	0.002 591	0.0049	0.0034
N+12.10	46	15	DER4	-0.031889	-0.023856	0.003 522	0.002 657	0.0046	0.0035
N+12.10	46	15	DER5	0.045005	0.036397	0.005 132	0.004 027	0.0067	0.0052
N+12.10	46	15	DER5	-0.04396	-0.036668	0.004 87	0.004 093	0.0063	0.0053
N+12.10	46	15	DER6	0.045005	0.036397	0.005 132	0.004 027	0.0067	0.0052
N+12.10	46	15	DER6	-0.04396	-0.036668	0.004 87	0.004 093	0.0063	0.0053
N+12.10	46	15	DER7	0.045005	0.036397	0.005 132	0.004 027	0.0067	0.0052
N+12.10	46	15	DER7	-0.04396	-0.036668	0.004 87	0.004 093	0.0063	0.0053
N+12.10	46	15	DER8	0.045005	0.036397	0.005 132	0.004 027	0.0067	0.0052
N+12.10	46	15	DER8	-0.04396	-0.036668	0.004 87	0.004 093	0.0063	0.0053
N+12.10	47	18	DER1	0.032955	0.025146	0.003 648	0.002 779	0.0047	0.0036
N+12.10	47	18	DER1	-0.03191	-0.024756	0.003 514	0.002 727	0.0046	0.0035

N+12.10	47	18	DER2	0.032955	0.025146	0.003648	0.002779	0.0047	0.0036
N+12.10	47	18	DER2	-0.03191	-0.024756	0.003514	0.002727	0.0046	0.0035
N+12.10	47	18	DER3	0.032955	0.025146	0.003648	0.002779	0.0047	0.0036
N+12.10	47	18	DER3	-0.03191	-0.024756	0.003514	0.002727	0.0046	0.0035
N+12.10	47	18	DER4	0.032955	0.025146	0.003648	0.002779	0.0047	0.0036
N+12.10	47	18	DER4	-0.03191	-0.024756	0.003514	0.002727	0.0046	0.0035
N+12.10	47	18	DER5	0.045034	0.039633	0.004973	0.004371	0.0065	0.0057
N+12.10	47	18	DER5	-0.043989	-0.039243	0.004839	0.004319	0.0063	0.0056
N+12.10	47	18	DER6	0.045034	0.039633	0.004973	0.004371	0.0065	0.0057
N+12.10	47	18	DER6	-0.043989	-0.039243	0.004839	0.004319	0.0063	0.0056
N+12.10	47	18	DER7	0.045034	0.039633	0.004973	0.004371	0.0065	0.0057
N+12.10	47	18	DER7	-0.043989	-0.039243	0.004839	0.004319	0.0063	0.0056
N+12.10	47	18	DER8	0.045034	0.039633	0.004973	0.004371	0.0065	0.0057
N+12.10	47	18	DER8	-0.043989	-0.039243	0.004839	0.004319	0.0063	0.0056
N+12.10	48	19	DER1	0.032976	0.040938	0.00365	0.004516	0.0047	0.0059
N+12.10	48	19	DER1	-0.03193	-0.039962	0.003516	0.004386	0.0046	0.0057
N+12.10	48	19	DER2	0.032976	0.040938	0.00365	0.004516	0.0047	0.0059
N+12.10	48	19	DER2	-0.03193	-0.039962	0.003516	0.004386	0.0046	0.0057
N+12.10	48	19	DER3	0.032976	0.040938	0.00365	0.004516	0.0047	0.0059
N+12.10	48	19	DER3	-0.03193	-0.039962	0.003516	0.004386	0.0046	0.0057
N+12.10	48	19	DER4	0.032976	0.040938	0.00365	0.004516	0.0047	0.0059
N+12.10	48	19	DER4	-0.03193	-0.039962	0.003516	0.004386	0.0046	0.0057
N+12.10	48	19	DER5	0.045064	0.059852	0.004976	0.006617	0.0065	0.0086
N+12.10	48	19	DER5	-0.044018	-0.058876	0.004843	0.006487	0.0063	0.0084
N+12.10	48	19	DER6	0.045064	0.059852	0.004976	0.006617	0.0065	0.0086
N+12.10	48	19	DER6	-0.044018	-0.058876	0.004843	0.006487	0.0063	0.0084
N+12.10	48	19	DER7	0.045064	0.059852	0.004976	0.006617	0.0065	0.0086
N+12.10	48	19	DER7	-0.044018	-0.058876	0.004843	0.006487	0.0063	0.0084

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N+12.10	48	19	DER8	0.045064	0.059852	0.004976	0.006617	0.0065	0.0086
N+12.10	48	19	DER8	-0.044018	-0.058876	0.004843	0.006487	0.0063	0.0084
N+12.10	51	44	DER1	0.008721	0.021365	0.000813	0.002376	0.0011	0.0031
N+12.10	51	44	DER1	-0.008604	-0.02126	0.000815	0.002336	0.0011	0.0030
N+12.10	51	44	DER2	0.008721	0.021365	0.000813	0.002376	0.0011	0.0031
N+12.10	51	44	DER2	-0.008604	-0.02126	0.000815	0.002336	0.0011	0.0030
N+12.10	51	44	DER3	0.008721	0.021365	0.000813	0.002376	0.0011	0.0031
N+12.10	51	44	DER3	-0.008604	-0.02126	0.000815	0.002336	0.0011	0.0030
N+12.10	51	44	DER4	0.008721	0.021365	0.000813	0.002376	0.0011	0.0031
N+12.10	51	44	DER4	-0.008604	-0.02126	0.000815	0.002336	0.0011	0.0030
N+12.10	51	44	DER5	0.004482	0.034672	0.000444	0.003844	0.0006	0.0050
N+12.10	51	44	DER5	-0.004365	-0.034567	0.000446	0.003803	0.0006	0.0049
N+12.10	51	44	DER6	0.004482	0.034672	0.000444	0.003844	0.0006	0.0050
N+12.10	51	44	DER6	-0.004365	-0.034567	0.000446	0.003803	0.0006	0.0049
N+12.10	51	44	DER7	0.004482	0.034672	0.000444	0.003844	0.0006	0.0050
N+12.10	51	44	DER7	-0.004365	-0.034567	0.000446	0.003803	0.0006	0.0049
N+12.10	51	44	DER8	0.004482	0.034672	0.000444	0.003844	0.0006	0.0050
N+12.10	51	44	DER8	-0.004365	-0.034567	0.000446	0.003803	0.0006	0.0049
N+12.10	60	75	DER1	0.013247	0.021365	0.001456	0.002376	0.0019	0.0031
N+12.10	60	75	DER1	-0.012815	-0.02126	0.001368	0.002336	0.0018	0.0030
N+12.10	60	75	DER2	0.013247	0.021365	0.001456	0.002376	0.0019	0.0031
N+12.10	60	75	DER2	-0.012815	-0.02126	0.001368	0.002336	0.0018	0.0030
N+12.10	60	75	DER3	0.013247	0.021365	0.001456	0.002376	0.0019	0.0031
N+12.10	60	75	DER3	-0.012815	-0.02126	0.001368	0.002336	0.0018	0.0030
N+12.10	60	75	DER4	0.013247	0.021365	0.001456	0.002376	0.0019	0.0031
N+12.10	60	75	DER4	-0.012815	-0.02126	0.001368	0.002336	0.0018	0.0030
N+12.10	60	75	DER5	0.015506	0.034672	0.001475	0.003844	0.0023	0.0050
N+12.10	60	75	DER5	-0.015074	-0.034567	0.001663	0.003803	0.0022	0.0049

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N+12.10	60	75	DER6	0.015506	0.034672	0.001 75	0.003 844	0.0023	0.0050
N+12.10	60	75	DER6	-0.015074	-0.034567	0.001 663	0.003 803	0.0022	0.0049
N+12.10	60	75	DER7	0.015506	0.034672	0.001 75	0.003 844	0.0023	0.0050
N+12.10	60	75	DER7	-0.015074	-0.034567	0.001 663	0.003 803	0.0022	0.0049
N+12.10	60	75	DER8	0.015506	0.034672	0.001 75	0.003 844	0.0023	0.0050
N+12.10	60	75	DER8	-0.015074	-0.034567	0.001 663	0.003 803	0.0022	0.0049
N+12.10	95	154	DER1	0.008738	0.021184	0.000 845	0.002 345	0.0011	0.0030
N+12.10	95	154	DER1	-0.008545	-0.021208	0.000 825	0.002 34	0.0011	0.0030
N+12.10	95	154	DER2	0.008738	0.021184	0.000 845	0.002 345	0.0011	0.0030
N+12.10	95	154	DER2	-0.008545	-0.021208	0.000 825	0.002 34	0.0011	0.0030
N+12.10	95	154	DER3	0.008738	0.021184	0.000 845	0.002 345	0.0011	0.0030
N+12.10	95	154	DER3	-0.008545	-0.021208	0.000 825	0.002 34	0.0011	0.0030
N+12.10	95	154	DER4	0.008738	0.021184	0.000 845	0.002 345	0.0011	0.0030
N+12.10	95	154	DER4	-0.008545	-0.021208	0.000 825	0.002 34	0.0011	0.0030
N+12.10	95	154	DER5	0.005378	0.03416	0.000 566	0.003 782	0.0007	0.0049
N+12.10	95	154	DER5	-0.005185	-0.034184	0.000 547	0.003 778	0.0007	0.0049
N+12.10	95	154	DER6	0.005378	0.03416	0.000 566	0.003 782	0.0007	0.0049
N+12.10	95	154	DER6	-0.005185	-0.034184	0.000 547	0.003 778	0.0007	0.0049
N+12.10	95	154	DER7	0.005378	0.03416	0.000 566	0.003 782	0.0007	0.0049
N+12.10	95	154	DER7	-0.005185	-0.034184	0.000 547	0.003 778	0.0007	0.0049
N+12.10	95	154	DER8	0.005378	0.03416	0.000 566	0.003 782	0.0007	0.0049
N+12.10	95	154	DER8	-0.005185	-0.034184	0.000 547	0.003 778	0.0007	0.0049
N+12.10	96	160	DER1	0.010492	0.021184	0.001 096	0.002 345	0.0014	0.0030
N+12.10	96	160	DER1	-0.01018	-0.021208	0.001 042	0.002 34	0.0014	0.0030
N+12.10	96	160	DER2	0.010492	0.021184	0.001 096	0.002 345	0.0014	0.0030
N+12.10	96	160	DER2	-0.01018	-0.021208	0.001 042	0.002 34	0.0014	0.0030
N+12.10	96	160	DER3	0.010492	0.021184	0.001 096	0.002 345	0.0014	0.0030
N+12.10	96	160	DER3	-0.01018	-0.021208	0.001 042	0.002 34	0.0014	0.0030

N+12.10	96	160	DER4	0.010492	0.021184	0.001096	0.002345	0.0014	0.0030
N+12.10	96	160	DER4	-0.01018	-0.021208	0.001042	0.002034	0.0014	0.0030
N+12.10	96	160	DER5	0.010115	0.03416	0.001123	0.003782	0.0015	0.0049
N+12.10	96	160	DER5	-0.009803	-0.034184	0.001069	0.003778	0.0014	0.0049
N+12.10	96	160	DER6	0.010115	0.03416	0.001123	0.003782	0.0015	0.0049
N+12.10	96	160	DER6	-0.009803	-0.034184	0.001069	0.003778	0.0014	0.0049
N+12.10	96	160	DER7	0.010115	0.03416	0.001123	0.003782	0.0015	0.0049
N+12.10	96	160	DER7	-0.009803	-0.034184	0.001069	0.003778	0.0014	0.0049
N+12.10	96	160	DER8	0.010115	0.03416	0.001123	0.003782	0.0015	0.0049
N+12.10	96	160	DER8	-0.009803	-0.034184	0.001069	0.003778	0.0014	0.0049
N+12.10	3	68	DER1	0.009575	0.021365	0.000968	0.002376	0.0013	0.0031
N+12.10	3	68	DER1	-0.009315	-0.02126	0.000093	0.002336	0.0012	0.0030
N+12.10	3	68	DER2	0.009575	0.021365	0.000968	0.002376	0.0013	0.0031
N+12.10	3	68	DER2	-0.009315	-0.02126	0.000093	0.002336	0.0012	0.0030
N+12.10	3	68	DER3	0.009575	0.021365	0.000968	0.002376	0.0013	0.0031
N+12.10	3	68	DER3	-0.009315	-0.02126	0.000093	0.002336	0.0012	0.0030
N+12.10	3	68	DER4	0.009575	0.021365	0.000968	0.002376	0.0013	0.0031
N+12.10	3	68	DER4	-0.009315	-0.02126	0.000093	0.002336	0.0012	0.0030
N+12.10	3	68	DER5	0.007908	0.034672	0.000864	0.003844	0.0011	0.0050
N+12.10	3	68	DER5	-0.007648	-0.034567	0.000826	0.003803	0.0011	0.0049
N+12.10	3	68	DER6	0.007908	0.034672	0.000864	0.003844	0.0011	0.0050
N+12.10	3	68	DER6	-0.007648	-0.034567	0.000826	0.003803	0.0011	0.0049
N+12.10	3	68	DER7	0.007908	0.034672	0.000864	0.003844	0.0011	0.0050
N+12.10	3	68	DER7	-0.007648	-0.034567	0.000826	0.003803	0.0011	0.0049
N+12.10	3	68	DER8	0.007908	0.034672	0.000864	0.003844	0.0011	0.0050
N+12.10	3	68	DER8	-0.007648	-0.034567	0.000826	0.003803	0.0011	0.0049
N+12.10	13	82	DER1	0.010173	0.023576	0.001052	0.002359	0.0014	0.0034
N+12.10	13	82	DER1	-0.009878	-0.023846	0.001003	0.002655	0.0013	0.0035

N+12.10	13	82	DER2	0.010173	0.023576	0.001052	0.002059	0.0014	0.0034
N+12.10	13	82	DER2	-0.009878	-0.023846	0.001003	0.002655	0.0013	0.0035
N+12.10	13	82	DER3	0.010173	0.023576	0.001052	0.002059	0.0014	0.0034
N+12.10	13	82	DER3	-0.009878	-0.023846	0.001003	0.002655	0.0013	0.0035
N+12.10	13	82	DER4	0.010173	0.023576	0.001052	0.002059	0.0014	0.0034
N+12.10	13	82	DER4	-0.009878	-0.023846	0.001003	0.002655	0.0013	0.0035
N+12.10	13	82	DER5	0.009387	0.036387	0.001038	0.004026	0.0013	0.0052
N+12.10	13	82	DER5	-0.009092	-0.036658	0.000989	0.004092	0.0013	0.0053
N+12.10	13	82	DER6	0.009387	0.036387	0.001038	0.004026	0.0013	0.0052
N+12.10	13	82	DER6	-0.009092	-0.036658	0.000989	0.004092	0.0013	0.0053
N+12.10	13	82	DER7	0.009387	0.036387	0.001038	0.004026	0.0013	0.0052
N+12.10	13	82	DER7	-0.009092	-0.036658	0.000989	0.004092	0.0013	0.0053
N+12.10	13	82	DER8	0.009387	0.036387	0.001038	0.004026	0.0013	0.0052
N+12.10	13	82	DER8	-0.009092	-0.036658	0.000989	0.004092	0.0013	0.0053
N+10.43	19	192	DER1	0.010492	0.021826	0.001339	0.002872	0.0017	0.0037
N+10.43	19	192	DER1	-0.010215	-0.022072	0.001308	0.002898	0.0017	0.0038
N+10.43	19	192	DER2	0.010492	0.021826	0.001339	0.002872	0.0017	0.0037
N+10.43	19	192	DER2	-0.010215	-0.022072	0.001308	0.002898	0.0017	0.0038
N+10.43	19	192	DER3	0.010492	0.021826	0.001339	0.002872	0.0017	0.0037
N+10.43	19	192	DER3	-0.010215	-0.022072	0.001308	0.002898	0.0017	0.0038
N+10.43	19	192	DER4	0.010492	0.021826	0.001339	0.002872	0.0017	0.0037
N+10.43	19	192	DER4	-0.010215	-0.022072	0.001308	0.002898	0.0017	0.0038
N+10.43	19	192	DER5	0.011973	0.032496	0.001058	0.004304	0.0021	0.0056
N+10.43	19	192	DER5	-0.011696	-0.032742	0.001548	0.004033	0.0020	0.0056
N+10.43	19	192	DER6	0.011973	0.032496	0.001058	0.004304	0.0021	0.0056
N+10.43	19	192	DER6	-0.011696	-0.032742	0.001548	0.004033	0.0020	0.0056
N+10.43	19	192	DER7	0.011973	0.032496	0.001058	0.004304	0.0021	0.0056
N+10.43	19	192	DER7	-0.011696	-0.032742	0.001548	0.004033	0.0020	0.0056

N+10.43	19	192	DER8	0.011973	0.032496	0.001058	0.004304	0.0021	0.0056
N+10.43	19	192	DER8	-0.011696	-0.032742	0.001548	0.004033	0.0020	0.0056
N+10.43	20	191	DER1	0.00771	0.021826	0.000907	0.002872	0.0012	0.0037
N+10.43	20	191	DER1	-0.007526	-0.022072	0.000884	0.002898	0.0011	0.0038
N+10.43	20	191	DER2	0.00771	0.021826	0.000907	0.002872	0.0012	0.0037
N+10.43	20	191	DER2	-0.007526	-0.022072	0.000884	0.002898	0.0011	0.0038
N+10.43	20	191	DER3	0.00771	0.021826	0.000907	0.002872	0.0012	0.0037
N+10.43	20	191	DER3	-0.007526	-0.022072	0.000884	0.002898	0.0011	0.0038
N+10.43	20	191	DER4	0.00771	0.021826	0.000907	0.002872	0.0012	0.0037
N+10.43	20	191	DER4	-0.007526	-0.022072	0.000884	0.002898	0.0011	0.0038
N+10.43	20	191	DER5	0.005713	0.032496	0.000725	0.004304	0.0009	0.0056
N+10.43	20	191	DER5	-0.00553	-0.032742	0.000702	0.004033	0.0009	0.0056
N+10.43	20	191	DER6	0.005713	0.032496	0.000725	0.004304	0.0009	0.0056
N+10.43	20	191	DER6	-0.00553	-0.032742	0.000702	0.004033	0.0009	0.0056
N+10.43	20	191	DER7	0.005713	0.032496	0.000725	0.004304	0.0009	0.0056
N+10.43	20	191	DER7	-0.00553	-0.032742	0.000702	0.004033	0.0009	0.0056
N+10.43	20	191	DER8	0.005713	0.032496	0.000725	0.004304	0.0009	0.0056
N+10.43	20	191	DER8	-0.00553	-0.032742	0.000702	0.004033	0.0009	0.0056
N+10.43	23	52	DER1	0.007339	0.018094	0.000844	0.002399	0.0011	0.0031
N+10.43	23	52	DER1	-0.007178	-0.018198	0.000823	0.002412	0.0011	0.0031
N+10.43	23	52	DER2	0.007339	0.018094	0.000844	0.002399	0.0011	0.0031
N+10.43	23	52	DER2	-0.007178	-0.018198	0.000823	0.002412	0.0011	0.0031
N+10.43	23	52	DER3	0.007339	0.018094	0.000844	0.002399	0.0011	0.0031
N+10.43	23	52	DER3	-0.007178	-0.018198	0.000823	0.002412	0.0011	0.0031
N+10.43	23	52	DER4	0.007339	0.018094	0.000844	0.002399	0.0011	0.0031
N+10.43	23	52	DER4	-0.007178	-0.018198	0.000823	0.002412	0.0011	0.0031
N+10.43	23	52	DER5	0.004439	0.028501	0.000552	0.003079	0.0007	0.0049
N+10.43	23	52	DER5	-0.004279	-0.028605	0.000532	0.003803	0.0007	0.0049

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N+10.43	23	52	DER6	0.004439	0.028501	0.000552	0.00379	0.0007	0.0049
N+10.43	23	52	DER6	-0.004279	-0.028605	0.000532	0.00380	0.0007	0.0049
N+10.43	23	52	DER7	0.004439	0.028501	0.000552	0.00379	0.0007	0.0049
N+10.43	23	52	DER7	-0.004279	-0.028605	0.000532	0.00380	0.0007	0.0049
N+10.43	23	52	DER8	0.004439	0.028501	0.000552	0.00379	0.0007	0.0049
N+10.43	23	52	DER8	-0.004279	-0.028605	0.000532	0.00380	0.0007	0.0049
N+10.43	26	54	DER1	0.008677	0.018094	0.001063	0.00299	0.0014	0.0031
N+10.43	26	54	DER1	-0.008454	-0.018198	0.001036	0.00312	0.0013	0.0031
N+10.43	26	54	DER2	0.008677	0.018094	0.001063	0.00299	0.0014	0.0031
N+10.43	26	54	DER2	-0.008454	-0.018198	0.001036	0.00312	0.0013	0.0031
N+10.43	26	54	DER3	0.008677	0.018094	0.001063	0.00299	0.0014	0.0031
N+10.43	26	54	DER3	-0.008454	-0.018198	0.001036	0.00312	0.0013	0.0031
N+10.43	26	54	DER4	0.008677	0.018094	0.001063	0.00299	0.0014	0.0031
N+10.43	26	54	DER4	-0.008454	-0.018198	0.001036	0.00312	0.0013	0.0031
N+10.43	26	54	DER5	0.008251	0.028501	0.001072	0.00379	0.0014	0.0049
N+10.43	26	54	DER5	-0.008028	-0.028605	0.001045	0.00380	0.0014	0.0049
N+10.43	26	54	DER6	0.008251	0.028501	0.001072	0.00379	0.0014	0.0049
N+10.43	26	54	DER6	-0.008028	-0.028605	0.001045	0.00380	0.0014	0.0049
N+10.43	26	54	DER7	0.008251	0.028501	0.001072	0.00379	0.0014	0.0049
N+10.43	26	54	DER7	-0.008028	-0.028605	0.001045	0.00380	0.0014	0.0049
N+10.43	26	54	DER8	0.008251	0.028501	0.001072	0.00379	0.0014	0.0049
N+10.43	26	54	DER8	-0.008028	-0.028605	0.001045	0.00380	0.0014	0.0049
N+10.43	24	188	DER1	0.026226	0.021837	0.003512	0.00287	0.0046	0.0037
N+10.43	24	188	DER1	-0.025626	-0.022084	0.003451	0.00299	0.0045	0.0038
N+10.43	24	188	DER2	0.026226	0.021837	0.003512	0.00287	0.0046	0.0037
N+10.43	24	188	DER2	-0.025626	-0.022084	0.003451	0.00299	0.0045	0.0038
N+10.43	24	188	DER3	0.026226	0.021837	0.003512	0.00287	0.0046	0.0037
N+10.43	24	188	DER3	-0.025626	-0.022084	0.003451	0.00299	0.0045	0.0038

N+10.43	24	188	DER4	0.026226	0.021837	0.003512	0.002873	0.0046	0.0037
N+10.43	24	188	DER4	-0.025626	-0.022084	0.003451	0.0029	0.0045	0.0038
N+10.43	24	188	DER5	0.035879	0.032508	0.0048	0.004305	0.0062	0.0056
N+10.43	24	188	DER5	-0.035279	-0.032755	0.004739	0.004332	0.0062	0.0056
N+10.43	24	188	DER6	0.035879	0.032508	0.0048	0.004305	0.0062	0.0056
N+10.43	24	188	DER6	-0.035279	-0.032755	0.004739	0.004332	0.0062	0.0056
N+10.43	24	188	DER7	0.035879	0.032508	0.0048	0.004305	0.0062	0.0056
N+10.43	24	188	DER7	-0.035279	-0.032755	0.004739	0.004332	0.0062	0.0056
N+10.43	24	188	DER8	0.035879	0.032508	0.0048	0.004305	0.0062	0.0056
N+10.43	24	188	DER8	-0.035279	-0.032755	0.004739	0.004332	0.0062	0.0056
N+10.43	32	187	DER1	0.022414	0.021837	0.002999	0.002873	0.0039	0.0037
N+10.43	32	187	DER1	-0.021886	-0.022084	0.002945	0.0029	0.0038	0.0038
N+10.43	32	187	DER2	0.022414	0.021837	0.002999	0.002873	0.0039	0.0037
N+10.43	32	187	DER2	-0.021886	-0.022084	0.002945	0.0029	0.0038	0.0038
N+10.43	32	187	DER3	0.022414	0.021837	0.002999	0.002873	0.0039	0.0037
N+10.43	32	187	DER3	-0.021886	-0.022084	0.002945	0.0029	0.0038	0.0038
N+10.43	32	187	DER4	0.022414	0.021837	0.002999	0.002873	0.0039	0.0037
N+10.43	32	187	DER4	-0.021886	-0.022084	0.002945	0.0029	0.0038	0.0038
N+10.43	32	187	DER5	0.030462	0.032508	0.004074	0.004305	0.0053	0.0056
N+10.43	32	187	DER5	-0.029934	-0.032755	0.004019	0.004332	0.0052	0.0056
N+10.43	32	187	DER6	0.030462	0.032508	0.004074	0.004305	0.0053	0.0056
N+10.43	32	187	DER6	-0.029934	-0.032755	0.004019	0.004332	0.0052	0.0056
N+10.43	32	187	DER7	0.030462	0.032508	0.004074	0.004305	0.0053	0.0056
N+10.43	32	187	DER7	-0.029934	-0.032755	0.004019	0.004332	0.0052	0.0056
N+10.43	32	187	DER8	0.030462	0.032508	0.004074	0.004305	0.0053	0.0056
N+10.43	32	187	DER8	-0.029934	-0.032755	0.004019	0.004332	0.0052	0.0056
N+10.43	38	1	DER1	0.007386	0.019278	0.000834	0.002546	0.0011	0.0033
N+10.43	38	1	DER1	-0.007266	-0.019439	0.000817	0.002565	0.0011	0.0033

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N+10.43	38	1	DER2	0.007386	0.019278	0.000834	0.002546	0.0011	0.0033
N+10.43	38	1	DER2	-0.007266	-0.019439	0.000817	0.002565	0.0011	0.0033
N+10.43	38	1	DER3	0.007386	0.019278	0.000834	0.002546	0.0011	0.0033
N+10.43	38	1	DER3	-0.007266	-0.019439	0.000817	0.002565	0.0011	0.0033
N+10.43	38	1	DER4	0.007386	0.019278	0.000834	0.002546	0.0011	0.0033
N+10.43	38	1	DER4	-0.007266	-0.019439	0.000817	0.002565	0.0011	0.0033
N+10.43	38	1	DER5	0.003767	0.029688	0.000466	0.003939	0.0006	0.0051
N+10.43	38	1	DER5	-0.003646	-0.029848	0.000449	0.003958	0.0006	0.0051
N+10.43	38	1	DER6	0.003767	0.029688	0.000466	0.003939	0.0006	0.0051
N+10.43	38	1	DER6	-0.003646	-0.029848	0.000449	0.003958	0.0006	0.0051
N+10.43	38	1	DER7	0.003767	0.029688	0.000466	0.003939	0.0006	0.0051
N+10.43	38	1	DER7	-0.003646	-0.029848	0.000449	0.003958	0.0006	0.0051
N+10.43	38	1	DER8	0.003767	0.029688	0.000466	0.003939	0.0006	0.0051
N+10.43	38	1	DER8	-0.003646	-0.029848	0.000449	0.003958	0.0006	0.0051
N+10.43	42	8	DER1	0.010833	0.019302	0.001039	0.002549	0.0018	0.0033
N+10.43	42	8	DER1	-0.010547	-0.019464	0.001358	0.002568	0.0018	0.0033
N+10.43	42	8	DER2	0.010833	0.019302	0.001039	0.002549	0.0018	0.0033
N+10.43	42	8	DER2	-0.010547	-0.019464	0.001358	0.002568	0.0018	0.0033
N+10.43	42	8	DER3	0.010833	0.019302	0.001039	0.002549	0.0018	0.0033
N+10.43	42	8	DER3	-0.010547	-0.019464	0.001358	0.002568	0.0018	0.0033
N+10.43	42	8	DER4	0.010833	0.019302	0.001039	0.002549	0.0018	0.0033
N+10.43	42	8	DER4	-0.010547	-0.019464	0.001358	0.002568	0.0018	0.0033
N+10.43	42	8	DER5	0.012599	0.029713	0.001665	0.003942	0.0022	0.0051
N+10.43	42	8	DER5	-0.012313	-0.029874	0.001633	0.003961	0.0021	0.0051
N+10.43	42	8	DER6	0.012599	0.029713	0.001665	0.003942	0.0022	0.0051
N+10.43	42	8	DER6	-0.012313	-0.029874	0.001633	0.003961	0.0021	0.0051
N+10.43	42	8	DER7	0.012599	0.029713	0.001665	0.003942	0.0022	0.0051
N+10.43	42	8	DER7	-0.012313	-0.029874	0.001633	0.003961	0.0021	0.0051

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N+10.43	42	8	DER8	0.012599	0.029713	0.001665	0.003942	0.0022	0.0051
N+10.43	42	8	DER8	-0.012313	-0.029874	0.001633	0.003961	0.0021	0.0051
N+10.43	46	14	DER1	0.026652	0.019286	0.003569	0.002547	0.0046	0.0033
N+10.43	46	14	DER1	-0.026044	-0.019447	0.003507	0.002566	0.0046	0.0033
N+10.43	46	14	DER2	0.026652	0.019286	0.003569	0.002547	0.0046	0.0033
N+10.43	46	14	DER2	-0.026044	-0.019447	0.003507	0.002566	0.0046	0.0033
N+10.43	46	14	DER3	0.026652	0.019286	0.003569	0.002547	0.0046	0.0033
N+10.43	46	14	DER3	-0.026044	-0.019447	0.003507	0.002566	0.0046	0.0033
N+10.43	46	14	DER4	0.026652	0.019286	0.003569	0.002547	0.0046	0.0033
N+10.43	46	14	DER4	-0.026044	-0.019447	0.003507	0.002566	0.0046	0.0033
N+10.43	46	14	DER5	0.036479	0.029696	0.00488	0.00394	0.0063	0.0051
N+10.43	46	14	DER5	-0.035872	-0.029857	0.004819	0.003959	0.0063	0.0051
N+10.43	46	14	DER6	0.036479	0.029696	0.00488	0.00394	0.0063	0.0051
N+10.43	46	14	DER6	-0.035872	-0.029857	0.004819	0.003959	0.0063	0.0051
N+10.43	46	14	DER7	0.036479	0.029696	0.00488	0.00394	0.0063	0.0051
N+10.43	46	14	DER7	-0.035872	-0.029857	0.004819	0.003959	0.0063	0.0051
N+10.43	46	14	DER8	0.036479	0.029696	0.00488	0.00394	0.0063	0.0051
N+10.43	46	14	DER8	-0.035872	-0.029857	0.004819	0.003959	0.0063	0.0051
N+10.43	57	141	DER1	0.026498	0.021837	0.003548	0.002873	0.0046	0.0037
N+10.43	57	141	DER1	-0.025893	-0.022084	0.003487	0.002992	0.0045	0.0038
N+10.43	57	141	DER2	0.026498	0.021837	0.003548	0.002873	0.0046	0.0037
N+10.43	57	141	DER2	-0.025893	-0.022084	0.003487	0.002992	0.0045	0.0038
N+10.43	57	141	DER3	0.026498	0.021837	0.003548	0.002873	0.0046	0.0037
N+10.43	57	141	DER3	-0.025893	-0.022084	0.003487	0.002992	0.0045	0.0038
N+10.43	57	141	DER4	0.026498	0.021837	0.003548	0.002873	0.0046	0.0037
N+10.43	57	141	DER4	-0.025893	-0.022084	0.003487	0.002992	0.0045	0.0038
N+10.43	57	141	DER5	0.036263	0.032508	0.004851	0.004305	0.0063	0.0056
N+10.43	57	141	DER5	-0.035658	-0.032755	0.00479	0.004332	0.0062	0.0056

N+10.43	57	141	DER6	0.036263	0.032508	0.004851	0.004305	0.0063	0.0056
N+10.43	57	141	DER6	-0.035658	-0.032755	0.00479	0.004332	0.0062	0.0056
N+10.43	57	141	DER7	0.036263	0.032508	0.004851	0.004305	0.0063	0.0056
N+10.43	57	141	DER7	-0.035658	-0.032755	0.00479	0.004332	0.0062	0.0056
N+10.43	57	141	DER8	0.036263	0.032508	0.004851	0.004305	0.0063	0.0056
N+10.43	57	141	DER8	-0.035658	-0.032755	0.00479	0.004332	0.0062	0.0056
N+10.43	51	43	DER1	0.007376	0.017414	0.000832	0.002335	0.0011	0.0030
N+10.43	51	43	DER1	-0.007255	-0.017377	0.000815	0.002336	0.0011	0.0030
N+10.43	51	43	DER2	0.007376	0.017414	0.000832	0.002335	0.0011	0.0030
N+10.43	51	43	DER2	-0.007255	-0.017377	0.000815	0.002336	0.0011	0.0030
N+10.43	51	43	DER3	0.007376	0.017414	0.000832	0.002335	0.0011	0.0030
N+10.43	51	43	DER3	-0.007255	-0.017377	0.000815	0.002336	0.0011	0.0030
N+10.43	51	43	DER4	0.007376	0.017414	0.000832	0.002335	0.0011	0.0030
N+10.43	51	43	DER4	-0.007255	-0.017377	0.000815	0.002336	0.0011	0.0030
N+10.43	51	43	DER5	0.00375	0.028273	0.000463	0.003786	0.0006	0.0049
N+10.43	51	43	DER5	-0.003629	-0.028236	0.000446	0.003787	0.0006	0.0049
N+10.43	51	43	DER6	0.00375	0.028273	0.000463	0.003786	0.0006	0.0049
N+10.43	51	43	DER6	-0.003629	-0.028236	0.000446	0.003787	0.0006	0.0049
N+10.43	51	43	DER7	0.00375	0.028273	0.000463	0.003786	0.0006	0.0049
N+10.43	51	43	DER7	-0.003629	-0.028236	0.000446	0.003787	0.0006	0.0049
N+10.43	51	43	DER8	0.00375	0.028273	0.000463	0.003786	0.0006	0.0049
N+10.43	51	43	DER8	-0.003629	-0.028236	0.000446	0.003787	0.0006	0.0049
N+10.43	60	29	DER1	0.010833	0.017414	0.001039	0.002335	0.0018	0.0030
N+10.43	60	29	DER1	-0.010547	-0.017377	0.001358	0.002336	0.0018	0.0030
N+10.43	60	29	DER2	0.010833	0.017414	0.001039	0.002335	0.0018	0.0030
N+10.43	60	29	DER2	-0.010547	-0.017377	0.001358	0.002336	0.0018	0.0030
N+10.43	60	29	DER3	0.010833	0.017414	0.001039	0.002335	0.0018	0.0030
N+10.43	60	29	DER3	-0.010547	-0.017377	0.001358	0.002336	0.0018	0.0030

N+10.43	60	29	DER4	0.010833	0.017414	0.001 39	0.002 335	0.0018	0.0030
N+10.43	60	29	DER4	-0.010547	-0.017377	0.001 358	0.002 336	0.0018	0.0030
N+10.43	60	29	DER5	0.012599	0.028273	0.001 665	0.003 786	0.0022	0.0049
N+10.43	60	29	DER5	-0.012313	-0.028236	0.001 633	0.003 787	0.0021	0.0049
N+10.43	60	29	DER6	0.012599	0.028273	0.001 665	0.003 786	0.0022	0.0049
N+10.43	60	29	DER6	-0.012313	-0.028236	0.001 633	0.003 787	0.0021	0.0049
N+10.43	60	29	DER7	0.012599	0.028273	0.001 665	0.003 786	0.0022	0.0049
N+10.43	60	29	DER7	-0.012313	-0.028236	0.001 633	0.003 787	0.0021	0.0049
N+10.43	60	29	DER8	0.012599	0.028273	0.001 665	0.003 786	0.0022	0.0049
N+10.43	60	29	DER8	-0.012313	-0.028236	0.001 633	0.003 787	0.0021	0.0049
N+10.43	95	143	DER1	0.007339	0.017287	0.000 844	0.002 306	0.0011	0.0030
N+10.43	95	143	DER1	-0.007178	-0.017317	0.000 823	0.002 313	0.0011	0.0030
N+10.43	95	143	DER2	0.007339	0.017287	0.000 844	0.002 306	0.0011	0.0030
N+10.43	95	143	DER2	-0.007178	-0.017317	0.000 823	0.002 313	0.0011	0.0030
N+10.43	95	143	DER3	0.007339	0.017287	0.000 844	0.002 306	0.0011	0.0030
N+10.43	95	143	DER3	-0.007178	-0.017317	0.000 823	0.002 313	0.0011	0.0030
N+10.43	95	143	DER4	0.007339	0.017287	0.000 844	0.002 306	0.0011	0.0030
N+10.43	95	143	DER4	-0.007178	-0.017317	0.000 823	0.002 313	0.0011	0.0030
N+10.43	95	143	DER5	0.004439	0.027864	0.000 552	0.003 719	0.0007	0.0048
N+10.43	95	143	DER5	-0.004279	-0.027894	0.000 532	0.003 725	0.0007	0.0048
N+10.43	95	143	DER6	0.004439	0.027864	0.000 552	0.003 719	0.0007	0.0048
N+10.43	95	143	DER6	-0.004279	-0.027894	0.000 532	0.003 725	0.0007	0.0048
N+10.43	95	143	DER7	0.004439	0.027864	0.000 552	0.003 719	0.0007	0.0048
N+10.43	95	143	DER7	-0.004279	-0.027894	0.000 532	0.003 725	0.0007	0.0048
N+10.43	95	143	DER8	0.004439	0.027864	0.000 552	0.003 719	0.0007	0.0048
N+10.43	95	143	DER8	-0.004279	-0.027894	0.000 532	0.003 725	0.0007	0.0048
N+10.43	96	157	DER1	0.008677	0.017287	0.001 063	0.002 306	0.0014	0.0030
N+10.43	96	157	DER1	-0.008454	-0.017317	0.001 036	0.002 313	0.0013	0.0030

N+10.43	96	157	DER2	0.008677	0.017287	0.001063	0.002306	0.0014	0.0030
N+10.43	96	157	DER2	-0.008454	-0.017317	0.001036	0.002313	0.0013	0.0030
N+10.43	96	157	DER3	0.008677	0.017287	0.001063	0.002306	0.0014	0.0030
N+10.43	96	157	DER3	-0.008454	-0.017317	0.001036	0.002313	0.0013	0.0030
N+10.43	96	157	DER4	0.008677	0.017287	0.001063	0.002306	0.0014	0.0030
N+10.43	96	157	DER4	-0.008454	-0.017317	0.001036	0.002313	0.0013	0.0030
N+10.43	96	157	DER5	0.008251	0.027864	0.001072	0.003719	0.0014	0.0048
N+10.43	96	157	DER5	-0.008028	-0.027894	0.001045	0.003725	0.0014	0.0048
N+10.43	96	157	DER6	0.008251	0.027864	0.001072	0.003719	0.0014	0.0048
N+10.43	96	157	DER6	-0.008028	-0.027894	0.001045	0.003725	0.0014	0.0048
N+10.43	96	157	DER7	0.008251	0.027864	0.001072	0.003719	0.0014	0.0048
N+10.43	96	157	DER7	-0.008028	-0.027894	0.001045	0.003725	0.0014	0.0048
N+10.43	96	157	DER8	0.008251	0.027864	0.001072	0.003719	0.0014	0.0048
N+10.43	96	157	DER8	-0.008028	-0.027894	0.001045	0.003725	0.0014	0.0048
N+10.43	3	67	DER1	0.007971	0.017414	0.000095	0.002335	0.0012	0.0030
N+10.43	3	67	DER1	-0.007776	-0.017377	0.000926	0.002336	0.0012	0.0030
N+10.43	3	67	DER2	0.007971	0.017414	0.000095	0.002335	0.0012	0.0030
N+10.43	3	67	DER2	-0.007776	-0.017377	0.000926	0.002336	0.0012	0.0030
N+10.43	3	67	DER3	0.007971	0.017414	0.000095	0.002335	0.0012	0.0030
N+10.43	3	67	DER3	-0.007776	-0.017377	0.000926	0.002336	0.0012	0.0030
N+10.43	3	67	DER4	0.007971	0.017414	0.000095	0.002335	0.0012	0.0030
N+10.43	3	67	DER4	-0.007776	-0.017377	0.000926	0.002336	0.0012	0.0030
N+10.43	3	67	DER5	0.006473	0.028273	0.000829	0.003786	0.0011	0.0049
N+10.43	3	67	DER5	-0.006277	-0.028236	0.000805	0.003787	0.0010	0.0049
N+10.43	3	67	DER6	0.006473	0.028273	0.000829	0.003786	0.0011	0.0049
N+10.43	3	67	DER6	-0.006277	-0.028236	0.000805	0.003787	0.0010	0.0049
N+10.43	3	67	DER7	0.006473	0.028273	0.000829	0.003786	0.0011	0.0049
N+10.43	3	67	DER7	-0.006277	-0.028236	0.000805	0.003787	0.0010	0.0049

N+10.43	3	67	DER8	0.006473	0.028273	0.000829	0.003786	0.0011	0.0049
N+10.43	3	67	DER8	-0.006277	-0.028236	0.000805	0.003787	0.0010	0.0049
N+10.43	13	81	DER1	0.008431	0.019278	0.001024	0.002546	0.0013	0.0033
N+10.43	13	81	DER1	-0.008217	-0.019439	0.000998	0.002565	0.0013	0.0033
N+10.43	13	81	DER2	0.008431	0.019278	0.001024	0.002546	0.0013	0.0033
N+10.43	13	81	DER2	-0.008217	-0.019439	0.000998	0.002565	0.0013	0.0033
N+10.43	13	81	DER3	0.008431	0.019278	0.001024	0.002546	0.0013	0.0033
N+10.43	13	81	DER3	-0.008217	-0.019439	0.000998	0.002565	0.0013	0.0033
N+10.43	13	81	DER4	0.008431	0.019278	0.001024	0.002546	0.0013	0.0033
N+10.43	13	81	DER4	-0.008217	-0.019439	0.000998	0.002565	0.0013	0.0033
N+10.43	13	81	DER5	0.007664	0.029688	0.000991	0.003939	0.0013	0.0051
N+10.43	13	81	DER5	-0.00745	-0.029848	0.000966	0.003958	0.0013	0.0051
N+10.43	13	81	DER6	0.007664	0.029688	0.000991	0.003939	0.0013	0.0051
N+10.43	13	81	DER6	-0.00745	-0.029848	0.000966	0.003958	0.0013	0.0051
N+10.43	13	81	DER7	0.007664	0.029688	0.000991	0.003939	0.0013	0.0051
N+10.43	13	81	DER7	-0.00745	-0.029848	0.000966	0.003958	0.0013	0.0051
N+10.43	13	81	DER8	0.007664	0.029688	0.000991	0.003939	0.0013	0.0051
N+10.43	13	81	DER8	-0.00745	-0.029848	0.000966	0.003958	0.0013	0.0051
N+10.43	12	148	DER1	0.007401	0.019506	0.000835	0.002575	0.0011	0.0033
N+10.43	12	148	DER1	-0.007282	-0.019675	0.000818	0.002594	0.0011	0.0034
N+10.43	12	148	DER2	0.007401	0.019506	0.000835	0.002575	0.0011	0.0033
N+10.43	12	148	DER2	-0.007282	-0.019675	0.000818	0.002594	0.0011	0.0034
N+10.43	12	148	DER3	0.007401	0.019506	0.000835	0.002575	0.0011	0.0033
N+10.43	12	148	DER3	-0.007282	-0.019675	0.000818	0.002594	0.0011	0.0034
N+10.43	12	148	DER4	0.007401	0.019506	0.000835	0.002575	0.0011	0.0033
N+10.43	12	148	DER4	-0.007282	-0.019675	0.000818	0.002594	0.0011	0.0034
N+10.43	12	148	DER5	0.003793	0.029928	0.000469	0.003097	0.0006	0.0052
N+10.43	12	148	DER5	-0.003673	-0.030097	0.000452	0.003989	0.0006	0.0052

N+10.43	12	148	DER6	0.003793	0.029928	0.000469	0.003097	0.0006	0.0052			
N+10.43	12	148	DER6	-0.003673	-0.030097	0.000452	0.003989	0.0006	0.0052			
N+10.43	12	148	DER7	0.003793	0.029928	0.000469	0.003097	0.0006	0.0052			
N+10.43	12	148	DER7	-0.003673	-0.030097	0.000452	0.003989	0.0006	0.0052			
N+10.43	12	148	DER8	0.003793	0.029928	0.000469	0.003097	0.0006	0.0052			
N+10.43	12	148	DER8	-0.003673	-0.030097	0.000452	0.003989	0.0006	0.0052			
N+7.44	19	79	DER1	0.006527	0.013294	0.001153	0.002485	0.0015	0.0032	OK	OK	
N+7.44	19	79	DER1	-0.006343	-0.013461	0.001116	0.002518	0.0015	0.0033	OK	OK	
N+7.44	19	79	DER2	0.006527	0.013294	0.001153	0.002485	0.0015	0.0032			
N+7.44	19	79	DER2	-0.006343	-0.013461	0.001116	0.002518	0.0015	0.0033			
N+7.44	19	79	DER3	0.006527	0.013294	0.001153	0.002485	0.0015	0.0032			
N+7.44	19	79	DER3	-0.006343	-0.013461	0.001116	0.002518	0.0015	0.0033			
N+7.44	19	79	DER4	0.006527	0.013294	0.001153	0.002485	0.0015	0.0032			
N+7.44	19	79	DER4	-0.006343	-0.013461	0.001116	0.002518	0.0015	0.0033			
N+7.44	19	79	DER5	0.007283	0.019676	0.001325	0.003702	0.0017	0.0048			
N+7.44	19	79	DER5	-0.0071	-0.019843	0.001288	0.003735	0.0017	0.0049			
N+7.44	19	79	DER6	0.007283	0.019676	0.001325	0.003702	0.0017	0.0048			
N+7.44	19	79	DER6	-0.0071	-0.019843	0.001288	0.003735	0.0017	0.0049			
N+7.44	19	79	DER7	0.007283	0.019676	0.001325	0.003702	0.0017	0.0048			
N+7.44	19	79	DER7	-0.0071	-0.019843	0.001288	0.003735	0.0017	0.0049			
N+7.44	19	79	DER8	0.007283	0.019676	0.001325	0.003702	0.0017	0.0048			
N+7.44	19	79	DER8	-0.0071	-0.019843	0.001288	0.003735	0.0017	0.0049			
N+7.44	20	78	DER1	0.00503	0.013294	0.000844	0.002485	0.0011	0.0032	OK	OK	
N+7.44	20	78	DER1	-0.004915	-0.013461	0.000821	0.002518	0.0011	0.0033	OK	OK	
N+7.44	20	78	DER2	0.00503	0.013294	0.000844	0.002485	0.0011	0.0032	OK	OK	
N+7.44	20	78	DER2	-0.004915	-0.013461	0.000821	0.002518	0.0011	0.0033	OK	OK	
N+7.44	20	78	DER3	0.00503	0.013294	0.000844	0.002485	0.0011	0.0032	OK	OK	
N+7.44	20	78	DER3	-0.004915	-0.013461	0.000821	0.002518	0.0011	0.0033	OK	OK	

N+7. 44	20	78	DER4	0.00503	0.013294	0.000 844	0.002 485	0.0011	0.0032	OK	OK
N+7. 44	20	78	DER4	-0.004915	-0.013461	0.000 821	0.002 518	0.0011	0.0033	OK	OK
N+7. 44	20	78	DER5	0.003565	0.019676	0.000 627	0.003 702	0.0008	0.0048	OK	OK
N+7. 44	20	78	DER5	-0.00345	-0.019843	0.000 603	0.003 735	0.0008	0.0049	OK	OK
N+7. 44	20	78	DER6	0.003565	0.019676	0.000 627	0.003 702	0.0008	0.0048	OK	OK
N+7. 44	20	78	DER6	-0.00345	-0.019843	0.000 603	0.003 735	0.0008	0.0049	OK	OK
N+7. 44	20	78	DER7	0.003565	0.019676	0.000 627	0.003 702	0.0008	0.0048	OK	OK
N+7. 44	20	78	DER7	-0.00345	-0.019843	0.000 603	0.003 735	0.0008	0.0049	OK	OK
N+7. 44	20	78	DER8	0.003565	0.019676	0.000 627	0.003 702	0.0008	0.0048	OK	OK
N+7. 44	20	78	DER8	-0.00345	-0.019843	0.000 603	0.003 735	0.0008	0.0049	OK	OK
N+7. 44	23	83	DER1	0.004846	0.010956	0.000 803	0.002 061	0.0010	0.0027	OK	OK
N+7. 44	23	83	DER1	-0.004747	-0.011021	0.000 783	0.002 075	0.0010	0.0027	OK	OK
N+7. 44	23	83	DER2	0.004846	0.010956	0.000 803	0.002 061	0.0010	0.0027	OK	OK
N+7. 44	23	83	DER2	-0.004747	-0.011021	0.000 783	0.002 075	0.0010	0.0027	OK	OK
N+7. 44	23	83	DER3	0.004846	0.010956	0.000 803	0.002 061	0.0010	0.0027	OK	OK
N+7. 44	23	83	DER3	-0.004747	-0.011021	0.000 783	0.002 075	0.0010	0.0027	OK	OK
N+7. 44	23	83	DER4	0.004846	0.010956	0.000 803	0.002 061	0.0010	0.0027	OK	OK
N+7. 44	23	83	DER4	-0.004747	-0.011021	0.000 783	0.002 075	0.0010	0.0027	OK	OK
N+7. 44	23	83	DER5	0.002808	0.017206	0.000 483	0.003 245	0.0006	0.0042	OK	OK
N+7. 44	23	83	DER5	-0.002709	-0.01727	0.000 462	0.003 258	0.0006	0.0042	OK	OK
N+7. 44	23	83	DER6	0.002808	0.017206	0.000 483	0.003 245	0.0006	0.0042	OK	OK
N+7. 44	23	83	DER6	-0.002709	-0.01727	0.000 462	0.003 258	0.0006	0.0042	OK	OK
N+7. 44	23	83	DER7	0.002808	0.017206	0.000 483	0.003 245	0.0006	0.0042	OK	OK
N+7. 44	23	83	DER7	-0.002709	-0.01727	0.000 462	0.003 258	0.0006	0.0042	OK	OK
N+7. 44	23	83	DER8	0.002808	0.017206	0.000 483	0.003 245	0.0006	0.0042	OK	OK
N+7. 44	23	83	DER8	-0.002709	-0.01727	0.000 462	0.003 258	0.0006	0.0042	OK	OK
N+7. 44	26	84	DER1	0.005536	0.010956	0.000 951	0.002 061	0.0012	0.0027	OK	OK
N+7. 44	26	84	DER1	-0.005392	-0.011021	0.000 922	0.002 075	0.0012	0.0027	OK	OK

N+7. 44	26	84	DER2	0.005536	0.010956	0.000 951	0.002 061	0.0012	0.0027	OK	OK
N+7. 44	26	84	DER2	-0.005392	-0.011021	0.000 922	0.002 075	0.0012	0.0027	OK	OK
N+7. 44	26	84	DER3	0.005536	0.010956	0.000 951	0.002 061	0.0012	0.0027	OK	OK
N+7. 44	26	84	DER3	-0.005392	-0.011021	0.000 922	0.002 075	0.0012	0.0027	OK	OK
N+7. 44	26	84	DER4	0.005536	0.010956	0.000 951	0.002 061	0.0012	0.0027	OK	OK
N+7. 44	26	84	DER4	-0.005392	-0.011021	0.000 922	0.002 075	0.0012	0.0027	OK	OK
N+7. 44	26	84	DER5	0.005072	0.017206	0.000 91	0.003 245	0.0012	0.0042	OK	OK
N+7. 44	26	84	DER5	-0.004928	-0.01727	0.000 881	0.003 258	0.0011	0.0042	OK	OK
N+7. 44	26	84	DER6	0.005072	0.017206	0.000 91	0.003 245	0.0012	0.0042	OK	OK
N+7. 44	26	84	DER6	-0.004928	-0.01727	0.000 881	0.003 258	0.0011	0.0042	OK	OK
N+7. 44	26	84	DER7	0.005072	0.017206	0.000 91	0.003 245	0.0012	0.0042	OK	OK
N+7. 44	26	84	DER7	-0.004928	-0.01727	0.000 881	0.003 258	0.0011	0.0042	OK	OK
N+7. 44	26	84	DER8	0.005072	0.017206	0.000 91	0.003 245	0.0012	0.0042	OK	OK
N+7. 44	26	84	DER8	-0.004928	-0.01727	0.000 881	0.003 258	0.0011	0.0042	OK	OK
N+7. 44	24	77	DER1	0.015799	0.013301	0.002 91	0.002 486	0.0038	0.0032	OK	OK
N+7. 44	24	77	DER1	-0.015382	-0.013468	0.002 827	0.002 519	0.0037	0.0033	OK	OK
N+7. 44	24	77	DER2	0.015799	0.013301	0.002 91	0.002 486	0.0038	0.0032	OK	OK
N+7. 44	24	77	DER2	-0.015382	-0.013468	0.002 827	0.002 519	0.0037	0.0033	OK	OK
N+7. 44	24	77	DER3	0.015799	0.013301	0.002 91	0.002 486	0.0038	0.0032	OK	OK
N+7. 44	24	77	DER3	-0.015382	-0.013468	0.002 827	0.002 519	0.0037	0.0033	OK	OK
N+7. 44	24	77	DER4	0.015799	0.013301	0.002 91	0.002 486	0.0038	0.0032	OK	OK
N+7. 44	24	77	DER4	-0.015382	-0.013468	0.002 827	0.002 519	0.0037	0.0033	OK	OK
N+7. 44	24	77	DER5	0.021621	0.019683	0.003 983	0.003 703	0.0052	0.0048	OK	OK
N+7. 44	24	77	DER5	-0.021203	-0.01985	0.003 9	0.003 737	0.0051	0.0049	OK	OK
N+7. 44	24	77	DER6	0.021621	0.019683	0.003 983	0.003 703	0.0052	0.0048	OK	OK
N+7. 44	24	77	DER6	-0.021203	-0.01985	0.003 9	0.003 737	0.0051	0.0049	OK	OK
N+7. 44	24	77	DER7	0.021621	0.019683	0.003 983	0.003 703	0.0052	0.0048	OK	OK
N+7. 44	24	77	DER7	-0.021203	-0.01985	0.003 9	0.003 737	0.0051	0.0049	OK	OK

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N+7. 44	24	77	DER8	0.021621	0.019683	0.003 983	0.003 703	0.0052	0.0048	OK	OK
N+7. 44	24	77	DER8	-0.021203	-0.01985	0.003 9	0.003 737	0.0051	0.0049	OK	OK
N+7. 44	32	91	DER1	0.013508	0.013301	0.002 484	0.002 486	0.0032	0.0032	OK	OK
N+7. 44	32	91	DER1	-0.013142	-0.013468	0.002 412	0.002 519	0.0031	0.0033	OK	OK
N+7. 44	32	91	DER2	0.013508	0.013301	0.002 484	0.002 486	0.0032	0.0032	OK	OK
N+7. 44	32	91	DER2	-0.013142	-0.013468	0.002 412	0.002 519	0.0031	0.0033	OK	OK
N+7. 44	32	91	DER3	0.013508	0.013301	0.002 484	0.002 486	0.0032	0.0032	OK	OK
N+7. 44	32	91	DER3	-0.013142	-0.013468	0.002 412	0.002 519	0.0031	0.0033	OK	OK
N+7. 44	32	91	DER4	0.013508	0.013301	0.002 484	0.002 486	0.0032	0.0032	OK	OK
N+7. 44	32	91	DER4	-0.013142	-0.013468	0.002 412	0.002 519	0.0031	0.0033	OK	OK
N+7. 44	32	91	DER5	0.01836	0.019683	0.003 38	0.003 703	0.0044	0.0048	OK	OK
N+7. 44	32	91	DER5	-0.017994	-0.01985	0.003 308	0.003 737	0.0043	0.0049	OK	OK
N+7. 44	32	91	DER6	0.01836	0.019683	0.003 38	0.003 703	0.0044	0.0048	OK	OK
N+7. 44	32	91	DER6	-0.017994	-0.01985	0.003 308	0.003 737	0.0043	0.0049	OK	OK
N+7. 44	32	91	DER7	0.01836	0.019683	0.003 38	0.003 703	0.0044	0.0048	OK	OK
N+7. 44	32	91	DER7	-0.017994	-0.01985	0.003 308	0.003 737	0.0043	0.0049	OK	OK
N+7. 44	32	91	DER8	0.01836	0.019683	0.003 38	0.003 703	0.0044	0.0048	OK	OK
N+7. 44	32	91	DER8	-0.017994	-0.01985	0.003 308	0.003 737	0.0043	0.0049	OK	OK
N+7. 44	33	124	DER1	0.008514	0.010573	0.001 465	0.001 991	0.0019	0.0026		
N+7. 44	33	124	DER1	-0.008554	-0.010606	0.001 472	0.001 998	0.0019	0.0026		
N+7. 44	33	124	DER2	0.008514	0.010573	0.001 465	0.001 991	0.0019	0.0026		
N+7. 44	33	124	DER2	-0.008554	-0.010606	0.001 472	0.001 998	0.0019	0.0026		
N+7. 44	33	124	DER3	0.008514	0.010573	0.001 465	0.001 991	0.0019	0.0026		
N+7. 44	33	124	DER3	-0.008554	-0.010606	0.001 472	0.001 998	0.0019	0.0026		
N+7. 44	33	124	DER4	0.008514	0.010573	0.001 465	0.001 991	0.0019	0.0026		
N+7. 44	33	124	DER4	-0.008554	-0.010606	0.001 472	0.001 998	0.0019	0.0026		
N+7. 44	33	124	DER5	0.008404	0.016875	0.001 517	0.003 181	0.0020	0.0041		
N+7. 44	33	124	DER5	-0.008445	-0.016908	0.001 524	0.003 188	0.0020	0.0041		

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N+7. 44	33	124	DER6	0.008404	0.016875	0.001 517	0.003 181	0.0020	0.0041		
N+7. 44	33	124	DER6	-0.008445	-0.016908	0.001 524	0.003 188	0.0020	0.0041		
N+7. 44	33	124	DER7	0.008404	0.016875	0.001 517	0.003 181	0.0020	0.0041		
N+7. 44	33	124	DER7	-0.008445	-0.016908	0.001 524	0.003 188	0.0020	0.0041		
N+7. 44	33	124	DER8	0.008404	0.016875	0.001 517	0.003 181	0.0020	0.0041		
N+7. 44	33	124	DER8	-0.008445	-0.016908	0.001 524	0.003 188	0.0020	0.0041		
N+7. 44	34	138	DER1	0.008505	0.012287	0.001 463	0.002 282	0.0019	0.0030	OK	OK
N+7. 44	34	138	DER1	-0.008545	-0.01214	0.001 471	0.002 254	0.0019	0.0029	OK	OK
N+7. 44	34	138	DER2	0.008505	0.012287	0.001 463	0.002 282	0.0019	0.0030	OK	OK
N+7. 44	34	138	DER2	-0.008545	-0.01214	0.001 471	0.002 254	0.0019	0.0029	OK	OK
N+7. 44	34	138	DER3	0.008505	0.012287	0.001 463	0.002 282	0.0019	0.0030	OK	OK
N+7. 44	34	138	DER3	-0.008545	-0.01214	0.001 471	0.002 254	0.0019	0.0029	OK	OK
N+7. 44	34	138	DER4	0.008505	0.012287	0.001 463	0.002 282	0.0019	0.0030	OK	OK
N+7. 44	34	138	DER4	-0.008545	-0.01214	0.001 471	0.002 254	0.0019	0.0029	OK	OK
N+7. 44	34	138	DER5	0.008391	0.019365	0.001 514	0.003 604	0.0020	0.0047	OK	OK
N+7. 44	34	138	DER5	-0.008431	-0.019217	0.001 521	0.003 576	0.0020	0.0046	OK	OK
N+7. 44	34	138	DER6	0.008391	0.019365	0.001 514	0.003 604	0.0020	0.0047	OK	OK
N+7. 44	34	138	DER6	-0.008431	-0.019217	0.001 521	0.003 576	0.0020	0.0046	OK	OK
N+7. 44	34	138	DER7	0.008391	0.019365	0.001 514	0.003 604	0.0020	0.0047	OK	OK
N+7. 44	34	138	DER7	-0.008431	-0.019217	0.001 521	0.003 576	0.0020	0.0046	OK	OK
N+7. 44	34	138	DER8	0.008391	0.019365	0.001 514	0.003 604	0.0020	0.0047	OK	OK
N+7. 44	34	138	DER8	-0.008431	-0.019217	0.001 521	0.003 576	0.0020	0.0046	OK	OK
N+7. 44	35	132	DER1	0.008487	0.020356	0.001 46	0.003 73	0.0019	0.0048		
N+7. 44	35	132	DER1	-0.008526	-0.019979	0.001 467	0.003 657	0.0019	0.0048		
N+7. 44	35	132	DER2	0.008487	0.020356	0.001 46	0.003 73	0.0019	0.0048		
N+7. 44	35	132	DER2	-0.008526	-0.019979	0.001 467	0.003 657	0.0019	0.0048		
N+7. 44	35	132	DER3	0.008487	0.020356	0.001 46	0.003 73	0.0019	0.0048		
N+7. 44	35	132	DER3	-0.008526	-0.019979	0.001 467	0.003 657	0.0019	0.0048		

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N+7.						0.001	0.003					
44	35	132	DER4	0.008487	0.020356	46	73	0.0019	0.0048			
N+7.						0.001	0.003					
44	35	132	DER4	-0.008526	-0.019979	467	657	0.0019	0.0048			
N+7.						0.001	0.005					
44	35	132	DER5	0.008363	0.029549	509	441	0.0020	0.0071			
N+7.						0.001	0.005					
44	35	132	DER5	-0.008403	-0.029172	516	367	0.0020	0.0070			
N+7.						0.001	0.005					
44	35	132	DER6	0.008363	0.029549	509	441	0.0020	0.0071			
N+7.						0.001	0.005					
44	35	132	DER6	-0.008403	-0.029172	516	367	0.0020	0.0070			
N+7.						0.001	0.005					
44	35	132	DER7	0.008363	0.029549	509	441	0.0020	0.0071			
N+7.						0.001	0.005					
44	35	132	DER7	-0.008403	-0.029172	516	367	0.0020	0.0070			
N+7.						0.001	0.005					
44	35	132	DER8	0.008363	0.029549	509	441	0.0020	0.0071			
N+7.						0.001	0.005					
44	35	132	DER8	-0.008403	-0.029172	516	367	0.0020	0.0070			
N+7.						0.001	0.004					
44	37	131	DER1	0.008496	0.022648	462	146	0.0019	0.0054			
N+7.						0.001	0.004					
44	37	131	DER1	-0.008536	-0.022216	469	061	0.0019	0.0053			
N+7.						0.001	0.004					
44	37	131	DER2	0.008496	0.022648	462	146	0.0019	0.0054			
N+7.						0.001	0.004					
44	37	131	DER2	-0.008536	-0.022216	469	061	0.0019	0.0053			
N+7.						0.001	0.004					
44	37	131	DER3	0.008496	0.022648	462	146	0.0019	0.0054			
N+7.						0.001	0.004					
44	37	131	DER3	-0.008536	-0.022216	469	061	0.0019	0.0053			
N+7.						0.001	0.004					
44	37	131	DER4	0.008496	0.022648	462	146	0.0019	0.0054			
N+7.						0.001	0.004					
44	37	131	DER4	-0.008536	-0.022216	469	061	0.0019	0.0053			
N+7.						0.001	0.005					
44	37	131	DER5	0.008377	0.032503	512	979	0.0020	0.0078			
N+7.						0.001	0.005					
44	37	131	DER5	-0.008417	-0.032071	519	894	0.0020	0.0077			
N+7.						0.001	0.005					
44	37	131	DER6	0.008377	0.032503	512	979	0.0020	0.0078			
N+7.						0.001	0.005					
44	37	131	DER6	-0.008417	-0.032071	519	894	0.0020	0.0077			
N+7.						0.001	0.005					
44	37	131	DER7	0.008377	0.032503	512	979	0.0020	0.0078			
N+7.						0.001	0.005					
44	37	131	DER7	-0.008417	-0.032071	519	894	0.0020	0.0077			
N+7.						0.001	0.005					
44	37	131	DER8	0.008377	0.032503	512	979	0.0020	0.0078			
N+7.						0.001	0.005					
44	37	131	DER8	-0.008417	-0.032071	519	894	0.0020	0.0077			
N+7.						0.000	0.002					
44	38	139	DER1	0.004927	0.011707	809	198	0.0011	0.0029	OK	OK	
N+7.						0.000	0.002					
44	38	139	DER1	-0.004858	-0.011811	795	219	0.0010	0.0029	OK	OK	

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N+7. 44	38	139	DER2	0.004927	0.011707	0.000 809	0.002 198	0.0011	0.0029	OK	OK
N+7. 44	38	139	DER2	-0.004858	-0.011811	0.000 795	0.002 219	0.0010	0.0029	OK	OK
N+7. 44	38	139	DER3	0.004927	0.011707	0.000 809	0.002 198	0.0011	0.0029	OK	OK
N+7. 44	38	139	DER3	-0.004858	-0.011811	0.000 795	0.002 219	0.0010	0.0029	OK	OK
N+7. 44	38	139	DER4	0.004927	0.011707	0.000 809	0.002 198	0.0011	0.0029	OK	OK
N+7. 44	38	139	DER4	-0.004858	-0.011811	0.000 795	0.002 219	0.0010	0.0029	OK	OK
N+7. 44	38	139	DER5	0.002403	0.017949	0.000 403	0.003 384	0.0005	0.0044	OK	OK
N+7. 44	38	139	DER5	-0.002333	-0.018053	0.000 389	0.003 405	0.0005	0.0044	OK	OK
N+7. 44	38	139	DER6	0.002403	0.017949	0.000 403	0.003 384	0.0005	0.0044	OK	OK
N+7. 44	38	139	DER6	-0.002333	-0.018053	0.000 389	0.003 405	0.0005	0.0044	OK	OK
N+7. 44	38	139	DER7	0.002403	0.017949	0.000 403	0.003 384	0.0005	0.0044	OK	OK
N+7. 44	38	139	DER7	-0.002333	-0.018053	0.000 389	0.003 405	0.0005	0.0044	OK	OK
N+7. 44	38	139	DER8	0.002403	0.017949	0.000 403	0.003 384	0.0005	0.0044	OK	OK
N+7. 44	38	139	DER8	-0.002333	-0.018053	0.000 389	0.003 405	0.0005	0.0044	OK	OK
N+7. 44	39	126	DER1	0.004915	0.012302	0.000 807	0.002 285	0.0010	0.0030		
N+7. 44	39	126	DER1	-0.004845	-0.012154	0.000 793	0.002 256	0.0010	0.0029		
N+7. 44	39	126	DER2	0.004915	0.012302	0.000 807	0.002 285	0.0010	0.0030		
N+7. 44	39	126	DER2	-0.004845	-0.012154	0.000 793	0.002 256	0.0010	0.0029		
N+7. 44	39	126	DER3	0.004915	0.012302	0.000 807	0.002 285	0.0010	0.0030		
N+7. 44	39	126	DER3	-0.004845	-0.012154	0.000 793	0.002 256	0.0010	0.0029		
N+7. 44	39	126	DER4	0.004915	0.012302	0.000 807	0.002 285	0.0010	0.0030		
N+7. 44	39	126	DER4	-0.004845	-0.012154	0.000 793	0.002 256	0.0010	0.0029		
N+7. 44	39	126	DER5	0.002385	0.019383	0.000 4	0.003 608	0.0005	0.0047		
N+7. 44	39	126	DER5	-0.002315	-0.019235	0.000 385	0.003 579	0.0005	0.0047		
N+7. 44	39	126	DER6	0.002385	0.019383	0.000 4	0.003 608	0.0005	0.0047		
N+7. 44	39	126	DER6	-0.002315	-0.019235	0.000 385	0.003 579	0.0005	0.0047		
N+7. 44	39	126	DER7	0.002385	0.019383	0.000 4	0.003 608	0.0005	0.0047		
N+7. 44	39	126	DER7	-0.002315	-0.019235	0.000 385	0.003 579	0.0005	0.0047		

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N+7. 44	39	126	DER8	0.002385	0.019383	0.000 4	0.003 608	0.0005	0.0047
N+7. 44	39	126	DER8	-0.002315	-0.019235	0.000 385	0.003 579	0.0005	0.0047
N+7. 44	40	127	DER1	0.004912	0.020089	0.000 806	0.003 682	0.0010	0.0048
N+7. 44	40	127	DER1	-0.004841	-0.019718	0.000 792	0.003 609	0.0010	0.0047
N+7. 44	40	127	DER2	0.004912	0.020089	0.000 806	0.003 682	0.0010	0.0048
N+7. 44	40	127	DER2	-0.004841	-0.019718	0.000 792	0.003 609	0.0010	0.0047
N+7. 44	40	127	DER3	0.004912	0.020089	0.000 806	0.003 682	0.0010	0.0048
N+7. 44	40	127	DER3	-0.004841	-0.019718	0.000 792	0.003 609	0.0010	0.0047
N+7. 44	40	127	DER4	0.004912	0.020089	0.000 806	0.003 682	0.0010	0.0048
N+7. 44	40	127	DER4	-0.004841	-0.019718	0.000 792	0.003 609	0.0010	0.0047
N+7. 44	40	127	DER5	0.002379	0.029205	0.000 398	0.005 379	0.0005	0.0070
N+7. 44	40	127	DER5	-0.002309	-0.028835	0.000 384	0.005 306	0.0005	0.0069
N+7. 44	40	127	DER6	0.002379	0.029205	0.000 398	0.005 379	0.0005	0.0070
N+7. 44	40	127	DER6	-0.002309	-0.028835	0.000 384	0.005 306	0.0005	0.0069
N+7. 44	40	127	DER7	0.002379	0.029205	0.000 398	0.005 379	0.0005	0.0070
N+7. 44	40	127	DER7	-0.002309	-0.028835	0.000 384	0.005 306	0.0005	0.0069
N+7. 44	40	127	DER8	0.002379	0.029205	0.000 398	0.005 379	0.0005	0.0070
N+7. 44	40	127	DER8	-0.002309	-0.028835	0.000 384	0.005 306	0.0005	0.0069
N+7. 44	41	130	DER1	0.004917	0.022619	0.000 807	0.004 14	0.0010	0.0054
N+7. 44	41	130	DER1	-0.004847	-0.022187	0.000 793	0.004 056	0.0010	0.0053
N+7. 44	41	130	DER2	0.004917	0.022619	0.000 807	0.004 14	0.0010	0.0054
N+7. 44	41	130	DER2	-0.004847	-0.022187	0.000 793	0.004 056	0.0010	0.0053
N+7. 44	41	130	DER3	0.004917	0.022619	0.000 807	0.004 14	0.0010	0.0054
N+7. 44	41	130	DER3	-0.004847	-0.022187	0.000 793	0.004 056	0.0010	0.0053
N+7. 44	41	130	DER4	0.004917	0.022619	0.000 807	0.004 14	0.0010	0.0054
N+7. 44	41	130	DER4	-0.004847	-0.022187	0.000 793	0.004 056	0.0010	0.0053
N+7. 44	41	130	DER5	0.002388	0.032465	0.000 4	0.005 972	0.0005	0.0078
N+7. 44	41	130	DER5	-0.002318	-0.032034	0.000 386	0.005 888	0.0005	0.0077

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N+7. 44	41	130	DER6	0.002388	0.032465	0.000 4	0.005 972	0.0005	0.0078			
N+7. 44	41	130	DER6	-0.002318	-0.032034	0.000 386	0.005 888	0.0005	0.0077			
N+7. 44	41	130	DER7	0.002388	0.032465	0.000 4	0.005 972	0.0005	0.0078			
N+7. 44	41	130	DER7	-0.002318	-0.032034	0.000 386	0.005 888	0.0005	0.0077			
N+7. 44	41	130	DER8	0.002388	0.032465	0.000 4	0.005 972	0.0005	0.0078			
N+7. 44	41	130	DER8	-0.002318	-0.032034	0.000 386	0.005 888	0.0005	0.0077			
N+7. 44	42	136	DER1	0.006717	0.011722	0.001 191	0.002 2	0.0015	0.0029	OK	OK	
N+7. 44	42	136	DER1	-0.006527	-0.011827	0.001 153	0.002 222	0.0015	0.0029	OK	OK	
N+7. 44	42	136	DER2	0.006717	0.011722	0.001 191	0.002 2	0.0015	0.0029	OK	OK	
N+7. 44	42	136	DER2	-0.006527	-0.011827	0.001 153	0.002 222	0.0015	0.0029	OK	OK	
N+7. 44	42	136	DER3	0.006717	0.011722	0.001 191	0.002 2	0.0015	0.0029	OK	OK	
N+7. 44	42	136	DER3	-0.006527	-0.011827	0.001 153	0.002 222	0.0015	0.0029	OK	OK	
N+7. 44	42	136	DER4	0.006717	0.011722	0.001 191	0.002 2	0.0015	0.0029	OK	OK	
N+7. 44	42	136	DER4	-0.006527	-0.011827	0.001 153	0.002 222	0.0015	0.0029	OK	OK	
N+7. 44	42	136	DER5	0.007656	0.017964	0.001 394	0.003 387	0.0018	0.0044	OK	OK	
N+7. 44	42	136	DER5	-0.007466	-0.01807	0.001 356	0.003 408	0.0018	0.0044	OK	OK	
N+7. 44	42	136	DER6	0.007656	0.017964	0.001 394	0.003 387	0.0018	0.0044	OK	OK	
N+7. 44	42	136	DER6	-0.007466	-0.01807	0.001 356	0.003 408	0.0018	0.0044	OK	OK	
N+7. 44	42	136	DER7	0.007656	0.017964	0.001 394	0.003 387	0.0018	0.0044	OK	OK	
N+7. 44	42	136	DER7	-0.007466	-0.01807	0.001 356	0.003 408	0.0018	0.0044	OK	OK	
N+7. 44	42	136	DER8	0.007656	0.017964	0.001 394	0.003 387	0.0018	0.0044	OK	OK	
N+7. 44	42	136	DER8	-0.007466	-0.01807	0.001 356	0.003 408	0.0018	0.0044	OK	OK	
N+7. 44	43	206	DER1	0.006717	0.012296	0.001 191	0.002 284	0.0015	0.0030			
N+7. 44	43	206	DER1	-0.006527	-0.012148	0.001 153	0.002 255	0.0015	0.0029			
N+7. 44	43	206	DER2	0.006717	0.012296	0.001 191	0.002 284	0.0015	0.0030			
N+7. 44	43	206	DER2	-0.006527	-0.012148	0.001 153	0.002 255	0.0015	0.0029			
N+7. 44	43	206	DER3	0.006717	0.012296	0.001 191	0.002 284	0.0015	0.0030			
N+7. 44	43	206	DER3	-0.006527	-0.012148	0.001 153	0.002 255	0.0015	0.0029			

N+7.									
44	43	206	DER4	0.006717	0.012296	0.001 191	0.002 284	0.0015	0.0030
N+7.						0.001	0.002		
44	43	206	DER4	-0.006527	-0.012148	153	255	0.0015	0.0029
N+7.						0.001	0.003		
44	43	206	DER5	0.007656	0.019376	394	606	0.0018	0.0047
N+7.						0.001	0.003		
44	43	206	DER5	-0.007466	-0.019228	356	578	0.0018	0.0047
N+7.						0.001	0.003		
44	43	206	DER6	0.007656	0.019376	394	606	0.0018	0.0047
N+7.						0.001	0.003		
44	43	206	DER6	-0.007466	-0.019228	356	578	0.0018	0.0047
N+7.						0.001	0.003		
44	43	206	DER7	0.007656	0.019376	394	606	0.0018	0.0047
N+7.						0.001	0.003		
44	43	206	DER7	-0.007466	-0.019228	356	578	0.0018	0.0047
N+7.						0.001	0.003		
44	43	206	DER8	0.007656	0.019376	394	606	0.0018	0.0047
N+7.						0.001	0.003		
44	43	206	DER8	-0.007466	-0.019228	356	578	0.0018	0.0047
N+7.						0.001	0.003		
44	44	128	DER1	0.006741	0.020094	196	683	0.0016	0.0048
N+7.						0.001	0.003		
44	44	128	DER1	-0.00655	-0.019723	157	61	0.0015	0.0047
N+7.						0.001	0.003		
44	44	128	DER2	0.006741	0.020094	196	683	0.0016	0.0048
N+7.						0.001	0.003		
44	44	128	DER2	-0.00655	-0.019723	157	61	0.0015	0.0047
N+7.						0.001	0.003		
44	44	128	DER3	0.006741	0.020094	196	683	0.0016	0.0048
N+7.						0.001	0.003		
44	44	128	DER3	-0.00655	-0.019723	157	61	0.0015	0.0047
N+7.						0.001	0.003		
44	44	128	DER4	0.006741	0.020094	196	683	0.0016	0.0048
N+7.						0.001	0.003		
44	44	128	DER4	-0.00655	-0.019723	157	61	0.0015	0.0047
N+7.						0.001	0.005		
44	44	128	DER5	0.007703	0.029211	403	38	0.0018	0.0070
N+7.						0.001	0.005		
44	44	128	DER5	-0.007512	-0.028841	365	307	0.0018	0.0069
N+7.						0.001	0.005		
44	44	128	DER6	0.007703	0.029211	403	38	0.0018	0.0070
N+7.						0.001	0.005		
44	44	128	DER6	-0.007512	-0.028841	365	307	0.0018	0.0069
N+7.						0.001	0.005		
44	44	128	DER7	0.007703	0.029211	403	38	0.0018	0.0070
N+7.						0.001	0.005		
44	44	128	DER7	-0.007512	-0.028841	365	307	0.0018	0.0069
N+7.						0.001	0.005		
44	44	128	DER8	0.007703	0.029211	403	38	0.0018	0.0070
N+7.						0.001	0.005		
44	44	128	DER8	-0.007512	-0.028841	365	307	0.0018	0.0069
N+7.						0.001	0.004		
44	45	129	DER1	0.006741	0.022624	196	141	0.0016	0.0054
N+7.						0.001	0.004		
44	45	129	DER1	-0.00655	-0.022192	157	057	0.0015	0.0053

N+7. 44	45	129	DER2	0.006741	0.022624	0.001 196	0.004 141	0.0016	0.0054		
N+7. 44	45	129	DER2	-0.00655	-0.022192	0.001 157	0.004 057	0.0015	0.0053		
N+7. 44	45	129	DER3	0.006741	0.022624	0.001 196	0.004 141	0.0016	0.0054		
N+7. 44	45	129	DER3	-0.00655	-0.022192	0.001 157	0.004 057	0.0015	0.0053		
N+7. 44	45	129	DER4	0.006741	0.022624	0.001 196	0.004 141	0.0016	0.0054		
N+7. 44	45	129	DER4	-0.00655	-0.022192	0.001 157	0.004 057	0.0015	0.0053		
N+7. 44	45	129	DER5	0.007703	0.032472	0.001 403	0.005 973	0.0018	0.0078		
N+7. 44	45	129	DER5	-0.007512	-0.03204	0.001 365	0.005 889	0.0018	0.0077		
N+7. 44	45	129	DER6	0.007703	0.032472	0.001 403	0.005 973	0.0018	0.0078		
N+7. 44	45	129	DER6	-0.007512	-0.03204	0.001 365	0.005 889	0.0018	0.0077		
N+7. 44	45	129	DER7	0.007703	0.032472	0.001 403	0.005 973	0.0018	0.0078		
N+7. 44	45	129	DER7	-0.007512	-0.03204	0.001 365	0.005 889	0.0018	0.0077		
N+7. 44	45	129	DER8	0.007703	0.032472	0.001 403	0.005 973	0.0018	0.0078		
N+7. 44	45	129	DER8	-0.007512	-0.03204	0.001 365	0.005 889	0.0018	0.0077		
N+7. 44	46	156	DER1	0.016056	0.011712	0.002 958	0.002 199	0.0038	0.0029	OK	OK
N+7. 44	46	156	DER1	-0.015633	-0.011817	0.002 873	0.002 22	0.0037	0.0029	OK	OK
N+7. 44	46	156	DER2	0.016056	0.011712	0.002 958	0.002 199	0.0038	0.0029	OK	OK
N+7. 44	46	156	DER2	-0.015633	-0.011817	0.002 873	0.002 22	0.0037	0.0029	OK	OK
N+7. 44	46	156	DER3	0.016056	0.011712	0.002 958	0.002 199	0.0038	0.0029	OK	OK
N+7. 44	46	156	DER3	-0.015633	-0.011817	0.002 873	0.002 22	0.0037	0.0029	OK	OK
N+7. 44	46	156	DER4	0.016056	0.011712	0.002 958	0.002 199	0.0038	0.0029	OK	OK
N+7. 44	46	156	DER4	-0.015633	-0.011817	0.002 873	0.002 22	0.0037	0.0029	OK	OK
N+7. 44	46	156	DER5	0.021983	0.017954	0.004 049	0.003 385	0.0053	0.0044	OK	NC
N+7. 44	46	156	DER5	-0.021559	-0.018059	0.003 965	0.003 406	0.0052	0.0044	OK	OK
N+7. 44	46	156	DER6	0.021983	0.017954	0.004 049	0.003 385	0.0053	0.0044	OK	OK
N+7. 44	46	156	DER6	-0.021559	-0.018059	0.003 965	0.003 406	0.0052	0.0044	OK	OK
N+7. 44	46	156	DER7	0.021983	0.017954	0.004 049	0.003 385	0.0053	0.0044	OK	OK
N+7. 44	46	156	DER7	-0.021559	-0.018059	0.003 965	0.003 406	0.0052	0.0044	OK	OK

N+7. 44	46	156	DER8	0.021983	0.017954	0.004 049	0.003 385	0.0053	0.0044	OK	OK
N+7. 44	46	156	DER8	-0.021559	-0.018059	0.003 965	0.003 406	0.0052	0.0044	OK	OK
N+7. 44	47	201	DER1	0.016067	0.012284	0.002 959	0.002 282	0.0038	0.0030	OK	OK
N+7. 44	47	201	DER1	-0.015643	-0.012137	0.002 875	0.002 253	0.0037	0.0029	OK	OK
N+7. 44	47	201	DER2	0.016067	0.012284	0.002 959	0.002 282	0.0038	0.0030	OK	OK
N+7. 44	47	201	DER2	-0.015643	-0.012137	0.002 875	0.002 253	0.0037	0.0029	OK	OK
N+7. 44	47	201	DER3	0.016067	0.012284	0.002 959	0.002 282	0.0038	0.0030	OK	OK
N+7. 44	47	201	DER3	-0.015643	-0.012137	0.002 875	0.002 253	0.0037	0.0029	OK	OK
N+7. 44	47	201	DER4	0.016067	0.012284	0.002 959	0.002 282	0.0038	0.0030	OK	OK
N+7. 44	47	201	DER4	-0.015643	-0.012137	0.002 875	0.002 253	0.0037	0.0029	OK	OK
N+7. 44	47	201	DER5	0.021997	0.019361	0.004 052	0.003 604	0.0053	0.0047	OK	OK
N+7. 44	47	201	DER5	-0.021573	-0.019214	0.003 968	0.003 575	0.0052	0.0046	OK	OK
N+7. 44	47	201	DER6	0.021997	0.019361	0.004 052	0.003 604	0.0053	0.0047	OK	OK
N+7. 44	47	201	DER6	-0.021573	-0.019214	0.003 968	0.003 575	0.0052	0.0046	OK	OK
N+7. 44	47	201	DER7	0.021997	0.019361	0.004 052	0.003 604	0.0053	0.0047	OK	OK
N+7. 44	47	201	DER7	-0.021573	-0.019214	0.003 968	0.003 575	0.0052	0.0046	OK	OK
N+7. 44	47	201	DER8	0.021997	0.019361	0.004 052	0.003 604	0.0053	0.0047	OK	OK
N+7. 44	47	201	DER8	-0.021573	-0.019214	0.003 968	0.003 575	0.0052	0.0046	OK	OK
N+7. 44	48	203	DER1	0.016077	0.020094	0.002 961	0.003 683	0.0038	0.0048		
N+7. 44	48	203	DER1	-0.015653	-0.019723	0.002 877	0.003 61	0.0037	0.0047		
N+7. 44	48	203	DER2	0.016077	0.020094	0.002 961	0.003 683	0.0038	0.0048		
N+7. 44	48	203	DER2	-0.015653	-0.019723	0.002 877	0.003 61	0.0037	0.0047		
N+7. 44	48	203	DER3	0.016077	0.020094	0.002 961	0.003 683	0.0038	0.0048		
N+7. 44	48	203	DER3	-0.015653	-0.019723	0.002 877	0.003 61	0.0037	0.0047		
N+7. 44	48	203	DER4	0.016077	0.020094	0.002 961	0.003 683	0.0038	0.0048		
N+7. 44	48	203	DER4	-0.015653	-0.019723	0.002 877	0.003 61	0.0037	0.0047		
N+7. 44	48	203	DER5	0.022012	0.029211	0.004 055	0.005 38	0.0053	0.0070		
N+7. 44	48	203	DER5	-0.021588	-0.028841	0.003 97	0.005 307	0.0052	0.0069		

N+7. 44	48	203	DER6	0.022012	0.029211	0.004055	0.005038	0.0053	0.0070		
N+7. 44	48	203	DER6	-0.021588	-0.028841	0.00397	0.005307	0.0052	0.0069		
N+7. 44	48	203	DER7	0.022012	0.029211	0.004055	0.005038	0.0053	0.0070		
N+7. 44	48	203	DER7	-0.021588	-0.028841	0.00397	0.005307	0.0052	0.0069		
N+7. 44	48	203	DER8	0.022012	0.029211	0.004055	0.005038	0.0053	0.0070		
N+7. 44	48	203	DER8	-0.021588	-0.028841	0.00397	0.005307	0.0052	0.0069		
N+7. 44	57	151	DER1	0.015964	0.013301	0.002094	0.002486	0.0038	0.0032	OK	OK
N+7. 44	57	151	DER1	-0.015542	-0.013468	0.002857	0.002519	0.0037	0.0033	OK	OK
N+7. 44	57	151	DER2	0.015964	0.013301	0.002094	0.002486	0.0038	0.0032	OK	OK
N+7. 44	57	151	DER2	-0.015542	-0.013468	0.002857	0.002519	0.0037	0.0033	OK	OK
N+7. 44	57	151	DER3	0.015964	0.013301	0.002094	0.002486	0.0038	0.0032	OK	OK
N+7. 44	57	151	DER3	-0.015542	-0.013468	0.002857	0.002519	0.0037	0.0033	OK	OK
N+7. 44	57	151	DER4	0.015964	0.013301	0.002094	0.002486	0.0038	0.0032	OK	OK
N+7. 44	57	151	DER4	-0.015542	-0.013468	0.002857	0.002519	0.0037	0.0033	OK	OK
N+7. 44	57	151	DER5	0.021853	0.019683	0.004025	0.003703	0.0052	0.0048	OK	OK
N+7. 44	57	151	DER5	-0.021431	-0.01985	0.003942	0.003737	0.0051	0.0049	OK	OK
N+7. 44	57	151	DER6	0.021853	0.019683	0.004025	0.003703	0.0052	0.0048	OK	OK
N+7. 44	57	151	DER6	-0.021431	-0.01985	0.003942	0.003737	0.0051	0.0049	OK	OK
N+7. 44	57	151	DER7	0.021853	0.019683	0.004025	0.003703	0.0052	0.0048	OK	OK
N+7. 44	57	151	DER7	-0.021431	-0.01985	0.003942	0.003737	0.0051	0.0049	OK	OK
N+7. 44	57	151	DER8	0.021853	0.019683	0.004025	0.003703	0.0052	0.0048	OK	OK
N+7. 44	57	151	DER8	-0.021431	-0.01985	0.003942	0.003737	0.0051	0.0049	OK	OK
N+7. 44	51	175	DER1	0.00492	0.010468	0.000808	0.000966	0.0011	0.0026	OK	OK
N+7. 44	51	175	DER1	-0.00485	-0.01043	0.000794	0.000959	0.0010	0.0025	OK	OK
N+7. 44	51	175	DER2	0.00492	0.010468	0.000808	0.000966	0.0011	0.0026	OK	OK
N+7. 44	51	175	DER2	-0.00485	-0.01043	0.000794	0.000959	0.0010	0.0025	OK	OK
N+7. 44	51	175	DER3	0.00492	0.010468	0.000808	0.000966	0.0011	0.0026	OK	OK
N+7. 44	51	175	DER3	-0.00485	-0.01043	0.000794	0.000959	0.0010	0.0025	OK	OK

N+7. 44	51	175	DER4	0.00492	0.010468	0.000 808	0.001 966	0.0011	0.0026	OK	OK
N+7. 44	51	175	DER4	-0.00485	-0.01043	0.000 794	0.001 959	0.0010	0.0025	OK	OK
N+7. 44	51	175	DER5	0.002392	0.016995	0.000 401	0.003 192	0.0005	0.0041	OK	OK
N+7. 44	51	175	DER5	-0.002322	-0.016956	0.000 387	0.003 185	0.0005	0.0041	OK	OK
N+7. 44	51	175	DER6	0.002392	0.016995	0.000 401	0.003 192	0.0005	0.0041	OK	OK
N+7. 44	51	175	DER6	-0.002322	-0.016956	0.000 387	0.003 185	0.0005	0.0041	OK	OK
N+7. 44	51	175	DER7	0.002392	0.016995	0.000 401	0.003 192	0.0005	0.0041	OK	OK
N+7. 44	51	175	DER7	-0.002322	-0.016956	0.000 387	0.003 185	0.0005	0.0041	OK	OK
N+7. 44	51	175	DER8	0.002392	0.016995	0.000 401	0.003 192	0.0005	0.0041	OK	OK
N+7. 44	51	175	DER8	-0.002322	-0.016956	0.000 387	0.003 185	0.0005	0.0041	OK	OK
N+7. 44	60	137	DER1	0.006717	0.010468	0.001 191	0.001 966	0.0015	0.0026	OK	OK
N+7. 44	60	137	DER1	-0.006527	-0.01043	0.001 153	0.001 959	0.0015	0.0025	OK	OK
N+7. 44	60	137	DER2	0.006717	0.010468	0.001 191	0.001 966	0.0015	0.0026	OK	OK
N+7. 44	60	137	DER2	-0.006527	-0.01043	0.001 153	0.001 959	0.0015	0.0025	OK	OK
N+7. 44	60	137	DER3	0.006717	0.010468	0.001 191	0.001 966	0.0015	0.0026	OK	OK
N+7. 44	60	137	DER3	-0.006527	-0.01043	0.001 153	0.001 959	0.0015	0.0025	OK	OK
N+7. 44	60	137	DER4	0.006717	0.010468	0.001 191	0.001 966	0.0015	0.0026	OK	OK
N+7. 44	60	137	DER4	-0.006527	-0.01043	0.001 153	0.001 959	0.0015	0.0025	OK	OK
N+7. 44	60	137	DER5	0.007656	0.016995	0.001 394	0.003 192	0.0018	0.0041	OK	OK
N+7. 44	60	137	DER5	-0.007466	-0.016956	0.001 356	0.003 185	0.0018	0.0041	OK	OK
N+7. 44	60	137	DER6	0.007656	0.016995	0.001 394	0.003 192	0.0018	0.0041	OK	OK
N+7. 44	60	137	DER6	-0.007466	-0.016956	0.001 356	0.003 185	0.0018	0.0041	OK	OK
N+7. 44	60	137	DER7	0.007656	0.016995	0.001 394	0.003 192	0.0018	0.0041	OK	OK
N+7. 44	60	137	DER7	-0.007466	-0.016956	0.001 356	0.003 185	0.0018	0.0041	OK	OK
N+7. 44	60	137	DER8	0.007656	0.016995	0.001 394	0.003 192	0.0018	0.0041	OK	OK
N+7. 44	60	137	DER8	-0.007466	-0.016956	0.001 356	0.003 185	0.0018	0.0041	OK	OK
N+7. 44	95	199	DER1	0.004846	0.010424	0.000 803	0.001 963	0.0010	0.0026	OK	OK
N+7. 44	95	199	DER1	-0.004747	-0.010435	0.000 783	0.001 965	0.0010	0.0026	OK	OK

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N+7. 44	95	199	DER2	0.004846	0.010424	0.000 803	0.001 963	0.0010	0.0026	OK	OK
N+7. 44	95	199	DER2	-0.004747	-0.010435	0.000 783	0.001 965	0.0010	0.0026	OK	OK
N+7. 44	95	199	DER3	0.004846	0.010424	0.000 803	0.001 963	0.0010	0.0026	OK	OK
N+7. 44	95	199	DER3	-0.004747	-0.010435	0.000 783	0.001 965	0.0010	0.0026	OK	OK
N+7. 44	95	199	DER4	0.004846	0.010424	0.000 803	0.001 963	0.0010	0.0026	OK	OK
N+7. 44	95	199	DER4	-0.004747	-0.010435	0.000 783	0.001 965	0.0010	0.0026	OK	OK
N+7. 44	95	199	DER5	0.002808	0.016782	0.000 483	0.003 161	0.0006	0.0041	OK	OK
N+7. 44	95	199	DER5	-0.002709	-0.016793	0.000 462	0.003 163	0.0006	0.0041	OK	OK
N+7. 44	95	199	DER6	0.002808	0.016782	0.000 483	0.003 161	0.0006	0.0041	OK	OK
N+7. 44	95	199	DER6	-0.002709	-0.016793	0.000 462	0.003 163	0.0006	0.0041	OK	OK
N+7. 44	95	199	DER7	0.002808	0.016782	0.000 483	0.003 161	0.0006	0.0041	OK	OK
N+7. 44	95	199	DER7	-0.002709	-0.016793	0.000 462	0.003 163	0.0006	0.0041	OK	OK
N+7. 44	95	199	DER8	0.002808	0.016782	0.000 483	0.003 161	0.0006	0.0041	OK	OK
N+7. 44	95	199	DER8	-0.002709	-0.016793	0.000 462	0.003 163	0.0006	0.0041	OK	OK
N+7. 44	96	200	DER1	0.005536	0.010424	0.000 951	0.001 963	0.0012	0.0026	OK	OK
N+7. 44	96	200	DER1	-0.005392	-0.010435	0.000 922	0.001 965	0.0012	0.0026	OK	OK
N+7. 44	96	200	DER2	0.005536	0.010424	0.000 951	0.001 963	0.0012	0.0026	OK	OK
N+7. 44	96	200	DER2	-0.005392	-0.010435	0.000 922	0.001 965	0.0012	0.0026	OK	OK
N+7. 44	96	200	DER3	0.005536	0.010424	0.000 951	0.001 963	0.0012	0.0026	OK	OK
N+7. 44	96	200	DER3	-0.005392	-0.010435	0.000 922	0.001 965	0.0012	0.0026	OK	OK
N+7. 44	96	200	DER4	0.005536	0.010424	0.000 951	0.001 963	0.0012	0.0026	OK	OK
N+7. 44	96	200	DER4	-0.005392	-0.010435	0.000 922	0.001 965	0.0012	0.0026	OK	OK
N+7. 44	96	200	DER5	0.005072	0.016782	0.000 91	0.003 161	0.0012	0.0041	OK	OK
N+7. 44	96	200	DER5	-0.004928	-0.016793	0.000 881	0.003 163	0.0011	0.0041	OK	OK
N+7. 44	96	200	DER6	0.005072	0.016782	0.000 91	0.003 161	0.0012	0.0041	OK	OK
N+7. 44	96	200	DER6	-0.004928	-0.016793	0.000 881	0.003 163	0.0011	0.0041	OK	OK
N+7. 44	96	200	DER7	0.005072	0.016782	0.000 91	0.003 161	0.0012	0.0041	OK	OK
N+7. 44	96	200	DER7	-0.004928	-0.016793	0.000 881	0.003 163	0.0011	0.0041	OK	OK

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N+7. 44	96	200	DER8	0.005072	0.016782	0.000 91	0.003 161	0.0012	0.0041	OK	OK
N+7. 44	96	200	DER8	-0.004928	-0.016793	0.000 881	0.003 163	0.0011	0.0041	OK	OK
N+7. 44	3	72	DER1	0.005165	0.010468	0.000 873	0.001 966	0.0011	0.0026	OK	OK
N+7. 44	3	72	DER1	-0.005041	-0.01043	0.000 848	0.001 959	0.0011	0.0025	OK	OK
N+7. 44	3	72	DER2	0.005165	0.010468	0.000 873	0.001 966	0.0011	0.0026	OK	OK
N+7. 44	3	72	DER2	-0.005041	-0.01043	0.000 848	0.001 959	0.0011	0.0025	OK	OK
N+7. 44	3	72	DER3	0.005165	0.010468	0.000 873	0.001 966	0.0011	0.0026	OK	OK
N+7. 44	3	72	DER3	-0.005041	-0.01043	0.000 848	0.001 959	0.0011	0.0025	OK	OK
N+7. 44	3	72	DER4	0.005165	0.010468	0.000 873	0.001 966	0.0011	0.0026	OK	OK
N+7. 44	3	72	DER4	-0.005041	-0.01043	0.000 848	0.001 959	0.0011	0.0025	OK	OK
N+7. 44	3	72	DER5	0.004017	0.016995	0.000 712	0.003 192	0.0009	0.0041	OK	OK
N+7. 44	3	72	DER5	-0.003892	-0.016956	0.000 687	0.003 185	0.0009	0.0041	OK	OK
N+7. 44	3	72	DER6	0.004017	0.016995	0.000 712	0.003 192	0.0009	0.0041	OK	OK
N+7. 44	3	72	DER6	-0.003892	-0.016956	0.000 687	0.003 185	0.0009	0.0041	OK	OK
N+7. 44	3	72	DER7	0.004017	0.016995	0.000 712	0.003 192	0.0009	0.0041	OK	OK
N+7. 44	3	72	DER7	-0.003892	-0.016956	0.000 687	0.003 185	0.0009	0.0041	OK	OK
N+7. 44	3	72	DER8	0.004017	0.016995	0.000 712	0.003 192	0.0009	0.0041	OK	OK
N+7. 44	3	72	DER8	-0.003892	-0.016956	0.000 687	0.003 185	0.0009	0.0041	OK	OK
N+7. 44	13	88	DER1	0.005406	0.011707	0.000 924	0.002 198	0.0012	0.0029	OK	OK
N+7. 44	13	88	DER1	-0.005268	-0.011811	0.000 896	0.002 219	0.0012	0.0029	OK	OK
N+7. 44	13	88	DER2	0.005406	0.011707	0.000 924	0.002 198	0.0012	0.0029		
N+7. 44	13	88	DER2	-0.005268	-0.011811	0.000 896	0.002 219	0.0012	0.0029		
N+7. 44	13	88	DER3	0.005406	0.011707	0.000 924	0.002 198	0.0012	0.0029		
N+7. 44	13	88	DER3	-0.005268	-0.011811	0.000 896	0.002 219	0.0012	0.0029		
N+7. 44	13	88	DER4	0.005406	0.011707	0.000 924	0.002 198	0.0012	0.0029		
N+7. 44	13	88	DER4	-0.005268	-0.011811	0.000 896	0.002 219	0.0012	0.0029		
N+7. 44	13	88	DER5	0.004724	0.017949	0.000 845	0.003 384	0.0011	0.0044		
N+7. 44	13	88	DER5	-0.004586	-0.018053	0.000 817	0.003 405	0.0011	0.0044		

N+7.						0.000	0.003					
44	13	88	DER6	0.004724	0.017949	845	384	0.0011	0.0044			
N+7.						0.000	0.003					
44	13	88	DER6	-0.004586	-0.018053	817	405	0.0011	0.0044			
N+7.						0.000	0.003					
44	13	88	DER7	0.004724	0.017949	845	384	0.0011	0.0044			
N+7.						0.000	0.003					
44	13	88	DER7	-0.004586	-0.018053	817	405	0.0011	0.0044			
N+7.						0.000	0.003					
44	13	88	DER8	0.004724	0.017949	845	384	0.0011	0.0044			
N+7.						0.000	0.003					
44	13	88	DER8	-0.004586	-0.018053	817	405	0.0011	0.0044			
N+7.						0.002	0.003					
44	28	47	DER1	0.013538	0.020094	49	683	0.0032	0.0048			
N+7.						0.002	0.003					
44	28	47	DER1	-0.013172	-0.019723	417	61	0.0031	0.0047			
N+7.						0.002	0.003					
44	28	47	DER2	0.013538	0.020094	49	683	0.0032	0.0048			
N+7.						0.002	0.003					
44	28	47	DER2	-0.013172	-0.019723	417	61	0.0031	0.0047			
N+7.						0.002	0.003					
44	28	47	DER3	0.013538	0.020094	49	683	0.0032	0.0048			
N+7.						0.002	0.003					
44	28	47	DER3	-0.013172	-0.019723	417	61	0.0031	0.0047			
N+7.						0.002	0.003					
44	28	47	DER4	0.013538	0.020094	49	683	0.0032	0.0048			
N+7.						0.002	0.003					
44	28	47	DER4	-0.013172	-0.019723	417	61	0.0031	0.0047			
N+7.						0.003	0.005					
44	28	47	DER5	0.018403	0.029211	388	38	0.0044	0.0070			
N+7.						0.003	0.005					
44	28	47	DER5	-0.018036	-0.028841	316	307	0.0043	0.0069			
N+7.						0.003	0.005					
44	28	47	DER6	0.018403	0.029211	388	38	0.0044	0.0070			
N+7.						0.003	0.005					
44	28	47	DER6	-0.018036	-0.028841	316	307	0.0043	0.0069			
N+7.						0.003	0.005					
44	28	47	DER7	0.018403	0.029211	388	38	0.0044	0.0070			
N+7.						0.003	0.005					
44	28	47	DER7	-0.018036	-0.028841	316	307	0.0043	0.0069			
N+7.						0.003	0.005					
44	28	47	DER8	0.018403	0.029211	388	38	0.0044	0.0070			
N+7.						0.003	0.005					
44	28	47	DER8	-0.018036	-0.028841	316	307	0.0043	0.0069			
N						0.000	0.001					
+4.07	19	37	DER1	0.002678	0.004947	658	216			OK	OK	
N						0.000	0.001					
+4.07	19	37	DER1	-0.002619	-0.005002	643	229			OK	OK	
N						0.000	0.001					
+4.07	19	37	DER2	0.002678	0.004947	658	216			OK	OK	
N						0.000	0.001					
+4.07	19	37	DER2	-0.002619	-0.005002	643	229			OK	OK	
N						0.000	0.001					
+4.07	19	37	DER3	0.002678	0.004947	658	216			OK	OK	
N						0.000	0.001					
+4.07	19	37	DER3	-0.002619	-0.005002	643	229			OK	OK	

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N						0.000	0.001			
+4.07	19	37	DER4	0.002678	0.004947	658	216		OK	OK
N						0.000	0.001			
+4.07	19	37	DER4	-0.002619	-0.005002	643	229		OK	OK
N						0.000	0.001			
+4.07	19	37	DER5	0.002846	0.007227	699	776		OK	OK
N						0.000	0.001			
+4.07	19	37	DER5	-0.002786	-0.007281	685	789		OK	OK
N						0.000	0.001			
+4.07	19	37	DER6	0.002846	0.007227	699	776		OK	OK
N						0.000	0.001			
+4.07	19	37	DER6	-0.002786	-0.007281	685	789		OK	OK
N						0.000	0.001			
+4.07	19	37	DER7	0.002846	0.007227	699	776		OK	OK
N						0.000	0.001			
+4.07	19	37	DER7	-0.002786	-0.007281	685	789		OK	OK
N						0.000	0.001			
+4.07	19	37	DER8	0.002846	0.007227	699	776		OK	OK
N						0.000	0.001			
+4.07	19	37	DER8	-0.002786	-0.007281	685	789		OK	OK
N						0.000	0.001			
+4.07	20	38	DER1	0.002211	0.004947	543	216		OK	OK
N						0.000	0.001			
+4.07	20	38	DER1	-0.002175	-0.005002	534	229		OK	OK
N						0.000	0.001			
+4.07	20	38	DER2	0.002211	0.004947	543	216		OK	OK
N						0.000	0.001			
+4.07	20	38	DER2	-0.002175	-0.005002	534	229		OK	OK
N						0.000	0.001			
+4.07	20	38	DER3	0.002211	0.004947	543	216		OK	OK
N						0.000	0.001			
+4.07	20	38	DER3	-0.002175	-0.005002	534	229		OK	OK
N						0.000	0.001			
+4.07	20	38	DER4	0.002211	0.004947	543	216		OK	OK
N						0.000	0.001			
+4.07	20	38	DER4	-0.002175	-0.005002	534	229		OK	OK
N						0.000	0.001			
+4.07	20	38	DER5	0.001473	0.007227	362	776		OK	OK
N						0.000	0.001			
+4.07	20	38	DER5	-0.001437	-0.007281	353	789		OK	OK
N						0.000	0.001			
+4.07	20	38	DER6	0.001473	0.007227	362	776		OK	OK
N						0.000	0.001			
+4.07	20	38	DER6	-0.001437	-0.007281	353	789		OK	OK
N						0.000	0.001			
+4.07	20	38	DER7	0.001473	0.007227	362	776		OK	OK
N						0.000	0.001			
+4.07	20	38	DER7	-0.001437	-0.007281	353	789		OK	OK
N						0.000	0.001			
+4.07	20	38	DER8	0.001473	0.007227	362	776		OK	OK
N						0.000	0.001			
+4.07	20	38	DER8	-0.001437	-0.007281	353	789		OK	OK
N						0.000	0.000			
+4.07	23	45	DER1	0.002164	0.004026	532	989		OK	OK
N						0.000	0.000			
+4.07	23	45	DER1	-0.002133	-0.004046	524	994		OK	OK

N						0.000	0.000			
+4.07	23	45	DER2	0.002164	0.004026	532	989		OK	OK
N						0.000	0.000			
+4.07	23	45	DER2	-0.002133	-0.004046	524	994		OK	OK
N						0.000	0.000			
+4.07	23	45	DER3	0.002164	0.004026	532	989		OK	OK
N						0.000	0.000			
+4.07	23	45	DER3	-0.002133	-0.004046	524	994		OK	OK
N						0.000	0.000			
+4.07	23	45	DER4	0.002164	0.004026	532	989		OK	OK
N						0.000	0.000			
+4.07	23	45	DER4	-0.002133	-0.004046	524	994		OK	OK
N						0.000	0.001			
+4.07	23	45	DER5	0.001202	0.006289	295	545		OK	OK
N						0.000	0.001			
+4.07	23	45	DER5	-0.001171	-0.006309	288	55		OK	OK
N						0.000	0.001			
+4.07	23	45	DER6	0.001202	0.006289	295	545		OK	OK
N						0.000	0.001			
+4.07	23	45	DER6	-0.001171	-0.006309	288	55		OK	OK
N						0.000	0.001			
+4.07	23	45	DER7	0.001202	0.006289	295	545		OK	OK
N						0.000	0.001			
+4.07	23	45	DER7	-0.001171	-0.006309	288	55		OK	OK
N						0.000	0.001			
+4.07	23	45	DER8	0.001202	0.006289	295	545		OK	OK
N						0.000	0.001			
+4.07	23	45	DER8	-0.001171	-0.006309	288	55		OK	OK
N						0.000	0.000			
+4.07	26	51	DER1	0.002362	0.004026	58	989		OK	OK
N						0.000	0.000			
+4.07	26	51	DER1	-0.002315	-0.004046	569	994		OK	OK
N						0.000	0.000			
+4.07	26	51	DER2	0.002362	0.004026	58	989		OK	OK
N						0.000	0.000			
+4.07	26	51	DER2	-0.002315	-0.004046	569	994		OK	OK
N						0.000	0.000			
+4.07	26	51	DER3	0.002362	0.004026	58	989		OK	OK
N						0.000	0.000			
+4.07	26	51	DER3	-0.002315	-0.004046	569	994		OK	OK
N						0.000	0.000			
+4.07	26	51	DER4	0.002362	0.004026	58	989		OK	OK
N						0.000	0.000			
+4.07	26	51	DER4	-0.002315	-0.004046	569	994		OK	OK
N						0.000	0.001			
+4.07	26	51	DER5	0.002026	0.006289	498	545		OK	OK
N						0.000	0.001			
+4.07	26	51	DER5	-0.00198	-0.006309	486	55		OK	OK
N						0.000	0.001			
+4.07	26	51	DER6	0.002026	0.006289	498	545		OK	OK
N						0.000	0.001			
+4.07	26	51	DER6	-0.00198	-0.006309	486	55		OK	OK
N						0.000	0.001			
+4.07	26	51	DER7	0.002026	0.006289	498	545		OK	OK
N						0.000	0.001			
+4.07	26	51	DER7	-0.00198	-0.006309	486	55		OK	OK

N						0.000	0.001			
+4.07	26	51	DER8	0.002026	0.006289	498	545		OK	OK
N						0.000	0.001			
+4.07	26	51	DER8	-0.00198	-0.006309	486	55		OK	OK
N						0.001	0.001			
+4.07	24	93	DER1	0.006038	0.00495	484	216		OK	OK
N						0.001	0.001			
+4.07	24	93	DER1	-0.0059	-0.005004	45	23		OK	OK
N						0.001	0.001			
+4.07	24	93	DER2	0.006038	0.00495	484	216		OK	OK
N						0.001	0.001			
+4.07	24	93	DER2	-0.0059	-0.005004	45	23		OK	OK
N						0.001	0.001			
+4.07	24	93	DER3	0.006038	0.00495	484	216		OK	OK
N						0.001	0.001			
+4.07	24	93	DER3	-0.0059	-0.005004	45	23		OK	OK
N						0.001	0.001			
+4.07	24	93	DER4	0.006038	0.00495	484	216		OK	OK
N						0.001	0.001			
+4.07	24	93	DER4	-0.0059	-0.005004	45	23		OK	OK
N						0.002	0.001			
+4.07	24	93	DER5	0.008256	0.00723	028	776		OK	OK
N						0.001	0.001			
+4.07	24	93	DER5	-0.008118	-0.007284	995	79		OK	OK
N						0.002	0.001			
+4.07	24	93	DER6	0.008256	0.00723	028	776		OK	OK
N						0.001	0.001			
+4.07	24	93	DER6	-0.008118	-0.007284	995	79		OK	OK
N						0.002	0.001			
+4.07	24	93	DER7	0.008256	0.00723	028	776		OK	OK
N						0.001	0.001			
+4.07	24	93	DER7	-0.008118	-0.007284	995	79		OK	OK
N						0.002	0.001			
+4.07	24	93	DER8	0.008256	0.00723	028	776		OK	OK
N						0.001	0.001			
+4.07	24	93	DER8	-0.008118	-0.007284	995	79		OK	OK
N						0.001	0.001			
+4.07	32	92	DER1	0.005177	0.00495	272	216		OK	OK
N						0.001	0.001			
+4.07	32	92	DER1	-0.005057	-0.005004	242	23		OK	OK
N						0.001	0.001			
+4.07	32	92	DER2	0.005177	0.00495	272	216		OK	OK
N						0.001	0.001			
+4.07	32	92	DER2	-0.005057	-0.005004	242	23		OK	OK
N						0.001	0.001			
+4.07	32	92	DER3	0.005177	0.00495	272	216		OK	OK
N						0.001	0.001			
+4.07	32	92	DER3	-0.005057	-0.005004	242	23		OK	OK
N						0.001	0.001			
+4.07	32	92	DER4	0.005177	0.00495	272	216		OK	OK
N						0.001	0.001			
+4.07	32	92	DER4	-0.005057	-0.005004	242	23		OK	OK
N						0.001	0.001			
+4.07	32	92	DER5	0.007016	0.00723	724	776		OK	OK
N						0.001	0.001			
+4.07	32	92	DER5	-0.006895	-0.007284	694	79		OK	OK

N						0.001	0.001			
+4.07	32	92	DER6	0.007016	0.00723	724	776		OK	OK
N						0.001	0.001			
+4.07	32	92	DER6	-0.006895	-0.007284	694	79		OK	OK
N						0.001	0.001			
+4.07	32	92	DER7	0.007016	0.00723	724	776		OK	OK
N						0.001	0.001			
+4.07	32	92	DER7	-0.006895	-0.007284	694	79		OK	OK
N						0.001	0.001			
+4.07	32	92	DER8	0.007016	0.00723	724	776		OK	OK
N						0.001	0.001			
+4.07	32	92	DER8	-0.006895	-0.007284	694	79		OK	OK
N						0.000	0.000			
+4.07	33	94	DER1	0.003618	0.00388	889	953		OK	OK
N						0.000	0.000			
+4.07	33	94	DER1	-0.003633	-0.003889	893	955		OK	OK
N						0.000	0.000			
+4.07	33	94	DER2	0.003618	0.00388	889	953		OK	OK
N						0.000	0.000			
+4.07	33	94	DER2	-0.003633	-0.003889	893	955		OK	OK
N						0.000	0.000			
+4.07	33	94	DER3	0.003618	0.00388	889	953		OK	OK
N						0.000	0.000			
+4.07	33	94	DER3	-0.003633	-0.003889	893	955		OK	OK
N						0.000	0.000			
+4.07	33	94	DER4	0.003618	0.00388	889	953		OK	OK
N						0.000	0.000			
+4.07	33	94	DER4	-0.003633	-0.003889	893	955		OK	OK
N						0.000	0.001			
+4.07	33	94	DER5	0.003323	0.006174	817	517		OK	OK
N						0.000	0.001			
+4.07	33	94	DER5	-0.003339	-0.006183	82	519		OK	OK
N						0.000	0.001			
+4.07	33	94	DER6	0.003323	0.006174	817	517		OK	OK
N						0.000	0.001			
+4.07	33	94	DER6	-0.003339	-0.006183	82	519		OK	OK
N						0.000	0.001			
+4.07	33	94	DER7	0.003323	0.006174	817	517		OK	OK
N						0.000	0.001			
+4.07	33	94	DER7	-0.003339	-0.006183	82	519		OK	OK
N						0.000	0.001			
+4.07	33	94	DER8	0.003323	0.006174	817	517		OK	OK
N						0.000	0.001			
+4.07	33	94	DER8	-0.003339	-0.006183	82	519		OK	OK
N						0.000	0.001			
+4.07	34	95	DER1	0.003614	0.004631	888	138		OK	OK
N						0.000	0.001			
+4.07	34	95	DER1	-0.00363	-0.004579	892	125		OK	OK
N						0.000	0.001			
+4.07	34	95	DER2	0.003614	0.004631	888	138		OK	OK
N						0.000	0.001			
+4.07	34	95	DER2	-0.00363	-0.004579	892	125		OK	OK
N						0.000	0.001			
+4.07	34	95	DER3	0.003614	0.004631	888	138		OK	OK
N						0.000	0.001			
+4.07	34	95	DER3	-0.00363	-0.004579	892	125		OK	OK

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N						0.000	0.001			
+4.07	34	95	DER4	0.003614	0.004631	888	138		OK	OK
N						0.000	0.001			
+4.07	34	95	DER4	-0.00363	-0.004579	892	125		OK	OK
N						0.000	0.001			
+4.07	34	95	DER5	0.003318	0.007255	815	782		OK	OK
N						0.000	0.001			
+4.07	34	95	DER5	-0.003333	-0.007203	819	77		OK	OK
N						0.000	0.001			
+4.07	34	95	DER6	0.003318	0.007255	815	782		OK	OK
N						0.000	0.001			
+4.07	34	95	DER6	-0.003333	-0.007203	819	77		OK	OK
N						0.000	0.001			
+4.07	34	95	DER7	0.003318	0.007255	815	782		OK	OK
N						0.000	0.001			
+4.07	34	95	DER7	-0.003333	-0.007203	819	77		OK	OK
N						0.000	0.001			
+4.07	34	95	DER8	0.003318	0.007255	815	782		OK	OK
N						0.000	0.001			
+4.07	34	95	DER8	-0.003333	-0.007203	819	77		OK	OK
N						0.000	0.001			
+4.07	35	96	DER1	0.003607	0.007853	886	93		OK	OK
N						0.000	0.001			
+4.07	35	96	DER1	-0.003622	-0.007725	89	898		OK	OK
N						0.000	0.001			
+4.07	35	96	DER2	0.003607	0.007853	886	93		OK	OK
N						0.000	0.001			
+4.07	35	96	DER2	-0.003622	-0.007725	89	898		OK	OK
N						0.000	0.001			
+4.07	35	96	DER3	0.003607	0.007853	886	93		OK	OK
N						0.000	0.001			
+4.07	35	96	DER3	-0.003622	-0.007725	89	898		OK	OK
N						0.000	0.001			
+4.07	35	96	DER4	0.003607	0.007853	886	93		OK	OK
N						0.000	0.001			
+4.07	35	96	DER4	-0.003622	-0.007725	89	898		OK	OK
N						0.000	0.002			
+4.07	35	96	DER5	0.003307	0.011285	813	773		OK	OK
N						0.000	0.002			
+4.07	35	96	DER5	-0.003323	-0.011157	816	741		OK	OK
N						0.000	0.002			
+4.07	35	96	DER6	0.003307	0.011285	813	773		OK	OK
N						0.000	0.002			
+4.07	35	96	DER6	-0.003323	-0.011157	816	741		OK	OK
N						0.000	0.002			
+4.07	35	96	DER7	0.003307	0.011285	813	773		OK	OK
N						0.000	0.002			
+4.07	35	96	DER7	-0.003323	-0.011157	816	741		OK	OK
N						0.000	0.002			
+4.07	35	96	DER8	0.003307	0.011285	813	773		OK	OK
N						0.000	0.002			
+4.07	35	96	DER8	-0.003323	-0.011157	816	741		OK	OK
N						0.000	0.002			
+4.07	37	98	DER1	0.003611	0.008754	887	151		OK	OK
N						0.000	0.002			
+4.07	37	98	DER1	-0.003626	-0.008608	891	115		OK	OK

N						0.000	0.002			
+4.07	37	98	DER2	0.003611	0.008754	887	151		OK	OK
N						0.000	0.002			
+4.07	37	98	DER2	-0.003626	-0.008608	891	115		OK	OK
N						0.000	0.002			
+4.07	37	98	DER3	0.003611	0.008754	887	151		OK	OK
N						0.000	0.002			
+4.07	37	98	DER3	-0.003626	-0.008608	891	115		OK	OK
N						0.000	0.002			
+4.07	37	98	DER4	0.003611	0.008754	887	151		OK	OK
N						0.000	0.002			
+4.07	37	98	DER4	-0.003626	-0.008608	891	115		OK	OK
N						0.000	0.003			
+4.07	37	98	DER5	0.003313	0.012435	814	055		OK	OK
N						0.000	0.003			
+4.07	37	98	DER5	-0.003328	-0.012288	818	019		OK	OK
N						0.000	0.003			
+4.07	37	98	DER6	0.003313	0.012435	814	055		OK	OK
N						0.000	0.003			
+4.07	37	98	DER6	-0.003328	-0.012288	818	019		OK	OK
N						0.000	0.003			
+4.07	37	98	DER7	0.003313	0.012435	814	055		OK	OK
N						0.000	0.003			
+4.07	37	98	DER7	-0.003328	-0.012288	818	019		OK	OK
N						0.000	0.003			
+4.07	37	98	DER8	0.003313	0.012435	814	055		OK	OK
N						0.000	0.003			
+4.07	37	98	DER8	-0.003328	-0.012288	818	019		OK	OK
N						0.000	0.001			
+4.07	38	99	DER1	0.002225	0.00432	547	062		OK	OK
N						0.000	0.001			
+4.07	38	99	DER1	-0.002203	-0.004354	541	07		OK	OK
N						0.000	0.001			
+4.07	38	99	DER2	0.002225	0.00432	547	062		OK	OK
N						0.000	0.001			
+4.07	38	99	DER2	-0.002203	-0.004354	541	07		OK	OK
N						0.000	0.001			
+4.07	38	99	DER3	0.002225	0.00432	547	062		OK	OK
N						0.000	0.001			
+4.07	38	99	DER3	-0.002203	-0.004354	541	07		OK	OK
N						0.000	0.001			
+4.07	38	99	DER4	0.002225	0.00432	547	062		OK	OK
N						0.000	0.001			
+4.07	38	99	DER4	-0.002203	-0.004354	541	07		OK	OK
N						0.000	0.001			
+4.07	38	99	DER5	0.001067	0.006566	262	613		OK	OK
N						0.000	0.001			
+4.07	38	99	DER5	-0.001046	-0.0066	257	622		OK	OK
N						0.000	0.001			
+4.07	38	99	DER6	0.001067	0.006566	262	613		OK	OK
N						0.000	0.001			
+4.07	38	99	DER6	-0.001046	-0.0066	257	622		OK	OK
N						0.000	0.001			
+4.07	38	99	DER7	0.001067	0.006566	262	613		OK	OK
N						0.000	0.001			
+4.07	38	99	DER7	-0.001046	-0.0066	257	622		OK	OK

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N						0.000	0.001			
+4.07	38	99	DER8	0.001067	0.006566	262	613		OK	OK
N						0.000	0.001			
+4.07	38	99	DER8	-0.001046	-0.0066	257	622		OK	OK
N						0.000	0.001			
+4.07	39	100	DER1	0.00222	0.004637	545	139		OK	OK
N						0.000	0.001			
+4.07	39	100	DER1	-0.002198	-0.004585	54	127		OK	OK
N						0.000	0.001			
+4.07	39	100	DER2	0.00222	0.004637	545	139		OK	OK
N						0.000	0.001			
+4.07	39	100	DER2	-0.002198	-0.004585	54	127		OK	OK
N						0.000	0.001			
+4.07	39	100	DER3	0.00222	0.004637	545	139		OK	OK
N						0.000	0.001			
+4.07	39	100	DER3	-0.002198	-0.004585	54	127		OK	OK
N						0.000	0.001			
+4.07	39	100	DER4	0.00222	0.004637	545	139		OK	OK
N						0.000	0.001			
+4.07	39	100	DER4	-0.002198	-0.004585	54	127		OK	OK
N						0.000	0.001			
+4.07	39	100	DER5	0.001061	0.007262	261	784		OK	OK
N						0.000	0.001			
+4.07	39	100	DER5	-0.00104	-0.007211	255	772		OK	OK
N						0.000	0.001			
+4.07	39	100	DER6	0.001061	0.007262	261	784		OK	OK
N						0.000	0.001			
+4.07	39	100	DER6	-0.00104	-0.007211	255	772		OK	OK
N						0.000	0.001			
+4.07	39	100	DER7	0.001061	0.007262	261	784		OK	OK
N						0.000	0.001			
+4.07	39	100	DER7	-0.00104	-0.007211	255	772		OK	OK
N						0.000	0.001			
+4.07	39	100	DER8	0.001061	0.007262	261	784		OK	OK
N						0.000	0.001			
+4.07	39	100	DER8	-0.00104	-0.007211	255	772		OK	OK
N						0.000	0.001			
+4.07	40	101	DER1	0.002218	0.007748	545	904		OK	OK
N						0.000	0.001			
+4.07	40	101	DER1	-0.002197	-0.007622	54	873		OK	OK
N						0.000	0.001			
+4.07	40	101	DER2	0.002218	0.007748	545	904		OK	OK
N						0.000	0.001			
+4.07	40	101	DER2	-0.002197	-0.007622	54	873		OK	OK
N						0.000	0.001			
+4.07	40	101	DER3	0.002218	0.007748	545	904		OK	OK
N						0.000	0.001			
+4.07	40	101	DER3	-0.002197	-0.007622	54	873		OK	OK
N						0.000	0.001			
+4.07	40	101	DER4	0.002218	0.007748	545	904		OK	OK
N						0.000	0.001			
+4.07	40	101	DER4	-0.002197	-0.007622	54	873		OK	OK
N						0.000	0.002			
+4.07	40	101	DER5	0.00106	0.011151	26	74		OK	OK
N						0.000	0.002			
+4.07	40	101	DER5	-0.001038	-0.011025	255	709		OK	OK

N						0.000	0.002			
+4.07	40	101	DER6	0.00106	0.011151	26	74		OK	OK
N						0.000	0.002			
+4.07	40	101	DER6	-0.001038	-0.011025	255	709		OK	OK
N						0.000	0.002			
+4.07	40	101	DER7	0.00106	0.011151	26	74		OK	OK
N						0.000	0.002			
+4.07	40	101	DER7	-0.001038	-0.011025	255	709		OK	OK
N						0.000	0.002			
+4.07	40	101	DER8	0.00106	0.011151	26	74		OK	OK
N						0.000	0.002			
+4.07	40	101	DER8	-0.001038	-0.011025	255	709		OK	OK
N						0.000	0.002			
+4.07	41	102	DER1	0.002221	0.008743	546	148		OK	OK
N						0.000	0.002			
+4.07	41	102	DER1	-0.002199	-0.008596	54	112		OK	OK
N						0.000	0.002			
+4.07	41	102	DER2	0.002221	0.008743	546	148		OK	OK
N						0.000	0.002			
+4.07	41	102	DER2	-0.002199	-0.008596	54	112		OK	OK
N						0.000	0.002			
+4.07	41	102	DER3	0.002221	0.008743	546	148		OK	OK
N						0.000	0.002			
+4.07	41	102	DER3	-0.002199	-0.008596	54	112		OK	OK
N						0.000	0.002			
+4.07	41	102	DER4	0.002221	0.008743	546	148		OK	OK
N						0.000	0.002			
+4.07	41	102	DER4	-0.002199	-0.008596	54	112		OK	OK
N						0.000	0.003			
+4.07	41	102	DER5	0.001062	0.01242	261	052		OK	OK
N						0.000	0.003			
+4.07	41	102	DER5	-0.001041	-0.012274	256	016		OK	OK
N						0.000	0.003			
+4.07	41	102	DER6	0.001062	0.01242	261	052		OK	OK
N						0.000	0.003			
+4.07	41	102	DER6	-0.001041	-0.012274	256	016		OK	OK
N						0.000	0.003			
+4.07	41	102	DER7	0.001062	0.01242	261	052		OK	OK
N						0.000	0.003			
+4.07	41	102	DER7	-0.001041	-0.012274	256	016		OK	OK
N						0.000	0.003			
+4.07	41	102	DER8	0.001062	0.01242	261	052		OK	OK
N						0.000	0.003			
+4.07	41	102	DER8	-0.001041	-0.012274	256	016		OK	OK
N						0.000	0.001			
+4.07	42	103	DER1	0.002741	0.004326	673	063		OK	OK
N						0.000	0.001			
+4.07	42	103	DER1	-0.002679	-0.00436	658	071		OK	OK
N						0.000	0.001			
+4.07	42	103	DER2	0.002741	0.004326	673	063		OK	OK
N						0.000	0.001			
+4.07	42	103	DER2	-0.002679	-0.00436	658	071		OK	OK
N						0.000	0.001			
+4.07	42	103	DER3	0.002741	0.004326	673	063		OK	OK
N						0.000	0.001			
+4.07	42	103	DER3	-0.002679	-0.00436	658	071		OK	OK

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N						0.000	0.001			
+4.07	42	103	DER4	0.002741	0.004326	673	063		OK	OK
N						0.000	0.001			
+4.07	42	103	DER4	-0.002679	-0.00436	658	071		OK	OK
N						0.000	0.001			
+4.07	42	103	DER5	0.002985	0.006572	733	615		OK	OK
N						0.000	0.001			
+4.07	42	103	DER5	-0.002923	-0.006606	718	623		OK	OK
N						0.000	0.001			
+4.07	42	103	DER6	0.002985	0.006572	733	615		OK	OK
N						0.000	0.001			
+4.07	42	103	DER6	-0.002923	-0.006606	718	623		OK	OK
N						0.000	0.001			
+4.07	42	103	DER7	0.002985	0.006572	733	615		OK	OK
N						0.000	0.001			
+4.07	42	103	DER7	-0.002923	-0.006606	718	623		OK	OK
N						0.000	0.001			
+4.07	42	103	DER8	0.002985	0.006572	733	615		OK	OK
N						0.000	0.001			
+4.07	42	103	DER8	-0.002923	-0.006606	718	623		OK	OK
N						0.000	0.001			
+4.07	43	104	DER1	0.002741	0.004634	673	139		OK	OK
N						0.000	0.001			
+4.07	43	104	DER1	-0.002679	-0.004583	658	126		OK	OK
N						0.000	0.001			
+4.07	43	104	DER2	0.002741	0.004634	673	139		OK	OK
N						0.000	0.001			
+4.07	43	104	DER2	-0.002679	-0.004583	658	126		OK	OK
N						0.000	0.001			
+4.07	43	104	DER3	0.002741	0.004634	673	139		OK	OK
N						0.000	0.001			
+4.07	43	104	DER3	-0.002679	-0.004583	658	126		OK	OK
N						0.000	0.001			
+4.07	43	104	DER4	0.002741	0.004634	673	139		OK	OK
N						0.000	0.001			
+4.07	43	104	DER4	-0.002679	-0.004583	658	126		OK	OK
N						0.000	0.001			
+4.07	43	104	DER5	0.002985	0.007259	733	784		OK	OK
N						0.000	0.001			
+4.07	43	104	DER5	-0.002923	-0.007208	718	771		OK	OK
N						0.000	0.001			
+4.07	43	104	DER6	0.002985	0.007259	733	784		OK	OK
N						0.000	0.001			
+4.07	43	104	DER6	-0.002923	-0.007208	718	771		OK	OK
N						0.000	0.001			
+4.07	43	104	DER7	0.002985	0.007259	733	784		OK	OK
N						0.000	0.001			
+4.07	43	104	DER7	-0.002923	-0.007208	718	771		OK	OK
N						0.000	0.001			
+4.07	43	104	DER8	0.002985	0.007259	733	784		OK	OK
N						0.000	0.001			
+4.07	43	104	DER8	-0.002923	-0.007208	718	771		OK	OK
N						0.000	0.001			
+4.07	44	105	DER1	0.002749	0.00775	675	904		OK	OK
N						0.000	0.001			
+4.07	44	105	DER1	-0.002687	-0.007624	66	873		OK	OK

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N						0.000	0.001			
+4.07	44	105	DER2	0.002749	0.00775	675	904		OK	OK
N						0.000	0.001			
+4.07	44	105	DER2	-0.002687	-0.007624	66	873		OK	OK
N						0.000	0.001			
+4.07	44	105	DER3	0.002749	0.00775	675	904		OK	OK
N						0.000	0.001			
+4.07	44	105	DER3	-0.002687	-0.007624	66	873		OK	OK
N						0.000	0.001			
+4.07	44	105	DER4	0.002749	0.00775	675	904		OK	OK
N						0.000	0.001			
+4.07	44	105	DER4	-0.002687	-0.007624	66	873		OK	OK
N						0.000	0.002			
+4.07	44	105	DER5	0.003002	0.011153	738	74		OK	OK
N						0.000	0.002			
+4.07	44	105	DER5	-0.00294	-0.011027	722	709		OK	OK
N						0.000	0.002			
+4.07	44	105	DER6	0.003002	0.011153	738	74		OK	OK
N						0.000	0.002			
+4.07	44	105	DER6	-0.00294	-0.011027	722	709		OK	OK
N						0.000	0.002			
+4.07	44	105	DER7	0.003002	0.011153	738	74		OK	OK
N						0.000	0.002			
+4.07	44	105	DER7	-0.00294	-0.011027	722	709		OK	OK
N						0.000	0.002			
+4.07	44	105	DER8	0.003002	0.011153	738	74		OK	OK
N						0.000	0.002			
+4.07	44	105	DER8	-0.00294	-0.011027	722	709		OK	OK
N						0.000	0.002			
+4.07	45	106	DER1	0.002749	0.008745	675	149		OK	OK
N						0.000	0.002			
+4.07	45	106	DER1	-0.002687	-0.008598	66	113		OK	OK
N						0.000	0.002			
+4.07	45	106	DER2	0.002749	0.008745	675	149		OK	OK
N						0.000	0.002			
+4.07	45	106	DER2	-0.002687	-0.008598	66	113		OK	OK
N						0.000	0.002			
+4.07	45	106	DER3	0.002749	0.008745	675	149		OK	OK
N						0.000	0.002			
+4.07	45	106	DER3	-0.002687	-0.008598	66	113		OK	OK
N						0.000	0.002			
+4.07	45	106	DER4	0.002749	0.008745	675	149		OK	OK
N						0.000	0.002			
+4.07	45	106	DER4	-0.002687	-0.008598	66	113		OK	OK
N						0.000	0.003			
+4.07	45	106	DER5	0.003002	0.012423	738	052		OK	OK
N						0.000	0.003			
+4.07	45	106	DER5	-0.00294	-0.012276	722	016		OK	OK
N						0.000	0.003			
+4.07	45	106	DER6	0.003002	0.012423	738	052		OK	OK
N						0.000	0.003			
+4.07	45	106	DER6	-0.00294	-0.012276	722	016		OK	OK
N						0.000	0.003			
+4.07	45	106	DER7	0.003002	0.012423	738	052		OK	OK
N						0.000	0.003			
+4.07	45	106	DER7	-0.00294	-0.012276	722	016		OK	OK

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N						0.000	0.003			
+4.07	45	106	DER8	0.003002	0.012423	738	052		OK	OK
N						0.000	0.003			
+4.07	45	106	DER8	-0.00294	-0.012276	722	016		OK	OK
N						0.001	0.001			
+4.07	46	107	DER1	0.006135	0.004322	507	062		OK	OK
N						0.001	0.001			
+4.07	46	107	DER1	-0.005995	-0.004356	473	07		OK	OK
N						0.001	0.001			
+4.07	46	107	DER2	0.006135	0.004322	507	062		OK	OK
N						0.001	0.001			
+4.07	46	107	DER2	-0.005995	-0.004356	473	07		OK	OK
N						0.001	0.001			
+4.07	46	107	DER3	0.006135	0.004322	507	062		OK	OK
N						0.001	0.001			
+4.07	46	107	DER3	-0.005995	-0.004356	473	07		OK	OK
N						0.001	0.001			
+4.07	46	107	DER4	0.006135	0.004322	507	062		OK	OK
N						0.001	0.001			
+4.07	46	107	DER4	-0.005995	-0.004356	473	07		OK	OK
N						0.002	0.001			
+4.07	46	107	DER5	0.008394	0.006568	062	614		OK	OK
N						0.002	0.001			
+4.07	46	107	DER5	-0.008253	-0.006602	028	622		OK	OK
N						0.002	0.001			
+4.07	46	107	DER6	0.008394	0.006568	062	614		OK	OK
N						0.002	0.001			
+4.07	46	107	DER6	-0.008253	-0.006602	028	622		OK	OK
N						0.002	0.001			
+4.07	46	107	DER7	0.008394	0.006568	062	614		OK	OK
N						0.002	0.001			
+4.07	46	107	DER7	-0.008253	-0.006602	028	622		OK	OK
N						0.002	0.001			
+4.07	46	107	DER8	0.008394	0.006568	062	614		OK	OK
N						0.002	0.001			
+4.07	46	107	DER8	-0.008253	-0.006602	028	622		OK	OK
N						0.001	0.001			
+4.07	47	108	DER1	0.006139	0.004629	508	137		OK	OK
N						0.001	0.001			
+4.07	47	108	DER1	-0.005999	-0.004578	474	125		OK	OK
N						0.001	0.001			
+4.07	47	108	DER2	0.006139	0.004629	508	137		OK	OK
N						0.001	0.001			
+4.07	47	108	DER2	-0.005999	-0.004578	474	125		OK	OK
N						0.001	0.001			
+4.07	47	108	DER3	0.006139	0.004629	508	137		OK	OK
N						0.001	0.001			
+4.07	47	108	DER3	-0.005999	-0.004578	474	125		OK	OK
N						0.001	0.001			
+4.07	47	108	DER4	0.006139	0.004629	508	137		OK	OK
N						0.001	0.001			
+4.07	47	108	DER4	-0.005999	-0.004578	474	125		OK	OK
N						0.002	0.001			
+4.07	47	108	DER5	0.008399	0.007253	064	782		OK	OK
N						0.002	0.001			
+4.07	47	108	DER5	-0.008259	-0.007202	029	77		OK	OK

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N						0.002	0.001		
+4.07	47	108	DER6	0.008399	0.007253	064	782	OK	OK
N						0.002	0.001		
+4.07	47	108	DER6	-0.008259	-0.007202	029	77	OK	OK
N						0.002	0.001		
+4.07	47	108	DER7	0.008399	0.007253	064	782	OK	OK
N						0.002	0.001		
+4.07	47	108	DER7	-0.008259	-0.007202	029	77	OK	OK
N						0.002	0.001		
+4.07	47	108	DER8	0.008399	0.007253	064	782	OK	OK
N						0.002	0.001		
+4.07	47	108	DER8	-0.008259	-0.007202	029	77	OK	OK
N						0.001	0.001		
+4.07	48	109	DER1	0.006143	0.00775	509	904	OK	OK
N						0.001	0.001		
+4.07	48	109	DER1	-0.006003	-0.007624	475	873	OK	OK
N						0.001	0.001		
+4.07	48	109	DER2	0.006143	0.00775	509	904	OK	OK
N						0.001	0.001		
+4.07	48	109	DER2	-0.006003	-0.007624	475	873	OK	OK
N						0.001	0.001		
+4.07	48	109	DER3	0.006143	0.00775	509	904	OK	OK
N						0.001	0.001		
+4.07	48	109	DER3	-0.006003	-0.007624	475	873	OK	OK
N						0.001	0.001		
+4.07	48	109	DER4	0.006143	0.00775	509	904	OK	OK
N						0.001	0.001		
+4.07	48	109	DER4	-0.006003	-0.007624	475	873	OK	OK
N						0.002	0.002		
+4.07	48	109	DER5	0.008405	0.011153	065	74	OK	OK
N						0.002	0.002		
+4.07	48	109	DER5	-0.008264	-0.011027	031	709	OK	OK
N						0.002	0.002		
+4.07	48	109	DER6	0.008405	0.011153	065	74	OK	OK
N						0.002	0.002		
+4.07	48	109	DER6	-0.008264	-0.011027	031	709	OK	OK
N						0.002	0.002		
+4.07	48	109	DER7	0.008405	0.011153	065	74	OK	OK
N						0.002	0.002		
+4.07	48	109	DER7	-0.008264	-0.011027	031	709	OK	OK
N						0.002	0.002		
+4.07	48	109	DER8	0.008405	0.011153	065	74	OK	OK
N						0.002	0.002		
+4.07	48	109	DER8	-0.008264	-0.011027	031	709	OK	OK
N						0.000	0.000		
+4.07	51	110	DER1	0.002222	0.003861	546	949	OK	OK
N						0.000	0.000		
+4.07	51	110	DER1	-0.0022	-0.003846	541	945	OK	OK
N						0.000	0.000		
+4.07	51	110	DER2	0.002222	0.003861	546	949	OK	OK
N						0.000	0.000		
+4.07	51	110	DER2	-0.0022	-0.003846	541	945	OK	OK
N						0.000	0.000		
+4.07	51	110	DER3	0.002222	0.003861	546	949	OK	OK
N						0.000	0.000		
+4.07	51	110	DER3	-0.0022	-0.003846	541	945	OK	OK

N						0.000	0.000			
+4.07	51	110	DER4	0.002222	0.003861	546	949		OK	OK
N						0.000	0.000			
+4.07	51	110	DER4	-0.0022	-0.003846	541	945		OK	OK
N						0.000	0.001			
+4.07	51	110	DER5	0.001064	0.006261	261	538		OK	OK
N						0.000	0.001			
+4.07	51	110	DER5	-0.001042	-0.006247	256	535		OK	OK
N						0.000	0.001			
+4.07	51	110	DER6	0.001064	0.006261	261	538		OK	OK
N						0.000	0.001			
+4.07	51	110	DER6	-0.001042	-0.006247	256	535		OK	OK
N						0.000	0.001			
+4.07	51	110	DER7	0.001064	0.006261	261	538		OK	OK
N						0.000	0.001			
+4.07	51	110	DER7	-0.001042	-0.006247	256	535		OK	OK
N						0.000	0.001			
+4.07	51	110	DER8	0.001064	0.006261	261	538		OK	OK
N						0.000	0.001			
+4.07	51	110	DER8	-0.001042	-0.006247	256	535		OK	OK
N						0.000	0.000			
+4.07	60	119	DER1	0.002741	0.003861	673	949		OK	OK
N						0.000	0.000			
+4.07	60	119	DER1	-0.002679	-0.003846	658	945		OK	OK
N						0.000	0.000			
+4.07	60	119	DER2	0.002741	0.003861	673	949		OK	OK
N						0.000	0.000			
+4.07	60	119	DER2	-0.002679	-0.003846	658	945		OK	OK
N						0.000	0.000			
+4.07	60	119	DER3	0.002741	0.003861	673	949		OK	OK
N						0.000	0.000			
+4.07	60	119	DER3	-0.002679	-0.003846	658	945		OK	OK
N						0.000	0.000			
+4.07	60	119	DER4	0.002741	0.003861	673	949		OK	OK
N						0.000	0.000			
+4.07	60	119	DER4	-0.002679	-0.003846	658	945		OK	OK
N						0.000	0.001			
+4.07	60	119	DER5	0.002985	0.006261	733	538		OK	OK
N						0.000	0.001			
+4.07	60	119	DER5	-0.002923	-0.006247	718	535		OK	OK
N						0.000	0.001			
+4.07	60	119	DER6	0.002985	0.006261	733	538		OK	OK
N						0.000	0.001			
+4.07	60	119	DER6	-0.002923	-0.006247	718	535		OK	OK
N						0.000	0.001			
+4.07	60	119	DER7	0.002985	0.006261	733	538		OK	OK
N						0.000	0.001			
+4.07	60	119	DER7	-0.002923	-0.006247	718	535		OK	OK
N						0.000	0.001			
+4.07	60	119	DER8	0.002985	0.006261	733	538		OK	OK
N						0.000	0.001			
+4.07	60	119	DER8	-0.002923	-0.006247	718	535		OK	OK
N						0.000	0.000			
+4.07	95	195	DER1	0.002164	0.003826	532	94		OK	OK
N						0.000	0.000			
+4.07	95	195	DER1	-0.002133	-0.003828	524	94		OK	OK

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N						0.000	0.000			
+4.07	95	195	DER2	0.002164	0.003826	532	94		OK	OK
N						0.000	0.000			
+4.07	95	195	DER2	-0.002133	-0.003828	524	94		OK	OK
N						0.000	0.000			
+4.07	95	195	DER3	0.002164	0.003826	532	94		OK	OK
N						0.000	0.000			
+4.07	95	195	DER3	-0.002133	-0.003828	524	94		OK	OK
N						0.000	0.000			
+4.07	95	195	DER4	0.002164	0.003826	532	94		OK	OK
N						0.000	0.000			
+4.07	95	195	DER4	-0.002133	-0.003828	524	94		OK	OK
N						0.000	0.001			
+4.07	95	195	DER5	0.001202	0.006149	295	511		OK	OK
N						0.000	0.001			
+4.07	95	195	DER5	-0.001171	-0.006151	288	511		OK	OK
N						0.000	0.001			
+4.07	95	195	DER6	0.001202	0.006149	295	511		OK	OK
N						0.000	0.001			
+4.07	95	195	DER6	-0.001171	-0.006151	288	511		OK	OK
N						0.000	0.001			
+4.07	95	195	DER7	0.001202	0.006149	295	511		OK	OK
N						0.000	0.001			
+4.07	95	195	DER7	-0.001171	-0.006151	288	511		OK	OK
N						0.000	0.001			
+4.07	95	195	DER8	0.001202	0.006149	295	511		OK	OK
N						0.000	0.001			
+4.07	95	195	DER8	-0.001171	-0.006151	288	511		OK	OK
N						0.000	0.000			
+4.07	96	198	DER1	0.002362	0.003826	58	94		OK	OK
N						0.000	0.000			
+4.07	96	198	DER1	-0.002315	-0.003828	569	94		OK	OK
N						0.000	0.000			
+4.07	96	198	DER2	0.002362	0.003826	58	94		OK	OK
N						0.000	0.000			
+4.07	96	198	DER2	-0.002315	-0.003828	569	94		OK	OK
N						0.000	0.000			
+4.07	96	198	DER3	0.002362	0.003826	58	94		OK	OK
N						0.000	0.000			
+4.07	96	198	DER3	-0.002315	-0.003828	569	94		OK	OK
N						0.000	0.000			
+4.07	96	198	DER4	0.002362	0.003826	58	94		OK	OK
N						0.000	0.000			
+4.07	96	198	DER4	-0.002315	-0.003828	569	94		OK	OK
N						0.000	0.001			
+4.07	96	198	DER5	0.002026	0.006149	498	511		OK	OK
N						0.000	0.001			
+4.07	96	198	DER5	-0.00198	-0.006151	486	511		OK	OK
N						0.000	0.001			
+4.07	96	198	DER6	0.002026	0.006149	498	511		OK	OK
N						0.000	0.001			
+4.07	96	198	DER6	-0.00198	-0.006151	486	511		OK	OK
N						0.000	0.001			
+4.07	96	198	DER7	0.002026	0.006149	498	511		OK	OK
N						0.000	0.001			
+4.07	96	198	DER7	-0.00198	-0.006151	486	511		OK	OK

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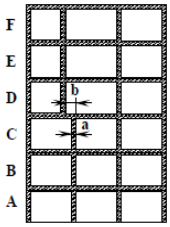
N						0.000	0.001			
+4.07	96	198	DER8	0.002026	0.006149	498	511		OK	OK
N						0.000	0.001			
+4.07	96	198	DER8	-0.00198	-0.006151	486	511		OK	OK
N						0.000	0.000			
+4.07	3	59	DER1	0.00225	0.003861	553	949		OK	OK
N						0.000	0.000			
+4.07	3	59	DER1	-0.00221	-0.003846	543	945		OK	OK
N						0.000	0.000			
+4.07	3	59	DER2	0.00225	0.003861	553	949		OK	OK
N						0.000	0.000			
+4.07	3	59	DER2	-0.00221	-0.003846	543	945		OK	OK
N						0.000	0.000			
+4.07	3	59	DER3	0.00225	0.003861	553	949		OK	OK
N						0.000	0.000			
+4.07	3	59	DER3	-0.00221	-0.003846	543	945		OK	OK
N						0.000	0.000			
+4.07	3	59	DER4	0.00225	0.003861	553	949		OK	OK
N						0.000	0.000			
+4.07	3	59	DER4	-0.00221	-0.003846	543	945		OK	OK
N						0.000	0.001			
+4.07	3	59	DER5	0.001638	0.006261	402	538		OK	OK
N						0.000	0.001			
+4.07	3	59	DER5	-0.001598	-0.006247	393	535		OK	OK
N						0.000	0.001			
+4.07	3	59	DER6	0.001638	0.006261	402	538		OK	OK
N						0.000	0.001			
+4.07	3	59	DER6	-0.001598	-0.006247	393	535		OK	OK
N						0.000	0.001			
+4.07	3	59	DER7	0.001638	0.006261	402	538		OK	OK
N						0.000	0.001			
+4.07	3	59	DER7	-0.001598	-0.006247	393	535		OK	OK
N						0.000	0.001			
+4.07	3	59	DER8	0.001638	0.006261	402	538		OK	OK
N						0.000	0.001			
+4.07	3	59	DER8	-0.001598	-0.006247	393	535		OK	OK
N						0.000	0.001			
+4.07	13	69	DER1	0.002322	0.00432	57	062		OK	OK
N						0.000	0.001			
+4.07	13	69	DER1	-0.002278	-0.004354	56	07		OK	OK
N						0.000	0.001			
+4.07	13	69	DER2	0.002322	0.00432	57	062		OK	OK
N						0.000	0.001			
+4.07	13	69	DER2	-0.002278	-0.004354	56	07		OK	OK
N						0.000	0.001			
+4.07	13	69	DER3	0.002322	0.00432	57	062		OK	OK
N						0.000	0.001			
+4.07	13	69	DER3	-0.002278	-0.004354	56	07		OK	OK
N						0.000	0.001			
+4.07	13	69	DER4	0.002322	0.00432	57	062		OK	OK
N						0.000	0.001			
+4.07	13	69	DER4	-0.002278	-0.004354	56	07		OK	OK
N						0.000	0.001			
+4.07	13	69	DER5	0.001898	0.006566	466	613		OK	OK
N						0.000	0.001			
+4.07	13	69	DER5	-0.001853	-0.0066	455	622		OK	OK

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N						0.000	0.001			
+4.07	13	69	DER6	0.001898	0.006566	466	613		OK	OK
N						0.000	0.001			
+4.07	13	69	DER6	-0.001853	-0.0066	455	622		OK	OK
N						0.000	0.001			
+4.07	13	69	DER7	0.001898	0.006566	466	613		OK	OK
N						0.000	0.001			
+4.07	13	69	DER7	-0.001853	-0.0066	455	622		OK	OK
N						0.000	0.001			
+4.07	13	69	DER8	0.001898	0.006566	466	613		OK	OK
N						0.000	0.001			
+4.07	13	69	DER8	-0.001853	-0.0066	455	622		OK	OK
N						0.001	0.001			
+4.07	28	42	DER1	0.005189	0.00775	275	904		OK	OK
N						0.001	0.001			
+4.07	28	42	DER1	-0.005068	-0.007624	245	873		OK	OK
N						0.001	0.001			
+4.07	28	42	DER2	0.005189	0.00775	275	904		OK	OK
N						0.001	0.001			
+4.07	28	42	DER2	-0.005068	-0.007624	245	873		OK	OK
N						0.001	0.001			
+4.07	28	42	DER3	0.005189	0.00775	275	904		OK	OK
N						0.001	0.001			
+4.07	28	42	DER3	-0.005068	-0.007624	245	873		OK	OK
N						0.001	0.001			
+4.07	28	42	DER4	0.005189	0.00775	275	904		OK	OK
N						0.001	0.001			
+4.07	28	42	DER4	-0.005068	-0.007624	245	873		OK	OK
N						0.001	0.002			
+4.07	28	42	DER5	0.007033	0.011153	728	74		OK	OK
N						0.001	0.002			
+4.07	28	42	DER5	-0.006912	-0.011027	698	709		OK	OK
N						0.001	0.002			
+4.07	28	42	DER6	0.007033	0.011153	728	74		OK	OK
N						0.001	0.002			
+4.07	28	42	DER6	-0.006912	-0.011027	698	709		OK	OK
N						0.001	0.002			
+4.07	28	42	DER7	0.007033	0.011153	728	74		OK	OK
N						0.001	0.002			
+4.07	28	42	DER7	-0.006912	-0.011027	698	709		OK	OK
N						0.001	0.002			
+4.07	28	42	DER8	0.007033	0.011153	728	74		OK	OK
N						0.001	0.002			
+4.07	28	42	DER8	-0.006912	-0.011027	698	709		OK	OK

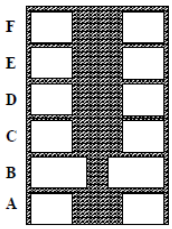
De acuerdo a lo anterior, la estructura no presenta irregularidad en altura del tipo 1aA, 1bA, 2A y 3A.

Irregularidad Tipo 4A

Tipo 4A — Desplazamiento dentro del plano de acción — $\phi_a = 0.8$ **b > a**	

A [m]	B [m]	Hay irregul?
0	0	No

Irregularidad Tipo 5A

Tipo 5aA — Piso débil $\phi_a = 0.9$ **0.65 Resist. Piso C ≤ Resist. Piso B < 0.80 Resist. Piso C**	
Tipo 5bA — Piso débil extremo $\phi_a = 0.8$ **Resistencia Piso B < 0.65 Resistencia Piso C**	

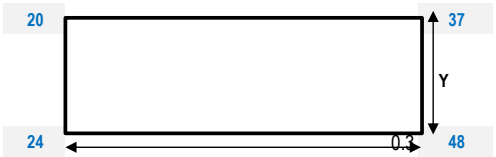
1aA – Piso flexible – No tiene – φa = 1.0
1bA – Piso flexible – No tiene – φa = 1.0
2A – Distribución masa – No tiene – φa = 1.0
3A – Geométrica – No tiene – φa = 1.0
4A – Desplazamientos dentro del plano de acción. – No tiene – φa = 1.0
5Aa – Piso Débil – No tiene – φa = 1.0
5Ba – Piso Débil Extremo – No tiene – φa = 1.0

Coeficiente de reducción por irregularidad en altura: φa = 1.0

11.2. IRREGULARIDAD EN PLANTA

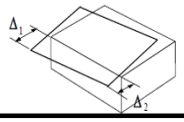
VERIFICACIÓN IRREGULARIDAD TORSIONAL TABLA A.3-6 NSR-10

Puntos escogidos



CASO DE CARGA DER1
DER1

Tipo 1aP — Irregularidad torsional	Tipo 1bP — Irregularidad torsional extrema
$\phi_p = 0.9$ $1.4\left(\frac{\Delta_1+\Delta_2}{2}\right) \geq \Delta_1 > 1.2\left(\frac{\Delta_1+\Delta_2}{2}\right)$	$\phi_p = 0.8$ $\Delta_1 > 1.4\left(\frac{\Delta_1+\Delta_2}{2}\right)$



Dirección X

Piso:	Punto	$D_{máx}$	$1,2*((D_1+D_2)/2)$	$1,4*((D_1+D_2)/2)$	CHECK
N+12.10	46	0.38%	0.28%	0.32%	1bp
N+12.10	38	0.08%			OK
N+12.10	48	0.37%	0.27%	0.31%	1bp
N+12.10	40	0.08%			OK
N+7.44	24	0.29%	0.23%	0.26%	1bp
N+7.44	20	0.08%			OK
N+7.44	48	0.30%	0.27%	0.31%	1ap
N+7.44	37	0.15%			OK
N +4.07	24	0.15%	0.12%	0.14%	1bp
N +4.07	20	0.05%			OK
N +4.07	48	0.15%	0.14%	0.17%	1ap
N +4.07	37	0.09%			OK

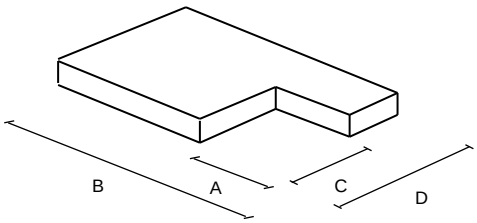
Dirección Y

Punto	$D_{máx}$	$1,2*((D_1+D_2)/2)$	$1,4*((D_1+D_2)/2)$	CHECK
46	0.26%	0.31%	0.36%	OK
38	0.26%			OK
48	0.45%	0.54%	0.63%	OK
40	0.45%			OK
24	0.25%	0.37%	0.43%	OK
48	0.37%			OK
20	0.25%	0.40%	0.46%	OK
37	0.41%			1ap
24	0.12%	0.19%	0.22%	OK
48	0.19%			1ap
20	0.12%	0.20%	0.24%	OK
37	0.22%			1ap

INDESCO Desarrollando Soluciones

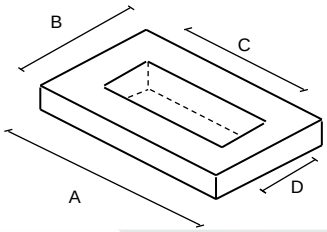
Verificacion Irregularidad Tipo 2P en caso de que aplique

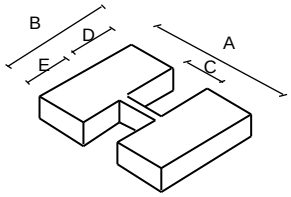
A [m]	B [m]	C [m]	D [m]	Hay irregularidad?
5.8	26.78	4.8	20.7	Si



Verificacion Irregularidad Tipo 3P en caso de que aplique

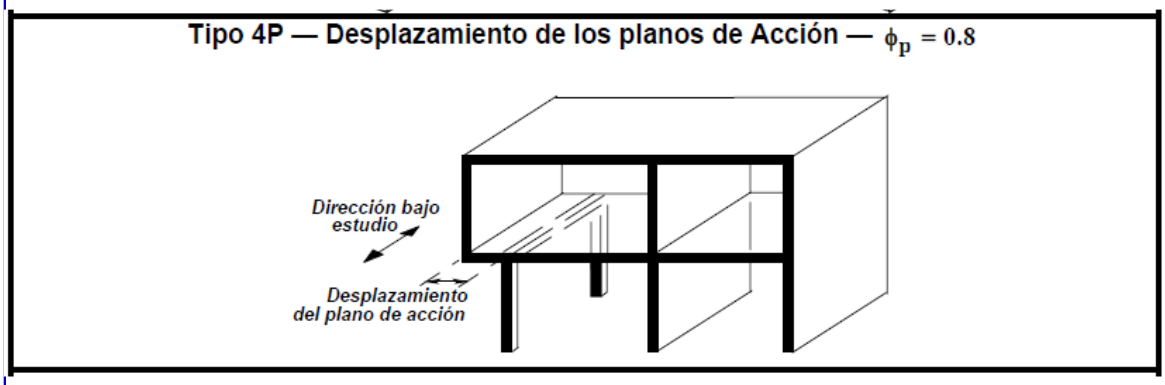
C [m]	D [m]	E [m]	A [m]	B [m]	Hay irregul?
18.36	9.85	0	26.78	20.7	No



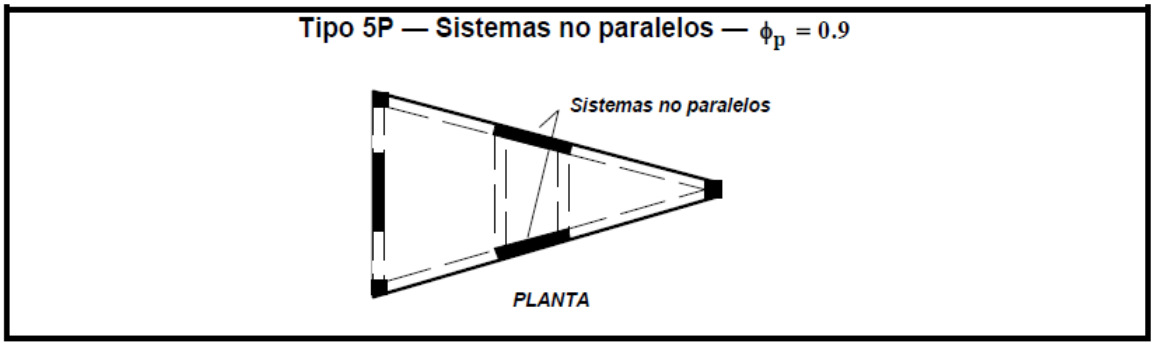


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Irregularidad Tipo 4P



Irregularidad Tipo 5P



1aP – Irregularidad Torsionsal – φp = 0.9
1bP – Irregularidad Torsionsal Extrema – φp = 0.8
2P – Retrocesos excesivos en las equinas – φp = 0.9
3P – Discontinuidad en el diafragma – φp = 1.0
4P – Desplazamientos dentro del plano de acción – φp = 1.0
5P – Sistemas no paralelos – φp = 1.0

Coeficiente de reducción por irregularidad en planta: φp = 0.8

11.3. IRREGULARIDAD POR FALTA DE REDUNDANCIA

Irregularidad por falta de redundancia: φrx = 1.0
Irregularidad por falta de redundancia: φry = 1.0

11.4. COEFICIENTE DE DISIPACIÓN DE ENERGÍA

R en dirección X = 5 * 1.0 * 0.9 * 1.0 = 4.5
R en dirección Y = 5 * 1.0 * 0.9 * 1.0 = 4.5

Ilustración 6. Resumen de Irregularidades y coeficiente de disipación de energía

Rox:	5.00
Roy:	5.00
fp:	0.80
fa:	1.00
fr:	1.00
Coeficiente de Disipación de Energia Rx:	4.0000
Coeficiente de Disipación de Energia Ry:	4.0000
Aceleración espectral - Diseño, Say:	**0.2166 (g)**
Aceleración espectral - Diseño, Sax:	**0.2166 (g)**

Fuente. Elaboración INDESCO SAS BIC, julio 2023

12. AVALÚO DE CARGAS

Con base en la información suministrada, se considera la carga más desfavorable para los entrepisos en relación a la carga muerta, por otra parte, las cargas vivas y de cubierta se consideran tomando la información de planos arquitectónicos suministrados, lo cual se presenta a continuación:

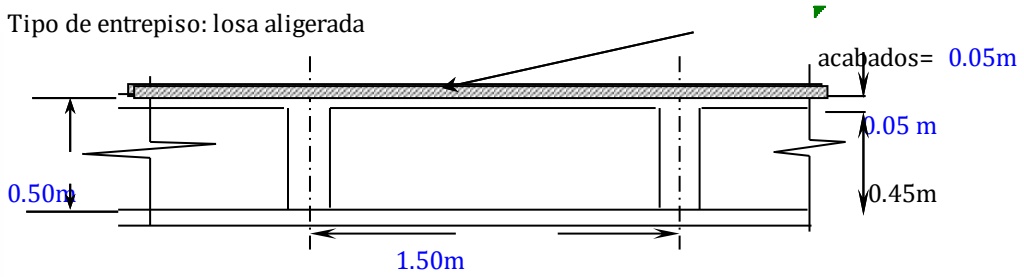
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Ilustración 7. Avalúo de Carga Muerta en losa de entrepiso

PROYECTO: AUDITORIO FACATATIVA

AVALÚO DE CARGAS EN PISO - ENTREPISOS H=50

Tipo de entrepiso: losa aligerada



Peso específico concreto:	2.40ton/m^3
ancho de las viguetas:	0.15m
Peso específico de acabados:	2.20ton/m^3

Análisis de cargas por m^2 de losa:

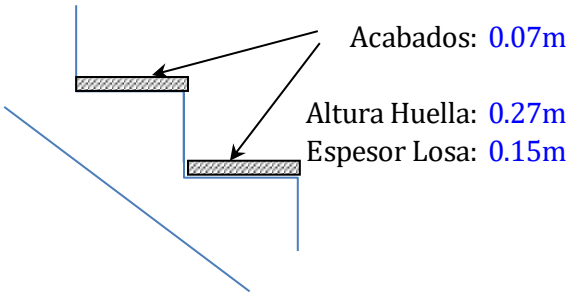
Peso propio loseta superior:	0.05x2.4x1x1=	0.120ton/m^2
Peso propios de viguetas dirección x:	(0.45x0.15x2.4)/1.5=	0.108ton/m^2
Peso propios de viguetas dirección y:	(0.45x0.15x2.4)/1.5=	0.108ton/m^2
Peso propio de acabados:	(0.05x2.2)=	0.110ton/m^2
Cielo raso en drywall:		0.050ton/m^2
Muros divisorios:		0.200ton/m^2
Subtotal carga muerta:		**0.696ton/m^2**

Fuente. Elaboración INDESCO SAS BIC, julio 2023

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Ilustración 8 Avalúo de Carga Muerta en escalera

PROYECTO: AUDITORIO FACATATIVA
AVALÚO DE CARGAS DE ESCALERA



Peso específico concreto: 2.4ton/m^3
Peso específico de acabados: 2.2ton/m^3

Análisis de cargas por m^2 de losa:

Peso propio loseta superior:	0.15x2.4=	0.360ton/m^2
Peso propio de acabados:	0.0725x2.2=	0.160ton/m^2
Peso propio escalones:	0.27x2.4/2=	0.324ton/m^2
Baranda:		0.020ton/m^2
Subtotal carga muerta:		0.864ton/m^2

Fuente. Elaboración INDESCO SAS BIC, julio 2023

INDESCO Desarrollando Soluciones

Tabla 4 Avalúo de Carga viva y de cubierta

CARGA VIVA P2 N+4.07		
Cafetería	5.00 KN/m^2	(Tabla B.4.2.1-1)
Corredores y Escaleras	5.00 KN/m^2	(Tabla B.4.2.1-1)
Silletería Fija	3.00 KN/m^2	(Tabla B.4.2.1-1)
Escenarios	7.50 KN/m^2	(Tabla B.4.2.1-1)
Cuartos Privados	2.00 KN/m^2	(Tabla B.4.2.1-1)
Almacenamiento Liviano	6.00 KN/m^2	(Tabla B.4.2.1-1)
CARGA VIVA P3 N+7.44		
Corredores y Escaleras	5.00 KN/m^2	(Tabla B.4.2.1-1)
Cuartos Privados	2.00 KN/m^2	(Tabla B.4.2.1-1)
CARGAS DE CUBIERTA		
Carga de Granizo y Empozamiento	1.00 KN/m^2	(Tabla B.4.2.1-1)
Carga mínima de Viento	0.40 KN/m^2	(Tabla B.4.2.1-1)
Carga viva de cubierta	1.80 KN/m^2	(Tabla B.4.2.1-2)

Fuente. Elaboración INDESCO SAS BIC, julio 2023

Para la asignación de cargas en el modelo matemático, el software tendrá en cuenta el peso propio de los elementos correspondientes a las vigas, muros y columnas del sistema de resistencia sísmica, por este motivo las cargas que se asignarán como carga muerta adicional en el modelo serán las indicadas anteriormente, en donde la carga muerta sobreimpuesta será de 0.696 Ton/m2 para entrepisos y de 0.864T/m2 para escaleras.
En lo relacionado a las cargas vivas, en el entrepiso se contemplarán las cargas indicadas en la tabla 4 según planos arquitectónicos.
Adicionalmente se contemplará para las cubiertas las cargas generadas por granizo y viento según lo estipulado en la NSR-10 Título B.

13. COMBINACIONES DE CARGA

Combos para chequeo de derivas.

DER 1 CM+1.0Sx +0.3Sy
DER 2 CM-1.0Sx +0.3Sy
DER 3 CM+1.0Sx -0.3Sy
DER 4 CM-1.0Sx -0.3Sy

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comercial@indesco.com.co

DER 5	CM+1.0Sy+0.3Sx
DER 6	CM-1.0Sy+0.3Sx
DER 7	CM+1.0Sy-0.3Sx
DER 8	CM-1.0Sy-0.3Sx

Combos de carga a flexocompresión para diseño de vigas, muros y columnas.

C1	1.4 D
C2	1.2 D + 1.6 L +0.5 G
C3	1.2 D + 1.6 G + 1.0 L
C4	1.2 D + 1.6 G + 0.5 W
C5	1.2 D + 1.6 G - 0.5 W
C6	1.2 D + 1.0 W + 1.0 L + 0.5 G
C7	1.2 D - 1.0 W + 1.0 L + 0.5 G
C8	1.2 D + 1.0 EX + 0.3 EY + 1.0 L
C8-1	1.2 D + 1.0 EX - 0.3 EY + 1.0 L
C8-2	1.2 D - 1.0 EX + 0.3 EY + 1.0 L
C8-3	1.2 D - 1.0 EX - 0.3 EY + 1.0 L
C9	1.2 D + 0.3 EX + 1.0 EY + 1.0 L
C9-1	1.2 D + 0.3 EX - 1.0 EY + 1.0 L
C9-2	1.2 D - 0.3 EX + 1.0 EY + 1.0 L
C9-3	1.2 D - 0.3 EX - 1.0 EY + 1.0 L
C10	0.9 D + 1.0 W
C11	0.9 D - 1.0 W

Combos de carga a cortante en columnas y muros.

CC12	1.2 D + 1.0 EX/R * Ω + 0.3 EY/R * Ω + 1.0 L
CC12-1	1.2 D - 1.0 EX/R * Ω + 0.3 EY/R * Ω + 1.0 L
CC12-2	1.2 D + 1.0 EX/R * Ω - 0.3 EY/R * Ω + 1.0 L
CC12-3	1.2 D - 1.0 EX/R * Ω - 0.3 EY/R * Ω + 1.0 L
CC13	1.2 D + 0.3 EX/R * Ω + 1.0 EY/R * Ω + 1.0 L
CC13-1	1.2 D - 0.3 EX/R * Ω + 1.0 EY/R * Ω + 1.0 L
CC13-2	1.2 D + 0.3 EX/R * Ω - 1.0 EY/R * Ω + 1.0 L
CC13-3	1.2 D - 0.3 EX/R * Ω - 1.0 EY/R * Ω + 1.0 L

Combos de carga a cortante en vigas.

VC14 1.2 D + 1.0 EX/R * 2 + 0.3 EY/R * 2 + 1.0 L
VC14-1 1.2 D - 1.0 EX/R * 2 + 0.3 EY/R * 2 + 1.0 L
VC14-2 1.2 D +1.0 EX/R * 2 - 0.3 EY/R * 2 + 1.0 L
VC14-3 1.2 D -1.0 EX/R * 2 - 0.3 EY/R * 2 + 1.0
VC15 1.2 D + 0.3 EX/R * 2 + 1.0 EY/R * 2 + 1.0 L
VC15-1 1.2 D - 0.3 EX/R * 2 + 1.0 EY/R * 2 + 1.0 L
VC15-2 1.2 D + 0.3 EX/R * 2 - 1.0 EY/R * 2 + 1.0 L
VC15-3 1.2 D - 0.3 EX/R * 2 - 1.0 EY/R * 2 + 1.0 L

Para la cimentación se tiene en cuenta para el chequeo de esfuerzos admisibles la carga de servicio CM+CV. En relación al diseño se tiene en cuenta la envolvente de las combinaciones por flexocompresión.

14. DATOS DE ENTRADA

Table 1.1 - Story Definitions

Tower	Name	Height m	Master Story	Similar To	Splice Story	Color
T1	N+12.10	1.67	Yes	None	No	Green
T1	N+10.43	2.99	Yes	None	No	Green
T1	N+7.44	3.37	No	None	No	Cyan
T1	N +4.07	4.07	No	None	No	Red

Table 1.9 - Mass Source Definition

Name	Is Default	Include Lateral Mass?	Include Vertical Mass?	Lump Mass?	Source Self Mass?	Source Added Mass?	Source Load Patterns?	Move Mass Centroid?	Load Pattern	Multiplier
MsSrc1	Yes	Yes	No	Yes	No	No	Yes	No	Dead	1
MsSrc1									SuperDead	1

Table 1.10 - Centers Of Mass And Rigidity

Story	Diaphragm	Mass X tonf-s2/m	Mass Y tonf-s2/m	XCM m	YCM m	Cum Mass X tonf-s2/m	Cum Mass Y tonf-s2/m	XCCM m	YCCM m	XCR m	YCR m
N+12.10	D1	29.99776	29.99776	12.695	7.5041	29.99776	29.99776	12.695	7.5041		
N+10.43	D1	8.98614	8.98614	3.4298	9.4331	38.9839	38.9839	10.5593	7.9488		
N+7.44	D1	35.49232	35.49232	12.0234	11.7197	74.47622	74.47622	11.257	9.7458		
N +4.07	D1	55.86244	55.86244	12.4112	10.0339	130.33866	130.33866	11.7517	9.8693		

Table 1.12 - Mass Summary by Story

Story	UX tonf-s2/m	UY tonf-s2/m	UZ tonf-s2/m
N+12.10	31.76985	31.76985	0
N+10.43	9.4619	9.4619	0
N+7.44	36.33856	36.33856	0
N +4.07	56.43389	56.43389	0
Base	7.41983	7.41983	0

Table 2.1 - Material Properties - General

Material	Type	SymType	Grade	Color	Notes
4000Psi	Concrete	Isotropic	f'c 4000 psi	Magenta	
A416Gr270	Tendon	Uniaxial	Grade 270	Gray8Dark	
A615Gr60	Rebar	Uniaxial	Grade 60	Yellow	
A992Fy50	Steel	Isotropic	Grade 50	Red	
Concreto 24 MPa	Concrete	Isotropic	24 MPa	Magenta	
Concreto COL 20.8 MPa	Concrete	Isotropic	20.8 MPa	Magenta	
Concreto COL B1 17.6 MPa	Concrete	Isotropic	17.6 MPa	Magenta	
Concreto Losa 16,88 MPa	Concrete	Isotropic	16.88 MPa	Magenta	
Concreto Muro M2 Eje A 13.2 MPa	Concrete	Isotropic	13.2 MPa	Magenta	
Concreto Muro M3 Eje 2 13.6 MPa	Concrete	Isotropic	13.6 MPa	Magenta	
Concreto Pantallas 16.75 MPa	Concrete	Isotropic	16.75 MPa	Magenta	
Concreto VG 23.75 MPa	Concrete	Isotropic	23.75 MPa	Magenta	

Table 2.2 - Frame Section Property Definitions - Summary (Part 1 of 3)

Name	Material	Shape	Color	Area m2	J m4	I33 m4	I22 m4
COL 60X60	Concreto COL 20.8 MPa	Concrete Rectangular	Yellow	0.36	0.018252	0.0108	0.0108
COL 65X65	Concreto COL 20.8 MPa	Concrete Rectangular	Red	0.4225	0.02514	0.014876	0.014876
COL 65x80	Concreto COL 20.8 MPa	Concrete Rectangular	Cyan	0.52	0.037108	0.018308	0.027733
COL 65X90	Concreto COL 20.8 MPa	Concrete Rectangular	8421631	0.585	0.045751	0.020597	0.039488
COL 70X70	Concreto COL 20.8 MPa	Concrete Rectangular	Blue	0.49	0.033814	0.020008	0.020008
COL Aumento 60x65	Concreto COL 20.8 MPa	Concrete Rectangular	Cyan	0.39	0.021231	0.013731	0.0117
Col Aumento 68x68	Concreto COL 20.8 MPa	Concrete Rectangular	16744448	0.4624	0.030112	0.017818	0.017818
Col Aumento 86x65	Concreto COL 20.8 MPa	Concrete Rectangular	Gray8Dark	0.559	0.042259	0.034453	0.019681
COL B1 17.6 MPa	Concreto COL B1 17.6 MPa	Concrete Rectangular	Gray8Dark	0.3136	0.01385	0.008195	0.008195
COL C1 56x56	Concreto COL 20.8 MPa	Concrete Rectangular	Gray8Dark	0.3136	0.01385	0.008195	0.008195
COL C10 57X52	Concreto COL 20.8 MPa	Concrete Rectangular	Blue	0.2964	0.012247	0.008025	0.006679
COL C11 55X52	Concreto COL 20.8 MPa	Concrete Rectangular	Green	0.286	0.011446	0.00721	0.006445
COL C12 57X56	Concreto COL 20.8 MPa	Concrete Rectangular	Cyan	0.3192	0.014318	0.008642	0.008342

Name	Material	Shape	Color	Area m2	J m4	I33 m4	I22 m4
COL C13 55X54	Concreto COL 20.8 MPa	Concrete Rectangular	Red	0.297	0.012395	0.007487	0.007217
COL C2 53x56	Concreto COL 20.8 MPa	Concrete Rectangular	Gray8Dark	0.2968	0.012328	0.006948	0.007756
COL C2 60X70	Concreto COL 20.8 MPa	Concrete Rectangular	Magenta	0.42	0.024408	0.0126	0.01715
COL C3 86x56	Concreto COL 20.8 MPa	Concrete Rectangular	Blue	0.4816	0.03	0.029683	0.012586
COL C4 55x55	Concreto COL 20.8 MPa	Concrete Rectangular	Green	0.3025	0.012887	0.007626	0.007626
COL C5 56x57	Concreto COL 20.8 MPa	Concrete Rectangular	Cyan	0.3192	0.014318	0.008342	0.008642
COL C6 54X55	Concreto COL 20.8 MPa	Concrete Rectangular	Yellow	0.297	0.012395	0.007217	0.007487
COL C7 56X55	Concreto COL 20.8 MPa	Concrete Rectangular	Blue	0.308	0.01333	0.008049	0.007764
COL C8 59X57	Concreto COL 20.8 MPa	Concrete Rectangular	Green	0.3363	0.015863	0.009756	0.009105
COL C9 56X54	Concreto COL 20.8 MPa	Concrete Rectangular	Cyan	0.3024	0.012823	0.007903	0.007348
COL NUEVA 50X50	Concreto 24 MPa	Concrete Rectangular	Cyan	0.25	0.008802	0.005208	0.005208
VG 20X45	Concreto VG 23.75 MPa	Concrete Rectangular	Cyan	0.09	0.000865	0.001519	0.0003
VG 20X50	Concreto VG 23.75 MPa	Concrete Rectangular	Cyan	0.1	0.000998	0.002083	0.000333
VG 40X45	Concreto VG 23.75 MPa	Concrete Rectangular	Magenta	0.18	0.004504	0.003038	0.0024
VG Aumento 40x60	Concreto VG 23.75 MPa	Concrete Rectangular	Red	0.24	0.007512	0.0072	0.0032
VG Aumento 45x45	Concreto VG 23.75 MPa	Concrete Rectangular	Cyan	0.2025	0.005775	0.003417	0.003417
VG Aumento 50x45	Concreto VG 23.75 MPa	Concrete Rectangular	Yellow	0.225	0.007047	0.003797	0.004688
VG Aumento 50x50	Concreto VG 23.75 MPa	Concrete Rectangular	Gray8Dark	0.25	0.008802	0.005208	0.005208
VG Aumento 50x60	Concreto VG 23.75 MPa	Concrete Rectangular	Magenta	0.3	0.012402	0.009	0.00625
VG Aumento 55x45	Concreto VG 23.75 MPa	Concrete Rectangular	Blue	0.2475	0.008417	0.004177	0.006239
VG Aumento 55x50	Concreto VG 23.75 MPa	Concrete Rectangular	Red	0.275	0.010539	0.005729	0.006932
VG Aumento 55x60	Concreto VG 23.75 MPa	Concrete Rectangular	Cyan	0.33	0.015189	0.0099	0.008319
VG Aumento 60x45	Concreto VG 23.75 MPa	Concrete Rectangular	Blue	0.27	0.009841	0.004556	0.0081
VG Aumento 60x50	Concreto VG 23.75 MPa	Concrete Rectangular	Blue	0.3	0.012402	0.00625	0.009
VG Aumento 60X60	Concreto VG 23.75 MPa	Concrete Rectangular	Green	0.36	0.018252	0.0108	0.0108
VG Aumento 60X70	Concreto VG 23.75 MPa	Concrete Rectangular	Blue	0.42	0.024408	0.0126	0.01715
VG Aumento 65x45	Concreto VG 23.75 MPa	Concrete Rectangular	Green	0.2925	0.011297	0.004936	0.010298

Name	Material	Shape	Color	Area m2	J m4	I33 m4	I22 m4
VG Aumento 65x50	Concreto VG 23.75 MPa	Concrete Rectangular	Cyan	0.325	0.014341	0.006771	0.011443
VG NUEVA 40X45	Concreto 24 MPa	Concrete Rectangular	Magenta	0.18	0.004504	0.003038	0.0024
VG40X50	Concreto VG 23.75 MPa	Concrete Rectangular	Yellow	0.2	0.005474	0.004167	0.002667
VG40X60	Concreto VG 23.75 MPa	Concrete Rectangular	8388863	0.24	0.007512	0.0072	0.0032

Table 2.3 - Area Section Property Definitions - Summary

Name	Type	Element Type	Material	Total Thickness m	Deck Material	Deck Depth m
Deck1	Deck	Membrane	4000Psi	0.1625	A992Fy50	0.075
Losa Sin peso	Slab	Membrane	Concreto Losa 16,88 MPa	0		
Losa sin Peso Escalera	Slab	Membrane	Concreto Losa 16,88 MPa	0		
M e:25 cm	Wall	Shell-Thin	Concreto 24 MPa	0.25		
M1	Wall	Shell-Thin	Concreto Pantallas 16.75 MPa	0.2		
M1 e:30cm	Wall	Shell-Thin	Concreto Pantallas 16.75 MPa	0.3		
M2 Eje A	Wall	Shell-Thin	Concreto Muro M2 Eje A 13.2 MPa	0.2		
M3	Wall	Shell-Thin	Concreto Muro M3 Eje 2 13.6 MPa	0.2		
M3 e:35cm	Wall	Shell-Thin	Concreto Pantallas 16.75 MPa	0.35		
M3 Eje 2	Wall	Shell-Thin	Concreto Muro M3 Eje 2 13.6 MPa	0.2		
M4	Wall	Shell-Thin	Concreto Pantallas 16.75 MPa	0.18		
M5	Wall	Shell-Thin	Concreto Pantallas 16.75 MPa	0.2		
M6	Wall	Shell-Thin	Concreto Pantallas 16.75 MPa	0.2		
M7	Wall	Shell-Thin	Concreto Pantallas 16.75 MPa	0.2		
M7 e:30cm	Wall	Shell-Thin	Concreto Pantallas 16.75 MPa	0.3		

Table 3.1 - Joint Assignments - Summary

Story	Label	UniqueName	Diaphragm	Restraints
N+12.10	23	65	D1	
N+12.10	26	55	D1	
N+12.10	38	2	D1	
N+12.10	39	5	D1	
N+12.10	40	7	D1	
N+12.10	42	9	D1	
N+12.10	43	11	D1	
N+12.10	44	13	D1	
N+12.10	46	15	D1	
N+12.10	47	18	D1	
N+12.10	48	19	D1	
N+12.10	50	20	D1	
N+12.10	51	44	D1	
N+12.10	60	75	D1	
N+12.10	95	154	D1	
N+12.10	96	160	D1	

Story	Label	UniqueName	Diaphragm	Restraints
N+12.10	97	74	D1	
N+12.10	100	73	D1	
N+12.10	3	68	D1	
N+12.10	13	82	D1	
N+12.10	28	56	D1	
N+12.10	29	182	D1	
N+12.10	15	4	D1	
N+10.43	19	192	D1	
N+10.43	20	191	D1	
N+10.43	23	52	D1	
N+10.43	26	54	D1	
N+10.43	24	188	D1	
N+10.43	32	187	D1	
N+10.43	38	1	D1	
N+10.43	42	8	D1	
N+10.43	46	14	D1	
N+10.43	54	142	D1	
N+10.43	55	33	D1	
N+10.43	57	141	D1	
N+10.43	36	147	D1	
N+10.43	52	165	D1	
N+10.43	56	162	D1	
N+10.43	51	43	D1	
N+10.43	60	29	D1	
N+10.43	61	23	D1	
N+10.43	64	22	D1	
N+10.43	65	178	D1	
N+10.43	89	184	D1	
N+10.43	94	21	D1	
N+10.43	95	143	D1	
N+10.43	96	157	D1	
N+10.43	100	161	D1	
N+10.43	3	67	D1	
N+10.43	13	81	D1	
N+10.43	101	25	D1	
N+10.43	102	24	D1	
N+10.43	18	150	D1	
N+10.43	12	148	D1	
N+10.43	4	144	D1	
N+10.43	7	146	D1	
N+10.43	53	6	D1	
N+7.44	14	70	D1	
N+7.44	19	79	D1	
N+7.44	20	78	D1	
N+7.44	23	83	D1	
N+7.44	26	84	D1	
N+7.44	24	77	D1	

Story	Label	UniqueName	Diaphragm	Restraints
N+7.44	32	91	D1	
N+7.44	33	124	D1	
N+7.44	34	138	D1	
N+7.44	35	132	D1	
N+7.44	37	131	D1	
N+7.44	38	139	D1	
N+7.44	39	126	D1	
N+7.44	40	127	D1	
N+7.44	41	130	D1	
N+7.44	42	136	D1	
N+7.44	43	206	D1	
N+7.44	44	128	D1	
N+7.44	45	129	D1	
N+7.44	46	156	D1	
N+7.44	47	201	D1	
N+7.44	48	203	D1	
N+7.44	54	153	D1	
N+7.44	55	152	D1	
N+7.44	57	151	D1	
N+7.44	36	112	D1	
N+7.44	52	133	D1	
N+7.44	56	125	D1	
N+7.44	58	145	D1	
N+7.44	49	135	D1	
N+7.44	50	134	D1	
N+7.44	51	175	D1	
N+7.44	60	137	D1	
N+7.44	61	149	D1	
N+7.44	62	64	D1	
N+7.44	59	66	D1	
N+7.44	64	155	D1	
N+7.44	66	158	D1	
N+7.44	67	159	D1	
N+7.44	77	167	D1	
N+7.44	81	171	D1	
N+7.44	73	140	D1	
N+7.44	74	163	D1	
N+7.44	83	164	D1	
N+7.44	94	26	D1	
N+7.44	95	199	D1	
N+7.44	96	200	D1	
N+7.44	2	80	D1	
N+7.44	97	36	D1	
N+7.44	100	30	D1	
N+7.44	3	72	D1	
N+7.44	13	88	D1	
N+7.44	101	28	D1	

Story	Label	UniqueName	Diaphragm	Restraints
N+7.44	102	27	D1	
N+7.44	18	76	D1	
N+7.44	21	89	D1	
N+7.44	22	90	D1	
N+7.44	12	122	D1	
N+7.44	1	189	D1	
N+7.44	5	190	D1	
N+7.44	6	194	D1	
N+7.44	10	208	D1	
N+7.44	8	209	D1	
N+7.44	9	210	D1	
N+7.44	11	211	D1	
N+7.44	27	212	D1	
N+7.44	28	47	D1	
N+7.44	29	179	From Area	
N+7.44	63	10	D1	
N +4.07	16	32	D1	
N +4.07	19	37	D1	
N +4.07	20	38	D1	
N +4.07	23	45	D1	
N +4.07	26	51	D1	
N +4.07	24	93	D1	
N +4.07	32	92	D1	
N +4.07	33	94	D1	
N +4.07	34	95	D1	
N +4.07	35	96	D1	
N +4.07	37	98	D1	
N +4.07	38	99	D1	
N +4.07	39	100	D1	
N +4.07	40	101	D1	
N +4.07	41	102	D1	
N +4.07	42	103	D1	
N +4.07	43	104	D1	
N +4.07	44	105	D1	
N +4.07	45	106	D1	
N +4.07	46	107	D1	
N +4.07	47	108	D1	
N +4.07	48	109	D1	
N +4.07	54	113	D1	
N +4.07	55	114	D1	
N +4.07	57	116	D1	
N +4.07	36	34	D1	
N +4.07	52	111	D1	
N +4.07	56	115	D1	
N +4.07	58	117	D1	
N +4.07	49	35	D1	
N +4.07	50	97	D1	

Story	Label	UniqueName	Diaphragm	Restraints
N +4.07	51	110	D1	
N +4.07	60	119	D1	
N +4.07	61	121	D1	
N +4.07	62	118	D1	
N +4.07	59	120	D1	
N +4.07	64	123	D1	
N +4.07	94	202	D1	
N +4.07	95	195	D1	
N +4.07	96	198	D1	
N +4.07	2	174	D1	
N +4.07	97	46	D1	
N +4.07	100	58	D1	
N +4.07	3	59	D1	
N +4.07	13	69	D1	
N +4.07	101	86	D1	
N +4.07	102	87	D1	
N +4.07	17	57	D1	
N +4.07	18	61	D1	
N +4.07	21	62	D1	
N +4.07	22	63	D1	
N +4.07	12	41	D1	
N +4.07	1	166	D1	
N +4.07	5	168	D1	
N +4.07	6	169	D1	
N +4.07	10	170	D1	
N +4.07	8	173	D1	
N +4.07	9	176	D1	
N +4.07	11	177	D1	
N +4.07	27	31	D1	
N +4.07	28	42	D1	
N +4.07	68	12	D1	
Base	19	39	From Area	UX; UY; UZ; RX; RY; RZ
Base	20	40	From Area	UX; UY; UZ; RX; RY; RZ
Base	23	48	From Area	UX; UY; UZ; RX; RY; RZ
Base	26	50	From Area	UX; UY; UZ; RX; RY; RZ
Base	24	204	From Area	UX; UY; UZ; RX; RY; RZ
Base	32	205	From Area	UX; UY; UZ; RX; RY; RZ
Base	33	3	From Area	UX; UY; UZ; RX; RY; RZ
Base	34	85	From Area	UX; UY; UZ; RX; RY; RZ
Base	35	193	From Area	UX; UY; UZ; RX; RY; RZ
Base	37	207	From Area	UX; UY; UZ; RX; RY; RZ
Base	38	213	From Area	UX; UY; UZ; RX; RY; RZ
Base	39	214	From Area	UX; UY; UZ; RX; RY; RZ
Base	40	215	From Area	UX; UY; UZ; RX; RY; RZ
Base	41	219	From Area	UX; UY; UZ; RX; RY; RZ
Base	42	220	From Area	UX; UY; UZ; RX; RY; RZ
Base	43	221	From Area	UX; UY; UZ; RX; RY; RZ

Story	Label	UniqueName	Diaphragm	Restraints
Base	44	222	From Area	UX; UY; UZ; RX; RY; RZ
Base	45	223	From Area	UX; UY; UZ; RX; RY; RZ
Base	46	224	From Area	UX; UY; UZ; RX; RY; RZ
Base	47	225	From Area	UX; UY; UZ; RX; RY; RZ
Base	48	226	From Area	UX; UY; UZ; RX; RY; RZ
Base	51	49	From Area	UX; UY; UZ; RX; RY; RZ
Base	60	16	From Area	UX; UY; UZ; RX; RY; RZ
Base	95	196	From Area	UX; UY; UZ; RX; RY; RZ
Base	96	197	From Area	UX; UY; UZ; RX; RY; RZ
Base	3	53	From Area	UX; UY; UZ; RX; RY; RZ
Base	13	60	From Area	UX; UY; UZ; RX; RY; RZ
Base	28	17	From Area	UX; UY; UZ; RX; RY; RZ

Table 3.2 - Frame Assignments - Summary

Story	Label	UniqueName	Design Type	Length m	Analysis Section	Design Section	Max Station Spacing m	Min Number Stations
N+12.10	B1	22	Beam	10.94	VG Aumento 55x45	VG Aumento 55x45	0.5	
N+12.10	B4	23	Beam	9.7	VG 40X45	VG 40X45	0.5	
N+12.10	B8	25	Beam	10.96	VG 40X45	VG 40X45	0.5	
N+12.10	B9	36	Beam	9.665	VG Aumento 50x45	VG Aumento 50x45	0.5	
N+12.10	B14	26	Beam	10.14	VG Aumento 55x45	VG Aumento 55x45	0.5	
N+12.10	B16	27	Beam	10.15	VG Aumento 60X60	VG Aumento 60X60	0.5	
N+12.10	B17	28	Beam	5.19	VG Aumento 50x45	VG Aumento 50x45	0.5	
N+12.10	B2	29	Beam	10.125	VG 40X45	VG 40X45	0.5	
N+12.10	B3	30	Beam	5.215	VG 40X45	VG 40X45	0.5	
N+12.10	B25	33	Beam	9.6801	VG Aumento 50x45	VG Aumento 50x45	0.5	
N+12.10	B44	79	Beam	6.2286	VG 20X45	VG 20X45	0.5	
N+12.10	B27	66	Beam	6.24	VG 40X45	VG 40X45	0.5	
N+12.10	B30	77	Beam	4.74	VG Aumento 50x45	VG Aumento 50x45	0.5	
N+12.10	B37	99	Beam	2.27	VG 40X45	VG 40X45	0.5	
N+12.10	B38	103	Beam	2.95	VG 40X45	VG 40X45	0.5	
N+12.10	B40	120	Beam	0.017	COL C1 56x56	COL C1 56x56	0.5	
N+12.10	B42	114	Beam	2.853	VG 40X45	VG 40X45	0.5	
N+12.10	B43	118	Beam	2.35	VG 40X45	VG 40X45	0.5	
N+12.10	C23	3	Column	1.67	COL C1 56x56	COL C1 56x56		3
N+12.10	C28	9	Column	1.67	COL C9 56X54	COL C9 56X54		3
N+12.10	C32	15	Column	1.67	Col Aumento 68x68	Col Aumento 68x68		3
N+12.10	C1	4	Column	4.66	COL C10 57X52	COL C10 57X52		3
N+12.10	C2	6	Column	4.66	COL C7 56X55	COL C7 56X55		3
N+12.10	C3	10	Column	4.66	Col Aumento 68x68	Col Aumento 68x68		3
N+12.10	C4	12	Column	4.66	COL C9 56X54	COL C9 56X54		3
N+12.10	C5	16	Column	4.66	Col Aumento 68x68	Col Aumento 68x68		3
N+12.10	C6	18	Column	4.66	COL C13 55X54	COL C13 55X54		3
N+10.43	B14	64	Beam	10.14	VG Aumento 50x45	VG Aumento 50x45	0.5	
N+10.43	B15	68	Beam	5.2201	VG 40X45	VG 40X45	0.5	

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Story	Label	UniqueName	Design Type	Length m	Analysis Section	Design Section	Max Station Spacing m	Min Number Stations
N+10.43	B53	55	Beam	2.6878	VG 40X45	VG 40X45	0.5	
N+10.43	B52	56	Beam	2.6602	VG 40X45	VG 40X45	0.5	
N+10.43	B23	60	Beam	3.21	VG 40X45	VG 40X45	0.5	
N+10.43	B34	71	Beam	2.6766	VG 40X45	VG 40X45	0.5	
N+10.43	B6	78	Beam	0.86	VG 40X45	VG 40X45	0.5	
N+10.43	B29	57	Beam	9.06	VG 40X45	VG 40X45	0.5	
N+10.43	C23	1	Column	2.99	COL C1 56x56	COL C1 56x56		3
N+10.43	C28	8	Column	2.99	COL C9 56X54	COL C9 56X54		3
N+10.43	C32	14	Column	2.99	Col Aumento 68x68	Col Aumento 68x68		3
N+7.44	B1	98	Beam	10.94	VG 40X45	VG 40X45	0.5	
N+7.44	B4	100	Beam	9.7	VG 40X45	VG 40X45	0.5	
N+7.44	B7	102	Beam	2.65	VG 40X45	VG 40X45	0.5	
N+7.44	B9	113	Beam	9.665	VG Aumento 50x45	VG Aumento 50x45	0.5	
N+7.44	B10	104	Beam	2.65	VG 40X45	VG 40X45	0.5	
N+7.44	B11	5	Beam	7.805	VG NUEVA 40X45	VG NUEVA 40X45	0.5	
N+7.44	B12	7	Beam	9.975	VG NUEVA 40X45	VG NUEVA 40X45	0.5	
N+7.44	B13	105	Beam	2.395	VG 40X45	VG 40X45	0.5	
N+7.44	B14	106	Beam	10.14	VG Aumento 50x45	VG Aumento 50x45	0.5	
N+7.44	B17	21	Beam	5.19	VG Aumento 50x45	VG Aumento 50x45	0.5	
N+7.44	B18	11	Beam	4.8001	VG NUEVA 40X45	VG NUEVA 40X45	0.5	
N+7.44	B2	107	Beam	10.125	VG Aumento 50x45	VG Aumento 50x45	0.5	
N+7.44	B3	108	Beam	5.215	VG Aumento 50x45	VG Aumento 50x45	0.5	
N+7.44	B19	109	Beam	4.7985	VG Aumento 50x45	VG Aumento 50x45	0.5	
N+7.44	B20	110	Beam	5.23	VG 40X45	VG 40X45	0.5	
N+7.44	B22	111	Beam	4.7851	VG 40X45	VG 40X45	0.5	
N+7.44	B21	13	Beam	4.7886	VG NUEVA 40X45	VG NUEVA 40X45	0.5	
N+7.44	B24	101	Beam	10.98	VG 40X45	VG 40X45	0.5	
N+7.44	B25	112	Beam	9.6801	VG Aumento 50x45	VG Aumento 50x45	0.5	
N+7.44	B53	58	Beam	2.6878	VG 40X45	VG 40X45	0.5	
N+7.44	B52	59	Beam	2.6602	VG 40X45	VG 40X45	0.5	
N+7.44	B44	74	Beam	6.2286	VG 20X45	VG 20X45	0.5	
N+7.44	B23	84	Beam	3.21	VG 40X45	VG 40X45	0.5	
N+7.44	B34	85	Beam	2.6766	VG 40X45	VG 40X45	0.5	
N+7.44	B6	87	Beam	0.86	VG 40X45	VG 40X45	0.5	
N+7.44	B29	82	Beam	9.06	VG 40X45	VG 40X45	0.5	
N+7.44	B28	32	Beam	3.13	VG 40X45	VG 40X45	0.5	
N+7.44	B31	67	Beam	3.08	VG 40X45	VG 40X45	0.5	
N+7.44	B32	69	Beam	4.75	VG 40X45	VG 40X45	0.5	
N+7.44	B35	70	Beam	3.113	VG Aumento 50x45	VG Aumento 50x45	0.5	
N+7.44	B36	88	Beam	2.09	VG 40X45	VG 40X45	0.5	
N+7.44	B37	76	Beam	2.27	VG Aumento 50x45	VG Aumento 50x45	0.5	
N+7.44	B38	90	Beam	2.95	VG 40X45	VG 40X45	0.5	
N+7.44	B40	94	Beam	0.017	COL C1 56x56	COL C1 56x56	0.5	
N+7.44	C16	124	Column	3.37	COL C6 54X55	COL C6 54X55		3

Story	Label	UniqueName	Design Type	Length m	Analysis Section	Design Section	Max Station Spacing m	Min Number Stations
N+7.44	C19	19	Column	3.37	COL NUEVA 50X50	COL NUEVA 50X50		3
N+7.44	C20	115	Column	3.37	COL C7 56X55	COL C7 56X55		3
N+7.44	C21	117	Column	3.37	COL C4 55x55	COL C4 55x55		3
N+7.44	C23	125	Column	3.37	COL C1 56x56	COL C1 56x56		3
N+7.44	C24	127	Column	3.37	COL C1 56x56	COL C1 56x56		3
N+7.44	C25	129	Column	3.37	COL C4 55x55	COL C4 55x55		3
N+7.44	C27	133	Column	3.37	COL C9 56X54	COL C9 56X54		3
N+7.44	C28	135	Column	3.37	COL C7 56X55	COL C7 56X55		3
N+7.44	C29	137	Column	3.37	Col Aumento 68x68	Col Aumento 68x68		3
N+7.44	C30	139	Column	3.37	Col Aumento 68x68	Col Aumento 68x68		3
N+7.44	C31	141	Column	3.37	COL C1 56x56	COL C1 56x56		3
N+7.44	C32	143	Column	3.37	Col Aumento 68x68	Col Aumento 68x68		3
N+7.44	C33	145	Column	3.37	Col Aumento 68x68	Col Aumento 68x68		3
N+7.44	C34	147	Column	3.37	Col Aumento 68x68	Col Aumento 68x68		3
N +4.07	B1	17	Beam	10.94	VG Aumento 55x60	VG Aumento 55x60	0.5	
N +4.07	B4	31	Beam	9.7	VG Aumento 55x60	VG Aumento 55x60	0.5	
N +4.07	B7	34	Beam	2.65	VG40X50	VG40X50	0.5	
N +4.07	B9	54	Beam	9.665	VG Aumento 40x60	VG Aumento 40x60	0.5	
N +4.07	B10	37	Beam	2.65	VG40X50	VG40X50	0.5	
N +4.07	B11	38	Beam	7.805	VG40X50	VG40X50	0.5	
N +4.07	B12	39	Beam	9.975	VG Aumento 50x50	VG Aumento 50x50	0.5	
N +4.07	B13	40	Beam	2.395	VG40X50	VG40X50	0.5	
N +4.07	B14	41	Beam	10.14	VG40X50	VG40X50	0.5	
N +4.07	B15	73	Beam	5.2201	VG40X50	VG40X50	0.5	
N +4.07	B16	43	Beam	10.15	VG Aumento 50x60	VG Aumento 50x60	0.5	
N +4.07	B17	44	Beam	5.19	VG40X60	VG40X60	0.5	
N +4.07	B18	45	Beam	4.8001	VG40X60	VG40X60	0.5	
N +4.07	B2	46	Beam	10.125	VG40X50	VG40X50	0.5	
N +4.07	B3	47	Beam	5.215	VG40X50	VG40X50	0.5	
N +4.07	B19	48	Beam	4.7985	VG Aumento 50x50	VG Aumento 50x50	0.5	
N +4.07	B20	49	Beam	5.23	VG40X50	VG40X50	0.5	
N +4.07	B22	51	Beam	4.7851	VG40X50	VG40X50	0.5	
N +4.07	B21	50	Beam	4.7886	VG Aumento 50x50	VG Aumento 50x50	0.5	
N +4.07	B25	52	Beam	9.6801	VG Aumento 55x60	VG Aumento 55x60	0.5	
N +4.07	B53	93	Beam	2.6878	VG40X50	VG40X50	0.5	
N +4.07	B52	92	Beam	2.6602	VG40X50	VG40X50	0.5	
N +4.07	B5	80	Beam	5.203	VG Aumento 50x50	VG Aumento 50x50	0.5	
N +4.07	B44	75	Beam	6.2286	VG 20X50	VG 20X50	0.5	
N +4.07	B23	86	Beam	3.21	VG40X50	VG40X50	0.5	
N +4.07	B34	89	Beam	2.6766	VG40X50	VG40X50	0.5	
N +4.07	B6	72	Beam	0.86	VG40X50	VG40X50	0.5	
N +4.07	B29	83	Beam	9.06	VG Aumento 50x50	VG Aumento 50x50	0.5	
N +4.07	B28	35	Beam	3.13	VG40X50	VG40X50	0.5	
N +4.07	B26	63	Beam	7.83	VG40X50	VG40X50	0.5	

Story	Label	UniqueName	Design Type	Length m	Analysis Section	Design Section	Max Station Spacing m	Min Number Stations
N +4.07	B27	62	Beam	6.24	VG40X60	VG40X60	0.5	
N +4.07	B30	65	Beam	4.74	VG40X60	VG40X60	0.5	
N +4.07	C16	2	Column	4.07	COL C1 56x56	COL C1 56x56		3
N +4.07	C19	42	Column	4.07	COL C2 53x56	COL C2 53x56		3
N +4.07	C20	96	Column	4.07	COL C3 86x56	COL C3 86x56		3
N +4.07	C21	116	Column	4.07	COL C2 53x56	COL C2 53x56		3
N +4.07	C23	123	Column	4.07	COL C1 56x56	COL C1 56x56		3
N +4.07	C24	126	Column	4.07	COL C1 56x56	COL C1 56x56		3
N +4.07	C25	128	Column	4.07	COL C2 53x56	COL C2 53x56		3
N +4.07	C27	132	Column	4.07	COL C4 55x55	COL C4 55x55		3
N +4.07	C28	134	Column	4.07	Col Aumento 68x68	Col Aumento 68x68		3
N +4.07	C29	136	Column	4.07	Col Aumento 68x68	Col Aumento 68x68		3
N +4.07	C30	138	Column	4.07	Col Aumento 68x68	Col Aumento 68x68		3
N +4.07	C31	140	Column	4.07	COL C5 56x57	COL C5 56x57		3
N +4.07	C32	142	Column	4.07	Col Aumento 68x68	Col Aumento 68x68		3
N +4.07	C33	144	Column	4.07	Col Aumento 68x68	Col Aumento 68x68		3
N +4.07	C34	146	Column	4.07	Col Aumento 68x68	Col Aumento 68x68		3

Table 3.3 - Area Assignments - Summary

Story	Label	UniqueName	Section Property	Property Type	Pier
N+12.10	F11	51	Losa Sin peso	Slab	
N+12.10	W5	7	M7 e:30cm	Wall	M5
N+12.10	W1	42	M4	Wall	M4
N+12.10	W11	43	M7 e:30cm	Wall	M6
N+12.10	W3	9	M7 e:30cm	Wall	M7
N+12.10	W4	10	M7 e:30cm	Wall	M9
N+12.10	W7	12	M7 e:30cm	Wall	M8
N+12.10	W6	69	M3 e:35cm	Wall	M3
N+12.10	W12	67	M e:25 cm	Wall	M10
N+10.43	F7	53	Losa Sin peso	Slab	
N+10.43	F12	52	Losa Sin peso	Slab	
N+10.43	W2	35	M2 Eje A	Wall	M2
N+10.43	W5	45	M7 e:30cm	Wall	M5
N+10.43	W9	6	M1	Wall	M1
N+10.43	W1	49	M4	Wall	M4
N+10.43	W11	50	M7 e:30cm	Wall	M6
N+10.43	W3	13	M7 e:30cm	Wall	M7
N+10.43	W4	15	M7 e:30cm	Wall	M9
N+10.43	W7	16	M7 e:30cm	Wall	M8
N+10.43	W6	70	M3 e:35cm	Wall	M3
N+7.44	F2	28	Losa Sin peso	Slab	
N+7.44	F10	31	Losa Sin peso	Slab	
N+7.44	F3	23	Losa Sin peso	Slab	

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Story	Label	UniqueName	Section Property	Property Type	Pier
N+7.44	F5	29	Losa Sin peso	Slab	
N+7.44	F7	30	Losa Sin peso	Slab	
N+7.44	F17	32	Losa Sin peso	Slab	
N+7.44	F19	36	Losa Sin peso	Slab	
N+7.44	F4	33	Losa Sin peso	Slab	
N+7.44	F8	44	Losa Sin peso	Slab	
N+7.44	F15	48	Losa Sin peso	Slab	
N+7.44	F13	47	Losa Sin peso	Slab	
N+7.44	F20	59	Losa sin Peso Escalera	Slab	
N+7.44	F21	60	Losa sin Peso Escalera	Slab	
N+7.44	F18	61	Losa sin Peso Escalera	Slab	
N+7.44	F22	62	Losa sin Peso Escalera	Slab	
N+7.44	F23	63	Losa sin Peso Escalera	Slab	
N+7.44	W2	11	M2 Eje A	Wall	M2
N+7.44	W5	14	M7 e:30cm	Wall	M5
N+7.44	W9	19	M1	Wall	M1
N+7.44	W1	38	M4	Wall	M4
N+7.44	W11	39	M7 e:30cm	Wall	M6
N+7.44	W3	17	M7 e:30cm	Wall	M7
N+7.44	W4	18	M7 e:30cm	Wall	M9
N+7.44	W7	26	M7 e:30cm	Wall	M8
N+7.44	W6	68	M3 e:35cm	Wall	M3
N+7.44	W10	66	M e:25 cm	Wall	M10
N +4.07	F2	1	Losa Sin peso	Slab	
N +4.07	F9	22	Losa Sin peso	Slab	
N +4.07	F1	20	Losa Sin peso	Slab	
N +4.07	F6	24	Losa Sin peso	Slab	
N +4.07	F14	27	Losa Sin peso	Slab	
N +4.07	F16	21	Losa Sin peso	Slab	
N +4.07	F3	40	Losa Sin peso	Slab	
N +4.07	F5	46	Losa Sin peso	Slab	
N +4.07	F7	25	Losa Sin peso	Slab	
N +4.07	F20	54	Losa sin Peso Escalera	Slab	
N +4.07	F21	55	Losa sin Peso Escalera	Slab	
N +4.07	F18	56	Losa sin Peso Escalera	Slab	
N +4.07	F22	57	Losa sin Peso Escalera	Slab	
N +4.07	F23	58	Losa sin Peso Escalera	Slab	
N +4.07	W2	2	M2 Eje A	Wall	M2
N +4.07	W5	5	M7 e:30cm	Wall	M5
N +4.07	W9	41	M1	Wall	M1
N +4.07	W1	34	M4	Wall	M4
N +4.07	W11	37	M7 e:30cm	Wall	M6
N +4.07	W3	3	M7 e:30cm	Wall	M7
N +4.07	W4	4	M7 e:30cm	Wall	M9
N +4.07	W7	8	M7 e:30cm	Wall	M8
N +4.07	W6	64	M3 e:35cm	Wall	M3

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Story	Label	UniqueName	Section Property	Property Type	Pier
N +4.07	W10	65	M e:25 cm	Wall	M10

Table 4.1 - Load Pattern Definitions

Name	Is Auto Load	Type	Self Weight Multiplier	Auto Load
~LLRF	Yes	Other	0	
Dead	No	Dead	1	
Ex	No	Seismic	0	User Coefficient
Ex(1/3)	Yes	Seismic	0	User Coefficient
Ex(2/3)	Yes	Seismic	0	User Coefficient
Ex(3/3)	Yes	Seismic	0	User Coefficient
Ey	No	Seismic	0	User Coefficient
Ey(1/6)	Yes	Seismic	0	User Coefficient
Ey(2/6)	Yes	Seismic	0	User Coefficient
Ey(3/6)	Yes	Seismic	0	User Coefficient
Ey(4/6)	Yes	Seismic	0	User Coefficient
Ey(5/6)	Yes	Seismic	0	User Coefficient
Ey(6/6)	Yes	Seismic	0	User Coefficient
FHEX	No	Seismic	0	User Coefficient
FHEX(1/3)	Yes	Seismic	0	User Coefficient
FHEX(2/3)	Yes	Seismic	0	User Coefficient
FHEX(3/3)	Yes	Seismic	0	User Coefficient
FHEY	No	Seismic	0	User Coefficient
FHEY(1/3)	Yes	Seismic	0	User Coefficient
FHEY(2/3)	Yes	Seismic	0	User Coefficient
FHEY(3/3)	Yes	Seismic	0	User Coefficient
Granizo y Empozamiento	No	Snow	0	
Live	No	Live	0	
SuperDead	No	Super Dead	0	
Wind	No	Wind	0	None

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Table 4.6 - Area Load Assignments - Uniform

Story	Label	UniqueName	Load Pattern	Direction	Load tonf/m2
N+12.10	F11	51	Live	Gravity	0.18
N+10.43	F7	53	Live	Gravity	0.18
N+10.43	F12	52	Live	Gravity	0.18
N+7.44	F2	28	Live	Gravity	0.35
N+7.44	F10	31	Live	Gravity	0.35
N+7.44	F3	23	Live	Gravity	0.2
N+7.44	F5	29	Live	Gravity	0.5
N+7.44	F7	30	Live	Gravity	0.5

Story	Label	UniqueName	Load Pattern	Direction	Load tonf/m2
N+7.44	F17	32	Live	Gravity	0.5
N+7.44	F19	36	Live	Gravity	0.5
N+7.44	F4	33	Live	Gravity	0.18
N+7.44	F8	44	Live	Gravity	0.18
N+7.44	F15	48	Live	Gravity	0.18
N+7.44	F13	47	Live	Gravity	0.18
N+7.44	F20	59	Live	Gravity	0.5
N+7.44	F21	60	Live	Gravity	0.5
N+7.44	F18	61	Live	Gravity	0.5
N+7.44	F22	62	Live	Gravity	0.5
N+7.44	F23	63	Live	Gravity	0.5
N +4.07	F2	1	Live	Gravity	0.2
N +4.07	F9	22	Live	Gravity	0.5
N +4.07	F1	20	Live	Gravity	0.5
N +4.07	F6	24	Live	Gravity	0.3
N +4.07	F14	27	Live	Gravity	0.3
N +4.07	F16	21	Live	Gravity	0.75
N +4.07	F3	40	Live	Gravity	0.6
N +4.07	F5	46	Live	Gravity	0.5
N +4.07	F7	25	Live	Gravity	0.5
N +4.07	F20	54	Live	Gravity	0.5
N +4.07	F21	55	Live	Gravity	0.5
N +4.07	F18	56	Live	Gravity	0.5
N +4.07	F22	57	Live	Gravity	0.5
N +4.07	F23	58	Live	Gravity	0.5
N+12.10	F11	51	SuperDead	Gravity	0.696
N+10.43	F7	53	SuperDead	Gravity	0.696
N+10.43	F12	52	SuperDead	Gravity	0.696
N+7.44	F2	28	SuperDead	Gravity	0.696
N+7.44	F10	31	SuperDead	Gravity	0.696
N+7.44	F3	23	SuperDead	Gravity	0.696
N+7.44	F5	29	SuperDead	Gravity	0.696
N+7.44	F7	30	SuperDead	Gravity	0.696
N+7.44	F17	32	SuperDead	Gravity	0.696
N+7.44	F19	36	SuperDead	Gravity	0.696
N+7.44	F4	33	SuperDead	Gravity	0.696
N+7.44	F8	44	SuperDead	Gravity	0.696
N+7.44	F15	48	SuperDead	Gravity	0.696
N+7.44	F13	47	SuperDead	Gravity	0.696
N+7.44	F20	59	SuperDead	Gravity	0.864
N+7.44	F21	60	SuperDead	Gravity	0.864
N+7.44	F18	61	SuperDead	Gravity	0.864
N+7.44	F22	62	SuperDead	Gravity	0.864
N+7.44	F23	63	SuperDead	Gravity	0.864
N +4.07	F2	1	SuperDead	Gravity	0.696
N +4.07	F9	22	SuperDead	Gravity	0.696

Story	Label	UniqueName	Load Pattern	Direction	Load tonf/m2
N +4.07	F1	20	SuperDead	Gravity	0.696
N +4.07	F6	24	SuperDead	Gravity	0.696
N +4.07	F14	27	SuperDead	Gravity	0.696
N +4.07	F16	21	SuperDead	Gravity	0.696
N +4.07	F3	40	SuperDead	Gravity	0.696
N +4.07	F5	46	SuperDead	Gravity	0.696
N +4.07	F7	25	SuperDead	Gravity	0.696
N +4.07	F20	54	SuperDead	Gravity	0.864
N +4.07	F21	55	SuperDead	Gravity	0.864
N +4.07	F18	56	SuperDead	Gravity	0.864
N +4.07	F22	57	SuperDead	Gravity	0.864
N +4.07	F23	58	SuperDead	Gravity	0.864
N+12.10	F11	51	Wind	Gravity	0.04
N+10.43	F7	53	Wind	Gravity	0.04
N+10.43	F12	52	Wind	Gravity	0.04
N+7.44	F4	33	Wind	Gravity	0.04
N+7.44	F8	44	Wind	Gravity	0.04
N+7.44	F15	48	Wind	Gravity	0.04
N+7.44	F13	47	Wind	Gravity	0.04
N+12.10	F11	51	Granizo y Empozamiento	Gravity	0.1
N+10.43	F7	53	Granizo y Empozamiento	Gravity	0.1
N+10.43	F12	52	Granizo y Empozamiento	Gravity	0.1
N+7.44	F4	33	Granizo y Empozamiento	Gravity	0.1
N+7.44	F8	44	Granizo y Empozamiento	Gravity	0.1
N+7.44	F15	48	Granizo y Empozamiento	Gravity	0.1
N+7.44	F13	47	Granizo y Empozamiento	Gravity	0.1

Table 4.7 - Functions - Response Spectrum - Columbia NSR-10

Name	Period sec	Value	Aa	Av	Ae	Ad	Group of Use	Fa	Fv	Damping Ratio
Facatativa Derivas E	0	0.7875	0.15	0.2	0.13	0.07	1	2.1	3.2	0.05
Facatativa Derivas E	0.1	0.7875								
Facatativa Derivas E	0.2	0.7875								
Facatativa Derivas E	0.3	0.7875								
Facatativa Derivas E	0.4	0.7875								
Facatativa Derivas E	0.5	0.7875								
Facatativa Derivas E	0.6	0.7875								
Facatativa Derivas E	0.7	0.7875								
Facatativa Derivas E	0.8	0.7875								
Facatativa Derivas E	0.9	0.7875								
Facatativa Derivas E	1	0.768								
Facatativa Derivas E	1.2	0.64								
Facatativa Derivas E	1.5	0.512								
Facatativa Derivas E	1.7	0.451765								
Facatativa Derivas E	2	0.384								

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Name	Period sec	Value	Aa	Av	Ae	Ad	Group of Use	Fa	Fv	Damping Ratio
Facatativa Derivas E	2.5	0.3072								
Facatativa Derivas E	3	0.256								
Facatativa Derivas E	3.5	0.219429								
Facatativa Derivas E	4	0.192								
Facatativa Derivas E	5	0.1536								
Facatativa Derivas E	8	0.09216								
Facatativa Derivas E	11	0.048746								
Facatativa Derivas E	15	0.026214								
Facatativa Diseño E	0	0.86625	0.15	0.2	0.13	0.07	2	2.1	3.2	0.05
Facatativa Diseño E	0.1	0.86625								
Facatativa Diseño E	0.2	0.86625								
Facatativa Diseño E	0.3	0.86625								
Facatativa Diseño E	0.4	0.86625								
Facatativa Diseño E	0.5	0.86625								
Facatativa Diseño E	0.6	0.86625								
Facatativa Diseño E	0.7	0.86625								
Facatativa Diseño E	0.8	0.86625								
Facatativa Diseño E	0.9	0.86625								
Facatativa Diseño E	1	0.8448								
Facatativa Diseño E	1.2	0.704								
Facatativa Diseño E	1.5	0.5632								
Facatativa Diseño E	1.7	0.496941								
Facatativa Diseño E	2	0.4224								
Facatativa Diseño E	2.5	0.33792								
Facatativa Diseño E	3	0.2816								
Facatativa Diseño E	3.5	0.241371								
Facatativa Diseño E	4	0.2112								
Facatativa Diseño E	5	0.16896								
Facatativa Diseño E	8	0.101376								
Facatativa Diseño E	11	0.05362								
Facatativa Diseño E	15	0.028836								

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Table 4.9 - Load Case Definitions - Summary

Name	Type
Dead	Linear Static
Live	Linear Static
Modal	Modal - Eigen
SuperDead	Linear Static
Wind	Linear Static
Granizo y Empozamiento	Linear Static
FHEX	Linear Static
FHEY	Linear Static
Sx	Response Spectrum
Sy	Response Spectrum

Name	Type
Sx Ajustado	Response Spectrum
Sy Ajustado	Response Spectrum
Ex	Linear Static
Ey	Linear Static

Table 4.10 - Load Combination Definitions

Name	Type	Is Auto	Load Name	SF	Notes
C1	Linear Add	No	CM	1.4	
C2	Linear Add	No	CM	1.2	
C2			Live	1.6	
C2			Granizo y Empozamiento	0.5	
C3	Linear Add	No	CM	1.2	
C3			Live	1	
C3			Granizo y Empozamiento	1.6	
C4	Linear Add	No	CM	1.2	
C4			Wind	0.5	
C4			Granizo y Empozamiento	1.6	
C5	Linear Add	No	CM	1.2	
C5			Wind	-0.5	
C5			Granizo y Empozamiento	1.6	
C6	Linear Add	No	CM	1.2	
C6			Wind	1	
C6			Granizo y Empozamiento	0.5	
C6			Live	1	
C7	Linear Add	No	CM	1.2	
C7			Wind	-1	
C7			Granizo y Empozamiento	0.5	
C7			Live	1	
C8	Linear Add	No	CM	1.2	
C8			Ex	1	
C8			Ey	0.3	
C8			Live	1	
C8-1	Linear Add	No	CM	1.2	
C8-1			Ex	-1	
C8-1			Ey	0.3	
C8-1			Live	1	
C8-2	Linear Add	No	CM	1.2	
C8-2			Ex	1	
C8-2			Ey	-0.3	
C8-2			Live	1	
C8-3	Linear Add	No	CM	1.2	
C8-3			Ex	-1	
C8-3			Ey	-0.3	
C8-3			Live	1	
C9	Linear Add	No	CM	1.2	
C9			Ey	1	
C9			Ex	0.3	

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Name	Type	Is Auto	Load Name	SF	Notes
C9			Live	1	
C9-1	Linear Add	No	CM	1.2	
C9-1			Ey	-1	
C9-1			Ex	0.3	
C9-1			Live	1	
C9-2	Linear Add	No	CM	1.2	
C9-2			Ey	1	
C9-2			Ex	-0.3	
C9-2			Live	1	
C9-3	Linear Add	No	CM	1.2	
C9-3			Ey	-1	
C9-3			Ex	-0.3	
C9-3			Live	1	
C10	Linear Add	No	CM	0.9	
C10			Wind	1	
C11	Linear Add	No	CM	0.9	
C11			Wind	-1	
CC12	Linear Add	No	CM	1.2	
CC12			$Ex_{Sobreresistencia}$	1	
CC12			$Ey_{Sobreresistencia}$	0.3	
CC12			Live	1	
CC12-1	Linear Add	No	CM	1.2	
CC12-1			$Ex_{Sobreresistencia}$	-1	
CC12-1			$Ey_{Sobreresistencia}$	0.3	
CC12-1			Live	1	
CC12-2	Linear Add	No	CM	1.2	
CC12-2			$Ex_{Sobreresistencia}$	1	
CC12-2			$Ey_{Sobreresistencia}$	-0.3	
CC12-2			Live	1	
CC12-3	Linear Add	No	CM	1.2	
CC12-3			$Ex_{Sobreresistencia}$	-1	
CC12-3			$Ey_{Sobreresistencia}$	-0.3	
CC12-3			Live	1	
CC13	Linear Add	No	CM	1.2	
CC13			$Ey_{Sobreresistencia}$	1	
CC13			$Ex_{Sobreresistencia}$	0.3	
CC13			Live	1	
CC13-1	Linear Add	No	CM	1.2	
CC13-1			$Ey_{Sobreresistencia}$	-1	
CC13-1			$Ex_{Sobreresistencia}$	0.3	
CC13-1			Live	1	
CC13-2	Linear Add	No	CM	1.2	
CC13-2			$Ey_{Sobreresistencia}$	1	
CC13-2			$Ex_{Sobreresistencia}$	-0.3	
CC13-2			Live	1	
CC13-3	Linear Add	No	CM	1.2	
CC13-3			$Ey_{Sobreresistencia}$	-1	

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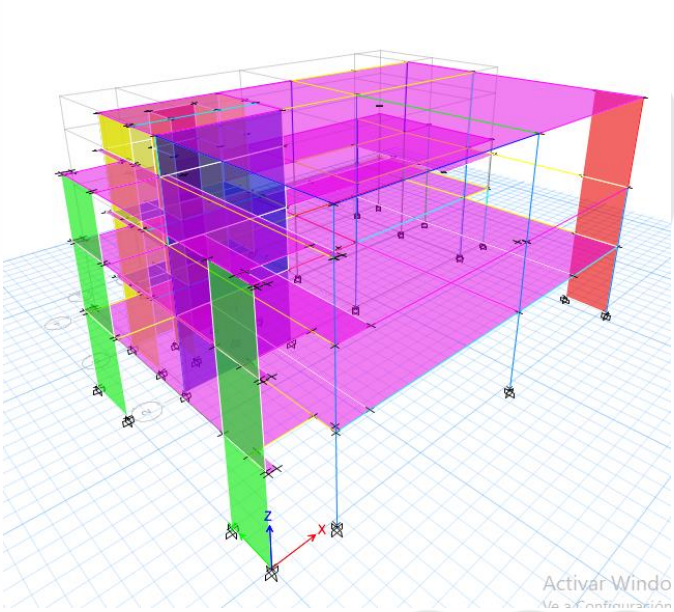
Name	Type	Is Auto	Load Name	SF	Notes
CC13-3			$Ex_{Sobreresistencia}$	-0.3	
CC13-3			Live	1	
CM	Linear Add	No	Dead	1	
CM			SuperDead	1	
DCmpC1	Linear Add	Yes	Dead	1.4	Dead [Construction]
DCmpC2	Linear Add	Yes	Dead	1.2	Dead + Construction Live [Construction]
DCmpD1	Linear Add	Yes	Dead	1	Dead [Deflections]
DCmpD1			SuperDead	1	
DCmpD2	Linear Add	Yes	Dead	1	Dead + Live [Deflections]
DCmpD2			Live	1	
DCmpD2			SuperDead	1	
DCmpS1	Linear Add	Yes	Dead	1.4	Dead [Strength]
DCmpS1			SuperDead	1.4	
DCmpS2	Linear Add	Yes	Dead	1.2	Dead + Live [Strength]
DCmpS2			Live	1.6	
DCmpS2			SuperDead	1.2	
DCmpS2			Granizo y Empozamiento	0.5	
DCmpS3	Linear Add	Yes	Dead	1.2	Dead + Live + Snow [Strength]
DCmpS3			Live	1	
DCmpS3			SuperDead	1.2	
DCmpS3			Granizo y Empozamiento	1.6	
DER1	Linear Add	No	CM	1	
DER1			Sx Ajustado	1	
DER1			Sy Ajustado	0.3	
DER2	Linear Add	No	CM	1	
DER2			Sx Ajustado	-1	
DER2			Sy Ajustado	0.3	
DER3	Linear Add	No	CM	1	
DER3			Sx Ajustado	1	
DER3			Sy Ajustado	-0.3	
DER4	Linear Add	No	CM	1	
DER4			Sx Ajustado	-1	
DER4			Sy Ajustado	-0.3	
DER5	Linear Add	No	CM	1	
DER5			Sy Ajustado	1	
DER5			Sx Ajustado	0.3	
DER6	Linear Add	No	CM	1	
DER6			Sy Ajustado	-1	
DER6			Sx Ajustado	0.3	
DER7	Linear Add	No	CM	1	
DER7			Sy Ajustado	1	
DER7			Sx Ajustado	-0.3	
DER8	Linear Add	No	CM	1	
DER8			Sy Ajustado	-1	
DER8			Sx Ajustado	-0.3	
Diseño Ex	Linear Add	No	Ex	1	

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Name	Type	Is Auto	Load Name	SF	Notes
Diseño Ey	Linear Add	No	Ey	1	
Envolvente FC	Envelope	No	C1	1	
Envolvente FC			C2	1	
Envolvente FC			C3	1	
Envolvente FC			C4	1	
Envolvente FC			C5	1	
Envolvente FC			C6	1	
Envolvente FC			C7	1	
Envolvente FC			C8	1	
Envolvente FC			C8-1	1	
Envolvente FC			C8-2	1	
Envolvente FC			C8-3	1	
Envolvente FC			C9	1	
Envolvente FC			C9-1	1	
Envolvente FC			C9-2	1	
Envolvente FC			C9-3	1	
Envolvente FC			C10	1	
Envolvente FC			C11	1	
$Ex_{Sobreresistencia}$	Linear Add	No	Diseño Ex	2.5	
$Ey_{Sobreresistencia}$	Linear Add	No	Diseño Ey	2.5	
Servicio	Linear Add	No	CM	1	
Servicio			Live	1	
VC14	Linear Add	No	CM	1.2	
VC14			Ex	2	
VC14			Ey	0.6	
VC14			Live	1	
VC14-1	Linear Add	No	CM	1.2	
VC14-1			Ex	-2	
VC14-1			Ey	0.6	
VC14-1			Live	1	
VC14-2	Linear Add	No	CM	1.2	
VC14-2			Ex	2	
VC14-2			Ey	-0.6	
VC14-2			Live	1	
VC14-3	Linear Add	No	CM	1.2	
VC14-3			Ex	-2	
VC14-3			Ey	-0.6	
VC14-3			Live	1	
VC15	Linear Add	No	CM	1.2	
VC15			Ey	2	
VC15			Ex	0.6	
VC15			Live	1	
VC15-1	Linear Add	No	CM	1.2	
VC15-1			Ey	-2	
VC15-1			Ex	0.6	
VC15-1			Live	1	
VC15-2	Linear Add	No	CM	1.2	

Name	Type	Is Auto	Load Name	SF	Notes
VC15-2			Ey	2	
VC15-2			Ex	-0.6	
VC15-2			Live	1	
VC15-3	Linear Add	No	CM	1.2	
VC15-3			Ey	-2	
VC15-3			Ex	-0.6	
VC15-3			Live	1	

Ilustración 9 Modelo 3D



Fuente. Elaboración INDESCO SAS BIC, julio 202

TABLE: Joint Drifts

Story	Label	Unique Name	Load Case/Combo	Displacement X	Displacement Y	Drift X	Drift Y	Chequeo de Derivas	
				m	m			X	Y
N+12.10	23	65	DER1	0.008738	0.022145	0.000845	0.00244	OK	OK
N+12.10	23	65	DER1	-0.008545	-0.022309	0.000825	0.002475	OK	OK
N+12.10	23	65	DER2	0.008738	0.022145	0.000845	0.00244	OK	OK
N+12.10	23	65	DER2	-0.008545	-0.022309	0.000825	0.002475	OK	OK
N+12.10	23	65	DER3	0.008738	0.022145	0.000845	0.00244	OK	OK
N+12.10	23	65	DER3	-0.008545	-0.022309	0.000825	0.002475	OK	OK
N+12.10	23	65	DER4	0.008738	0.022145	0.000845	0.00244	OK	OK

N+12.10	23	65	DER4	-0.008545	-0.022309	0.000825	0.002475	OK	OK
N+12.10	23	65	DER5	0.005378	0.034935	0.000566	0.003866	OK	OK
N+12.10	23	65	DER5	-0.005185	-0.035099	0.000547	0.003901	OK	OK
N+12.10	23	65	DER6	0.005378	0.034935	0.000566	0.003866	OK	OK
N+12.10	23	65	DER6	-0.005185	-0.035099	0.000547	0.003901	OK	OK
N+12.10	23	65	DER7	0.005378	0.034935	0.000566	0.003866	OK	OK
N+12.10	23	65	DER7	-0.005185	-0.035099	0.000547	0.003901	OK	OK
N+12.10	23	65	DER8	0.005378	0.034935	0.000566	0.003866	OK	OK
N+12.10	23	65	DER8	-0.005185	-0.035099	0.000547	0.003901	OK	OK
N+12.10	26	55	DER1	0.010492	0.022145	0.001096	0.00244	OK	OK
N+12.10	26	55	DER1	-0.01018	-0.022309	0.001042	0.002475	OK	OK
N+12.10	26	55	DER2	0.010492	0.022145	0.001096	0.00244	OK	OK
N+12.10	26	55	DER2	-0.01018	-0.022309	0.001042	0.002475	OK	OK
N+12.10	26	55	DER3	0.010492	0.022145	0.001096	0.00244	OK	OK
N+12.10	26	55	DER3	-0.01018	-0.022309	0.001042	0.002475	OK	OK
N+12.10	26	55	DER4	0.010492	0.022145	0.001096	0.00244	OK	OK
N+12.10	26	55	DER4	-0.01018	-0.022309	0.001042	0.002475	OK	OK
N+12.10	26	55	DER5	0.010115	0.034935	0.001123	0.003866	OK	OK
N+12.10	26	55	DER5	-0.009803	-0.035099	0.001069	0.003901	OK	OK
N+12.10	26	55	DER6	0.010115	0.034935	0.001123	0.003866	OK	OK
N+12.10	26	55	DER6	-0.009803	-0.035099	0.001069	0.003901	OK	OK
N+12.10	26	55	DER7	0.010115	0.034935	0.001123	0.003866	OK	OK
N+12.10	26	55	DER7	-0.009803	-0.035099	0.001069	0.003901	OK	OK
N+12.10	26	55	DER8	0.010115	0.034935	0.001123	0.003866	OK	OK
N+12.10	26	55	DER8	-0.009803	-0.035099	0.001069	0.003901	OK	OK
N+12.10	38	2	DER1	0.008733	0.023576	0.000814	0.00259	OK	OK
N+12.10	38	2	DER1	-0.008616	-0.023846	0.000816	0.002655	OK	OK
N+12.10	38	2	DER2	0.008733	0.023576	0.000814	0.00259	OK	OK

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N+12.10	38	2	DER2	-0.008616	-0.023846	0.000816	0.002655	OK	OK
N+12.10	38	2	DER3	0.008733	0.023576	0.000814	0.00259	OK	OK
N+12.10	38	2	DER3	-0.008616	-0.023846	0.000816	0.002655	OK	OK
N+12.10	38	2	DER4	0.008733	0.023576	0.000814	0.00259	OK	OK
N+12.10	38	2	DER4	-0.008616	-0.023846	0.000816	0.002655	OK	OK
N+12.10	38	2	DER5	0.004503	0.036387	0.000446	0.004026	OK	OK
N+12.10	38	2	DER5	-0.004386	-0.036658	0.000448	0.004092	OK	OK
N+12.10	38	2	DER6	0.004503	0.036387	0.000446	0.004026	OK	OK
N+12.10	38	2	DER6	-0.004386	-0.036658	0.000448	0.004092	OK	OK
N+12.10	38	2	DER7	0.004503	0.036387	0.000446	0.004026	OK	OK
N+12.10	38	2	DER7	-0.004386	-0.036658	0.000448	0.004092	OK	OK
N+12.10	38	2	DER8	0.004503	0.036387	0.000446	0.004026	OK	OK
N+12.10	38	2	DER8	-0.004386	-0.036658	0.000448	0.004092	OK	OK
N+12.10	39	5	DER1	0.008712	0.025182	0.000825	0.002783	OK	OK
N+12.10	39	5	DER1	-0.008594	-0.02479	0.000814	0.00273	OK	OK
N+12.10	39	5	DER2	0.008712	0.025182	0.000825	0.002783	OK	OK
N+12.10	39	5	DER2	-0.008594	-0.02479	0.000814	0.00273	OK	OK
N+12.10	39	5	DER3	0.008712	0.025182	0.000825	0.002783	OK	OK
N+12.10	39	5	DER3	-0.008594	-0.02479	0.000814	0.00273	OK	OK
N+12.10	39	5	DER4	0.008712	0.025182	0.000825	0.002783	OK	OK
N+12.10	39	5	DER4	-0.008594	-0.02479	0.000814	0.00273	OK	OK
N+12.10	39	5	DER5	0.004467	0.039679	0.000455	0.004376	OK	OK
N+12.10	39	5	DER5	-0.004349	-0.039287	0.000444	0.004324	OK	OK
N+12.10	39	5	DER6	0.004467	0.039679	0.000455	0.004376	OK	OK
N+12.10	39	5	DER6	-0.004349	-0.039287	0.000444	0.004324	OK	OK
N+12.10	39	5	DER7	0.004467	0.039679	0.000455	0.004376	OK	OK
N+12.10	39	5	DER7	-0.004349	-0.039287	0.000444	0.004324	OK	OK
N+12.10	39	5	DER8	0.004467	0.039679	0.000455	0.004376	OK	OK

N+12.10	39	5	DER8	-0.004349	-0.039287	0.000444	0.004324	OK	OK
N+12.10	40	7	DER1	0.008706	0.040929	0.000824	0.004515	OK	OK
N+12.10	40	7	DER1	-0.008587	-0.039953	0.000813	0.004385	OK	OK
N+12.10	40	7	DER2	0.008706	0.040929	0.000824	0.004515	OK	OK
N+12.10	40	7	DER2	-0.008587	-0.039953	0.000813	0.004385	OK	OK
N+12.10	40	7	DER3	0.008706	0.040929	0.000824	0.004515	OK	OK
N+12.10	40	7	DER3	-0.008587	-0.039953	0.000813	0.004385	OK	OK
N+12.10	40	7	DER4	0.008706	0.040929	0.000824	0.004515	OK	OK
N+12.10	40	7	DER4	-0.008587	-0.039953	0.000813	0.004385	OK	OK
N+12.10	40	7	DER5	0.004456	0.05984	0.000454	0.006616	OK	OK
N+12.10	40	7	DER5	-0.004337	-0.058864	0.000443	0.006486	OK	OK
N+12.10	40	7	DER6	0.004456	0.05984	0.000454	0.006616	OK	OK
N+12.10	40	7	DER6	-0.004337	-0.058864	0.000443	0.006486	OK	OK
N+12.10	40	7	DER7	0.004456	0.05984	0.000454	0.006616	OK	OK
N+12.10	40	7	DER7	-0.004337	-0.058864	0.000443	0.006486	OK	OK
N+12.10	40	7	DER8	0.004456	0.05984	0.000454	0.006616	OK	OK
N+12.10	40	7	DER8	-0.004337	-0.058864	0.000443	0.006486	OK	OK
N+12.10	42	9	DER1	0.013247	0.023605	0.001456	0.002593	OK	OK
N+12.10	42	9	DER1	-0.012815	-0.023877	0.001368	0.002659	OK	OK
N+12.10	42	9	DER2	0.013247	0.023605	0.001456	0.002593	OK	OK
N+12.10	42	9	DER2	-0.012815	-0.023877	0.001368	0.002659	OK	OK
N+12.10	42	9	DER3	0.013247	0.023605	0.001456	0.002593	OK	OK
N+12.10	42	9	DER3	-0.012815	-0.023877	0.001368	0.002659	OK	OK
N+12.10	42	9	DER4	0.013247	0.023605	0.001456	0.002593	OK	OK
N+12.10	42	9	DER4	-0.012815	-0.023877	0.001368	0.002659	OK	OK
N+12.10	42	9	DER5	0.015506	0.036418	0.001705	0.004003	OK	OK
N+12.10	42	9	DER5	-0.015074	-0.03669	0.001663	0.004096	OK	OK
N+12.10	42	9	DER6	0.015506	0.036418	0.001705	0.004003	OK	OK

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N+12.10	42	9	DER6	-0.015074	-0.03669	0.001663	0.004096	OK	OK
N+12.10	42	9	DER7	0.015506	0.036418	0.00175	0.00403	OK	OK
N+12.10	42	9	DER7	-0.015074	-0.03669	0.001663	0.004096	OK	OK
N+12.10	42	9	DER8	0.015506	0.036418	0.00175	0.00403	OK	OK
N+12.10	42	9	DER8	-0.015074	-0.03669	0.001663	0.004096	OK	OK
N+12.10	43	11	DER1	0.013247	0.02517	0.001413	0.002781	OK	OK
N+12.10	43	11	DER1	-0.012815	-0.024779	0.001361	0.002729	OK	OK
N+12.10	43	11	DER2	0.013247	0.02517	0.001413	0.002781	OK	OK
N+12.10	43	11	DER2	-0.012815	-0.024779	0.001361	0.002729	OK	OK
N+12.10	43	11	DER3	0.013247	0.02517	0.001413	0.002781	OK	OK
N+12.10	43	11	DER3	-0.012815	-0.024779	0.001361	0.002729	OK	OK
N+12.10	43	11	DER4	0.013247	0.02517	0.001413	0.002781	OK	OK
N+12.10	43	11	DER4	-0.012815	-0.024779	0.001361	0.002729	OK	OK
N+12.10	43	11	DER5	0.015506	0.039664	0.001695	0.004374	OK	OK
N+12.10	43	11	DER5	-0.015074	-0.039273	0.001643	0.004322	OK	OK
N+12.10	43	11	DER6	0.015506	0.039664	0.001695	0.004374	OK	OK
N+12.10	43	11	DER6	-0.015074	-0.039273	0.001643	0.004322	OK	OK
N+12.10	43	11	DER7	0.015506	0.039664	0.001695	0.004374	OK	OK
N+12.10	43	11	DER7	-0.015074	-0.039273	0.001643	0.004322	OK	OK
N+12.10	43	11	DER8	0.015506	0.039664	0.001695	0.004374	OK	OK
N+12.10	43	11	DER8	-0.015074	-0.039273	0.001643	0.004322	OK	OK
N+12.10	44	13	DER1	0.013302	0.040938	0.00142	0.004516	OK	OK
N+12.10	44	13	DER1	-0.012867	-0.039962	0.001368	0.004386	OK	OK
N+12.10	44	13	DER2	0.013302	0.040938	0.00142	0.004516	OK	OK
N+12.10	44	13	DER2	-0.012867	-0.039962	0.001368	0.004386	OK	OK
N+12.10	44	13	DER3	0.013302	0.040938	0.00142	0.004516	OK	OK
N+12.10	44	13	DER3	-0.012867	-0.039962	0.001368	0.004386	OK	OK
N+12.10	44	13	DER4	0.013302	0.040938	0.00142	0.004516	OK	OK

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N+12.10	44	13	DER4	-0.012867	-0.039962	0.001368	0.004386	OK	OK
N+12.10	44	13	DER5	0.015604	0.059852	0.001706	0.006617	OK	OK
N+12.10	44	13	DER5	-0.015169	-0.058876	0.001654	0.006487	OK	OK
N+12.10	44	13	DER6	0.015604	0.059852	0.001706	0.006617	OK	OK
N+12.10	44	13	DER6	-0.015169	-0.058876	0.001654	0.006487	OK	OK
N+12.10	44	13	DER7	0.015604	0.059852	0.001706	0.006617	OK	OK
N+12.10	44	13	DER7	-0.015169	-0.058876	0.001654	0.006487	OK	OK
N+12.10	44	13	DER8	0.015604	0.059852	0.001706	0.006617	OK	OK
N+12.10	44	13	DER8	-0.015169	-0.058876	0.001654	0.006487	OK	OK
N+12.10	46	15	DER1	0.032934	0.023585	0.003783	0.002591	OK	OK
N+12.10	46	15	DER1	-0.031889	-0.023856	0.003522	0.002657	OK	OK
N+12.10	46	15	DER2	0.032934	0.023585	0.003783	0.002591	OK	OK
N+12.10	46	15	DER2	-0.031889	-0.023856	0.003522	0.002657	OK	OK
N+12.10	46	15	DER3	0.032934	0.023585	0.003783	0.002591	OK	OK
N+12.10	46	15	DER3	-0.031889	-0.023856	0.003522	0.002657	OK	OK
N+12.10	46	15	DER4	0.032934	0.023585	0.003783	0.002591	OK	OK
N+12.10	46	15	DER4	-0.031889	-0.023856	0.003522	0.002657	OK	OK
N+12.10	46	15	DER5	0.045005	0.036397	0.005132	0.004027	OK	OK
N+12.10	46	15	DER5	-0.04396	-0.036668	0.004847	0.004093	OK	OK
N+12.10	46	15	DER6	0.045005	0.036397	0.005132	0.004027	OK	OK
N+12.10	46	15	DER6	-0.04396	-0.036668	0.004847	0.004093	OK	OK
N+12.10	46	15	DER7	0.045005	0.036397	0.005132	0.004027	OK	OK
N+12.10	46	15	DER7	-0.04396	-0.036668	0.004847	0.004093	OK	OK
N+12.10	46	15	DER8	0.045005	0.036397	0.005132	0.004027	OK	OK
N+12.10	46	15	DER8	-0.04396	-0.036668	0.004847	0.004093	OK	OK
N+12.10	47	18	DER1	0.032955	0.025146	0.003648	0.002779	OK	OK
N+12.10	47	18	DER1	-0.03191	-0.024756	0.003514	0.002727	OK	OK
N+12.10	47	18	DER2	0.032955	0.025146	0.003648	0.002779	OK	OK

N+12.10	47	18	DER2	-0.03191	-0.024756	0.003514	0.002727	OK	OK
N+12.10	47	18	DER3	0.032955	0.025146	0.003648	0.002779	OK	OK
N+12.10	47	18	DER3	-0.03191	-0.024756	0.003514	0.002727	OK	OK
N+12.10	47	18	DER4	0.032955	0.025146	0.003648	0.002779	OK	OK
N+12.10	47	18	DER4	-0.03191	-0.024756	0.003514	0.002727	OK	OK
N+12.10	47	18	DER5	0.045034	0.039633	0.004973	0.004371	OK	OK
N+12.10	47	18	DER5	-0.043989	-0.039243	0.004839	0.004319	OK	OK
N+12.10	47	18	DER6	0.045034	0.039633	0.004973	0.004371	OK	OK
N+12.10	47	18	DER6	-0.043989	-0.039243	0.004839	0.004319	OK	OK
N+12.10	47	18	DER7	0.045034	0.039633	0.004973	0.004371	OK	OK
N+12.10	47	18	DER7	-0.043989	-0.039243	0.004839	0.004319	OK	OK
N+12.10	47	18	DER8	0.045034	0.039633	0.004973	0.004371	OK	OK
N+12.10	47	18	DER8	-0.043989	-0.039243	0.004839	0.004319	OK	OK
N+12.10	48	19	DER1	0.032976	0.040938	0.00365	0.004516	OK	OK
N+12.10	48	19	DER1	-0.03193	-0.039962	0.003516	0.004386	OK	OK
N+12.10	48	19	DER2	0.032976	0.040938	0.00365	0.004516	OK	OK
N+12.10	48	19	DER2	-0.03193	-0.039962	0.003516	0.004386	OK	OK
N+12.10	48	19	DER3	0.032976	0.040938	0.00365	0.004516	OK	OK
N+12.10	48	19	DER3	-0.03193	-0.039962	0.003516	0.004386	OK	OK
N+12.10	48	19	DER4	0.032976	0.040938	0.00365	0.004516	OK	OK
N+12.10	48	19	DER4	-0.03193	-0.039962	0.003516	0.004386	OK	OK
N+12.10	48	19	DER5	0.045064	0.059852	0.004976	0.006617	OK	OK
N+12.10	48	19	DER5	-0.044018	-0.058876	0.004843	0.006487	OK	OK
N+12.10	48	19	DER6	0.045064	0.059852	0.004976	0.006617	OK	OK
N+12.10	48	19	DER6	-0.044018	-0.058876	0.004843	0.006487	OK	OK
N+12.10	48	19	DER7	0.045064	0.059852	0.004976	0.006617	OK	OK
N+12.10	48	19	DER7	-0.044018	-0.058876	0.004843	0.006487	OK	OK
N+12.10	48	19	DER8	0.045064	0.059852	0.004976	0.006617	OK	OK

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N+12.10	48	19	DER8	-0.044018	-0.058876	0.004843	0.006487	OK	OK
N+12.10	51	44	DER1	0.008721	0.021365	0.000813	0.002376	OK	OK
N+12.10	51	44	DER1	-0.008604	-0.02126	0.000815	0.002336	OK	OK
N+12.10	51	44	DER2	0.008721	0.021365	0.000813	0.002376	OK	OK
N+12.10	51	44	DER2	-0.008604	-0.02126	0.000815	0.002336	OK	OK
N+12.10	51	44	DER3	0.008721	0.021365	0.000813	0.002376	OK	OK
N+12.10	51	44	DER3	-0.008604	-0.02126	0.000815	0.002336	OK	OK
N+12.10	51	44	DER4	0.008721	0.021365	0.000813	0.002376	OK	OK
N+12.10	51	44	DER4	-0.008604	-0.02126	0.000815	0.002336	OK	OK
N+12.10	51	44	DER5	0.004482	0.034672	0.000444	0.003844	OK	OK
N+12.10	51	44	DER5	-0.004365	-0.034567	0.000446	0.003803	OK	OK
N+12.10	51	44	DER6	0.004482	0.034672	0.000444	0.003844	OK	OK
N+12.10	51	44	DER6	-0.004365	-0.034567	0.000446	0.003803	OK	OK
N+12.10	51	44	DER7	0.004482	0.034672	0.000444	0.003844	OK	OK
N+12.10	51	44	DER7	-0.004365	-0.034567	0.000446	0.003803	OK	OK
N+12.10	51	44	DER8	0.004482	0.034672	0.000444	0.003844	OK	OK
N+12.10	51	44	DER8	-0.004365	-0.034567	0.000446	0.003803	OK	OK
N+12.10	60	75	DER1	0.013247	0.021365	0.001456	0.002376	OK	OK
N+12.10	60	75	DER1	-0.012815	-0.02126	0.001368	0.002336	OK	OK
N+12.10	60	75	DER2	0.013247	0.021365	0.001456	0.002376	OK	OK
N+12.10	60	75	DER2	-0.012815	-0.02126	0.001368	0.002336	OK	OK
N+12.10	60	75	DER3	0.013247	0.021365	0.001456	0.002376	OK	OK
N+12.10	60	75	DER3	-0.012815	-0.02126	0.001368	0.002336	OK	OK
N+12.10	60	75	DER4	0.013247	0.021365	0.001456	0.002376	OK	OK
N+12.10	60	75	DER4	-0.012815	-0.02126	0.001368	0.002336	OK	OK
N+12.10	60	75	DER5	0.015506	0.034672	0.001705	0.003844	OK	OK
N+12.10	60	75	DER5	-0.015074	-0.034567	0.001663	0.003803	OK	OK
N+12.10	60	75	DER6	0.015506	0.034672	0.001705	0.003844	OK	OK

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N+12.10	60	75	DER6	-0.015074	-0.034567	0.001663	0.003803	OK	OK
N+12.10	60	75	DER7	0.015506	0.034672	0.00175	0.003844	OK	OK
N+12.10	60	75	DER7	-0.015074	-0.034567	0.001663	0.003803	OK	OK
N+12.10	60	75	DER8	0.015506	0.034672	0.00175	0.003844	OK	OK
N+12.10	60	75	DER8	-0.015074	-0.034567	0.001663	0.003803	OK	OK
N+12.10	95	154	DER1	0.008738	0.021184	0.000845	0.002345	OK	OK
N+12.10	95	154	DER1	-0.008545	-0.021208	0.000825	0.00234	OK	OK
N+12.10	95	154	DER2	0.008738	0.021184	0.000845	0.002345	OK	OK
N+12.10	95	154	DER2	-0.008545	-0.021208	0.000825	0.00234	OK	OK
N+12.10	95	154	DER3	0.008738	0.021184	0.000845	0.002345	OK	OK
N+12.10	95	154	DER3	-0.008545	-0.021208	0.000825	0.00234	OK	OK
N+12.10	95	154	DER4	0.008738	0.021184	0.000845	0.002345	OK	OK
N+12.10	95	154	DER4	-0.008545	-0.021208	0.000825	0.00234	OK	OK
N+12.10	95	154	DER5	0.005378	0.03416	0.000566	0.003782	OK	OK
N+12.10	95	154	DER5	-0.005185	-0.034184	0.000547	0.003778	OK	OK
N+12.10	95	154	DER6	0.005378	0.03416	0.000566	0.003782	OK	OK
N+12.10	95	154	DER6	-0.005185	-0.034184	0.000547	0.003778	OK	OK
N+12.10	95	154	DER7	0.005378	0.03416	0.000566	0.003782	OK	OK
N+12.10	95	154	DER7	-0.005185	-0.034184	0.000547	0.003778	OK	OK
N+12.10	95	154	DER8	0.005378	0.03416	0.000566	0.003782	OK	OK
N+12.10	95	154	DER8	-0.005185	-0.034184	0.000547	0.003778	OK	OK
N+12.10	96	160	DER1	0.010492	0.021184	0.001096	0.002345	OK	OK
N+12.10	96	160	DER1	-0.01018	-0.021208	0.001042	0.00234	OK	OK
N+12.10	96	160	DER2	0.010492	0.021184	0.001096	0.002345	OK	OK
N+12.10	96	160	DER2	-0.01018	-0.021208	0.001042	0.00234	OK	OK
N+12.10	96	160	DER3	0.010492	0.021184	0.001096	0.002345	OK	OK
N+12.10	96	160	DER3	-0.01018	-0.021208	0.001042	0.00234	OK	OK
N+12.10	96	160	DER4	0.010492	0.021184	0.001096	0.002345	OK	OK

N+12.10	96	160	DER4	-0.01018	-0.021208	0.001042	0.00234	OK	OK
N+12.10	96	160	DER5	0.010115	0.03416	0.001123	0.003782	OK	OK
N+12.10	96	160	DER5	-0.009803	-0.034184	0.001069	0.003778	OK	OK
N+12.10	96	160	DER6	0.010115	0.03416	0.001123	0.003782	OK	OK
N+12.10	96	160	DER6	-0.009803	-0.034184	0.001069	0.003778	OK	OK
N+12.10	96	160	DER7	0.010115	0.03416	0.001123	0.003782	OK	OK
N+12.10	96	160	DER7	-0.009803	-0.034184	0.001069	0.003778	OK	OK
N+12.10	96	160	DER8	0.010115	0.03416	0.001123	0.003782	OK	OK
N+12.10	96	160	DER8	-0.009803	-0.034184	0.001069	0.003778	OK	OK
N+12.10	3	68	DER1	0.009575	0.021365	0.000968	0.002376	OK	OK
N+12.10	3	68	DER1	-0.009315	-0.02126	0.00093	0.002336	OK	OK
N+12.10	3	68	DER2	0.009575	0.021365	0.000968	0.002376	OK	OK
N+12.10	3	68	DER2	-0.009315	-0.02126	0.00093	0.002336	OK	OK
N+12.10	3	68	DER3	0.009575	0.021365	0.000968	0.002376	OK	OK
N+12.10	3	68	DER3	-0.009315	-0.02126	0.00093	0.002336	OK	OK
N+12.10	3	68	DER4	0.009575	0.021365	0.000968	0.002376	OK	OK
N+12.10	3	68	DER4	-0.009315	-0.02126	0.00093	0.002336	OK	OK
N+12.10	3	68	DER5	0.007908	0.034672	0.000864	0.003844	OK	OK
N+12.10	3	68	DER5	-0.007648	-0.034567	0.000826	0.003803	OK	OK
N+12.10	3	68	DER6	0.007908	0.034672	0.000864	0.003844	OK	OK
N+12.10	3	68	DER6	-0.007648	-0.034567	0.000826	0.003803	OK	OK
N+12.10	3	68	DER7	0.007908	0.034672	0.000864	0.003844	OK	OK
N+12.10	3	68	DER7	-0.007648	-0.034567	0.000826	0.003803	OK	OK
N+12.10	3	68	DER8	0.007908	0.034672	0.000864	0.003844	OK	OK
N+12.10	3	68	DER8	-0.007648	-0.034567	0.000826	0.003803	OK	OK
N+12.10	13	82	DER1	0.010173	0.023576	0.001052	0.00259	OK	OK
N+12.10	13	82	DER1	-0.009878	-0.023846	0.001003	0.002655	OK	OK
N+12.10	13	82	DER2	0.010173	0.023576	0.001052	0.00259	OK	OK

N+12.10	13	82	DER2	-0.009878	-0.023846	0.001003	0.002655	OK	OK
N+12.10	13	82	DER3	0.010173	0.023576	0.001052	0.00259	OK	OK
N+12.10	13	82	DER3	-0.009878	-0.023846	0.001003	0.002655	OK	OK
N+12.10	13	82	DER4	0.010173	0.023576	0.001052	0.00259	OK	OK
N+12.10	13	82	DER4	-0.009878	-0.023846	0.001003	0.002655	OK	OK
N+12.10	13	82	DER5	0.009387	0.036387	0.001038	0.004026	OK	OK
N+12.10	13	82	DER5	-0.009092	-0.036658	0.000989	0.004092	OK	OK
N+12.10	13	82	DER6	0.009387	0.036387	0.001038	0.004026	OK	OK
N+12.10	13	82	DER6	-0.009092	-0.036658	0.000989	0.004092	OK	OK
N+12.10	13	82	DER7	0.009387	0.036387	0.001038	0.004026	OK	OK
N+12.10	13	82	DER7	-0.009092	-0.036658	0.000989	0.004092	OK	OK
N+12.10	13	82	DER8	0.009387	0.036387	0.001038	0.004026	OK	OK
N+12.10	13	82	DER8	-0.009092	-0.036658	0.000989	0.004092	OK	OK
N+10.43	19	192	DER1	0.010492	0.021826	0.001339	0.002872	OK	OK
N+10.43	19	192	DER1	-0.010215	-0.022072	0.001308	0.002898	OK	OK
N+10.43	19	192	DER2	0.010492	0.021826	0.001339	0.002872	OK	OK
N+10.43	19	192	DER2	-0.010215	-0.022072	0.001308	0.002898	OK	OK
N+10.43	19	192	DER3	0.010492	0.021826	0.001339	0.002872	OK	OK
N+10.43	19	192	DER3	-0.010215	-0.022072	0.001308	0.002898	OK	OK
N+10.43	19	192	DER4	0.010492	0.021826	0.001339	0.002872	OK	OK
N+10.43	19	192	DER4	-0.010215	-0.022072	0.001308	0.002898	OK	OK
N+10.43	19	192	DER5	0.011973	0.032496	0.00158	0.004304	OK	OK
N+10.43	19	192	DER5	-0.011696	-0.032742	0.001548	0.00433	OK	OK
N+10.43	19	192	DER6	0.011973	0.032496	0.00158	0.004304	OK	OK
N+10.43	19	192	DER6	-0.011696	-0.032742	0.001548	0.00433	OK	OK
N+10.43	19	192	DER7	0.011973	0.032496	0.00158	0.004304	OK	OK
N+10.43	19	192	DER7	-0.011696	-0.032742	0.001548	0.00433	OK	OK
N+10.43	19	192	DER8	0.011973	0.032496	0.00158	0.004304	OK	OK

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N+10.43	19	192	DER8	-0.011696	-0.032742	0.001548	0.00433	OK	OK
N+10.43	20	191	DER1	0.00771	0.021826	0.000907	0.002872	OK	OK
N+10.43	20	191	DER1	-0.007526	-0.022072	0.000884	0.002898	OK	OK
N+10.43	20	191	DER2	0.00771	0.021826	0.000907	0.002872	OK	OK
N+10.43	20	191	DER2	-0.007526	-0.022072	0.000884	0.002898	OK	OK
N+10.43	20	191	DER3	0.00771	0.021826	0.000907	0.002872	OK	OK
N+10.43	20	191	DER3	-0.007526	-0.022072	0.000884	0.002898	OK	OK
N+10.43	20	191	DER4	0.00771	0.021826	0.000907	0.002872	OK	OK
N+10.43	20	191	DER4	-0.007526	-0.022072	0.000884	0.002898	OK	OK
N+10.43	20	191	DER5	0.005713	0.032496	0.000725	0.004304	OK	OK
N+10.43	20	191	DER5	-0.00553	-0.032742	0.000702	0.00433	OK	OK
N+10.43	20	191	DER6	0.005713	0.032496	0.000725	0.004304	OK	OK
N+10.43	20	191	DER6	-0.00553	-0.032742	0.000702	0.00433	OK	OK
N+10.43	20	191	DER7	0.005713	0.032496	0.000725	0.004304	OK	OK
N+10.43	20	191	DER7	-0.00553	-0.032742	0.000702	0.00433	OK	OK
N+10.43	20	191	DER8	0.005713	0.032496	0.000725	0.004304	OK	OK
N+10.43	20	191	DER8	-0.00553	-0.032742	0.000702	0.00433	OK	OK
N+10.43	23	52	DER1	0.007339	0.018094	0.000844	0.002399	OK	OK
N+10.43	23	52	DER1	-0.007178	-0.018198	0.000823	0.002412	OK	OK
N+10.43	23	52	DER2	0.007339	0.018094	0.000844	0.002399	OK	OK
N+10.43	23	52	DER2	-0.007178	-0.018198	0.000823	0.002412	OK	OK
N+10.43	23	52	DER3	0.007339	0.018094	0.000844	0.002399	OK	OK
N+10.43	23	52	DER3	-0.007178	-0.018198	0.000823	0.002412	OK	OK
N+10.43	23	52	DER4	0.007339	0.018094	0.000844	0.002399	OK	OK
N+10.43	23	52	DER4	-0.007178	-0.018198	0.000823	0.002412	OK	OK
N+10.43	23	52	DER5	0.004439	0.028501	0.000552	0.00379	OK	OK
N+10.43	23	52	DER5	-0.004279	-0.028605	0.000532	0.003803	OK	OK
N+10.43	23	52	DER6	0.004439	0.028501	0.000552	0.00379	OK	OK

N+10.43	23	52	DER6	-0.004279	-0.028605	0.000532	0.003803	OK	OK
N+10.43	23	52	DER7	0.004439	0.028501	0.000552	0.00379	OK	OK
N+10.43	23	52	DER7	-0.004279	-0.028605	0.000532	0.003803	OK	OK
N+10.43	23	52	DER8	0.004439	0.028501	0.000552	0.00379	OK	OK
N+10.43	23	52	DER8	-0.004279	-0.028605	0.000532	0.003803	OK	OK
N+10.43	26	54	DER1	0.008677	0.018094	0.001063	0.002399	OK	OK
N+10.43	26	54	DER1	-0.008454	-0.018198	0.001036	0.002412	OK	OK
N+10.43	26	54	DER2	0.008677	0.018094	0.001063	0.002399	OK	OK
N+10.43	26	54	DER2	-0.008454	-0.018198	0.001036	0.002412	OK	OK
N+10.43	26	54	DER3	0.008677	0.018094	0.001063	0.002399	OK	OK
N+10.43	26	54	DER3	-0.008454	-0.018198	0.001036	0.002412	OK	OK
N+10.43	26	54	DER4	0.008677	0.018094	0.001063	0.002399	OK	OK
N+10.43	26	54	DER4	-0.008454	-0.018198	0.001036	0.002412	OK	OK
N+10.43	26	54	DER5	0.008251	0.028501	0.001072	0.00379	OK	OK
N+10.43	26	54	DER5	-0.008028	-0.028605	0.001045	0.003803	OK	OK
N+10.43	26	54	DER6	0.008251	0.028501	0.001072	0.00379	OK	OK
N+10.43	26	54	DER6	-0.008028	-0.028605	0.001045	0.003803	OK	OK
N+10.43	26	54	DER7	0.008251	0.028501	0.001072	0.00379	OK	OK
N+10.43	26	54	DER7	-0.008028	-0.028605	0.001045	0.003803	OK	OK
N+10.43	26	54	DER8	0.008251	0.028501	0.001072	0.00379	OK	OK
N+10.43	26	54	DER8	-0.008028	-0.028605	0.001045	0.003803	OK	OK
N+10.43	24	188	DER1	0.026226	0.021837	0.003512	0.002873	OK	OK
N+10.43	24	188	DER1	-0.025626	-0.022084	0.003451	0.0029	OK	OK
N+10.43	24	188	DER2	0.026226	0.021837	0.003512	0.002873	OK	OK
N+10.43	24	188	DER2	-0.025626	-0.022084	0.003451	0.0029	OK	OK
N+10.43	24	188	DER3	0.026226	0.021837	0.003512	0.002873	OK	OK
N+10.43	24	188	DER3	-0.025626	-0.022084	0.003451	0.0029	OK	OK
N+10.43	24	188	DER4	0.026226	0.021837	0.003512	0.002873	OK	OK

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N+10.43	24	188	DER4	-0.025626	-0.022084	0.003451	0.0029	OK	OK
N+10.43	24	188	DER5	0.035879	0.032508	0.0048	0.004305	OK	OK
N+10.43	24	188	DER5	-0.035279	-0.032755	0.004739	0.004332	OK	OK
N+10.43	24	188	DER6	0.035879	0.032508	0.0048	0.004305	OK	OK
N+10.43	24	188	DER6	-0.035279	-0.032755	0.004739	0.004332	OK	OK
N+10.43	24	188	DER7	0.035879	0.032508	0.0048	0.004305	OK	OK
N+10.43	24	188	DER7	-0.035279	-0.032755	0.004739	0.004332	OK	OK
N+10.43	24	188	DER8	0.035879	0.032508	0.0048	0.004305	OK	OK
N+10.43	24	188	DER8	-0.035279	-0.032755	0.004739	0.004332	OK	OK
N+10.43	32	187	DER1	0.022414	0.021837	0.002999	0.002873	OK	OK
N+10.43	32	187	DER1	-0.021886	-0.022084	0.002945	0.0029	OK	OK
N+10.43	32	187	DER2	0.022414	0.021837	0.002999	0.002873	OK	OK
N+10.43	32	187	DER2	-0.021886	-0.022084	0.002945	0.0029	OK	OK
N+10.43	32	187	DER3	0.022414	0.021837	0.002999	0.002873	OK	OK
N+10.43	32	187	DER3	-0.021886	-0.022084	0.002945	0.0029	OK	OK
N+10.43	32	187	DER4	0.022414	0.021837	0.002999	0.002873	OK	OK
N+10.43	32	187	DER4	-0.021886	-0.022084	0.002945	0.0029	OK	OK
N+10.43	32	187	DER5	0.030462	0.032508	0.004074	0.004305	OK	OK
N+10.43	32	187	DER5	-0.029934	-0.032755	0.004019	0.004332	OK	OK
N+10.43	32	187	DER6	0.030462	0.032508	0.004074	0.004305	OK	OK
N+10.43	32	187	DER6	-0.029934	-0.032755	0.004019	0.004332	OK	OK
N+10.43	32	187	DER7	0.030462	0.032508	0.004074	0.004305	OK	OK
N+10.43	32	187	DER7	-0.029934	-0.032755	0.004019	0.004332	OK	OK
N+10.43	32	187	DER8	0.030462	0.032508	0.004074	0.004305	OK	OK
N+10.43	32	187	DER8	-0.029934	-0.032755	0.004019	0.004332	OK	OK
N+10.43	38	1	DER1	0.007386	0.019278	0.000834	0.002546	OK	OK
N+10.43	38	1	DER1	-0.007266	-0.019439	0.000817	0.002565	OK	OK
N+10.43	38	1	DER2	0.007386	0.019278	0.000834	0.002546	OK	OK

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N+10.43	38	1	DER2	-0.007266	-0.019439	0.000817	0.002565	OK	OK
N+10.43	38	1	DER3	0.007386	0.019278	0.000834	0.002546	OK	OK
N+10.43	38	1	DER3	-0.007266	-0.019439	0.000817	0.002565	OK	OK
N+10.43	38	1	DER4	0.007386	0.019278	0.000834	0.002546	OK	OK
N+10.43	38	1	DER4	-0.007266	-0.019439	0.000817	0.002565	OK	OK
N+10.43	38	1	DER5	0.003767	0.029688	0.000466	0.003939	OK	OK
N+10.43	38	1	DER5	-0.003646	-0.029848	0.000449	0.003958	OK	OK
N+10.43	38	1	DER6	0.003767	0.029688	0.000466	0.003939	OK	OK
N+10.43	38	1	DER6	-0.003646	-0.029848	0.000449	0.003958	OK	OK
N+10.43	38	1	DER7	0.003767	0.029688	0.000466	0.003939	OK	OK
N+10.43	38	1	DER7	-0.003646	-0.029848	0.000449	0.003958	OK	OK
N+10.43	38	1	DER8	0.003767	0.029688	0.000466	0.003939	OK	OK
N+10.43	38	1	DER8	-0.003646	-0.029848	0.000449	0.003958	OK	OK
N+10.43	42	8	DER1	0.010833	0.019302	0.001319	0.002549	OK	OK
N+10.43	42	8	DER1	-0.010547	-0.019464	0.001358	0.002568	OK	OK
N+10.43	42	8	DER2	0.010833	0.019302	0.001319	0.002549	OK	OK
N+10.43	42	8	DER2	-0.010547	-0.019464	0.001358	0.002568	OK	OK
N+10.43	42	8	DER3	0.010833	0.019302	0.001319	0.002549	OK	OK
N+10.43	42	8	DER3	-0.010547	-0.019464	0.001358	0.002568	OK	OK
N+10.43	42	8	DER4	0.010833	0.019302	0.001319	0.002549	OK	OK
N+10.43	42	8	DER4	-0.010547	-0.019464	0.001358	0.002568	OK	OK
N+10.43	42	8	DER5	0.012599	0.029713	0.001665	0.003942	OK	OK
N+10.43	42	8	DER5	-0.012313	-0.029874	0.001633	0.003961	OK	OK
N+10.43	42	8	DER6	0.012599	0.029713	0.001665	0.003942	OK	OK
N+10.43	42	8	DER6	-0.012313	-0.029874	0.001633	0.003961	OK	OK
N+10.43	42	8	DER7	0.012599	0.029713	0.001665	0.003942	OK	OK
N+10.43	42	8	DER7	-0.012313	-0.029874	0.001633	0.003961	OK	OK
N+10.43	42	8	DER8	0.012599	0.029713	0.001665	0.003942	OK	OK

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N+10.43	42	8	DER8	-0.012313	-0.029874	0.001633	0.003961	OK	OK
N+10.43	46	14	DER1	0.026652	0.019286	0.003569	0.002547	OK	OK
N+10.43	46	14	DER1	-0.026044	-0.019447	0.003507	0.002566	OK	OK
N+10.43	46	14	DER2	0.026652	0.019286	0.003569	0.002547	OK	OK
N+10.43	46	14	DER2	-0.026044	-0.019447	0.003507	0.002566	OK	OK
N+10.43	46	14	DER3	0.026652	0.019286	0.003569	0.002547	OK	OK
N+10.43	46	14	DER3	-0.026044	-0.019447	0.003507	0.002566	OK	OK
N+10.43	46	14	DER4	0.026652	0.019286	0.003569	0.002547	OK	OK
N+10.43	46	14	DER4	-0.026044	-0.019447	0.003507	0.002566	OK	OK
N+10.43	46	14	DER5	0.036479	0.029696	0.00488	0.00394	OK	OK
N+10.43	46	14	DER5	-0.035872	-0.029857	0.004819	0.003959	OK	OK
N+10.43	46	14	DER6	0.036479	0.029696	0.00488	0.00394	OK	OK
N+10.43	46	14	DER6	-0.035872	-0.029857	0.004819	0.003959	OK	OK
N+10.43	46	14	DER7	0.036479	0.029696	0.00488	0.00394	OK	OK
N+10.43	46	14	DER7	-0.035872	-0.029857	0.004819	0.003959	OK	OK
N+10.43	46	14	DER8	0.036479	0.029696	0.00488	0.00394	OK	OK
N+10.43	46	14	DER8	-0.035872	-0.029857	0.004819	0.003959	OK	OK
N+10.43	57	141	DER1	0.026498	0.021837	0.003548	0.002873	OK	OK
N+10.43	57	141	DER1	-0.025893	-0.022084	0.003487	0.0029	OK	OK
N+10.43	57	141	DER2	0.026498	0.021837	0.003548	0.002873	OK	OK
N+10.43	57	141	DER2	-0.025893	-0.022084	0.003487	0.0029	OK	OK
N+10.43	57	141	DER3	0.026498	0.021837	0.003548	0.002873	OK	OK
N+10.43	57	141	DER3	-0.025893	-0.022084	0.003487	0.0029	OK	OK
N+10.43	57	141	DER4	0.026498	0.021837	0.003548	0.002873	OK	OK
N+10.43	57	141	DER4	-0.025893	-0.022084	0.003487	0.0029	OK	OK
N+10.43	57	141	DER5	0.036263	0.032508	0.004851	0.004305	OK	OK
N+10.43	57	141	DER5	-0.035658	-0.032755	0.00479	0.004332	OK	OK
N+10.43	57	141	DER6	0.036263	0.032508	0.004851	0.004305	OK	OK

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N+10.43	57	141	DER6	-0.035658	-0.032755	0.00479	0.004332	OK	OK
N+10.43	57	141	DER7	0.036263	0.032508	0.004851	0.004305	OK	OK
N+10.43	57	141	DER7	-0.035658	-0.032755	0.00479	0.004332	OK	OK
N+10.43	57	141	DER8	0.036263	0.032508	0.004851	0.004305	OK	OK
N+10.43	57	141	DER8	-0.035658	-0.032755	0.00479	0.004332	OK	OK
N+10.43	51	43	DER1	0.007376	0.017414	0.000832	0.002335	OK	OK
N+10.43	51	43	DER1	-0.007255	-0.017377	0.000815	0.002336	OK	OK
N+10.43	51	43	DER2	0.007376	0.017414	0.000832	0.002335	OK	OK
N+10.43	51	43	DER2	-0.007255	-0.017377	0.000815	0.002336	OK	OK
N+10.43	51	43	DER3	0.007376	0.017414	0.000832	0.002335	OK	OK
N+10.43	51	43	DER3	-0.007255	-0.017377	0.000815	0.002336	OK	OK
N+10.43	51	43	DER4	0.007376	0.017414	0.000832	0.002335	OK	OK
N+10.43	51	43	DER4	-0.007255	-0.017377	0.000815	0.002336	OK	OK
N+10.43	51	43	DER5	0.00375	0.028273	0.000463	0.003786	OK	OK
N+10.43	51	43	DER5	-0.003629	-0.028236	0.000446	0.003787	OK	OK
N+10.43	51	43	DER6	0.00375	0.028273	0.000463	0.003786	OK	OK
N+10.43	51	43	DER6	-0.003629	-0.028236	0.000446	0.003787	OK	OK
N+10.43	51	43	DER7	0.00375	0.028273	0.000463	0.003786	OK	OK
N+10.43	51	43	DER7	-0.003629	-0.028236	0.000446	0.003787	OK	OK
N+10.43	51	43	DER8	0.00375	0.028273	0.000463	0.003786	OK	OK
N+10.43	51	43	DER8	-0.003629	-0.028236	0.000446	0.003787	OK	OK
N+10.43	60	29	DER1	0.010833	0.017414	0.001339	0.002335	OK	OK
N+10.43	60	29	DER1	-0.010547	-0.017377	0.001358	0.002336	OK	OK
N+10.43	60	29	DER2	0.010833	0.017414	0.001339	0.002335	OK	OK
N+10.43	60	29	DER2	-0.010547	-0.017377	0.001358	0.002336	OK	OK
N+10.43	60	29	DER3	0.010833	0.017414	0.001339	0.002335	OK	OK
N+10.43	60	29	DER3	-0.010547	-0.017377	0.001358	0.002336	OK	OK
N+10.43	60	29	DER4	0.010833	0.017414	0.001339	0.002335	OK	OK

N+10.43	60	29	DER4	-0.010547	-0.017377	0.001358	0.002336	OK	OK
N+10.43	60	29	DER5	0.012599	0.028273	0.001665	0.003786	OK	OK
N+10.43	60	29	DER5	-0.012313	-0.028236	0.001633	0.003787	OK	OK
N+10.43	60	29	DER6	0.012599	0.028273	0.001665	0.003786	OK	OK
N+10.43	60	29	DER6	-0.012313	-0.028236	0.001633	0.003787	OK	OK
N+10.43	60	29	DER7	0.012599	0.028273	0.001665	0.003786	OK	OK
N+10.43	60	29	DER7	-0.012313	-0.028236	0.001633	0.003787	OK	OK
N+10.43	60	29	DER8	0.012599	0.028273	0.001665	0.003786	OK	OK
N+10.43	60	29	DER8	-0.012313	-0.028236	0.001633	0.003787	OK	OK
N+10.43	95	143	DER1	0.007339	0.017287	0.000844	0.002306	OK	OK
N+10.43	95	143	DER1	-0.007178	-0.017317	0.000823	0.002313	OK	OK
N+10.43	95	143	DER2	0.007339	0.017287	0.000844	0.002306	OK	OK
N+10.43	95	143	DER2	-0.007178	-0.017317	0.000823	0.002313	OK	OK
N+10.43	95	143	DER3	0.007339	0.017287	0.000844	0.002306	OK	OK
N+10.43	95	143	DER3	-0.007178	-0.017317	0.000823	0.002313	OK	OK
N+10.43	95	143	DER4	0.007339	0.017287	0.000844	0.002306	OK	OK
N+10.43	95	143	DER4	-0.007178	-0.017317	0.000823	0.002313	OK	OK
N+10.43	95	143	DER5	0.004439	0.027864	0.000552	0.003719	OK	OK
N+10.43	95	143	DER5	-0.004279	-0.027894	0.000532	0.003725	OK	OK
N+10.43	95	143	DER6	0.004439	0.027864	0.000552	0.003719	OK	OK
N+10.43	95	143	DER6	-0.004279	-0.027894	0.000532	0.003725	OK	OK
N+10.43	95	143	DER7	0.004439	0.027864	0.000552	0.003719	OK	OK
N+10.43	95	143	DER7	-0.004279	-0.027894	0.000532	0.003725	OK	OK
N+10.43	95	143	DER8	0.004439	0.027864	0.000552	0.003719	OK	OK
N+10.43	95	143	DER8	-0.004279	-0.027894	0.000532	0.003725	OK	OK
N+10.43	96	157	DER1	0.008677	0.017287	0.001063	0.002306	OK	OK
N+10.43	96	157	DER1	-0.008454	-0.017317	0.001036	0.002313	OK	OK
N+10.43	96	157	DER2	0.008677	0.017287	0.001063	0.002306	OK	OK

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N+10.43	96	157	DER2	-0.008454	-0.017317	0.001036	0.002313	OK	OK
N+10.43	96	157	DER3	0.008677	0.017287	0.001063	0.002306	OK	OK
N+10.43	96	157	DER3	-0.008454	-0.017317	0.001036	0.002313	OK	OK
N+10.43	96	157	DER4	0.008677	0.017287	0.001063	0.002306	OK	OK
N+10.43	96	157	DER4	-0.008454	-0.017317	0.001036	0.002313	OK	OK
N+10.43	96	157	DER5	0.008251	0.027864	0.001072	0.003719	OK	OK
N+10.43	96	157	DER5	-0.008028	-0.027894	0.001045	0.003725	OK	OK
N+10.43	96	157	DER6	0.008251	0.027864	0.001072	0.003719	OK	OK
N+10.43	96	157	DER6	-0.008028	-0.027894	0.001045	0.003725	OK	OK
N+10.43	96	157	DER7	0.008251	0.027864	0.001072	0.003719	OK	OK
N+10.43	96	157	DER7	-0.008028	-0.027894	0.001045	0.003725	OK	OK
N+10.43	96	157	DER8	0.008251	0.027864	0.001072	0.003719	OK	OK
N+10.43	96	157	DER8	-0.008028	-0.027894	0.001045	0.003725	OK	OK
N+10.43	3	67	DER1	0.007971	0.017414	0.00095	0.002335	OK	OK
N+10.43	3	67	DER1	-0.007776	-0.017377	0.000926	0.002336	OK	OK
N+10.43	3	67	DER2	0.007971	0.017414	0.00095	0.002335	OK	OK
N+10.43	3	67	DER2	-0.007776	-0.017377	0.000926	0.002336	OK	OK
N+10.43	3	67	DER3	0.007971	0.017414	0.00095	0.002335	OK	OK
N+10.43	3	67	DER3	-0.007776	-0.017377	0.000926	0.002336	OK	OK
N+10.43	3	67	DER4	0.007971	0.017414	0.00095	0.002335	OK	OK
N+10.43	3	67	DER4	-0.007776	-0.017377	0.000926	0.002336	OK	OK
N+10.43	3	67	DER5	0.006473	0.028273	0.000829	0.003786	OK	OK
N+10.43	3	67	DER5	-0.006277	-0.028236	0.000805	0.003787	OK	OK
N+10.43	3	67	DER6	0.006473	0.028273	0.000829	0.003786	OK	OK
N+10.43	3	67	DER6	-0.006277	-0.028236	0.000805	0.003787	OK	OK
N+10.43	3	67	DER7	0.006473	0.028273	0.000829	0.003786	OK	OK
N+10.43	3	67	DER7	-0.006277	-0.028236	0.000805	0.003787	OK	OK
N+10.43	3	67	DER8	0.006473	0.028273	0.000829	0.003786	OK	OK

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N+10.43	3	67	DER8	-0.006277	-0.028236	0.000805	0.003787	OK	OK
N+10.43	13	81	DER1	0.008431	0.019278	0.001024	0.002546	OK	OK
N+10.43	13	81	DER1	-0.008217	-0.019439	0.000998	0.002565	OK	OK
N+10.43	13	81	DER2	0.008431	0.019278	0.001024	0.002546	OK	OK
N+10.43	13	81	DER2	-0.008217	-0.019439	0.000998	0.002565	OK	OK
N+10.43	13	81	DER3	0.008431	0.019278	0.001024	0.002546	OK	OK
N+10.43	13	81	DER3	-0.008217	-0.019439	0.000998	0.002565	OK	OK
N+10.43	13	81	DER4	0.008431	0.019278	0.001024	0.002546	OK	OK
N+10.43	13	81	DER4	-0.008217	-0.019439	0.000998	0.002565	OK	OK
N+10.43	13	81	DER5	0.007664	0.029688	0.000991	0.003939	OK	OK
N+10.43	13	81	DER5	-0.00745	-0.029848	0.000966	0.003958	OK	OK
N+10.43	13	81	DER6	0.007664	0.029688	0.000991	0.003939	OK	OK
N+10.43	13	81	DER6	-0.00745	-0.029848	0.000966	0.003958	OK	OK
N+10.43	13	81	DER7	0.007664	0.029688	0.000991	0.003939	OK	OK
N+10.43	13	81	DER7	-0.00745	-0.029848	0.000966	0.003958	OK	OK
N+10.43	13	81	DER8	0.007664	0.029688	0.000991	0.003939	OK	OK
N+10.43	13	81	DER8	-0.00745	-0.029848	0.000966	0.003958	OK	OK
N+10.43	12	148	DER1	0.007401	0.019506	0.000835	0.002575	OK	OK
N+10.43	12	148	DER1	-0.007282	-0.019675	0.000818	0.002594	OK	OK
N+10.43	12	148	DER2	0.007401	0.019506	0.000835	0.002575	OK	OK
N+10.43	12	148	DER2	-0.007282	-0.019675	0.000818	0.002594	OK	OK
N+10.43	12	148	DER3	0.007401	0.019506	0.000835	0.002575	OK	OK
N+10.43	12	148	DER3	-0.007282	-0.019675	0.000818	0.002594	OK	OK
N+10.43	12	148	DER4	0.007401	0.019506	0.000835	0.002575	OK	OK
N+10.43	12	148	DER4	-0.007282	-0.019675	0.000818	0.002594	OK	OK
N+10.43	12	148	DER5	0.003793	0.029928	0.000469	0.00397	OK	OK
N+10.43	12	148	DER5	-0.003673	-0.030097	0.000452	0.003989	OK	OK
N+10.43	12	148	DER6	0.003793	0.029928	0.000469	0.00397	OK	OK

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N+10.43	12	148	DER6	-0.003673	-0.030097	0.000452	0.003989	OK	OK
N+10.43	12	148	DER7	0.003793	0.029928	0.000469	0.00397	OK	OK
N+10.43	12	148	DER7	-0.003673	-0.030097	0.000452	0.003989	OK	OK
N+10.43	12	148	DER8	0.003793	0.029928	0.000469	0.00397	OK	OK
N+10.43	12	148	DER8	-0.003673	-0.030097	0.000452	0.003989	OK	OK
N+7.44	19	79	DER1	0.006527	0.013294	0.001153	0.002485	OK	OK
N+7.44	19	79	DER1	-0.006343	-0.013461	0.001116	0.002518	OK	OK
N+7.44	19	79	DER2	0.006527	0.013294	0.001153	0.002485	OK	OK
N+7.44	19	79	DER2	-0.006343	-0.013461	0.001116	0.002518	OK	OK
N+7.44	19	79	DER3	0.006527	0.013294	0.001153	0.002485	OK	OK
N+7.44	19	79	DER3	-0.006343	-0.013461	0.001116	0.002518	OK	OK
N+7.44	19	79	DER4	0.006527	0.013294	0.001153	0.002485	OK	OK
N+7.44	19	79	DER4	-0.006343	-0.013461	0.001116	0.002518	OK	OK
N+7.44	19	79	DER5	0.007283	0.019676	0.001325	0.003702	OK	OK
N+7.44	19	79	DER5	-0.0071	-0.019843	0.001288	0.003735	OK	OK
N+7.44	19	79	DER6	0.007283	0.019676	0.001325	0.003702	OK	OK
N+7.44	19	79	DER6	-0.0071	-0.019843	0.001288	0.003735	OK	OK
N+7.44	19	79	DER7	0.007283	0.019676	0.001325	0.003702	OK	OK
N+7.44	19	79	DER7	-0.0071	-0.019843	0.001288	0.003735	OK	OK
N+7.44	19	79	DER8	0.007283	0.019676	0.001325	0.003702	OK	OK
N+7.44	19	79	DER8	-0.0071	-0.019843	0.001288	0.003735	OK	OK
N+7.44	20	78	DER1	0.00503	0.013294	0.000844	0.002485	OK	OK
N+7.44	20	78	DER1	-0.004915	-0.013461	0.000821	0.002518	OK	OK
N+7.44	20	78	DER2	0.00503	0.013294	0.000844	0.002485	OK	OK
N+7.44	20	78	DER2	-0.004915	-0.013461	0.000821	0.002518	OK	OK
N+7.44	20	78	DER3	0.00503	0.013294	0.000844	0.002485	OK	OK
N+7.44	20	78	DER3	-0.004915	-0.013461	0.000821	0.002518	OK	OK
N+7.44	20	78	DER4	0.00503	0.013294	0.000844	0.002485	OK	OK

N+7.44	20	78	DER4	-0.004915	-0.013461	0.000821	0.002518	OK	OK
N+7.44	20	78	DER5	0.003565	0.019676	0.000627	0.003702	OK	OK
N+7.44	20	78	DER5	-0.00345	-0.019843	0.000603	0.003735	OK	OK
N+7.44	20	78	DER6	0.003565	0.019676	0.000627	0.003702	OK	OK
N+7.44	20	78	DER6	-0.00345	-0.019843	0.000603	0.003735	OK	OK
N+7.44	20	78	DER7	0.003565	0.019676	0.000627	0.003702	OK	OK
N+7.44	20	78	DER7	-0.00345	-0.019843	0.000603	0.003735	OK	OK
N+7.44	20	78	DER8	0.003565	0.019676	0.000627	0.003702	OK	OK
N+7.44	20	78	DER8	-0.00345	-0.019843	0.000603	0.003735	OK	OK
N+7.44	23	83	DER1	0.004846	0.010956	0.000803	0.002061	OK	OK
N+7.44	23	83	DER1	-0.004747	-0.011021	0.000783	0.002075	OK	OK
N+7.44	23	83	DER2	0.004846	0.010956	0.000803	0.002061	OK	OK
N+7.44	23	83	DER2	-0.004747	-0.011021	0.000783	0.002075	OK	OK
N+7.44	23	83	DER3	0.004846	0.010956	0.000803	0.002061	OK	OK
N+7.44	23	83	DER3	-0.004747	-0.011021	0.000783	0.002075	OK	OK
N+7.44	23	83	DER4	0.004846	0.010956	0.000803	0.002061	OK	OK
N+7.44	23	83	DER4	-0.004747	-0.011021	0.000783	0.002075	OK	OK
N+7.44	23	83	DER5	0.002808	0.017206	0.000483	0.003245	OK	OK
N+7.44	23	83	DER5	-0.002709	-0.01727	0.000462	0.003258	OK	OK
N+7.44	23	83	DER6	0.002808	0.017206	0.000483	0.003245	OK	OK
N+7.44	23	83	DER6	-0.002709	-0.01727	0.000462	0.003258	OK	OK
N+7.44	23	83	DER7	0.002808	0.017206	0.000483	0.003245	OK	OK
N+7.44	23	83	DER7	-0.002709	-0.01727	0.000462	0.003258	OK	OK
N+7.44	23	83	DER8	0.002808	0.017206	0.000483	0.003245	OK	OK
N+7.44	23	83	DER8	-0.002709	-0.01727	0.000462	0.003258	OK	OK
N+7.44	26	84	DER1	0.005536	0.010956	0.000951	0.002061	OK	OK
N+7.44	26	84	DER1	-0.005392	-0.011021	0.000922	0.002075	OK	OK
N+7.44	26	84	DER2	0.005536	0.010956	0.000951	0.002061	OK	OK

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N+7.44	26	84	DER2	-0.005392	-0.011021	0.000922	0.002075	OK	OK
N+7.44	26	84	DER3	0.005536	0.010956	0.000951	0.002061	OK	OK
N+7.44	26	84	DER3	-0.005392	-0.011021	0.000922	0.002075	OK	OK
N+7.44	26	84	DER4	0.005536	0.010956	0.000951	0.002061	OK	OK
N+7.44	26	84	DER4	-0.005392	-0.011021	0.000922	0.002075	OK	OK
N+7.44	26	84	DER5	0.005072	0.017206	0.00091	0.003245	OK	OK
N+7.44	26	84	DER5	-0.004928	-0.01727	0.000881	0.003258	OK	OK
N+7.44	26	84	DER6	0.005072	0.017206	0.00091	0.003245	OK	OK
N+7.44	26	84	DER6	-0.004928	-0.01727	0.000881	0.003258	OK	OK
N+7.44	26	84	DER7	0.005072	0.017206	0.00091	0.003245	OK	OK
N+7.44	26	84	DER7	-0.004928	-0.01727	0.000881	0.003258	OK	OK
N+7.44	26	84	DER8	0.005072	0.017206	0.00091	0.003245	OK	OK
N+7.44	26	84	DER8	-0.004928	-0.01727	0.000881	0.003258	OK	OK
N+7.44	24	77	DER1	0.015799	0.013301	0.00291	0.002486	OK	OK
N+7.44	24	77	DER1	-0.015382	-0.013468	0.00287	0.002519	OK	OK
N+7.44	24	77	DER2	0.015799	0.013301	0.00291	0.002486	OK	OK
N+7.44	24	77	DER2	-0.015382	-0.013468	0.00287	0.002519	OK	OK
N+7.44	24	77	DER3	0.015799	0.013301	0.00291	0.002486	OK	OK
N+7.44	24	77	DER3	-0.015382	-0.013468	0.00287	0.002519	OK	OK
N+7.44	24	77	DER4	0.015799	0.013301	0.00291	0.002486	OK	OK
N+7.44	24	77	DER4	-0.015382	-0.013468	0.00287	0.002519	OK	OK
N+7.44	24	77	DER5	0.021621	0.019683	0.003983	0.003703	OK	OK
N+7.44	24	77	DER5	-0.021203	-0.01985	0.0039	0.003737	OK	OK
N+7.44	24	77	DER6	0.021621	0.019683	0.003983	0.003703	OK	OK
N+7.44	24	77	DER6	-0.021203	-0.01985	0.0039	0.003737	OK	OK
N+7.44	24	77	DER7	0.021621	0.019683	0.003983	0.003703	OK	OK
N+7.44	24	77	DER7	-0.021203	-0.01985	0.0039	0.003737	OK	OK
N+7.44	24	77	DER8	0.021621	0.019683	0.003983	0.003703	OK	OK

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N+7.44	24	77	DER8	-0.021203	-0.01985	0.0039	0.003737	OK	OK
N+7.44	32	91	DER1	0.013508	0.013301	0.002484	0.002486	OK	OK
N+7.44	32	91	DER1	-0.013142	-0.013468	0.002412	0.002519	OK	OK
N+7.44	32	91	DER2	0.013508	0.013301	0.002484	0.002486	OK	OK
N+7.44	32	91	DER2	-0.013142	-0.013468	0.002412	0.002519	OK	OK
N+7.44	32	91	DER3	0.013508	0.013301	0.002484	0.002486	OK	OK
N+7.44	32	91	DER3	-0.013142	-0.013468	0.002412	0.002519	OK	OK
N+7.44	32	91	DER4	0.013508	0.013301	0.002484	0.002486	OK	OK
N+7.44	32	91	DER4	-0.013142	-0.013468	0.002412	0.002519	OK	OK
N+7.44	32	91	DER5	0.01836	0.019683	0.00338	0.003703	OK	OK
N+7.44	32	91	DER5	-0.017994	-0.01985	0.003308	0.003737	OK	OK
N+7.44	32	91	DER6	0.01836	0.019683	0.00338	0.003703	OK	OK
N+7.44	32	91	DER6	-0.017994	-0.01985	0.003308	0.003737	OK	OK
N+7.44	32	91	DER7	0.01836	0.019683	0.00338	0.003703	OK	OK
N+7.44	32	91	DER7	-0.017994	-0.01985	0.003308	0.003737	OK	OK
N+7.44	32	91	DER8	0.01836	0.019683	0.00338	0.003703	OK	OK
N+7.44	32	91	DER8	-0.017994	-0.01985	0.003308	0.003737	OK	OK
N+7.44	33	124	DER1	0.008514	0.010573	0.001465	0.001991	OK	OK
N+7.44	33	124	DER1	-0.008554	-0.010606	0.001472	0.001998	OK	OK
N+7.44	33	124	DER2	0.008514	0.010573	0.001465	0.001991	OK	OK
N+7.44	33	124	DER2	-0.008554	-0.010606	0.001472	0.001998	OK	OK
N+7.44	33	124	DER3	0.008514	0.010573	0.001465	0.001991	OK	OK
N+7.44	33	124	DER3	-0.008554	-0.010606	0.001472	0.001998	OK	OK
N+7.44	33	124	DER4	0.008514	0.010573	0.001465	0.001991	OK	OK
N+7.44	33	124	DER4	-0.008554	-0.010606	0.001472	0.001998	OK	OK
N+7.44	33	124	DER5	0.008404	0.016875	0.001517	0.003181	OK	OK
N+7.44	33	124	DER5	-0.008445	-0.016908	0.001524	0.003188	OK	OK
N+7.44	33	124	DER6	0.008404	0.016875	0.001517	0.003181	OK	OK

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N+7.44	33	124	DER6	-0.008445	-0.016908	0.001524	0.003188	OK	OK
N+7.44	33	124	DER7	0.008404	0.016875	0.001517	0.003181	OK	OK
N+7.44	33	124	DER7	-0.008445	-0.016908	0.001524	0.003188	OK	OK
N+7.44	33	124	DER8	0.008404	0.016875	0.001517	0.003181	OK	OK
N+7.44	33	124	DER8	-0.008445	-0.016908	0.001524	0.003188	OK	OK
N+7.44	34	138	DER1	0.008505	0.012287	0.001463	0.002282	OK	OK
N+7.44	34	138	DER1	-0.008545	-0.01214	0.001471	0.002254	OK	OK
N+7.44	34	138	DER2	0.008505	0.012287	0.001463	0.002282	OK	OK
N+7.44	34	138	DER2	-0.008545	-0.01214	0.001471	0.002254	OK	OK
N+7.44	34	138	DER3	0.008505	0.012287	0.001463	0.002282	OK	OK
N+7.44	34	138	DER3	-0.008545	-0.01214	0.001471	0.002254	OK	OK
N+7.44	34	138	DER4	0.008505	0.012287	0.001463	0.002282	OK	OK
N+7.44	34	138	DER4	-0.008545	-0.01214	0.001471	0.002254	OK	OK
N+7.44	34	138	DER5	0.008391	0.019365	0.001514	0.003604	OK	OK
N+7.44	34	138	DER5	-0.008431	-0.019217	0.001521	0.003576	OK	OK
N+7.44	34	138	DER6	0.008391	0.019365	0.001514	0.003604	OK	OK
N+7.44	34	138	DER6	-0.008431	-0.019217	0.001521	0.003576	OK	OK
N+7.44	34	138	DER7	0.008391	0.019365	0.001514	0.003604	OK	OK
N+7.44	34	138	DER7	-0.008431	-0.019217	0.001521	0.003576	OK	OK
N+7.44	34	138	DER8	0.008391	0.019365	0.001514	0.003604	OK	OK
N+7.44	34	138	DER8	-0.008431	-0.019217	0.001521	0.003576	OK	OK
N+7.44	35	132	DER1	0.008487	0.020356	0.00146	0.00373	OK	OK
N+7.44	35	132	DER1	-0.008526	-0.019979	0.001467	0.003657	OK	OK
N+7.44	35	132	DER2	0.008487	0.020356	0.00146	0.00373	OK	OK
N+7.44	35	132	DER2	-0.008526	-0.019979	0.001467	0.003657	OK	OK
N+7.44	35	132	DER3	0.008487	0.020356	0.00146	0.00373	OK	OK
N+7.44	35	132	DER3	-0.008526	-0.019979	0.001467	0.003657	OK	OK
N+7.44	35	132	DER4	0.008487	0.020356	0.00146	0.00373	OK	OK

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N+7.44	35	132	DER4	-0.008526	-0.019979	0.001467	0.003657	OK	OK
N+7.44	35	132	DER5	0.008363	0.029549	0.001509	0.005441	OK	OK
N+7.44	35	132	DER5	-0.008403	-0.029172	0.001516	0.005367	OK	OK
N+7.44	35	132	DER6	0.008363	0.029549	0.001509	0.005441	OK	OK
N+7.44	35	132	DER6	-0.008403	-0.029172	0.001516	0.005367	OK	OK
N+7.44	35	132	DER7	0.008363	0.029549	0.001509	0.005441	OK	OK
N+7.44	35	132	DER7	-0.008403	-0.029172	0.001516	0.005367	OK	OK
N+7.44	35	132	DER8	0.008363	0.029549	0.001509	0.005441	OK	OK
N+7.44	35	132	DER8	-0.008403	-0.029172	0.001516	0.005367	OK	OK
N+7.44	37	131	DER1	0.008496	0.022648	0.001462	0.004146	OK	OK
N+7.44	37	131	DER1	-0.008536	-0.022216	0.001469	0.004061	OK	OK
N+7.44	37	131	DER2	0.008496	0.022648	0.001462	0.004146	OK	OK
N+7.44	37	131	DER2	-0.008536	-0.022216	0.001469	0.004061	OK	OK
N+7.44	37	131	DER3	0.008496	0.022648	0.001462	0.004146	OK	OK
N+7.44	37	131	DER3	-0.008536	-0.022216	0.001469	0.004061	OK	OK
N+7.44	37	131	DER4	0.008496	0.022648	0.001462	0.004146	OK	OK
N+7.44	37	131	DER4	-0.008536	-0.022216	0.001469	0.004061	OK	OK
N+7.44	37	131	DER5	0.008377	0.032503	0.001512	0.005979	OK	OK
N+7.44	37	131	DER5	-0.008417	-0.032071	0.001519	0.005894	OK	OK
N+7.44	37	131	DER6	0.008377	0.032503	0.001512	0.005979	OK	OK
N+7.44	37	131	DER6	-0.008417	-0.032071	0.001519	0.005894	OK	OK
N+7.44	37	131	DER7	0.008377	0.032503	0.001512	0.005979	OK	OK
N+7.44	37	131	DER7	-0.008417	-0.032071	0.001519	0.005894	OK	OK
N+7.44	37	131	DER8	0.008377	0.032503	0.001512	0.005979	OK	OK
N+7.44	37	131	DER8	-0.008417	-0.032071	0.001519	0.005894	OK	OK
N+7.44	38	139	DER1	0.004927	0.011707	0.000809	0.002198	OK	OK
N+7.44	38	139	DER1	-0.004858	-0.011811	0.000795	0.002219	OK	OK
N+7.44	38	139	DER2	0.004927	0.011707	0.000809	0.002198	OK	OK

N+7.44	38	139	DER2	-0.004858	-0.011811	0.000795	0.002219	OK	OK
N+7.44	38	139	DER3	0.004927	0.011707	0.000809	0.002198	OK	OK
N+7.44	38	139	DER3	-0.004858	-0.011811	0.000795	0.002219	OK	OK
N+7.44	38	139	DER4	0.004927	0.011707	0.000809	0.002198	OK	OK
N+7.44	38	139	DER4	-0.004858	-0.011811	0.000795	0.002219	OK	OK
N+7.44	38	139	DER5	0.002403	0.017949	0.000403	0.003384	OK	OK
N+7.44	38	139	DER5	-0.002333	-0.018053	0.000389	0.003405	OK	OK
N+7.44	38	139	DER6	0.002403	0.017949	0.000403	0.003384	OK	OK
N+7.44	38	139	DER6	-0.002333	-0.018053	0.000389	0.003405	OK	OK
N+7.44	38	139	DER7	0.002403	0.017949	0.000403	0.003384	OK	OK
N+7.44	38	139	DER7	-0.002333	-0.018053	0.000389	0.003405	OK	OK
N+7.44	38	139	DER8	0.002403	0.017949	0.000403	0.003384	OK	OK
N+7.44	38	139	DER8	-0.002333	-0.018053	0.000389	0.003405	OK	OK
N+7.44	39	126	DER1	0.004915	0.012302	0.000807	0.002285	OK	OK
N+7.44	39	126	DER1	-0.004845	-0.012154	0.000793	0.002256	OK	OK
N+7.44	39	126	DER2	0.004915	0.012302	0.000807	0.002285	OK	OK
N+7.44	39	126	DER2	-0.004845	-0.012154	0.000793	0.002256	OK	OK
N+7.44	39	126	DER3	0.004915	0.012302	0.000807	0.002285	OK	OK
N+7.44	39	126	DER3	-0.004845	-0.012154	0.000793	0.002256	OK	OK
N+7.44	39	126	DER4	0.004915	0.012302	0.000807	0.002285	OK	OK
N+7.44	39	126	DER4	-0.004845	-0.012154	0.000793	0.002256	OK	OK
N+7.44	39	126	DER5	0.002385	0.019383	0.0004	0.003608	OK	OK
N+7.44	39	126	DER5	-0.002315	-0.019235	0.000385	0.003579	OK	OK
N+7.44	39	126	DER6	0.002385	0.019383	0.0004	0.003608	OK	OK
N+7.44	39	126	DER6	-0.002315	-0.019235	0.000385	0.003579	OK	OK
N+7.44	39	126	DER7	0.002385	0.019383	0.0004	0.003608	OK	OK
N+7.44	39	126	DER7	-0.002315	-0.019235	0.000385	0.003579	OK	OK
N+7.44	39	126	DER8	0.002385	0.019383	0.0004	0.003608	OK	OK

N+7.44	39	126	DER8	-0.002315	-0.019235	0.000385	0.003579	OK	OK
N+7.44	40	127	DER1	0.004912	0.020089	0.000806	0.003682	OK	OK
N+7.44	40	127	DER1	-0.004841	-0.019718	0.000792	0.003609	OK	OK
N+7.44	40	127	DER2	0.004912	0.020089	0.000806	0.003682	OK	OK
N+7.44	40	127	DER2	-0.004841	-0.019718	0.000792	0.003609	OK	OK
N+7.44	40	127	DER3	0.004912	0.020089	0.000806	0.003682	OK	OK
N+7.44	40	127	DER3	-0.004841	-0.019718	0.000792	0.003609	OK	OK
N+7.44	40	127	DER4	0.004912	0.020089	0.000806	0.003682	OK	OK
N+7.44	40	127	DER4	-0.004841	-0.019718	0.000792	0.003609	OK	OK
N+7.44	40	127	DER5	0.002379	0.029205	0.000398	0.005379	OK	OK
N+7.44	40	127	DER5	-0.002309	-0.028835	0.000384	0.005306	OK	OK
N+7.44	40	127	DER6	0.002379	0.029205	0.000398	0.005379	OK	OK
N+7.44	40	127	DER6	-0.002309	-0.028835	0.000384	0.005306	OK	OK
N+7.44	40	127	DER7	0.002379	0.029205	0.000398	0.005379	OK	OK
N+7.44	40	127	DER7	-0.002309	-0.028835	0.000384	0.005306	OK	OK
N+7.44	40	127	DER8	0.002379	0.029205	0.000398	0.005379	OK	OK
N+7.44	40	127	DER8	-0.002309	-0.028835	0.000384	0.005306	OK	OK
N+7.44	41	130	DER1	0.004917	0.022619	0.000807	0.00414	OK	OK
N+7.44	41	130	DER1	-0.004847	-0.022187	0.000793	0.004056	OK	OK
N+7.44	41	130	DER2	0.004917	0.022619	0.000807	0.00414	OK	OK
N+7.44	41	130	DER2	-0.004847	-0.022187	0.000793	0.004056	OK	OK
N+7.44	41	130	DER3	0.004917	0.022619	0.000807	0.00414	OK	OK
N+7.44	41	130	DER3	-0.004847	-0.022187	0.000793	0.004056	OK	OK
N+7.44	41	130	DER4	0.004917	0.022619	0.000807	0.00414	OK	OK
N+7.44	41	130	DER4	-0.004847	-0.022187	0.000793	0.004056	OK	OK
N+7.44	41	130	DER5	0.002388	0.032465	0.0004	0.005972	OK	OK
N+7.44	41	130	DER5	-0.002318	-0.032034	0.000386	0.005888	OK	OK
N+7.44	41	130	DER6	0.002388	0.032465	0.0004	0.005972	OK	OK

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N+7.44	41	130	DER6	-0.002318	-0.032034	0.000386	0.005888	OK	OK
N+7.44	41	130	DER7	0.002388	0.032465	0.0004	0.005972	OK	OK
N+7.44	41	130	DER7	-0.002318	-0.032034	0.000386	0.005888	OK	OK
N+7.44	41	130	DER8	0.002388	0.032465	0.0004	0.005972	OK	OK
N+7.44	41	130	DER8	-0.002318	-0.032034	0.000386	0.005888	OK	OK
N+7.44	42	136	DER1	0.006717	0.011722	0.001191	0.002222	OK	OK
N+7.44	42	136	DER1	-0.006527	-0.011827	0.001153	0.002222	OK	OK
N+7.44	42	136	DER2	0.006717	0.011722	0.001191	0.002222	OK	OK
N+7.44	42	136	DER2	-0.006527	-0.011827	0.001153	0.002222	OK	OK
N+7.44	42	136	DER3	0.006717	0.011722	0.001191	0.002222	OK	OK
N+7.44	42	136	DER3	-0.006527	-0.011827	0.001153	0.002222	OK	OK
N+7.44	42	136	DER4	0.006717	0.011722	0.001191	0.002222	OK	OK
N+7.44	42	136	DER4	-0.006527	-0.011827	0.001153	0.002222	OK	OK
N+7.44	42	136	DER5	0.007656	0.017964	0.001394	0.003387	OK	OK
N+7.44	42	136	DER5	-0.007466	-0.01807	0.001356	0.003408	OK	OK
N+7.44	42	136	DER6	0.007656	0.017964	0.001394	0.003387	OK	OK
N+7.44	42	136	DER6	-0.007466	-0.01807	0.001356	0.003408	OK	OK
N+7.44	42	136	DER7	0.007656	0.017964	0.001394	0.003387	OK	OK
N+7.44	42	136	DER7	-0.007466	-0.01807	0.001356	0.003408	OK	OK
N+7.44	42	136	DER8	0.007656	0.017964	0.001394	0.003387	OK	OK
N+7.44	42	136	DER8	-0.007466	-0.01807	0.001356	0.003408	OK	OK
N+7.44	43	206	DER1	0.006717	0.012296	0.001191	0.002284	OK	OK
N+7.44	43	206	DER1	-0.006527	-0.012148	0.001153	0.002255	OK	OK
N+7.44	43	206	DER2	0.006717	0.012296	0.001191	0.002284	OK	OK
N+7.44	43	206	DER2	-0.006527	-0.012148	0.001153	0.002255	OK	OK
N+7.44	43	206	DER3	0.006717	0.012296	0.001191	0.002284	OK	OK
N+7.44	43	206	DER3	-0.006527	-0.012148	0.001153	0.002255	OK	OK
N+7.44	43	206	DER4	0.006717	0.012296	0.001191	0.002284	OK	OK

N+7.44	43	206	DER4	-0.006527	-0.012148	0.001153	0.002255	OK	OK
N+7.44	43	206	DER5	0.007656	0.019376	0.001394	0.003606	OK	OK
N+7.44	43	206	DER5	-0.007466	-0.019228	0.001356	0.003578	OK	OK
N+7.44	43	206	DER6	0.007656	0.019376	0.001394	0.003606	OK	OK
N+7.44	43	206	DER6	-0.007466	-0.019228	0.001356	0.003578	OK	OK
N+7.44	43	206	DER7	0.007656	0.019376	0.001394	0.003606	OK	OK
N+7.44	43	206	DER7	-0.007466	-0.019228	0.001356	0.003578	OK	OK
N+7.44	43	206	DER8	0.007656	0.019376	0.001394	0.003606	OK	OK
N+7.44	43	206	DER8	-0.007466	-0.019228	0.001356	0.003578	OK	OK
N+7.44	44	128	DER1	0.006741	0.020094	0.001196	0.003683	OK	OK
N+7.44	44	128	DER1	-0.00655	-0.019723	0.001157	0.00361	OK	OK
N+7.44	44	128	DER2	0.006741	0.020094	0.001196	0.003683	OK	OK
N+7.44	44	128	DER2	-0.00655	-0.019723	0.001157	0.00361	OK	OK
N+7.44	44	128	DER3	0.006741	0.020094	0.001196	0.003683	OK	OK
N+7.44	44	128	DER3	-0.00655	-0.019723	0.001157	0.00361	OK	OK
N+7.44	44	128	DER4	0.006741	0.020094	0.001196	0.003683	OK	OK
N+7.44	44	128	DER4	-0.00655	-0.019723	0.001157	0.00361	OK	OK
N+7.44	44	128	DER5	0.007703	0.029211	0.001403	0.00538	OK	OK
N+7.44	44	128	DER5	-0.007512	-0.028841	0.001365	0.005307	OK	OK
N+7.44	44	128	DER6	0.007703	0.029211	0.001403	0.00538	OK	OK
N+7.44	44	128	DER6	-0.007512	-0.028841	0.001365	0.005307	OK	OK
N+7.44	44	128	DER7	0.007703	0.029211	0.001403	0.00538	OK	OK
N+7.44	44	128	DER7	-0.007512	-0.028841	0.001365	0.005307	OK	OK
N+7.44	44	128	DER8	0.007703	0.029211	0.001403	0.00538	OK	OK
N+7.44	44	128	DER8	-0.007512	-0.028841	0.001365	0.005307	OK	OK
N+7.44	45	129	DER1	0.006741	0.022624	0.001196	0.004141	OK	OK
N+7.44	45	129	DER1	-0.00655	-0.022192	0.001157	0.004057	OK	OK
N+7.44	45	129	DER2	0.006741	0.022624	0.001196	0.004141	OK	OK

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N+7.44	45	129	DER2	-0.00655	-0.022192	0.001157	0.004057	OK	OK
N+7.44	45	129	DER3	0.006741	0.022624	0.001196	0.004141	OK	OK
N+7.44	45	129	DER3	-0.00655	-0.022192	0.001157	0.004057	OK	OK
N+7.44	45	129	DER4	0.006741	0.022624	0.001196	0.004141	OK	OK
N+7.44	45	129	DER4	-0.00655	-0.022192	0.001157	0.004057	OK	OK
N+7.44	45	129	DER5	0.007703	0.032472	0.001403	0.005973	OK	OK
N+7.44	45	129	DER5	-0.007512	-0.03204	0.001365	0.005889	OK	OK
N+7.44	45	129	DER6	0.007703	0.032472	0.001403	0.005973	OK	OK
N+7.44	45	129	DER6	-0.007512	-0.03204	0.001365	0.005889	OK	OK
N+7.44	45	129	DER7	0.007703	0.032472	0.001403	0.005973	OK	OK
N+7.44	45	129	DER7	-0.007512	-0.03204	0.001365	0.005889	OK	OK
N+7.44	45	129	DER8	0.007703	0.032472	0.001403	0.005973	OK	OK
N+7.44	45	129	DER8	-0.007512	-0.03204	0.001365	0.005889	OK	OK
N+7.44	46	156	DER1	0.016056	0.011712	0.002958	0.002199	OK	OK
N+7.44	46	156	DER1	-0.015633	-0.011817	0.002873	0.002202	OK	OK
N+7.44	46	156	DER2	0.016056	0.011712	0.002958	0.002199	OK	OK
N+7.44	46	156	DER2	-0.015633	-0.011817	0.002873	0.002202	OK	OK
N+7.44	46	156	DER3	0.016056	0.011712	0.002958	0.002199	OK	OK
N+7.44	46	156	DER3	-0.015633	-0.011817	0.002873	0.002202	OK	OK
N+7.44	46	156	DER4	0.016056	0.011712	0.002958	0.002199	OK	OK
N+7.44	46	156	DER4	-0.015633	-0.011817	0.002873	0.002202	OK	OK
N+7.44	46	156	DER5	0.021983	0.017954	0.004049	0.003385	OK	OK
N+7.44	46	156	DER5	-0.021559	-0.018059	0.003965	0.003406	OK	OK
N+7.44	46	156	DER6	0.021983	0.017954	0.004049	0.003385	OK	OK
N+7.44	46	156	DER6	-0.021559	-0.018059	0.003965	0.003406	OK	OK
N+7.44	46	156	DER7	0.021983	0.017954	0.004049	0.003385	OK	OK
N+7.44	46	156	DER7	-0.021559	-0.018059	0.003965	0.003406	OK	OK
N+7.44	46	156	DER8	0.021983	0.017954	0.004049	0.003385	OK	OK

N+7.44	46	156	DER8	-0.021559	-0.018059	0.003965	0.003406	OK	OK
N+7.44	47	201	DER1	0.016067	0.012284	0.002959	0.002282	OK	OK
N+7.44	47	201	DER1	-0.015643	-0.012137	0.002875	0.002253	OK	OK
N+7.44	47	201	DER2	0.016067	0.012284	0.002959	0.002282	OK	OK
N+7.44	47	201	DER2	-0.015643	-0.012137	0.002875	0.002253	OK	OK
N+7.44	47	201	DER3	0.016067	0.012284	0.002959	0.002282	OK	OK
N+7.44	47	201	DER3	-0.015643	-0.012137	0.002875	0.002253	OK	OK
N+7.44	47	201	DER4	0.016067	0.012284	0.002959	0.002282	OK	OK
N+7.44	47	201	DER4	-0.015643	-0.012137	0.002875	0.002253	OK	OK
N+7.44	47	201	DER5	0.021997	0.019361	0.004052	0.003604	OK	OK
N+7.44	47	201	DER5	-0.021573	-0.019214	0.003968	0.003575	OK	OK
N+7.44	47	201	DER6	0.021997	0.019361	0.004052	0.003604	OK	OK
N+7.44	47	201	DER6	-0.021573	-0.019214	0.003968	0.003575	OK	OK
N+7.44	47	201	DER7	0.021997	0.019361	0.004052	0.003604	OK	OK
N+7.44	47	201	DER7	-0.021573	-0.019214	0.003968	0.003575	OK	OK
N+7.44	47	201	DER8	0.021997	0.019361	0.004052	0.003604	OK	OK
N+7.44	47	201	DER8	-0.021573	-0.019214	0.003968	0.003575	OK	OK
N+7.44	48	203	DER1	0.016077	0.020094	0.002961	0.003683	OK	OK
N+7.44	48	203	DER1	-0.015653	-0.019723	0.002877	0.003601	OK	OK
N+7.44	48	203	DER2	0.016077	0.020094	0.002961	0.003683	OK	OK
N+7.44	48	203	DER2	-0.015653	-0.019723	0.002877	0.003601	OK	OK
N+7.44	48	203	DER3	0.016077	0.020094	0.002961	0.003683	OK	OK
N+7.44	48	203	DER3	-0.015653	-0.019723	0.002877	0.003601	OK	OK
N+7.44	48	203	DER4	0.016077	0.020094	0.002961	0.003683	OK	OK
N+7.44	48	203	DER4	-0.015653	-0.019723	0.002877	0.003601	OK	OK
N+7.44	48	203	DER5	0.022012	0.029211	0.004055	0.005388	OK	OK
N+7.44	48	203	DER5	-0.021588	-0.028841	0.003970	0.005307	OK	OK
N+7.44	48	203	DER6	0.022012	0.029211	0.004055	0.005388	OK	OK

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N+7.44	48	203	DER6	-0.021588	-0.028841	0.00397	0.005307	OK	OK
N+7.44	48	203	DER7	0.022012	0.029211	0.004055	0.00538	OK	OK
N+7.44	48	203	DER7	-0.021588	-0.028841	0.00397	0.005307	OK	OK
N+7.44	48	203	DER8	0.022012	0.029211	0.004055	0.00538	OK	OK
N+7.44	48	203	DER8	-0.021588	-0.028841	0.00397	0.005307	OK	OK
N+7.44	57	151	DER1	0.015964	0.013301	0.00294	0.002486	OK	OK
N+7.44	57	151	DER1	-0.015542	-0.013468	0.002857	0.002519	OK	OK
N+7.44	57	151	DER2	0.015964	0.013301	0.00294	0.002486	OK	OK
N+7.44	57	151	DER2	-0.015542	-0.013468	0.002857	0.002519	OK	OK
N+7.44	57	151	DER3	0.015964	0.013301	0.00294	0.002486	OK	OK
N+7.44	57	151	DER3	-0.015542	-0.013468	0.002857	0.002519	OK	OK
N+7.44	57	151	DER4	0.015964	0.013301	0.00294	0.002486	OK	OK
N+7.44	57	151	DER4	-0.015542	-0.013468	0.002857	0.002519	OK	OK
N+7.44	57	151	DER5	0.021853	0.019683	0.004025	0.003703	OK	OK
N+7.44	57	151	DER5	-0.021431	-0.01985	0.003942	0.003737	OK	OK
N+7.44	57	151	DER6	0.021853	0.019683	0.004025	0.003703	OK	OK
N+7.44	57	151	DER6	-0.021431	-0.01985	0.003942	0.003737	OK	OK
N+7.44	57	151	DER7	0.021853	0.019683	0.004025	0.003703	OK	OK
N+7.44	57	151	DER7	-0.021431	-0.01985	0.003942	0.003737	OK	OK
N+7.44	57	151	DER8	0.021853	0.019683	0.004025	0.003703	OK	OK
N+7.44	57	151	DER8	-0.021431	-0.01985	0.003942	0.003737	OK	OK
N+7.44	51	175	DER1	0.00492	0.010468	0.000808	0.001966	OK	OK
N+7.44	51	175	DER1	-0.00485	-0.01043	0.000794	0.001959	OK	OK
N+7.44	51	175	DER2	0.00492	0.010468	0.000808	0.001966	OK	OK
N+7.44	51	175	DER2	-0.00485	-0.01043	0.000794	0.001959	OK	OK
N+7.44	51	175	DER3	0.00492	0.010468	0.000808	0.001966	OK	OK
N+7.44	51	175	DER3	-0.00485	-0.01043	0.000794	0.001959	OK	OK
N+7.44	51	175	DER4	0.00492	0.010468	0.000808	0.001966	OK	OK

N+7.44	51	175	DER4	-0.00485	-0.01043	0.000794	0.001959	OK	OK
N+7.44	51	175	DER5	0.002392	0.016995	0.000401	0.003192	OK	OK
N+7.44	51	175	DER5	-0.002322	-0.016956	0.000387	0.003185	OK	OK
N+7.44	51	175	DER6	0.002392	0.016995	0.000401	0.003192	OK	OK
N+7.44	51	175	DER6	-0.002322	-0.016956	0.000387	0.003185	OK	OK
N+7.44	51	175	DER7	0.002392	0.016995	0.000401	0.003192	OK	OK
N+7.44	51	175	DER7	-0.002322	-0.016956	0.000387	0.003185	OK	OK
N+7.44	51	175	DER8	0.002392	0.016995	0.000401	0.003192	OK	OK
N+7.44	51	175	DER8	-0.002322	-0.016956	0.000387	0.003185	OK	OK
N+7.44	60	137	DER1	0.006717	0.010468	0.001191	0.001966	OK	OK
N+7.44	60	137	DER1	-0.006527	-0.01043	0.001153	0.001959	OK	OK
N+7.44	60	137	DER2	0.006717	0.010468	0.001191	0.001966	OK	OK
N+7.44	60	137	DER2	-0.006527	-0.01043	0.001153	0.001959	OK	OK
N+7.44	60	137	DER3	0.006717	0.010468	0.001191	0.001966	OK	OK
N+7.44	60	137	DER3	-0.006527	-0.01043	0.001153	0.001959	OK	OK
N+7.44	60	137	DER4	0.006717	0.010468	0.001191	0.001966	OK	OK
N+7.44	60	137	DER4	-0.006527	-0.01043	0.001153	0.001959	OK	OK
N+7.44	60	137	DER5	0.007656	0.016995	0.001394	0.003192	OK	OK
N+7.44	60	137	DER5	-0.007466	-0.016956	0.001356	0.003185	OK	OK
N+7.44	60	137	DER6	0.007656	0.016995	0.001394	0.003192	OK	OK
N+7.44	60	137	DER6	-0.007466	-0.016956	0.001356	0.003185	OK	OK
N+7.44	60	137	DER7	0.007656	0.016995	0.001394	0.003192	OK	OK
N+7.44	60	137	DER7	-0.007466	-0.016956	0.001356	0.003185	OK	OK
N+7.44	60	137	DER8	0.007656	0.016995	0.001394	0.003192	OK	OK
N+7.44	60	137	DER8	-0.007466	-0.016956	0.001356	0.003185	OK	OK
N+7.44	95	199	DER1	0.004846	0.010424	0.000803	0.001963	OK	OK
N+7.44	95	199	DER1	-0.004747	-0.010435	0.000783	0.001965	OK	OK
N+7.44	95	199	DER2	0.004846	0.010424	0.000803	0.001963	OK	OK

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N+7.44	95	199	DER2	-0.004747	-0.010435	0.000783	0.001965	OK	OK
N+7.44	95	199	DER3	0.004846	0.010424	0.000803	0.001963	OK	OK
N+7.44	95	199	DER3	-0.004747	-0.010435	0.000783	0.001965	OK	OK
N+7.44	95	199	DER4	0.004846	0.010424	0.000803	0.001963	OK	OK
N+7.44	95	199	DER4	-0.004747	-0.010435	0.000783	0.001965	OK	OK
N+7.44	95	199	DER5	0.002808	0.016782	0.000483	0.003161	OK	OK
N+7.44	95	199	DER5	-0.002709	-0.016793	0.000462	0.003163	OK	OK
N+7.44	95	199	DER6	0.002808	0.016782	0.000483	0.003161	OK	OK
N+7.44	95	199	DER6	-0.002709	-0.016793	0.000462	0.003163	OK	OK
N+7.44	95	199	DER7	0.002808	0.016782	0.000483	0.003161	OK	OK
N+7.44	95	199	DER7	-0.002709	-0.016793	0.000462	0.003163	OK	OK
N+7.44	95	199	DER8	0.002808	0.016782	0.000483	0.003161	OK	OK
N+7.44	95	199	DER8	-0.002709	-0.016793	0.000462	0.003163	OK	OK
N+7.44	96	200	DER1	0.005536	0.010424	0.000951	0.001963	OK	OK
N+7.44	96	200	DER1	-0.005392	-0.010435	0.000922	0.001965	OK	OK
N+7.44	96	200	DER2	0.005536	0.010424	0.000951	0.001963	OK	OK
N+7.44	96	200	DER2	-0.005392	-0.010435	0.000922	0.001965	OK	OK
N+7.44	96	200	DER3	0.005536	0.010424	0.000951	0.001963	OK	OK
N+7.44	96	200	DER3	-0.005392	-0.010435	0.000922	0.001965	OK	OK
N+7.44	96	200	DER4	0.005536	0.010424	0.000951	0.001963	OK	OK
N+7.44	96	200	DER4	-0.005392	-0.010435	0.000922	0.001965	OK	OK
N+7.44	96	200	DER5	0.005072	0.016782	0.00091	0.003161	OK	OK
N+7.44	96	200	DER5	-0.004928	-0.016793	0.000881	0.003163	OK	OK
N+7.44	96	200	DER6	0.005072	0.016782	0.00091	0.003161	OK	OK
N+7.44	96	200	DER6	-0.004928	-0.016793	0.000881	0.003163	OK	OK
N+7.44	96	200	DER7	0.005072	0.016782	0.00091	0.003161	OK	OK
N+7.44	96	200	DER7	-0.004928	-0.016793	0.000881	0.003163	OK	OK
N+7.44	96	200	DER8	0.005072	0.016782	0.00091	0.003161	OK	OK

N+7.44	96	200	DER8	-0.004928	-0.016793	0.000881	0.003163	OK	OK
N+7.44	3	72	DER1	0.005165	0.010468	0.000873	0.001966	OK	OK
N+7.44	3	72	DER1	-0.005041	-0.01043	0.000848	0.001959	OK	OK
N+7.44	3	72	DER2	0.005165	0.010468	0.000873	0.001966	OK	OK
N+7.44	3	72	DER2	-0.005041	-0.01043	0.000848	0.001959	OK	OK
N+7.44	3	72	DER3	0.005165	0.010468	0.000873	0.001966	OK	OK
N+7.44	3	72	DER3	-0.005041	-0.01043	0.000848	0.001959	OK	OK
N+7.44	3	72	DER4	0.005165	0.010468	0.000873	0.001966	OK	OK
N+7.44	3	72	DER4	-0.005041	-0.01043	0.000848	0.001959	OK	OK
N+7.44	3	72	DER5	0.004017	0.016995	0.000712	0.003192	OK	OK
N+7.44	3	72	DER5	-0.003892	-0.016956	0.000687	0.003185	OK	OK
N+7.44	3	72	DER6	0.004017	0.016995	0.000712	0.003192	OK	OK
N+7.44	3	72	DER6	-0.003892	-0.016956	0.000687	0.003185	OK	OK
N+7.44	3	72	DER7	0.004017	0.016995	0.000712	0.003192	OK	OK
N+7.44	3	72	DER7	-0.003892	-0.016956	0.000687	0.003185	OK	OK
N+7.44	3	72	DER8	0.004017	0.016995	0.000712	0.003192	OK	OK
N+7.44	3	72	DER8	-0.003892	-0.016956	0.000687	0.003185	OK	OK
N+7.44	13	88	DER1	0.005406	0.011707	0.000924	0.002198	OK	OK
N+7.44	13	88	DER1	-0.005268	-0.011811	0.000896	0.002219	OK	OK
N+7.44	13	88	DER2	0.005406	0.011707	0.000924	0.002198	OK	OK
N+7.44	13	88	DER2	-0.005268	-0.011811	0.000896	0.002219	OK	OK
N+7.44	13	88	DER3	0.005406	0.011707	0.000924	0.002198	OK	OK
N+7.44	13	88	DER3	-0.005268	-0.011811	0.000896	0.002219	OK	OK
N+7.44	13	88	DER4	0.005406	0.011707	0.000924	0.002198	OK	OK
N+7.44	13	88	DER4	-0.005268	-0.011811	0.000896	0.002219	OK	OK
N+7.44	13	88	DER5	0.004724	0.017949	0.000845	0.003384	OK	OK
N+7.44	13	88	DER5	-0.004586	-0.018053	0.000817	0.003405	OK	OK
N+7.44	13	88	DER6	0.004724	0.017949	0.000845	0.003384	OK	OK

N+7.44	13	88	DER6	-0.004586	-0.018053	0.000817	0.003405	OK	OK
N+7.44	13	88	DER7	0.004724	0.017949	0.000845	0.003384	OK	OK
N+7.44	13	88	DER7	-0.004586	-0.018053	0.000817	0.003405	OK	OK
N+7.44	13	88	DER8	0.004724	0.017949	0.000845	0.003384	OK	OK
N+7.44	13	88	DER8	-0.004586	-0.018053	0.000817	0.003405	OK	OK
N+7.44	28	47	DER1	0.013538	0.020094	0.00249	0.003683	OK	OK
N+7.44	28	47	DER1	-0.013172	-0.019723	0.002417	0.00361	OK	OK
N+7.44	28	47	DER2	0.013538	0.020094	0.00249	0.003683	OK	OK
N+7.44	28	47	DER2	-0.013172	-0.019723	0.002417	0.00361	OK	OK
N+7.44	28	47	DER3	0.013538	0.020094	0.00249	0.003683	OK	OK
N+7.44	28	47	DER3	-0.013172	-0.019723	0.002417	0.00361	OK	OK
N+7.44	28	47	DER4	0.013538	0.020094	0.00249	0.003683	OK	OK
N+7.44	28	47	DER4	-0.013172	-0.019723	0.002417	0.00361	OK	OK
N+7.44	28	47	DER5	0.018403	0.029211	0.003388	0.005358	OK	OK
N+7.44	28	47	DER5	-0.018036	-0.028841	0.003316	0.005307	OK	OK
N+7.44	28	47	DER6	0.018403	0.029211	0.003388	0.005358	OK	OK
N+7.44	28	47	DER6	-0.018036	-0.028841	0.003316	0.005307	OK	OK
N+7.44	28	47	DER7	0.018403	0.029211	0.003388	0.005358	OK	OK
N+7.44	28	47	DER7	-0.018036	-0.028841	0.003316	0.005307	OK	OK
N+7.44	28	47	DER8	0.018403	0.029211	0.003388	0.005358	OK	OK
N+7.44	28	47	DER8	-0.018036	-0.028841	0.003316	0.005307	OK	OK
N+4.07	19	37	DER1	0.002678	0.004947	0.000658	0.001216	OK	OK
N+4.07	19	37	DER1	-0.002619	-0.005002	0.000643	0.001229	OK	OK
N+4.07	19	37	DER2	0.002678	0.004947	0.000658	0.001216	OK	OK
N+4.07	19	37	DER2	-0.002619	-0.005002	0.000643	0.001229	OK	OK
N+4.07	19	37	DER3	0.002678	0.004947	0.000658	0.001216	OK	OK
N+4.07	19	37	DER3	-0.002619	-0.005002	0.000643	0.001229	OK	OK
N+4.07	19	37	DER4	0.002678	0.004947	0.000658	0.001216	OK	OK

N +4.07	19	37	DER4	-0.002619	-0.005002	0.000643	0.001229	OK	OK
N +4.07	19	37	DER5	0.002846	0.007227	0.000699	0.001776	OK	OK
N +4.07	19	37	DER5	-0.002786	-0.007281	0.000685	0.001789	OK	OK
N +4.07	19	37	DER6	0.002846	0.007227	0.000699	0.001776	OK	OK
N +4.07	19	37	DER6	-0.002786	-0.007281	0.000685	0.001789	OK	OK
N +4.07	19	37	DER7	0.002846	0.007227	0.000699	0.001776	OK	OK
N +4.07	19	37	DER7	-0.002786	-0.007281	0.000685	0.001789	OK	OK
N +4.07	19	37	DER8	0.002846	0.007227	0.000699	0.001776	OK	OK
N +4.07	19	37	DER8	-0.002786	-0.007281	0.000685	0.001789	OK	OK
N +4.07	20	38	DER1	0.002211	0.004947	0.000543	0.001216	OK	OK
N +4.07	20	38	DER1	-0.002175	-0.005002	0.000534	0.001229	OK	OK
N +4.07	20	38	DER2	0.002211	0.004947	0.000543	0.001216	OK	OK
N +4.07	20	38	DER2	-0.002175	-0.005002	0.000534	0.001229	OK	OK
N +4.07	20	38	DER3	0.002211	0.004947	0.000543	0.001216	OK	OK
N +4.07	20	38	DER3	-0.002175	-0.005002	0.000534	0.001229	OK	OK
N +4.07	20	38	DER4	0.002211	0.004947	0.000543	0.001216	OK	OK
N +4.07	20	38	DER4	-0.002175	-0.005002	0.000534	0.001229	OK	OK
N +4.07	20	38	DER5	0.001473	0.007227	0.000362	0.001776	OK	OK
N +4.07	20	38	DER5	-0.001437	-0.007281	0.000353	0.001789	OK	OK
N +4.07	20	38	DER6	0.001473	0.007227	0.000362	0.001776	OK	OK
N +4.07	20	38	DER6	-0.001437	-0.007281	0.000353	0.001789	OK	OK
N +4.07	20	38	DER7	0.001473	0.007227	0.000362	0.001776	OK	OK
N +4.07	20	38	DER7	-0.001437	-0.007281	0.000353	0.001789	OK	OK
N +4.07	20	38	DER8	0.001473	0.007227	0.000362	0.001776	OK	OK
N +4.07	20	38	DER8	-0.001437	-0.007281	0.000353	0.001789	OK	OK
N +4.07	23	45	DER1	0.002164	0.004026	0.000532	0.000989	OK	OK
N +4.07	23	45	DER1	-0.002133	-0.004046	0.000524	0.000994	OK	OK
N +4.07	23	45	DER2	0.002164	0.004026	0.000532	0.000989	OK	OK

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N +4.07	23	45	DER2	-0.002133	-0.004046	0.000524	0.000994	OK	OK
N +4.07	23	45	DER3	0.002164	0.004026	0.000532	0.000989	OK	OK
N +4.07	23	45	DER3	-0.002133	-0.004046	0.000524	0.000994	OK	OK
N +4.07	23	45	DER4	0.002164	0.004026	0.000532	0.000989	OK	OK
N +4.07	23	45	DER4	-0.002133	-0.004046	0.000524	0.000994	OK	OK
N +4.07	23	45	DER5	0.001202	0.006289	0.000295	0.001545	OK	OK
N +4.07	23	45	DER5	-0.001171	-0.006309	0.000288	0.00155	OK	OK
N +4.07	23	45	DER6	0.001202	0.006289	0.000295	0.001545	OK	OK
N +4.07	23	45	DER6	-0.001171	-0.006309	0.000288	0.00155	OK	OK
N +4.07	23	45	DER7	0.001202	0.006289	0.000295	0.001545	OK	OK
N +4.07	23	45	DER7	-0.001171	-0.006309	0.000288	0.00155	OK	OK
N +4.07	23	45	DER8	0.001202	0.006289	0.000295	0.001545	OK	OK
N +4.07	23	45	DER8	-0.001171	-0.006309	0.000288	0.00155	OK	OK
N +4.07	26	51	DER1	0.002362	0.004026	0.00058	0.000989	OK	OK
N +4.07	26	51	DER1	-0.002315	-0.004046	0.000569	0.000994	OK	OK
N +4.07	26	51	DER2	0.002362	0.004026	0.00058	0.000989	OK	OK
N +4.07	26	51	DER2	-0.002315	-0.004046	0.000569	0.000994	OK	OK
N +4.07	26	51	DER3	0.002362	0.004026	0.00058	0.000989	OK	OK
N +4.07	26	51	DER3	-0.002315	-0.004046	0.000569	0.000994	OK	OK
N +4.07	26	51	DER4	0.002362	0.004026	0.00058	0.000989	OK	OK
N +4.07	26	51	DER4	-0.002315	-0.004046	0.000569	0.000994	OK	OK
N +4.07	26	51	DER5	0.002026	0.006289	0.000498	0.001545	OK	OK
N +4.07	26	51	DER5	-0.00198	-0.006309	0.000486	0.00155	OK	OK
N +4.07	26	51	DER6	0.002026	0.006289	0.000498	0.001545	OK	OK
N +4.07	26	51	DER6	-0.00198	-0.006309	0.000486	0.00155	OK	OK
N +4.07	26	51	DER7	0.002026	0.006289	0.000498	0.001545	OK	OK
N +4.07	26	51	DER7	-0.00198	-0.006309	0.000486	0.00155	OK	OK
N +4.07	26	51	DER8	0.002026	0.006289	0.000498	0.001545	OK	OK

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N +4.07	26	51	DER8	-0.00198	-0.006309	0.000486	0.00155	OK	OK
N +4.07	24	93	DER1	0.006038	0.00495	0.001484	0.001216	OK	OK
N +4.07	24	93	DER1	-0.0059	-0.005004	0.00145	0.00123	OK	OK
N +4.07	24	93	DER2	0.006038	0.00495	0.001484	0.001216	OK	OK
N +4.07	24	93	DER2	-0.0059	-0.005004	0.00145	0.00123	OK	OK
N +4.07	24	93	DER3	0.006038	0.00495	0.001484	0.001216	OK	OK
N +4.07	24	93	DER3	-0.0059	-0.005004	0.00145	0.00123	OK	OK
N +4.07	24	93	DER4	0.006038	0.00495	0.001484	0.001216	OK	OK
N +4.07	24	93	DER4	-0.0059	-0.005004	0.00145	0.00123	OK	OK
N +4.07	24	93	DER5	0.008256	0.00723	0.002028	0.001776	OK	OK
N +4.07	24	93	DER5	-0.008118	-0.007284	0.001995	0.00179	OK	OK
N +4.07	24	93	DER6	0.008256	0.00723	0.002028	0.001776	OK	OK
N +4.07	24	93	DER6	-0.008118	-0.007284	0.001995	0.00179	OK	OK
N +4.07	24	93	DER7	0.008256	0.00723	0.002028	0.001776	OK	OK
N +4.07	24	93	DER7	-0.008118	-0.007284	0.001995	0.00179	OK	OK
N +4.07	24	93	DER8	0.008256	0.00723	0.002028	0.001776	OK	OK
N +4.07	24	93	DER8	-0.008118	-0.007284	0.001995	0.00179	OK	OK
N +4.07	32	92	DER1	0.005177	0.00495	0.001272	0.001216	OK	OK
N +4.07	32	92	DER1	-0.005057	-0.005004	0.001242	0.00123	OK	OK
N +4.07	32	92	DER2	0.005177	0.00495	0.001272	0.001216	OK	OK
N +4.07	32	92	DER2	-0.005057	-0.005004	0.001242	0.00123	OK	OK
N +4.07	32	92	DER3	0.005177	0.00495	0.001272	0.001216	OK	OK
N +4.07	32	92	DER3	-0.005057	-0.005004	0.001242	0.00123	OK	OK
N +4.07	32	92	DER4	0.005177	0.00495	0.001272	0.001216	OK	OK
N +4.07	32	92	DER4	-0.005057	-0.005004	0.001242	0.00123	OK	OK
N +4.07	32	92	DER5	0.007016	0.00723	0.001724	0.001776	OK	OK
N +4.07	32	92	DER5	-0.006895	-0.007284	0.001694	0.00179	OK	OK
N +4.07	32	92	DER6	0.007016	0.00723	0.001724	0.001776	OK	OK

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N +4.07	32	92	DER6	-0.006895	-0.007284	0.001694	0.00179	OK	OK
N +4.07	32	92	DER7	0.007016	0.00723	0.001724	0.001776	OK	OK
N +4.07	32	92	DER7	-0.006895	-0.007284	0.001694	0.00179	OK	OK
N +4.07	32	92	DER8	0.007016	0.00723	0.001724	0.001776	OK	OK
N +4.07	32	92	DER8	-0.006895	-0.007284	0.001694	0.00179	OK	OK
N +4.07	33	94	DER1	0.003618	0.00388	0.000889	0.000953	OK	OK
N +4.07	33	94	DER1	-0.003633	-0.003889	0.000893	0.000955	OK	OK
N +4.07	33	94	DER2	0.003618	0.00388	0.000889	0.000953	OK	OK
N +4.07	33	94	DER2	-0.003633	-0.003889	0.000893	0.000955	OK	OK
N +4.07	33	94	DER3	0.003618	0.00388	0.000889	0.000953	OK	OK
N +4.07	33	94	DER3	-0.003633	-0.003889	0.000893	0.000955	OK	OK
N +4.07	33	94	DER4	0.003618	0.00388	0.000889	0.000953	OK	OK
N +4.07	33	94	DER4	-0.003633	-0.003889	0.000893	0.000955	OK	OK
N +4.07	33	94	DER5	0.003323	0.006174	0.000817	0.001517	OK	OK
N +4.07	33	94	DER5	-0.003339	-0.006183	0.00082	0.001519	OK	OK
N +4.07	33	94	DER6	0.003323	0.006174	0.000817	0.001517	OK	OK
N +4.07	33	94	DER6	-0.003339	-0.006183	0.00082	0.001519	OK	OK
N +4.07	33	94	DER7	0.003323	0.006174	0.000817	0.001517	OK	OK
N +4.07	33	94	DER7	-0.003339	-0.006183	0.00082	0.001519	OK	OK
N +4.07	33	94	DER8	0.003323	0.006174	0.000817	0.001517	OK	OK
N +4.07	33	94	DER8	-0.003339	-0.006183	0.00082	0.001519	OK	OK
N +4.07	34	95	DER1	0.003614	0.004631	0.000888	0.001138	OK	OK
N +4.07	34	95	DER1	-0.00363	-0.004579	0.000892	0.001125	OK	OK
N +4.07	34	95	DER2	0.003614	0.004631	0.000888	0.001138	OK	OK
N +4.07	34	95	DER2	-0.00363	-0.004579	0.000892	0.001125	OK	OK
N +4.07	34	95	DER3	0.003614	0.004631	0.000888	0.001138	OK	OK
N +4.07	34	95	DER3	-0.00363	-0.004579	0.000892	0.001125	OK	OK
N +4.07	34	95	DER4	0.003614	0.004631	0.000888	0.001138	OK	OK

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N +4.07	34	95	DER4	-0.00363	-0.004579	0.000892	0.001125	OK	OK
N +4.07	34	95	DER5	0.003318	0.007255	0.000815	0.001782	OK	OK
N +4.07	34	95	DER5	-0.003333	-0.007203	0.000819	0.00177	OK	OK
N +4.07	34	95	DER6	0.003318	0.007255	0.000815	0.001782	OK	OK
N +4.07	34	95	DER6	-0.003333	-0.007203	0.000819	0.00177	OK	OK
N +4.07	34	95	DER7	0.003318	0.007255	0.000815	0.001782	OK	OK
N +4.07	34	95	DER7	-0.003333	-0.007203	0.000819	0.00177	OK	OK
N +4.07	34	95	DER8	0.003318	0.007255	0.000815	0.001782	OK	OK
N +4.07	34	95	DER8	-0.003333	-0.007203	0.000819	0.00177	OK	OK
N +4.07	35	96	DER1	0.003607	0.007853	0.000886	0.001933	OK	OK
N +4.07	35	96	DER1	-0.003622	-0.007725	0.00089	0.001898	OK	OK
N +4.07	35	96	DER2	0.003607	0.007853	0.000886	0.001933	OK	OK
N +4.07	35	96	DER2	-0.003622	-0.007725	0.00089	0.001898	OK	OK
N +4.07	35	96	DER3	0.003607	0.007853	0.000886	0.001933	OK	OK
N +4.07	35	96	DER3	-0.003622	-0.007725	0.00089	0.001898	OK	OK
N +4.07	35	96	DER4	0.003607	0.007853	0.000886	0.001933	OK	OK
N +4.07	35	96	DER4	-0.003622	-0.007725	0.00089	0.001898	OK	OK
N +4.07	35	96	DER5	0.003307	0.011285	0.000813	0.002773	OK	OK
N +4.07	35	96	DER5	-0.003323	-0.011157	0.000816	0.002741	OK	OK
N +4.07	35	96	DER6	0.003307	0.011285	0.000813	0.002773	OK	OK
N +4.07	35	96	DER6	-0.003323	-0.011157	0.000816	0.002741	OK	OK
N +4.07	35	96	DER7	0.003307	0.011285	0.000813	0.002773	OK	OK
N +4.07	35	96	DER7	-0.003323	-0.011157	0.000816	0.002741	OK	OK
N +4.07	35	96	DER8	0.003307	0.011285	0.000813	0.002773	OK	OK
N +4.07	35	96	DER8	-0.003323	-0.011157	0.000816	0.002741	OK	OK
N +4.07	37	98	DER1	0.003611	0.008754	0.000887	0.002151	OK	OK
N +4.07	37	98	DER1	-0.003626	-0.008608	0.000891	0.002115	OK	OK
N +4.07	37	98	DER2	0.003611	0.008754	0.000887	0.002151	OK	OK

N +4.07	37	98	DER2	-0.003626	-0.008608	0.000891	0.002115	OK	OK
N +4.07	37	98	DER3	0.003611	0.008754	0.000887	0.002151	OK	OK
N +4.07	37	98	DER3	-0.003626	-0.008608	0.000891	0.002115	OK	OK
N +4.07	37	98	DER4	0.003611	0.008754	0.000887	0.002151	OK	OK
N +4.07	37	98	DER4	-0.003626	-0.008608	0.000891	0.002115	OK	OK
N +4.07	37	98	DER5	0.003313	0.012435	0.000814	0.003055	OK	OK
N +4.07	37	98	DER5	-0.003328	-0.012288	0.000818	0.003019	OK	OK
N +4.07	37	98	DER6	0.003313	0.012435	0.000814	0.003055	OK	OK
N +4.07	37	98	DER6	-0.003328	-0.012288	0.000818	0.003019	OK	OK
N +4.07	37	98	DER7	0.003313	0.012435	0.000814	0.003055	OK	OK
N +4.07	37	98	DER7	-0.003328	-0.012288	0.000818	0.003019	OK	OK
N +4.07	37	98	DER8	0.003313	0.012435	0.000814	0.003055	OK	OK
N +4.07	37	98	DER8	-0.003328	-0.012288	0.000818	0.003019	OK	OK
N +4.07	38	99	DER1	0.002225	0.00432	0.000547	0.001062	OK	OK
N +4.07	38	99	DER1	-0.002203	-0.004354	0.000541	0.001067	OK	OK
N +4.07	38	99	DER2	0.002225	0.00432	0.000547	0.001062	OK	OK
N +4.07	38	99	DER2	-0.002203	-0.004354	0.000541	0.001067	OK	OK
N +4.07	38	99	DER3	0.002225	0.00432	0.000547	0.001062	OK	OK
N +4.07	38	99	DER3	-0.002203	-0.004354	0.000541	0.001067	OK	OK
N +4.07	38	99	DER4	0.002225	0.00432	0.000547	0.001062	OK	OK
N +4.07	38	99	DER4	-0.002203	-0.004354	0.000541	0.001067	OK	OK
N +4.07	38	99	DER5	0.001067	0.006566	0.000262	0.001613	OK	OK
N +4.07	38	99	DER5	-0.001046	-0.0066	0.000257	0.001622	OK	OK
N +4.07	38	99	DER6	0.001067	0.006566	0.000262	0.001613	OK	OK
N +4.07	38	99	DER6	-0.001046	-0.0066	0.000257	0.001622	OK	OK
N +4.07	38	99	DER7	0.001067	0.006566	0.000262	0.001613	OK	OK
N +4.07	38	99	DER7	-0.001046	-0.0066	0.000257	0.001622	OK	OK
N +4.07	38	99	DER8	0.001067	0.006566	0.000262	0.001613	OK	OK

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N +4.07	38	99	DER8	-0.001046	-0.0066	0.000257	0.001622	OK	OK
N +4.07	39	100	DER1	0.00222	0.004637	0.000545	0.001139	OK	OK
N +4.07	39	100	DER1	-0.002198	-0.004585	0.00054	0.001127	OK	OK
N +4.07	39	100	DER2	0.00222	0.004637	0.000545	0.001139	OK	OK
N +4.07	39	100	DER2	-0.002198	-0.004585	0.00054	0.001127	OK	OK
N +4.07	39	100	DER3	0.00222	0.004637	0.000545	0.001139	OK	OK
N +4.07	39	100	DER3	-0.002198	-0.004585	0.00054	0.001127	OK	OK
N +4.07	39	100	DER4	0.00222	0.004637	0.000545	0.001139	OK	OK
N +4.07	39	100	DER4	-0.002198	-0.004585	0.00054	0.001127	OK	OK
N +4.07	39	100	DER5	0.001061	0.007262	0.000261	0.001784	OK	OK
N +4.07	39	100	DER5	-0.00104	-0.007211	0.000255	0.001772	OK	OK
N +4.07	39	100	DER6	0.001061	0.007262	0.000261	0.001784	OK	OK
N +4.07	39	100	DER6	-0.00104	-0.007211	0.000255	0.001772	OK	OK
N +4.07	39	100	DER7	0.001061	0.007262	0.000261	0.001784	OK	OK
N +4.07	39	100	DER7	-0.00104	-0.007211	0.000255	0.001772	OK	OK
N +4.07	39	100	DER8	0.001061	0.007262	0.000261	0.001784	OK	OK
N +4.07	39	100	DER8	-0.00104	-0.007211	0.000255	0.001772	OK	OK
N +4.07	40	101	DER1	0.002218	0.007748	0.000545	0.001904	OK	OK
N +4.07	40	101	DER1	-0.002197	-0.007622	0.00054	0.001873	OK	OK
N +4.07	40	101	DER2	0.002218	0.007748	0.000545	0.001904	OK	OK
N +4.07	40	101	DER2	-0.002197	-0.007622	0.00054	0.001873	OK	OK
N +4.07	40	101	DER3	0.002218	0.007748	0.000545	0.001904	OK	OK
N +4.07	40	101	DER3	-0.002197	-0.007622	0.00054	0.001873	OK	OK
N +4.07	40	101	DER4	0.002218	0.007748	0.000545	0.001904	OK	OK
N +4.07	40	101	DER4	-0.002197	-0.007622	0.00054	0.001873	OK	OK
N +4.07	40	101	DER5	0.00106	0.011151	0.00026	0.002744	OK	OK
N +4.07	40	101	DER5	-0.001038	-0.011025	0.000255	0.002709	OK	OK
N +4.07	40	101	DER6	0.00106	0.011151	0.00026	0.002744	OK	OK

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N +4.07	40	101	DER6	-0.001038	-0.011025	0.000255	0.002709	OK	OK
N +4.07	40	101	DER7	0.00106	0.011151	0.00026	0.00274	OK	OK
N +4.07	40	101	DER7	-0.001038	-0.011025	0.000255	0.002709	OK	OK
N +4.07	40	101	DER8	0.00106	0.011151	0.00026	0.00274	OK	OK
N +4.07	40	101	DER8	-0.001038	-0.011025	0.000255	0.002709	OK	OK
N +4.07	41	102	DER1	0.002221	0.008743	0.000546	0.002148	OK	OK
N +4.07	41	102	DER1	-0.002199	-0.008596	0.00054	0.002112	OK	OK
N +4.07	41	102	DER2	0.002221	0.008743	0.000546	0.002148	OK	OK
N +4.07	41	102	DER2	-0.002199	-0.008596	0.00054	0.002112	OK	OK
N +4.07	41	102	DER3	0.002221	0.008743	0.000546	0.002148	OK	OK
N +4.07	41	102	DER3	-0.002199	-0.008596	0.00054	0.002112	OK	OK
N +4.07	41	102	DER4	0.002221	0.008743	0.000546	0.002148	OK	OK
N +4.07	41	102	DER4	-0.002199	-0.008596	0.00054	0.002112	OK	OK
N +4.07	41	102	DER5	0.001062	0.01242	0.000261	0.003052	OK	OK
N +4.07	41	102	DER5	-0.001041	-0.012274	0.000256	0.003016	OK	OK
N +4.07	41	102	DER6	0.001062	0.01242	0.000261	0.003052	OK	OK
N +4.07	41	102	DER6	-0.001041	-0.012274	0.000256	0.003016	OK	OK
N +4.07	41	102	DER7	0.001062	0.01242	0.000261	0.003052	OK	OK
N +4.07	41	102	DER7	-0.001041	-0.012274	0.000256	0.003016	OK	OK
N +4.07	41	102	DER8	0.001062	0.01242	0.000261	0.003052	OK	OK
N +4.07	41	102	DER8	-0.001041	-0.012274	0.000256	0.003016	OK	OK
N +4.07	42	103	DER1	0.002741	0.004326	0.000673	0.001063	OK	OK
N +4.07	42	103	DER1	-0.002679	-0.00436	0.000658	0.001071	OK	OK
N +4.07	42	103	DER2	0.002741	0.004326	0.000673	0.001063	OK	OK
N +4.07	42	103	DER2	-0.002679	-0.00436	0.000658	0.001071	OK	OK
N +4.07	42	103	DER3	0.002741	0.004326	0.000673	0.001063	OK	OK
N +4.07	42	103	DER3	-0.002679	-0.00436	0.000658	0.001071	OK	OK
N +4.07	42	103	DER4	0.002741	0.004326	0.000673	0.001063	OK	OK

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N +4.07	42	103	DER4	-0.002679	-0.00436	0.000658	0.001071	OK	OK
N +4.07	42	103	DER5	0.002985	0.006572	0.000733	0.001615	OK	OK
N +4.07	42	103	DER5	-0.002923	-0.006606	0.000718	0.001623	OK	OK
N +4.07	42	103	DER6	0.002985	0.006572	0.000733	0.001615	OK	OK
N +4.07	42	103	DER6	-0.002923	-0.006606	0.000718	0.001623	OK	OK
N +4.07	42	103	DER7	0.002985	0.006572	0.000733	0.001615	OK	OK
N +4.07	42	103	DER7	-0.002923	-0.006606	0.000718	0.001623	OK	OK
N +4.07	42	103	DER8	0.002985	0.006572	0.000733	0.001615	OK	OK
N +4.07	42	103	DER8	-0.002923	-0.006606	0.000718	0.001623	OK	OK
N +4.07	43	104	DER1	0.002741	0.004634	0.000673	0.001139	OK	OK
N +4.07	43	104	DER1	-0.002679	-0.004583	0.000658	0.001126	OK	OK
N +4.07	43	104	DER2	0.002741	0.004634	0.000673	0.001139	OK	OK
N +4.07	43	104	DER2	-0.002679	-0.004583	0.000658	0.001126	OK	OK
N +4.07	43	104	DER3	0.002741	0.004634	0.000673	0.001139	OK	OK
N +4.07	43	104	DER3	-0.002679	-0.004583	0.000658	0.001126	OK	OK
N +4.07	43	104	DER4	0.002741	0.004634	0.000673	0.001139	OK	OK
N +4.07	43	104	DER4	-0.002679	-0.004583	0.000658	0.001126	OK	OK
N +4.07	43	104	DER5	0.002985	0.007259	0.000733	0.001784	OK	OK
N +4.07	43	104	DER5	-0.002923	-0.007208	0.000718	0.001771	OK	OK
N +4.07	43	104	DER6	0.002985	0.007259	0.000733	0.001784	OK	OK
N +4.07	43	104	DER6	-0.002923	-0.007208	0.000718	0.001771	OK	OK
N +4.07	43	104	DER7	0.002985	0.007259	0.000733	0.001784	OK	OK
N +4.07	43	104	DER7	-0.002923	-0.007208	0.000718	0.001771	OK	OK
N +4.07	43	104	DER8	0.002985	0.007259	0.000733	0.001784	OK	OK
N +4.07	43	104	DER8	-0.002923	-0.007208	0.000718	0.001771	OK	OK
N +4.07	44	105	DER1	0.002749	0.00775	0.000675	0.001904	OK	OK
N +4.07	44	105	DER1	-0.002687	-0.007624	0.00066	0.001873	OK	OK
N +4.07	44	105	DER2	0.002749	0.00775	0.000675	0.001904	OK	OK

N +4.07	44	105	DER2	-0.002687	-0.007624	0.00066	0.001873	OK	OK
N +4.07	44	105	DER3	0.002749	0.00775	0.000675	0.001904	OK	OK
N +4.07	44	105	DER3	-0.002687	-0.007624	0.00066	0.001873	OK	OK
N +4.07	44	105	DER4	0.002749	0.00775	0.000675	0.001904	OK	OK
N +4.07	44	105	DER4	-0.002687	-0.007624	0.00066	0.001873	OK	OK
N +4.07	44	105	DER5	0.003002	0.011153	0.000738	0.00274	OK	OK
N +4.07	44	105	DER5	-0.00294	-0.011027	0.000722	0.002709	OK	OK
N +4.07	44	105	DER6	0.003002	0.011153	0.000738	0.00274	OK	OK
N +4.07	44	105	DER6	-0.00294	-0.011027	0.000722	0.002709	OK	OK
N +4.07	44	105	DER7	0.003002	0.011153	0.000738	0.00274	OK	OK
N +4.07	44	105	DER7	-0.00294	-0.011027	0.000722	0.002709	OK	OK
N +4.07	44	105	DER8	0.003002	0.011153	0.000738	0.00274	OK	OK
N +4.07	44	105	DER8	-0.00294	-0.011027	0.000722	0.002709	OK	OK
N +4.07	45	106	DER1	0.002749	0.008745	0.000675	0.002149	OK	OK
N +4.07	45	106	DER1	-0.002687	-0.008598	0.00066	0.002113	OK	OK
N +4.07	45	106	DER2	0.002749	0.008745	0.000675	0.002149	OK	OK
N +4.07	45	106	DER2	-0.002687	-0.008598	0.00066	0.002113	OK	OK
N +4.07	45	106	DER3	0.002749	0.008745	0.000675	0.002149	OK	OK
N +4.07	45	106	DER3	-0.002687	-0.008598	0.00066	0.002113	OK	OK
N +4.07	45	106	DER4	0.002749	0.008745	0.000675	0.002149	OK	OK
N +4.07	45	106	DER4	-0.002687	-0.008598	0.00066	0.002113	OK	OK
N +4.07	45	106	DER5	0.003002	0.012423	0.000738	0.003052	OK	OK
N +4.07	45	106	DER5	-0.00294	-0.012276	0.000722	0.003016	OK	OK
N +4.07	45	106	DER6	0.003002	0.012423	0.000738	0.003052	OK	OK
N +4.07	45	106	DER6	-0.00294	-0.012276	0.000722	0.003016	OK	OK
N +4.07	45	106	DER7	0.003002	0.012423	0.000738	0.003052	OK	OK
N +4.07	45	106	DER7	-0.00294	-0.012276	0.000722	0.003016	OK	OK
N +4.07	45	106	DER8	0.003002	0.012423	0.000738	0.003052	OK	OK

N +4.07	45	106	DER8	-0.00294	-0.012276	0.000722	0.003016	OK	OK
N +4.07	46	107	DER1	0.006135	0.004322	0.001507	0.001062	OK	OK
N +4.07	46	107	DER1	-0.005995	-0.004356	0.001473	0.00107	OK	OK
N +4.07	46	107	DER2	0.006135	0.004322	0.001507	0.001062	OK	OK
N +4.07	46	107	DER2	-0.005995	-0.004356	0.001473	0.00107	OK	OK
N +4.07	46	107	DER3	0.006135	0.004322	0.001507	0.001062	OK	OK
N +4.07	46	107	DER3	-0.005995	-0.004356	0.001473	0.00107	OK	OK
N +4.07	46	107	DER4	0.006135	0.004322	0.001507	0.001062	OK	OK
N +4.07	46	107	DER4	-0.005995	-0.004356	0.001473	0.00107	OK	OK
N +4.07	46	107	DER5	0.008394	0.006568	0.002062	0.001614	OK	OK
N +4.07	46	107	DER5	-0.008253	-0.006602	0.002028	0.001622	OK	OK
N +4.07	46	107	DER6	0.008394	0.006568	0.002062	0.001614	OK	OK
N +4.07	46	107	DER6	-0.008253	-0.006602	0.002028	0.001622	OK	OK
N +4.07	46	107	DER7	0.008394	0.006568	0.002062	0.001614	OK	OK
N +4.07	46	107	DER7	-0.008253	-0.006602	0.002028	0.001622	OK	OK
N +4.07	46	107	DER8	0.008394	0.006568	0.002062	0.001614	OK	OK
N +4.07	46	107	DER8	-0.008253	-0.006602	0.002028	0.001622	OK	OK
N +4.07	47	108	DER1	0.006139	0.004629	0.001508	0.001137	OK	OK
N +4.07	47	108	DER1	-0.005999	-0.004578	0.001474	0.001125	OK	OK
N +4.07	47	108	DER2	0.006139	0.004629	0.001508	0.001137	OK	OK
N +4.07	47	108	DER2	-0.005999	-0.004578	0.001474	0.001125	OK	OK
N +4.07	47	108	DER3	0.006139	0.004629	0.001508	0.001137	OK	OK
N +4.07	47	108	DER3	-0.005999	-0.004578	0.001474	0.001125	OK	OK
N +4.07	47	108	DER4	0.006139	0.004629	0.001508	0.001137	OK	OK
N +4.07	47	108	DER4	-0.005999	-0.004578	0.001474	0.001125	OK	OK
N +4.07	47	108	DER5	0.008399	0.007253	0.002064	0.001782	OK	OK
N +4.07	47	108	DER5	-0.008259	-0.007202	0.002029	0.00177	OK	OK
N +4.07	47	108	DER6	0.008399	0.007253	0.002064	0.001782	OK	OK

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N +4.07	47	108	DER6	-0.008259	-0.007202	0.002029	0.00177	OK	OK
N +4.07	47	108	DER7	0.008399	0.007253	0.002064	0.00178 2	OK	OK
N +4.07	47	108	DER7	-0.008259	-0.007202	0.002029	0.00177	OK	OK
N +4.07	47	108	DER8	0.008399	0.007253	0.002064	0.00178 2	OK	OK
N +4.07	47	108	DER8	-0.008259	-0.007202	0.002029	0.00177	OK	OK
N +4.07	48	109	DER1	0.006143	0.00775	0.001509	0.00190 4	OK	OK
N +4.07	48	109	DER1	-0.006003	-0.007624	0.001475	0.00187 3	OK	OK
N +4.07	48	109	DER2	0.006143	0.00775	0.001509	0.00190 4	OK	OK
N +4.07	48	109	DER2	-0.006003	-0.007624	0.001475	0.00187 3	OK	OK
N +4.07	48	109	DER3	0.006143	0.00775	0.001509	0.00190 4	OK	OK
N +4.07	48	109	DER3	-0.006003	-0.007624	0.001475	0.00187 3	OK	OK
N +4.07	48	109	DER4	0.006143	0.00775	0.001509	0.00190 4	OK	OK
N +4.07	48	109	DER4	-0.006003	-0.007624	0.001475	0.00187 3	OK	OK
N +4.07	48	109	DER5	0.008405	0.011153	0.002065	0.00274	OK	OK
N +4.07	48	109	DER5	-0.008264	-0.011027	0.002031	0.00270 9	OK	OK
N +4.07	48	109	DER6	0.008405	0.011153	0.002065	0.00274	OK	OK
N +4.07	48	109	DER6	-0.008264	-0.011027	0.002031	0.00270 9	OK	OK
N +4.07	48	109	DER7	0.008405	0.011153	0.002065	0.00274	OK	OK
N +4.07	48	109	DER7	-0.008264	-0.011027	0.002031	0.00270 9	OK	OK
N +4.07	48	109	DER8	0.008405	0.011153	0.002065	0.00274	OK	OK
N +4.07	48	109	DER8	-0.008264	-0.011027	0.002031	0.00270 9	OK	OK
N +4.07	51	110	DER1	0.002222	0.003861	0.000546	0.00094 9	OK	OK
N +4.07	51	110	DER1	-0.0022	-0.003846	0.000541	0.00094 5	OK	OK
N +4.07	51	110	DER2	0.002222	0.003861	0.000546	0.00094 9	OK	OK
N +4.07	51	110	DER2	-0.0022	-0.003846	0.000541	0.00094 5	OK	OK
N +4.07	51	110	DER3	0.002222	0.003861	0.000546	0.00094 9	OK	OK
N +4.07	51	110	DER3	-0.0022	-0.003846	0.000541	0.00094 5	OK	OK
N +4.07	51	110	DER4	0.002222	0.003861	0.000546	0.00094 9	OK	OK

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N +4.07	51	110	DER4	-0.0022	-0.003846	0.000541	0.000945	OK	OK
N +4.07	51	110	DER5	0.001064	0.006261	0.000261	0.001538	OK	OK
N +4.07	51	110	DER5	-0.001042	-0.006247	0.000256	0.001535	OK	OK
N +4.07	51	110	DER6	0.001064	0.006261	0.000261	0.001538	OK	OK
N +4.07	51	110	DER6	-0.001042	-0.006247	0.000256	0.001535	OK	OK
N +4.07	51	110	DER7	0.001064	0.006261	0.000261	0.001538	OK	OK
N +4.07	51	110	DER7	-0.001042	-0.006247	0.000256	0.001535	OK	OK
N +4.07	51	110	DER8	0.001064	0.006261	0.000261	0.001538	OK	OK
N +4.07	51	110	DER8	-0.001042	-0.006247	0.000256	0.001535	OK	OK
N +4.07	60	119	DER1	0.002741	0.003861	0.000673	0.000949	OK	OK
N +4.07	60	119	DER1	-0.002679	-0.003846	0.000658	0.000945	OK	OK
N +4.07	60	119	DER2	0.002741	0.003861	0.000673	0.000949	OK	OK
N +4.07	60	119	DER2	-0.002679	-0.003846	0.000658	0.000945	OK	OK
N +4.07	60	119	DER3	0.002741	0.003861	0.000673	0.000949	OK	OK
N +4.07	60	119	DER3	-0.002679	-0.003846	0.000658	0.000945	OK	OK
N +4.07	60	119	DER4	0.002741	0.003861	0.000673	0.000949	OK	OK
N +4.07	60	119	DER4	-0.002679	-0.003846	0.000658	0.000945	OK	OK
N +4.07	60	119	DER5	0.002985	0.006261	0.000733	0.001538	OK	OK
N +4.07	60	119	DER5	-0.002923	-0.006247	0.000718	0.001535	OK	OK
N +4.07	60	119	DER6	0.002985	0.006261	0.000733	0.001538	OK	OK
N +4.07	60	119	DER6	-0.002923	-0.006247	0.000718	0.001535	OK	OK
N +4.07	60	119	DER7	0.002985	0.006261	0.000733	0.001538	OK	OK
N +4.07	60	119	DER7	-0.002923	-0.006247	0.000718	0.001535	OK	OK
N +4.07	60	119	DER8	0.002985	0.006261	0.000733	0.001538	OK	OK
N +4.07	60	119	DER8	-0.002923	-0.006247	0.000718	0.001535	OK	OK
N +4.07	95	195	DER1	0.002164	0.003826	0.000532	0.00094	OK	OK
N +4.07	95	195	DER1	-0.002133	-0.003828	0.000524	0.00094	OK	OK
N +4.07	95	195	DER2	0.002164	0.003826	0.000532	0.00094	OK	OK

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N +4.07	95	195	DER2	-0.002133	-0.003828	0.000524	0.00094	OK	OK
N +4.07	95	195	DER3	0.002164	0.003826	0.000532	0.00094	OK	OK
N +4.07	95	195	DER3	-0.002133	-0.003828	0.000524	0.00094	OK	OK
N +4.07	95	195	DER4	0.002164	0.003826	0.000532	0.00094	OK	OK
N +4.07	95	195	DER4	-0.002133	-0.003828	0.000524	0.00094	OK	OK
N +4.07	95	195	DER5	0.001202	0.006149	0.000295	0.00151	OK	OK
N +4.07	95	195	DER5	-0.001171	-0.006151	0.000288	0.00151	OK	OK
N +4.07	95	195	DER6	0.001202	0.006149	0.000295	0.00151	OK	OK
N +4.07	95	195	DER6	-0.001171	-0.006151	0.000288	0.00151	OK	OK
N +4.07	95	195	DER7	0.001202	0.006149	0.000295	0.00151	OK	OK
N +4.07	95	195	DER7	-0.001171	-0.006151	0.000288	0.00151	OK	OK
N +4.07	95	195	DER8	0.001202	0.006149	0.000295	0.00151	OK	OK
N +4.07	95	195	DER8	-0.001171	-0.006151	0.000288	0.00151	OK	OK
N +4.07	96	198	DER1	0.002362	0.003826	0.00058	0.00094	OK	OK
N +4.07	96	198	DER1	-0.002315	-0.003828	0.000569	0.00094	OK	OK
N +4.07	96	198	DER2	0.002362	0.003826	0.00058	0.00094	OK	OK
N +4.07	96	198	DER2	-0.002315	-0.003828	0.000569	0.00094	OK	OK
N +4.07	96	198	DER3	0.002362	0.003826	0.00058	0.00094	OK	OK
N +4.07	96	198	DER3	-0.002315	-0.003828	0.000569	0.00094	OK	OK
N +4.07	96	198	DER4	0.002362	0.003826	0.00058	0.00094	OK	OK
N +4.07	96	198	DER4	-0.002315	-0.003828	0.000569	0.00094	OK	OK
N +4.07	96	198	DER5	0.002026	0.006149	0.000498	0.00151	OK	OK
N +4.07	96	198	DER5	-0.00198	-0.006151	0.000486	0.00151	OK	OK
N +4.07	96	198	DER6	0.002026	0.006149	0.000498	0.00151	OK	OK
N +4.07	96	198	DER6	-0.00198	-0.006151	0.000486	0.00151	OK	OK
N +4.07	96	198	DER7	0.002026	0.006149	0.000498	0.00151	OK	OK
N +4.07	96	198	DER7	-0.00198	-0.006151	0.000486	0.00151	OK	OK
N +4.07	96	198	DER8	0.002026	0.006149	0.000498	0.00151	OK	OK

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N +4.07	96	198	DER8	-0.00198	-0.006151	0.000486	0.001511	OK	OK
N +4.07	3	59	DER1	0.00225	0.003861	0.000553	0.000949	OK	OK
N +4.07	3	59	DER1	-0.00221	-0.003846	0.000543	0.000945	OK	OK
N +4.07	3	59	DER2	0.00225	0.003861	0.000553	0.000949	OK	OK
N +4.07	3	59	DER2	-0.00221	-0.003846	0.000543	0.000945	OK	OK
N +4.07	3	59	DER3	0.00225	0.003861	0.000553	0.000949	OK	OK
N +4.07	3	59	DER3	-0.00221	-0.003846	0.000543	0.000945	OK	OK
N +4.07	3	59	DER4	0.00225	0.003861	0.000553	0.000949	OK	OK
N +4.07	3	59	DER4	-0.00221	-0.003846	0.000543	0.000945	OK	OK
N +4.07	3	59	DER5	0.001638	0.006261	0.000402	0.001538	OK	OK
N +4.07	3	59	DER5	-0.001598	-0.006247	0.000393	0.001535	OK	OK
N +4.07	3	59	DER6	0.001638	0.006261	0.000402	0.001538	OK	OK
N +4.07	3	59	DER6	-0.001598	-0.006247	0.000393	0.001535	OK	OK
N +4.07	3	59	DER7	0.001638	0.006261	0.000402	0.001538	OK	OK
N +4.07	3	59	DER7	-0.001598	-0.006247	0.000393	0.001535	OK	OK
N +4.07	3	59	DER8	0.001638	0.006261	0.000402	0.001538	OK	OK
N +4.07	3	59	DER8	-0.001598	-0.006247	0.000393	0.001535	OK	OK
N +4.07	13	69	DER1	0.002322	0.00432	0.00057	0.001062	OK	OK
N +4.07	13	69	DER1	-0.002278	-0.004354	0.00056	0.00107	OK	OK
N +4.07	13	69	DER2	0.002322	0.00432	0.00057	0.001062	OK	OK
N +4.07	13	69	DER2	-0.002278	-0.004354	0.00056	0.00107	OK	OK
N +4.07	13	69	DER3	0.002322	0.00432	0.00057	0.001062	OK	OK
N +4.07	13	69	DER3	-0.002278	-0.004354	0.00056	0.00107	OK	OK
N +4.07	13	69	DER4	0.002322	0.00432	0.00057	0.001062	OK	OK
N +4.07	13	69	DER4	-0.002278	-0.004354	0.00056	0.00107	OK	OK
N +4.07	13	69	DER5	0.001898	0.006566	0.000466	0.001613	OK	OK
N +4.07	13	69	DER5	-0.001853	-0.0066	0.000455	0.001622	OK	OK
N +4.07	13	69	DER6	0.001898	0.006566	0.000466	0.001613	OK	OK

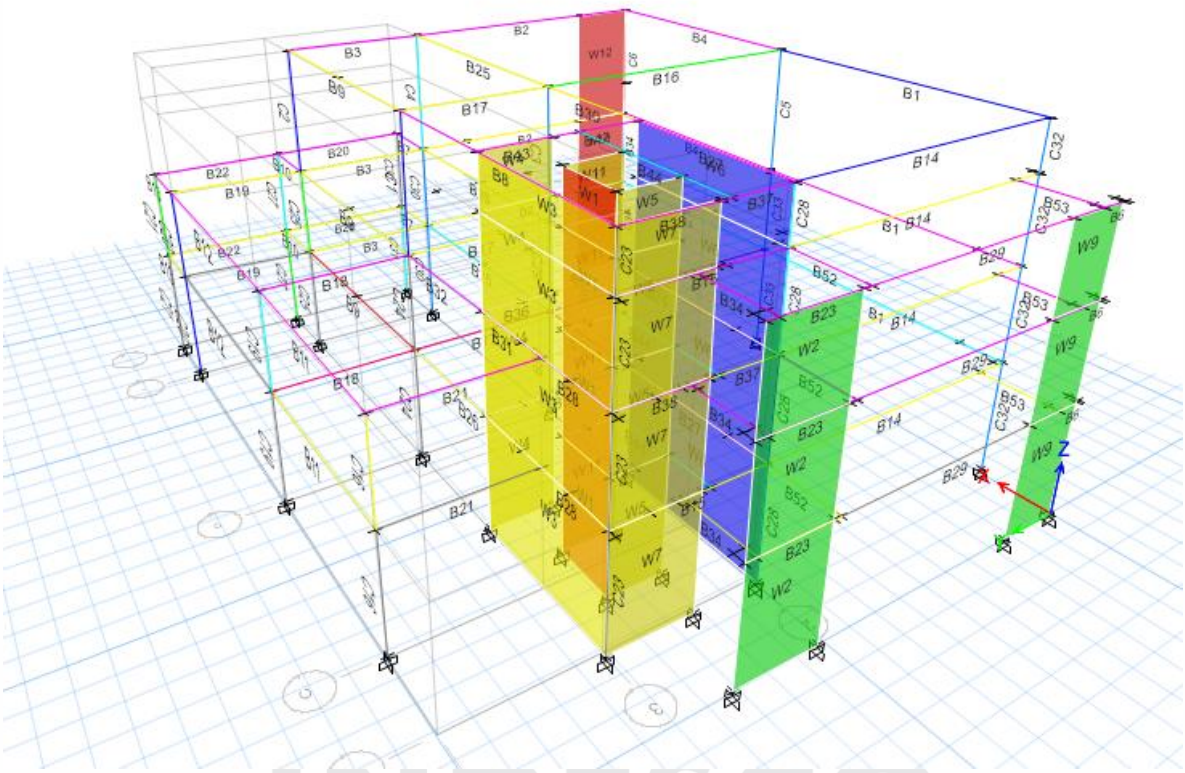
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N +4.07	13	69	DER6	-0.001853	-0.0066	0.000455	0.001622	OK	OK
N +4.07	13	69	DER7	0.001898	0.006566	0.000466	0.001613	OK	OK
N +4.07	13	69	DER7	-0.001853	-0.0066	0.000455	0.001622	OK	OK
N +4.07	13	69	DER8	0.001898	0.006566	0.000466	0.001613	OK	OK
N +4.07	13	69	DER8	-0.001853	-0.0066	0.000455	0.001622	OK	OK
N +4.07	28	42	DER1	0.005189	0.00775	0.001275	0.001904	OK	OK
N +4.07	28	42	DER1	-0.005068	-0.007624	0.001245	0.001873	OK	OK
N +4.07	28	42	DER2	0.005189	0.00775	0.001275	0.001904	OK	OK
N +4.07	28	42	DER2	-0.005068	-0.007624	0.001245	0.001873	OK	OK
N +4.07	28	42	DER3	0.005189	0.00775	0.001275	0.001904	OK	OK
N +4.07	28	42	DER3	-0.005068	-0.007624	0.001245	0.001873	OK	OK
N +4.07	28	42	DER4	0.005189	0.00775	0.001275	0.001904	OK	OK
N +4.07	28	42	DER4	-0.005068	-0.007624	0.001245	0.001873	OK	OK
N +4.07	28	42	DER5	0.007033	0.011153	0.001728	0.00274	OK	OK
N +4.07	28	42	DER5	-0.006912	-0.011027	0.001698	0.002709	OK	OK
N +4.07	28	42	DER6	0.007033	0.011153	0.001728	0.00274	OK	OK
N +4.07	28	42	DER6	-0.006912	-0.011027	0.001698	0.002709	OK	OK
N +4.07	28	42	DER7	0.007033	0.011153	0.001728	0.00274	OK	OK
N +4.07	28	42	DER7	-0.006912	-0.011027	0.001698	0.002709	OK	OK
N +4.07	28	42	DER8	0.007033	0.011153	0.001728	0.00274	OK	OK
N +4.07	28	42	DER8	-0.006912	-0.011027	0.001698	0.002709	OK	OK

Para el proyecto se determina que en las condiciones planteadas y teniendo en cuenta sus características geotécnicas, cumple en el análisis de derivas.

15. DISEÑO DE ELEMENTOS

Ilustración 10 Numeración de Elementos



Fuente. Elaboración INDESCO SAS BIC, julio 2023

15.1. COLUMNAS

Diseño a Cortante en Columnas

TABLE: Concrete Column Design Summary - ACI 318-19

Story	Label	UniqueName	DesignSect	Station	Design Opt	VMajCombo	VMajRebar	VMinCombo	VMinRebar	Sep Cortante con 3 ramas #3
				cm			mm²/m		mm²/m	m
N+12.10	C23	3	COL C1 56x56	0	Design	CC13-3	0	CC13-3	466.6667	0.45642854
N+12.10	C23	3	COL C1 56x56	61	Design	CC13-3	0	CC13-3	466.6667	0.45642854
N+12.10	C23	3	COL C1 56x56	122	Design	CC13-3	0	CC13-3	466.6667	0.45642854

N+12.10	C2 8	9	COL C9 56X54	0	Design	CC13-3	0	CC13-3	859.35 25	0.24786103
N+12.10	C2 8	9	COL C9 56X54	61	Design	CC13-3	0	CC13-3	863.31 61	0.24672307
N+12.10	C2 8	9	COL C9 56X54	122	Design	CC13-3	0	CC13-3	867.27 97	0.24559551
N+12.10	C3 2	15	Col Aumento 68x68	0	Design	CC13-3	862.62 82	CC13-1	793.30 43	0.26849722
N+12.10	C3 2	15	Col Aumento 68x68	61	Design	CC13-3	867.44 11	CC13-1	798.11 72	0.2668781
N+12.10	C3 2	15	Col Aumento 68x68	122	Design	CC13-3	872.25 4	CC13-1	802.93 01	0.26527838
N+12.10	C1 4		COL C10 57X52	0	Design	CC13-3	433.33 33	CC13-3	475	0.44842105
N+12.10	C1 4		COL C10 57X52	210.5	Design	CC13-3	433.33 33	CC13-3	475	0.44842105
N+12.10	C1 4		COL C10 57X52	421	Design	CC13-3	433.33 33	CC13-3	475	0.44842105
N+12.10	C2 6		COL C7 56X55	0	Design	CC13-3	458.33 33	CC13-3	466.66 67	0.45642854
N+12.10	C2 6		COL C7 56X55	210.5	Design	CC13-3	458.33 33	CC13-3	466.66 67	0.45642854
N+12.10	C2 6		COL C7 56X55	421	Design	CC13-3	458.33 33	CC13-3	466.66 67	0.45642854
N+12.10	C3 10		Col Aumento 68x68	0	Design	CC13-3	566.66 67	CC13-3	566.66 67	0.37588233
N+12.10	C3 10		Col Aumento 68x68	203	Design	CC13-3	566.66 67	CC13-3	566.66 67	0.37588233
N+12.10	C3 10		Col Aumento 68x68	406	Design	CC13-3	566.66 67	CC13-3	566.66 67	0.37588233
N+12.10	C4 12		COL C9 56X54	0	Design	CC13-3	450	CC13-3	466.66 67	0.45642854
N+12.10	C4 12		COL C9 56X54	210.5	Design	CC13-3	450	CC13-3	466.66 67	0.45642854
N+12.10	C4 12		COL C9 56X54	421	Design	CC13-2	450	CC13-3	466.66 67	0.45642854
N+12.10	C5 16		Col Aumento 68x68	0	Design	CC13-3	566.66 67	CC13-3	566.66 67	0.37588233
N+12.10	C5 16		Col Aumento 68x68	203	Design	CC13-3	566.66 67	CC13-3	566.66 67	0.37588233
N+12.10	C5 16		Col Aumento 68x68	406	Design	CC13-3	566.66 67	CC13-3	566.66 67	0.37588233
N+12.10	C6 18		COL C13 55X54	0	Design	CC13-2	450	CC13-3	0	
N+12.10	C6 18		COL C13 55X54	210.5	Design	CC13-2	450	CC13-3	0	
N+12.10	C6 18		COL C13 55X54	421	Design	CC13-2	450	CC13-3	0	
N+10.43	C2 3	1	COL C1 56x56	0	Design	CC13-3	0	CC13-1	466.66 67	0.45642854
N+10.43	C2 3	1	COL C1 56x56	127.001	Design	CC13-3	0	CC13-1	466.66 67	0.45642854
N+10.43	C2 3	1	COL C1 56x56	254.001	Design	CC13-3	0	CC13-1	466.66 67	0.45642854
N+10.43	C2 8	8	COL C9 56X54	0	Design	CC13-2	450	CC13-3	466.66 67	0.45642854

N+10.	C2		COL C9							466.66	
43	8	8	56X54	127	Design	CC13-2	450	CC13-3	67		0.45642854
N+10.	C2		COL C9							466.66	
43	8	8	56X54	254	Design	CC13-2	450	CC13-3	67		0.45642854
N+10.	C3		Col Aumento							566.66	
43	2	14	68x68	0	Design	CC13-3	0	CC13-1	67		0.37588233
N+10.	C3		Col Aumento							566.66	
43	2	14	68x68	127	Design	CC13-3	0	CC13-1	67		0.37588233
N+10.	C3		Col Aumento							566.66	
43	2	14	68x68	254	Design	CC13-3	0	CC13-1	67		0.37588233
N+7.4	C1		COL C6				458.33				
4	6	124	54X55	0	Design	CC13-3	33	CC13-3	450		0.47333333
N+7.4	C1		COL C6				458.33				
4	6	124	54X55	146	Design	CC13-3	33	CC13-3	450		0.47333333
N+7.4	C1		COL C6				458.33				
4	6	124	54X55	292	Design	CC13-3	33	CC13-3	450		0.47333333
N+7.4	C1		COL NUEVA				416.66			416.66	
4	9	19	50X50	0	Design	CC13-2	67	CC13-3	67		0.51119996
N+7.4	C1		COL NUEVA				416.66			416.66	
4	9	19	50X50	146	Design	CC13-2	67	CC13-3	67		0.51119996
N+7.4	C1		COL NUEVA				416.66			416.66	
4	9	19	50X50	292	Design	CC13-2	67	CC13-3	67		0.51119996
N+7.4	C2		COL C7				458.33			466.66	
4	0	115	56X55	0	Design	CC13-3	33	CC13-3	67		0.45642854
N+7.4	C2		COL C7				458.33			466.66	
4	0	115	56X55	146	Design	CC13-3	33	CC13-3	67		0.45642854
N+7.4	C2		COL C7				458.33			466.66	
4	0	115	56X55	292	Design	CC13-3	33	CC13-3	67		0.45642854
N+7.4	C2		COL C4							458.33	
4	1	117	55x55	0	Design	CC13-3	0	CC13-3	33		0.46472731
N+7.4	C2		COL C4							458.33	
4	1	117	55x55	146	Design	CC13-3	0	CC13-3	33		0.46472731
N+7.4	C2		COL C4	292.						458.33	
4	1	117	55x55	001	Design	CC13-3	0	CC13-3	33		0.46472731
N+7.4	C2		COL C1				466.66			466.66	
4	3	125	56x56	0	Design	CC13-1	67	CC13-3	67		0.45642854
N+7.4	C2		COL C1				466.66			466.66	
4	3	125	56x56	146	Design	CC13-1	67	CC13-3	67		0.45642854
N+7.4	C2		COL C1				466.66			466.66	
4	3	125	56x56	292	Design	CC13-1	67	CC13-3	67		0.45642854
N+7.4	C2		COL C1				466.66			466.66	
4	4	127	56x56	0	Design	CC13-3	67	CC13-3	67		0.45642854
N+7.4	C2		COL C1				466.66			466.66	
4	4	127	56x56	146	Design	CC13-3	67	CC13-3	67		0.45642854
N+7.4	C2		COL C1				466.66			466.66	
4	4	127	56x56	292	Design	CC13-3	67	CC13-3	67		0.45642854
N+7.4	C2		COL C4				458.33			458.33	
4	5	129	55x55	0	Design	CC13-3	33	CC13-3	33		0.46472731
N+7.4	C2		COL C4				458.33			458.33	
4	5	129	55x55	146	Design	CC13-3	33	CC13-3	33		0.46472731
N+7.4	C2		COL C4				458.33			458.33	
4	5	129	55x55	292	Design	CC13-3	33	CC13-3	33		0.46472731
N+7.4	C2		COL C9							466.66	
4	7	133	56X54	0	Design	CC13-3	0	CC13-3	67		0.45642854
N+7.4	C2		COL C9							466.66	
4	7	133	56X54	146	Design	CC13	450	CC13-3	67		0.45642854

N+7.4	C2		COL C9						466.66	
4	7	133	56X54	292	Design	CC13	450	CC13-3	67	0.45642854
N+7.4	C2		COL C7				458.33		466.66	
4	8	135	56X55	0	Design	CC13-2	33	CC13-2	67	0.45642854
N+7.4	C2		COL C7				458.33		466.66	
4	8	135	56X55	146	Design	CC13-2	33	CC13-3	67	0.45642854
N+7.4	C2		COL C7				458.33		466.66	
4	8	135	56X55	292	Design	CC13-2	33	CC13-3	67	0.45642854
N+7.4	C2		Col Aumento				566.66		566.66	
4	9	137	68x68	0	Design	CC13-3	67	CC13-3	67	0.37588233
N+7.4	C2		Col Aumento				566.66		566.66	
4	9	137	68x68	146	Design	CC13-3	67	CC13-3	67	0.37588233
N+7.4	C2		Col Aumento				566.66		566.66	
4	9	137	68x68	292	Design	CC13-3	67	CC13-3	67	0.37588233
N+7.4	C3		Col Aumento				566.66		566.66	
4	0	139	68x68	0	Design	CC13-3	67	CC13-3	67	0.37588233
N+7.4	C3		Col Aumento				566.66		566.66	
4	0	139	68x68	146	Design	CC13-3	67	CC13-3	67	0.37588233
N+7.4	C3		Col Aumento				566.66		566.66	
4	0	139	68x68	292	Design	CC13-3	67	CC13-3	67	0.37588233
N+7.4	C3		COL C1				466.66		466.66	
4	1	141	56x56	0	Design	CC13-3	67	CC13-3	67	0.45642854
N+7.4	C3		COL C1				466.66		466.66	
4	1	141	56x56	146	Design	CC13-3	67	CC13-3	67	0.45642854
N+7.4	C3		COL C1				466.66		466.66	
4	1	141	56x56	292	Design	CC13-3	67	CC13-3	67	0.45642854
N+7.4	C3		Col Aumento				566.66		566.66	
4	2	143	68x68	0	Design	CC13-3	67	CC13-3	67	0.37588233
N+7.4	C3		Col Aumento				566.66		566.66	
4	2	143	68x68	146	Design	CC13-3	67	CC13-3	67	0.37588233
N+7.4	C3		Col Aumento				566.66		566.66	
4	2	143	68x68	292	Design	CC13-3	67	CC13-3	67	0.37588233
N+7.4	C3		Col Aumento				566.66			
4	3	145	68x68	0	Design	CC13-3	67	CC13-3	0	
N+7.4	C3		Col Aumento				566.66			
4	3	145	68x68	146	Design	CC13-3	67	CC13-3	0	
N+7.4	C3		Col Aumento				566.66			
4	3	145	68x68	292	Design	CC13-3	67	CC13-3	0	
N+7.4	C3		Col Aumento				566.66		566.66	
4	4	147	68x68	0	Design	CC13-2	67	CC13-2	67	0.37588233
N+7.4	C3		Col Aumento				566.66		566.66	
4	4	147	68x68	146	Design	CC13-2	67	CC13-2	67	0.37588233
N+7.4	C3		Col Aumento				566.66		566.66	
4	4	147	68x68	292	Design	CC13-2	67	CC13-2	67	0.37588233
N	C1		COL C1							
+4.07	6	2	56x56	0	Design	CC13-3	0	CC13-3	0	
N	C1		COL C1	178.						
+4.07	6	2	56x56	5	Design	CC13-3	0	CC13-3	0	
N	C1		COL C1							
+4.07	6	2	56x56	357	Design	CC13-3	0	CC13-3	0	
N	C1		COL C2						441.66	
+4.07	9	42	53x56	0	Design	CC13-3	0	CC13-3	67	0.48226411
N	C1		COL C2	173.					441.66	
+4.07	9	42	53x56	501	Design	CC13-3	0	CC13-3	67	0.48226411
N	C1		COL C2	347.					441.66	
+4.07	9	42	53x56	002	Design	CC13-3	0	CC13-3	67	0.48226411

N	C2		COL C3				466.66				
+4.07	0	96	86x56	0	Design	CC13-3	67	CC13-3	0		
N	C2		COL C3	178.			466.66				
+4.07	0	96	86x56	5	Design	CC13-3	67	CC13-3	0		
N	C2		COL C3				466.66				
+4.07	0	96	86x56	357	Design	CC13-3	67	CC13-3	0		
N	C2		COL C2						441.66		
+4.07	1	116	53x56	0	Design	CC13-3	0	CC13-3	67	0.48226411	
N	C2		COL C2	178.					441.66		
+4.07	1	116	53x56	5	Design	CC13-3	0	CC13-3	67	0.48226411	
N	C2		COL C2	357.					441.66		
+4.07	1	116	53x56	001	Design	CC13-3	0	CC13-3	67	0.48226411	
N	C2		COL C1				466.66		466.66		
+4.07	3	123	56x56	0	Design	CC13-3	67	CC13-3	67	0.45642854	
N	C2		COL C1	178.			466.66		466.66		
+4.07	3	123	56x56	5	Design	CC13-3	67	CC13-3	67	0.45642854	
N	C2		COL C1				466.66		466.66		
+4.07	3	123	56x56	357	Design	CC13-3	67	CC13-3	67	0.45642854	
N	C2		COL C1						466.66		
+4.07	4	126	56x56	0	Design	CC13-3	0	CC13-3	67	0.45642854	
N	C2		COL C1	173.					466.66		
+4.07	4	126	56x56	5	Design	CC13-3	0	CC13-3	67	0.45642854	
N	C2		COL C1						466.66		
+4.07	4	126	56x56	347	Design	CC13-3	0	CC13-3	67	0.45642854	
N	C2		COL C2						441.66		
+4.07	5	128	53x56	0	Design	CC13-3	0	CC13-3	67	0.48226411	
N	C2		COL C2	173.					441.66		
+4.07	5	128	53x56	5	Design	CC13-3	0	CC13-3	67	0.48226411	
N	C2		COL C2						441.66		
+4.07	5	128	53x56	347	Design	CC13-3	0	CC13-3	67	0.48226411	
N	C2		COL C4						458.33		
+4.07	7	132	55x55	0	Design	CC13-3	0	CC13-3	33	0.46472731	
N	C2		COL C4	178.					458.33		
+4.07	7	132	55x55	5	Design	CC13-3	0	CC13-3	33	0.46472731	
N	C2		COL C4						458.33		
+4.07	7	132	55x55	357	Design	CC13-3	0	CC13-3	33	0.46472731	
N	C2		Col Aumento				566.66		566.66		
+4.07	8	134	68x68	0	Design	CC13-2	67	CC13-2	67	0.37588233	
N	C2		Col Aumento	173.			566.66		566.66		
+4.07	8	134	68x68	5	Design	CC13-2	67	CC13-2	67	0.37588233	
N	C2		Col Aumento				566.66		566.66		
+4.07	8	134	68x68	347	Design	CC13-2	67	CC13-2	67	0.37588233	
N	C2		Col Aumento				566.66		566.66		
+4.07	9	136	68x68	0	Design	CC13-3	67	CC13-2	67	0.37588233	
N	C2		Col Aumento	173.			566.66		566.66		
+4.07	9	136	68x68	5	Design	CC13-3	67	CC13-2	67	0.37588233	
N	C2		Col Aumento				566.66		566.66		
+4.07	9	136	68x68	347	Design	CC13-3	67	CC13-2	67	0.37588233	
N	C3		Col Aumento				566.66		566.66		
+4.07	0	138	68x68	0	Design	CC13-2	67	CC13-2	67	0.37588233	
N	C3		Col Aumento	173.			566.66		566.66		
+4.07	0	138	68x68	5	Design	CC13-2	67	CC13-2	67	0.37588233	
N	C3		Col Aumento	347.			566.66		566.66		
+4.07	0	138	68x68	001	Design	CC13-2	67	CC13-2	67	0.37588233	
N	C3		COL C5						466.66		
+4.07	1	140	56x57	0	Design	CC13-3	0	CC13-3	67	0.45642854	

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N	C3		COL C5	178.					466.66		
+4.07	1	140	56x57	5	Design	CC13-3	0	CC13-3	67		0.45642854
N	C3		COL C5						466.66		
+4.07	1	140	56x57	357	Design	CC13-3	0	CC13-3	67		0.45642854
N	C3		Col Aumento				566.66				
+4.07	2	142	68x68	0	Design	CC13-3	67	CC13-3	0		
N	C3		Col Aumento	173.			566.66				
+4.07	2	142	68x68	5	Design	CC13-3	67	CC13-3	0		
N	C3		Col Aumento				566.66				
+4.07	2	142	68x68	347	Design	CC13-3	67	CC13-3	0		
N	C3		Col Aumento				566.66		566.66		
+4.07	3	144	68x68	0	Design	CC13-3	67	CC13-3	67		0.37588233
N	C3		Col Aumento	173.			566.66		566.66		
+4.07	3	144	68x68	5	Design	CC13-3	67	CC13-3	67		0.37588233
N	C3		Col Aumento				566.66		566.66		
+4.07	3	144	68x68	347	Design	CC13-3	67	CC13-3	67		0.37588233
N	C3		Col Aumento				1258.1		566.66		
+4.07	4	146	68x68	0	Design	CC13	99	CC13-2	67		0.37588233
N	C3		Col Aumento	173.			1258.1		566.66		
+4.07	4	146	68x68	5	Design	CC13	99	CC13-2	67		0.37588233
N	C3		Col Aumento				1258.1		566.66		
+4.07	4	146	68x68	347	Design	CC13	99	CC13-2	67		0.37588233

Se requieren 3 ramas en ambos sentidos por disposiciones sísmicas para todas las secciones de columnas.

C.21.3.5.7 — El área total de la sección transversal del refuerzo de estribos cerrados de confinamiento rectangulares, A_{sh}, colocados en la longitud ℓ_o no debe ser menor que la requerida por las ecuaciones (C.21-2) y (C.21-3).

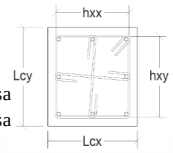
$$A_{sh} = 0.2\frac{sb_c f'_c}{f_{yt}}\left[\left(\frac{A_g}{A_{ch}}\right)-1\right] \qquad \text{(C.21-2)}$$

$$A_{sh} = 0.06\frac{sb_c f'_c}{f_{yt}} \qquad \text{(C.21-3)}$$

CUANTÍA VOLUMÉTRICA COL 50x50 (DMO)

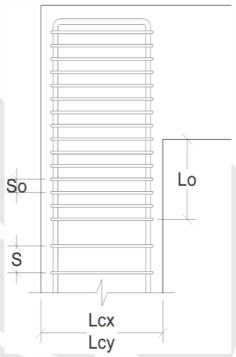
COLUMNAS

f'c	24 MPa	Resistencia a la comprensión del concreto
fyt	420 MPa	Esfuerzo de fluencia del acero
Lcx	0.50 m	Distancia entre bordes de refuerzo transversa
Lcy	0.50 m	Distancia entre bordes de refuerzo transversa
Relación	1.00	Ok
Recubrimiento	0.04 m	
Luz Libre	3.57 m	



REFUERZO LONGITUDINAL

Diametro	5		
Ast min (1%)	25.00 cm²		
	13	Varillas	
Ast min (4%)	100.00 cm²		
	51 Varillas		



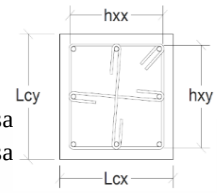
REFUERZO TRANSVERSAL

Diametro	3			
bcx	0.42 m			
hcxy	0.42 m			
Longitud Zona Confinada Lo				
Max[h,b]	0.50 m			
Ln/6	0.60 m	**Lo**	**0.60 m**	
500mm	0.50 m			
Espaciamiento Zona Confinada, So				
b/3	17 cm			
h/3	17 cm			
8db	13 cm			
16de	15 cm	**S1**	**12.0 cm**	10 cm
15cm	15 cm			
Espaciamiento Zona No Confinada, S				
S2=2xS1	24.00 cm	**S2**	**24.0 cm**	20 cm

Número de Ramas para Estribos	
Ashx1	2.00 cm²
Ashx2	1.44 cm²
No. Ramas Paralelo a eje y:	**3 Ramas**
Ashy1	2.00 cm²
Ashy2	1.44 cm²
No. Ramas Paralelo a eje x:	**3 Ramas**

CUANTÍA VOLUMÉTRICA COL 55x55 (DMO)

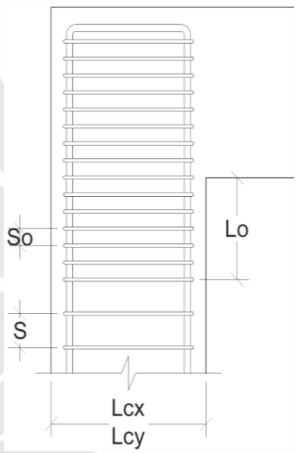
- COLUMNAS



f'c	24 MPa	Resistencia a la comprensión del concreto
fyt	420 MPa	Esfuerzo de fluencia del acero
Lcx	0.55 m	Distancia entre bordes de refuerzo transversa
Lcy	0.55 m	Distancia entre bordes de refuerzo transversa
Relación	1.00	Ok
Recubrimiento	0.04 m	
Luz Libre	3.57 m	

- REFUERZO LONGITUDINAL

Diametro	5	
Ast min (1%)	30.25 cm²	
	16	Varillas
Ast min (4%)	121.00 cm²	
	61 Varillas	



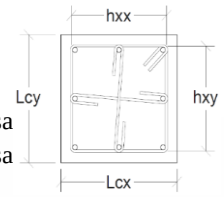
- REFUERZO TRANSVERSAL

Diametro	3			
bcx	0.47 m			
hcxy	0.47 m			
Longitud Zona Confinada Lo				
Max[h,b]	0.55 m			
Ln/6	0.60 m	**Lo**	**0.60 m**	
500mm	0.50 m			
Espaciamiento Zona Confinada, So				
b/3	18 cm			
h/3	18 cm			
8db	13 cm			
16de	15 cm	**S1**	**12.0 cm**	10 cm
15cm	15 cm			
Espaciamiento Zona No Confinada, S				
S2=2xS1	24.00 cm	**S2**	**24.0 cm**	20 cm

Número de Ramas para Estribos	
Ashx1	1.98 cm²
Ashx2	1.61 cm²
No. Ramas Paralelo a eje y:	**3 Ramas**
Ashy1	1.98 cm²
Ashy2	1.61 cm²
No. Ramas Paralelo a eje x:	**3 Ramas**

CUANTÍA VOLUMÉTRICA COL 68x68 (DMO)

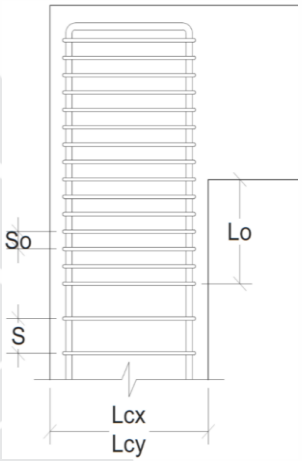
COLUMNAS



f'c	24 MPa	Resistencia a la comprensión del concreto
fyt	420 MPa	Esfuerzo de fluencia del acero
Lcx	0.68 m	Distancia entre bordes de refuerzo transversa
Lcy	0.68 m	Distancia entre bordes de refuerzo transversa
Relación	1.00	Ok
Recubrimiento	0.04 m	
Luz Libre	3.57 m	

REFUERZO LONGITUDINAL

Diametro	5	
Ast min (1%)	46.24 cm²	
	24	Varillas
Ast min (4%)	184.96 cm²	
	93 Varillas	



REFUERZO TRANSVERSAL

Diametro	3			
bcx	0.60 m			
hcxy	0.60 m			
Longitud Zona Confinada Lo				
Max[h,b]	0.68 m			
Ln/6	0.60 m	**Lo**	**0.68 m**	
500mm	0.50 m			
Espaciamiento Zona Confinada, So				
b/3	23 cm			
h/3	23 cm			
8db	13 cm			
16de	15 cm	**S1**	**12.0 cm**	10 cm
15cm	15 cm			
Espaciamiento Zona No Confinada, S				
S2=2xS1	24.00 cm	**S2**	**24.0 cm**	20 cm

Número de Ramas para Estribos	
Ashx1	1.95 cm²
Ashx2	2.06 cm²
No. Ramas Paralelo a eje y:	**3 Ramas**
Ashy1	1.95 cm²
Ashy2	2.06 cm²
No. Ramas Paralelo a eje x:	**3 Ramas**

Diseño a Flexocompresión en Columnas

TABLE: Concrete Column Design Summary - ACI 318-19

Story	Label	UniqueName	DesignSect	Station	DesignOpt	PMMCombo	AsMin	As	Mid Bar As	CornerBar As
				cm			cm²	cm²	cm²	cm²
N+12.10	C23	3	COL C1 56x56	0	Design	C9-1	31.36	31.36	2.61	2.61
N+12.10	C23	3	COL C1 56x56	61	Design	C9-1	31.36	31.36	2.61	2.61
N+12.10	C23	3	COL C1 56x56	122	Design	C9-1	31.36	31.36	2.61	2.61
N+12.10	C28	9	COL C9 56X54	0	Design	C9-3	30.24	30.24	2.52	2.52
N+12.10	C28	9	COL C9 56X54	61	Design	C9	30.24	30.24	2.52	2.52
N+12.10	C28	9	COL C9 56X54	122	Design	C9-2	30.24	30.24	2.52	2.52
N+12.10	C32	15	Col Aumento 68x68	0	Design	C9-1	46.24	46.24	3.85	3.85
N+12.10	C32	15	Col Aumento 68x68	61	Design	C3	46.24	46.24	3.85	3.85
N+12.10	C32	15	Col Aumento 68x68	122	Design	C3	46.24	46.24	3.85	3.85
N+12.10	C1	4	COL C10 57X52	0	Design	C9-2	29.64	29.64	2.47	2.47
N+12.10	C1	4	COL C10 57X52	210.5	Design	C3	29.64	29.64	2.47	2.47
N+12.10	C1	4	COL C10 57X52	421	Design	C9-2	29.64	29.64	2.47	2.47
N+12.10	C2	6	COL C7 56X55	0	Design	C9	30.8	30.8	2.57	2.57
N+12.10	C2	6	COL C7 56X55	210.5	Design	C9-3	30.8	30.8	2.57	2.57
N+12.10	C2	6	COL C7 56X55	421	Design	C3	30.8	30.8	2.57	2.57
N+12.10	C3	10	Col Aumento 68x68	0	Design	C9-2	46.24	46.24	3.85	3.85
N+12.10	C3	10	Col Aumento 68x68	203	Design	C2	46.24	46.24	3.85	3.85
N+12.10	C3	10	Col Aumento 68x68	406	Design	C9-2	46.24	46.24	3.85	3.85
N+12.10	C4	12	COL C9 56X54	0	Design	C9	30.24	30.24	2.52	2.52
N+12.10	C4	12	COL C9 56X54	210.5	Design	C3	30.24	30.24	2.52	2.52
N+12.10	C4	12	COL C9 56X54	421	Design	C9	30.24	30.24	2.52	2.52
N+12.10	C5	16	Col Aumento 68x68	0	Design	C9	46.24	46.24	3.85	3.85
N+12.10	C5	16	Col Aumento 68x68	203	Design	C2	46.24	46.24	3.85	3.85
N+12.10	C5	16	Col Aumento 68x68	406	Design	C9-1	46.24	46.24	3.85	3.85
N+12.10	C6	18	COL C13 55X54	0	Design	C9	29.7	29.7	2.48	2.48

N+12.10	C6	18	COL C13 55X54	210.5	Design	C9	29.7	29.7	2.48	2.48
N+12.10	C6	18	COL C13 55X54	421	Design	C9	29.7	29.7	2.48	2.48
N+10.43	C23	1	COL C1 56x56	0	Design	C9-1	31.36	31.36	2.61	2.61
N+10.43	C23	1	COL C1 56x56	127.01	Design	C9-1	31.36	31.36	2.61	2.61
N+10.43	C23	1	COL C1 56x56	254.01	Design	C9-1	31.36	31.36	2.61	2.61
N+10.43	C28	8	COL C9 56X54	0	Design	C9	30.24	30.24	2.52	2.52
N+10.43	C28	8	COL C9 56X54	127	Design	C9	30.24	30.24	2.52	2.52
N+10.43	C28	8	COL C9 56X54	254	Design	C9	30.24	30.24	2.52	2.52
N+10.43	C32	14	Col Aumento 68x68	0	Design	C9	46.24	46.24	3.85	3.85
N+10.43	C32	14	Col Aumento 68x68	127	Design	C2	46.24	46.24	3.85	3.85
N+10.43	C32	14	Col Aumento 68x68	254	Design	C3	46.24	46.24	3.85	3.85
N+7.44	C16	124	COL C6 54X55	0	Design	C9-2	29.7	29.7	2.48	2.48
N+7.44	C16	124	COL C6 54X55	146	Design	C9-2	29.7	29.7	2.48	2.48
N+7.44	C16	124	COL C6 54X55	292	Design	C9-2	29.7	29.7	2.48	2.48
N+7.44	C19	19	COL NUEVA 50X50	0	Design	C9	25	25	2.08	2.08
N+7.44	C19	19	COL NUEVA 50X50	146	Design	C9	25	25	2.08	2.08
N+7.44	C19	19	COL NUEVA 50X50	292	Design	C9	25	25	2.08	2.08
N+7.44	C20	115	COL C7 56X55	0	Design	C9	30.8	30.8	2.57	2.57
N+7.44	C20	115	COL C7 56X55	146	Design	C9	30.8	30.8	2.57	2.57
N+7.44	C20	115	COL C7 56X55	292	Design	C9	30.8	30.8	2.57	2.57
N+7.44	C21	117	COL C4 55x55	0	Design	C9	30.25	30.25	2.52	2.52
N+7.44	C21	117	COL C4 55x55	146	Design	C9-3	30.25	30.25	2.52	2.52
N+7.44	C21	117	COL C4 55x55	292.01	Design	C9	30.25	30.25	2.52	2.52
N+7.44	C23	125	COL C1 56x56	0	Design	C9-1	31.36	31.36	2.61	2.61
N+7.44	C23	125	COL C1 56x56	146	Design	C9-1	31.36	31.36	2.61	2.61
N+7.44	C23	125	COL C1 56x56	292	Design	C9-1	31.36	31.36	2.61	2.61
N+7.44	C24	127	COL C1 56x56	0	Design	C9-3	31.36	31.36	2.61	2.61
N+7.44	C24	127	COL C1 56x56	146	Design	C2	31.36	31.36	2.61	2.61
N+7.44	C24	127	COL C1 56x56	292	Design	C9-3	31.36	31.36	2.61	2.61

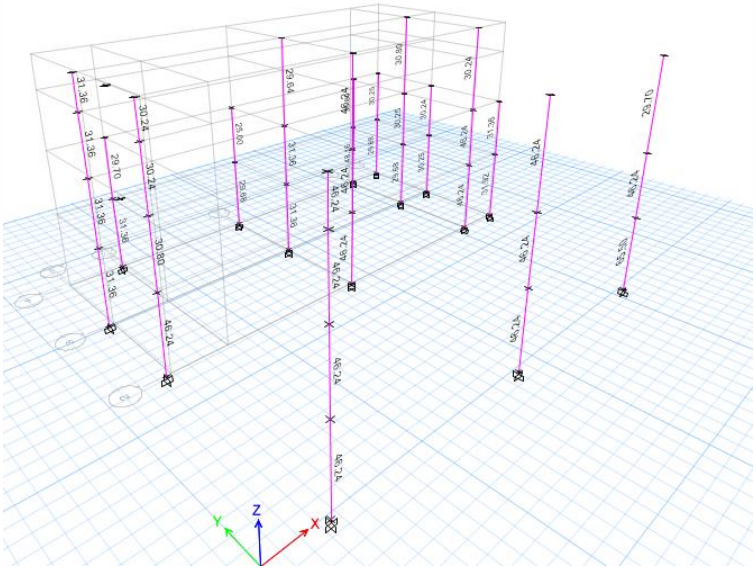
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N+7.44	C25	129	COL C4 55x55	0	Design	C9	30.25	30.25	2.52	2.52
N+7.44	C25	129	COL C4 55x55	146	Design	C2	30.25	30.25	2.52	2.52
N+7.44	C25	129	COL C4 55x55	292	Design	C9	30.25	30.25	2.52	2.52
N+7.44	C27	133	COL C9 56X54	0	Design	C9	30.24	30.24	2.52	2.52
N+7.44	C27	133	COL C9 56X54	146	Design	C9	30.24	30.24	2.52	2.52
N+7.44	C27	133	COL C9 56X54	292	Design	C9	30.24	30.24	2.52	2.52
N+7.44	C28	135	COL C7 56X55	0	Design	C9	30.8	30.8	2.57	2.57
N+7.44	C28	135	COL C7 56X55	146	Design	C9	30.8	30.8	2.57	2.57
N+7.44	C28	135	COL C7 56X55	292	Design	C9	30.8	30.8	2.57	2.57
N+7.44	C29	137	Col Aumento 68x68	0	Design	C9-2	46.24	46.24	3.85	3.85
N+7.44	C29	137	Col Aumento 68x68	146	Design	C9-2	46.24	46.24	3.85	3.85
N+7.44	C29	137	Col Aumento 68x68	292	Design	C2	46.24	46.24	3.85	3.85
N+7.44	C30	139	Col Aumento 68x68	0	Design	C9	46.24	46.24	3.85	3.85
N+7.44	C30	139	Col Aumento 68x68	146	Design	C9	46.24	46.24	3.85	3.85
N+7.44	C30	139	Col Aumento 68x68	292	Design	C9	46.24	46.24	3.85	3.85
N+7.44	C31	141	COL C1 56x56	0	Design	C9-3	31.36	31.36	2.61	2.61
N+7.44	C31	141	COL C1 56x56	146	Design	C9-3	31.36	31.36	2.61	2.61
N+7.44	C31	141	COL C1 56x56	292	Design	C9-3	31.36	31.36	2.61	2.61
N+7.44	C32	143	Col Aumento 68x68	0	Design	C9-3	46.24	46.24	3.85	3.85
N+7.44	C32	143	Col Aumento 68x68	146	Design	C9-3	46.24	46.24	3.85	3.85
N+7.44	C32	143	Col Aumento 68x68	292	Design	C2	46.24	46.24	3.85	3.85
N+7.44	C33	145	Col Aumento 68x68	0	Design	C9-3	46.24	46.24	3.85	3.85
N+7.44	C33	145	Col Aumento 68x68	146	Design	C9-3	46.24	46.24	3.85	3.85
N+7.44	C33	145	Col Aumento 68x68	292	Design	C9-3	46.24	46.24	3.85	3.85
N+7.44	C34	147	Col Aumento 68x68	0	Design	C9	46.24	46.24	3.85	3.85
N+7.44	C34	147	Col Aumento 68x68	146	Design	C9	46.24	46.24	3.85	3.85
N+7.44	C34	147	Col Aumento 68x68	292	Design	C9	46.24	46.24	3.85	3.85
N+4.07	C16	2	COL C1 56x56	0	Design	C9-2	31.36	31.36	2.61	2.61
N+4.07	C16	2	COL C1 56x56	178.5	Design	C9-2	31.36	31.36	2.61	2.61

N							31.3	31.3		
+4.07	C16	2	COL C1 56x56	357	Design	C2	6	6	2.61	2.61
N							29.6	29.6		
+4.07	C19	42	COL C2 53x56	0	Design	C9	8	8	2.47	2.47
N				173.5			29.6	29.6		
+4.07	C19	42	COL C2 53x56	01	Design	C2	8	8	2.47	2.47
N				347.0			29.6	29.6		
+4.07	C19	42	COL C2 53x56	02	Design	C2	8	8	2.47	2.47
N							48.1	48.1		
+4.07	C20	96	COL C3 86x56	0	Design	C9	6	6	4.01	4.01
N							48.1	48.1		
+4.07	C20	96	COL C3 86x56	178.5	Design	C9	6	6	4.01	4.01
N							48.1	48.1		
+4.07	C20	96	COL C3 86x56	357	Design	C2	6	6	4.01	4.01
N							29.6	29.6		
+4.07	C21	116	COL C2 53x56	0	Design	C9	8	8	2.47	2.47
N							29.6	29.6		
+4.07	C21	116	COL C2 53x56	178.5	Design	C9-3	8	8	2.47	2.47
N				357.0			29.6	29.6		
+4.07	C21	116	COL C2 53x56	01	Design	C9	8	8	2.47	2.47
N							31.3	31.3		
+4.07	C23	123	COL C1 56x56	0	Design	C9-1	6	6	2.61	2.61
N							31.3	31.3		
+4.07	C23	123	COL C1 56x56	178.5	Design	C9-1	6	6	2.61	2.61
N							31.3	31.3		
+4.07	C23	123	COL C1 56x56	357	Design	C9-1	6	6	2.61	2.61
N							31.3	31.3		
+4.07	C24	126	COL C1 56x56	0	Design	C9-3	6	6	2.61	2.61
N							31.3	31.3		
+4.07	C24	126	COL C1 56x56	173.5	Design	C2	6	6	2.61	2.61
N							31.3	31.3		
+4.07	C24	126	COL C1 56x56	347	Design	C2	6	6	2.61	2.61
N							29.6	29.6		
+4.07	C25	128	COL C2 53x56	0	Design	C9	8	8	2.47	2.47
N							29.6	29.6		
+4.07	C25	128	COL C2 53x56	173.5	Design	C2	8	8	2.47	2.47
N							29.6	29.6		
+4.07	C25	128	COL C2 53x56	347	Design	C2	8	8	2.47	2.47
N							30.2	30.2		
+4.07	C27	132	COL C4 55x55	0	Design	C9	5	5	2.52	2.52
N							30.2	30.2		
+4.07	C27	132	COL C4 55x55	178.5	Design	C9	5	5	2.52	2.52
N							30.2	30.2		
+4.07	C27	132	COL C4 55x55	357	Design	C9	5	5	2.52	2.52
N			Col Aumento				46.2	46.2		
+4.07	C28	134	68x68	0	Design	C9	4	4	3.85	3.85
N			Col Aumento				46.2	46.2		
+4.07	C28	134	68x68	173.5	Design	C9	4	4	3.85	3.85
N			Col Aumento				46.2	46.2		
+4.07	C28	134	68x68	347	Design	C9	4	4	3.85	3.85
N			Col Aumento				46.2	46.2		
+4.07	C29	136	68x68	0	Design	C9-2	4	4	3.85	3.85
N			Col Aumento				46.2	46.2		
+4.07	C29	136	68x68	173.5	Design	C2	4	4	3.85	3.85
N			Col Aumento				46.2	46.2		
+4.07	C29	136	68x68	347	Design	C2	4	4	3.85	3.85

N			Col Aumento				46.2	46.2		
+4.07	C30	138	68x68	0	Design	C9	4	4	3.85	3.85
N			Col Aumento				46.2	46.2		
+4.07	C30	138	68x68	173.5	Design	C2	4	4	3.85	3.85
N			Col Aumento	347.0			46.2	46.2		
+4.07	C30	138	68x68	01	Design	C2	4	4	3.85	3.85
N							31.9	31.9		
+4.07	C31	140	COL C5 56x57	0	Design	C9-3	2	2	2.66	2.66
N							31.9	31.9		
+4.07	C31	140	COL C5 56x57	178.5	Design	C9	2	2	2.66	2.66
N							31.9	31.9		
+4.07	C31	140	COL C5 56x57	357	Design	C9	2	2	2.66	2.66
N			Col Aumento				46.2	46.2		
+4.07	C32	142	68x68	0	Design	C9-3	4	4	3.85	3.85
N			Col Aumento				46.2	46.2		
+4.07	C32	142	68x68	173.5	Design	C9	4	4	3.85	3.85
N			Col Aumento				46.2	46.2		
+4.07	C32	142	68x68	347	Design	C2	4	4	3.85	3.85
N			Col Aumento				46.2	46.2		
+4.07	C33	144	68x68	0	Design	C9-3	4	4	3.85	3.85
N			Col Aumento				46.2	46.2		
+4.07	C33	144	68x68	173.5	Design	C2	4	4	3.85	3.85
N			Col Aumento				46.2	46.2		
+4.07	C33	144	68x68	347	Design	C2	4	4	3.85	3.85
N			Col Aumento				46.2	64.7		
+4.07	C34	146	68x68	0	Design	C9	4	8	5.4	5.4
N			Col Aumento				46.2	46.9		
+4.07	C34	146	68x68	173.5	Design	C9	4	9	3.92	3.92
N			Col Aumento				46.2	57.9		
+4.07	C34	146	68x68	347	Design	C9	4	9	4.83	4.83

Ilustración 11 Acero requerido en columnas a Flexocompresión



Fuente. Elaboración INDESCO SAS BIC, julio 2023

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15.2. VIGAS

Diseño a Cortante en Vigas

TABLE: Concrete Beam Design Summary - ACI 318-19

Story	Label	Unique Name	DesignSect	Station	VCombo	VRebar	Sep Cortante 2#4	TLngCombo	TLngRebar	TTrnCombo	TTrnRebar	Sep Cortante 2#4
				m		m²/m	m		m²		m²/m	m
N+12.10	B1	22	VG Aumento 55x45	0.34	CC13-3	0.000073	0.35	CC13-3	0.000834	CC13	0.000022	0.30935252
N+12.10	B1	22	VG Aumento 55x45	0.82857	CC13-3	0.000069	0.37	CC13-3	0.000834	CC13	0.000022	0.30935252
N+12.10	B1	22	VG Aumento 55x45	1.31714	CC13-3	0.000062	0.42	CC13-3	0.000834	CC13	0.000022	0.30935252
N+12.10	B1	22	VG Aumento 55x45	1.80571	CC13-3	0.000052	0.50	CC13-3	0.000834	CC13	0.000022	0.30935252
N+12.10	B1	22	VG Aumento 55x45	2.29429	CC12-3	0.000046	0.56	CC13-3	0.000834	CC13	0.000022	0.30935252
N+12.10	B1	22	VG Aumento 55x45	2.78286	CC12-3	0.000046	0.56	CC13-3	0.000834	CC13	0.000022	0.30935252
N+12.10	B1	22	VG Aumento 55x45	3.27143	CC12-3	0.000046	0.56	CC13-3	0.000834	CC13	0.000022	0.30935252
N+12.10	B1	22	VG Aumento 55x45	3.76	CC12-3	0.000046	0.56	CC13-3	0.000834	CC13	0.000022	0.30935252
N+12.10	B1	22	VG Aumento 55x45	4.24857	CC12-3	0.000046	0.56	CC13-3	0.000834	CC13	0.000022	0.30935252
N+12.10	B1	22	VG Aumento 55x45	4.73714	CC12-3	0.000046	0.56	CC13-3	0.000834	CC13	0.000022	0.30935252
N+12.10	B1	22	VG Aumento 55x45	5.22572	CC13-3	0.000024	1.08	CC13-3	0.000834	CC13	0.000022	0.30935252
N+12.10	B1	22	VG Aumento 55x45	5.71429	CC13-3	0.000024	1.08	CC13-3	0.000834	CC13	0.000022	0.30935252
N+12.10	B1	22	VG Aumento 55x45	6.20286	CC13-3	0.000024	1.08	CC13-3	0.000834	CC13	0.000022	0.30935252
N+12.10	B1	22	VG Aumento 55x45	6.69143	CC13-3	0.000024	1.08	CC13-3	0.000834	CC13	0.000022	0.30935252

N+1 2.10	B1	22	VG Aumento 55x45	7.18	CC1 2-3	0.000 46	0.56	CC13-3	0.000 834	CC13	0.000 22	0.3093525 2
N+1 2.10	B1	22	VG Aumento 55x45	7.66 857	CC1 2-3	0.000 46	0.56	CC13-3	0.000 834	CC13	0.000 22	0.3093525 2
N+1 2.10	B1	22	VG Aumento 55x45	8.15 715	CC1 2-3	0.000 46	0.56	CC13-3	0.000 834	CC13	0.000 22	0.3093525 2
N+1 2.10	B1	22	VG Aumento 55x45	8.64 572	CC1 2-3	0.000 46	0.56	CC13-3	0.000 834	CC13	0.000 22	0.3093525 2
N+1 2.10	B1	22	VG Aumento 55x45	9.13 429	CC1 3	0.000 56	0.46	CC13-3	0.000 834	CC13	0.000 22	0.3093525 2
N+1 2.10	B1	22	VG Aumento 55x45	9.62 286	CC1 3	0.000 65	0.40	CC13-3	0.000 834	CC13	0.000 22	0.3093525 2
N+1 2.10	B1	22	VG Aumento 55x45	10.1 1143	CC1 3	0.000 73	0.35	CC13-3	0.000 834	CC13	0.000 22	0.3093525 2
N+1 2.10	B1	22	VG Aumento 55x45	10.6	CC1 3	0.000 75	0.34	CC13-3	0.000 834	CC13	0.000 22	0.3093525 2
N+1 2.10	B4	23	VG 40X45	0.34	CC1 3-3	0.000 69	0.37	CC13-3	0.000 656	CC13-3	0.000 28	0.3932926 8
N+1 2.10	B4	23	VG 40X45	0.81 816	CC1 3-3	0.000 67	0.39	CC13-3	0.000 656	CC13-3	0.000 28	0.3932926 8
N+1 2.10	B4	23	VG 40X45	1.29 632	CC1 3-3	0.000 61	0.42	CC13-3	0.000 656	CC13-3	0.000 28	0.3932926 8
N+1 2.10	B4	23	VG 40X45	1.77 447	CC1 3-3	0.000 53	0.49	CC13-3	0.000 656	CC13-3	0.000 28	0.3932926 8
N+1 2.10	B4	23	VG 40X45	2.25 263	CC1 3-3	0.000 43	0.60	CC13-3	0.000 656	CC13-3	0.000 28	0.3932926 8
N+1 2.10	B4	23	VG 40X45	2.73 079	CC1 3-2	0.000 33	0.78	CC13-3	0.000 656	CC13-3	0.000 28	0.3932926 8
N+1 2.10	B4	23	VG 40X45	3.20 895	CC1 3-2	0.000 33	0.78	CC13-3	0.000 656	CC13-3	0.000 28	0.3932926 8
N+1 2.10	B4	23	VG 40X45	3.68 711	CC1 3-2	0.000 33	0.78	CC13-3	0.000 656	CC13-3	0.000 28	0.3932926 8
N+1 2.10	B4	23	VG 40X45	4.16 527	CC1 2-2	0.000 12	2.15	CC13-3	0.000 656	CC13-3	0.000 28	0.3932926 8
N+1 2.10	B4	23	VG 40X45	4.64 342	CC1 2-2	0.000 12	2.15	CC13-3	0.000 656	CC13-3	0.000 28	0.3932926 8
N+1 2.10	B4	23	VG 40X45	5.12 158	CC1 2-2	0.000 12	2.15	CC13-3	0.000 656	CC13-3	0.000 28	0.3932926 8
N+1 2.10	B4	23	VG 40X45	5.59 974	CC1 3-2	0.000 33	0.78	CC13-3	0.000 656	CC13-3	0.000 28	0.3932926 8
N+1 2.10	B4	23	VG 40X45	6.07 79	CC1 3-2	0.000 33	0.78	CC13-3	0.000 656	CC13-3	0.000 28	0.3932926 8
N+1 2.10	B4	23	VG 40X45	6.55 606	CC1 3-2	0.000 33	0.78	CC13-3	0.000 656	CC13-3	0.000 28	0.3932926 8
N+1 2.10	B4	23	VG 40X45	7.03 421	CC1 3-2	0.000 33	0.78	CC13-3	0.000 656	CC13-3	0.000 28	0.3932926 8
N+1 2.10	B4	23	VG 40X45	7.51 237	CC1 3	0.000 34	0.76	CC13-3	0.000 656	CC13-3	0.000 28	0.3932926 8

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N+1				7.99	CC1	0.000		CC13-	0.000	CC13-	0.000	0.3932926
2.10	B4	23	VG 40X45	053	3	43	0.60	3	656	3	28	8
N+1				8.46	CC1	0.000		CC13-	0.000	CC13-	0.000	0.3932926
2.10	B4	23	VG 40X45	869	3	51	0.51	3	656	3	28	8
N+1				8.94	CC1	0.000		CC13-	0.000	CC13-	0.000	0.3932926
2.10	B4	23	VG 40X45	685	3	57	0.45	3	656	3	28	8
N+1				9.42	CC1	0.000		CC13-	0.000	CC13-	0.000	0.3932926
2.10	B4	23	VG 40X45	501	3	61	0.42	3	656	3	28	8
N+1					CC1	0.000		CC13-	0.000		0.000	0.3932926
2.10	B8	25	VG 40X45	0.28	3	12	2.15	3	656	CC13	11	8
N+1				0.77	CC1	0.000		CC13-	0.000		0.000	0.3932926
2.10	B8	25	VG 40X45	334	3	12	2.15	3	656	CC13	11	8
N+1				1.26	CC1	0.000		CC13-	0.000		0.000	0.3932926
2.10	B8	25	VG 40X45	667	3	12	2.15	3	656	CC13	11	8
N+1				1.76	CC1	0.000		CC13-	0.000		0.000	0.3932926
2.10	B8	25	VG 40X45	001	3	12	2.15	3	656	CC13	11	8
N+1				1.76	CC1	0.000		CC13-	0.000		0.000	0.3932926
2.10	B8	25	VG 40X45	001	3	12	2.15	3	656	CC13	11	8
N+1				2.22	CC1	0.000		CC13-	0.000		0.000	0.3932926
2.10	B8	25	VG 40X45	601	3	12	2.15	3	656	CC13	11	8
N+1				2.69	CC1	0.000		CC13-	0.000		0.000	0.3932926
2.10	B8	25	VG 40X45	201	3	12	2.15	3	656	CC13	11	8
N+1				3.15	CC1	0.000		CC13-	0.000		0.000	0.3932926
2.10	B8	25	VG 40X45	801	3	12	2.15	3	656	CC13	11	8
N+1				3.62	CC1	0.000		CC13-	0.000		0.000	0.3932926
2.10	B8	25	VG 40X45	401	3	12	2.15	3	656	CC13	11	8
N+1				4.09	CC1	0.000		CC13-	0.000		0.000	0.3932926
2.10	B8	25	VG 40X45	002	3	12	2.15	3	656	CC13	11	8
N+1				4.09	CC1	0.000		CC13-	0.000		0.000	0.3932926
2.10	B8	25	VG 40X45	002	3	12	2.15	3	656	CC13	11	8
N+1				4.51	CC1	0.000		CC13-	0.000		0.000	0.3932926
2.10	B8	25	VG 40X45	402	3	12	2.15	3	656	CC13	11	8
N+1				4.93	CC1	0.000		CC13-	0.000		0.000	0.3932926
2.10	B8	25	VG 40X45	803	3	12	2.15	3	656	CC13	11	8
N+1				5.36	CC1	0.000		CC13-	0.000		0.000	0.3932926
2.10	B8	25	VG 40X45	203	3	12	2.15	3	656	CC13	11	8
N+1				5.78	CC1	0.000		CC13-	0.000		0.000	0.3932926
2.10	B8	25	VG 40X45	604	3	12	2.15	3	656	CC13	11	8
N+1				6.21	CC1	0.000		CC13-	0.000		0.000	0.3932926
2.10	B8	25	VG 40X45	004	3	12	2.15	3	656	CC13	11	8
N+1				6.21	CC1	0.000		CC13-	0.000	CC13-	0.000	0.3932926
2.10	B8	25	VG 40X45	004	3-3	33	0.78	3	656	2	13	8
N+1				6.70	CC1	0.000		CC13-	0.000	CC13-	0.000	0.3932926
2.10	B8	25	VG 40X45	615	2-1	13	1.98	3	656	2	13	8
N+1				7.20	CC1	0.000		CC13-	0.000	CC13-	0.000	0.3932926
2.10	B8	25	VG 40X45	226	2-1	13	1.98	3	656	2	13	8
N+1				7.69	CC1	0.000		CC13-	0.000	CC13-	0.000	0.3932926
2.10	B8	25	VG 40X45	837	2-1	13	1.98	3	656	2	13	8
N+1				8.19	CC1	0.000		CC13-	0.000	CC13-	0.000	0.3932926
2.10	B8	25	VG 40X45	449	2-1	13	1.98	3	656	2	13	8
N+1				8.69	CC1	0.000		CC13-	0.000	CC13-	0.000	0.3932926
2.10	B8	25	VG 40X45	06	2-1	13	1.98	3	656	2	13	8
N+1				9.18	CC1	0.000		CC13-	0.000	CC13-	0.000	0.3932926
2.10	B8	25	VG 40X45	671	2-1	13	1.98	3	656	2	13	8
N+1				9.68	CC1	0.000		CC13-	0.000	CC13-	0.000	0.3932926
2.10	B8	25	VG 40X45	282	2-2	33	0.78	3	656	2	13	8

N+1 2.10	B8	25	VG 40X45	10.1 7893	CC1 3-1	0.000 33	0.78	CC13-3	0.000 656	CC13-2	0.000 13	0.3932926 8
N+1 2.10	B8	25	VG 40X45	10.6 7504	CC1 3-1	0.000 33	0.78	CC13-3	0.000 656	CC13-2	0.000 13	0.3932926 8
N+1 2.10	B9	36	VG Aumento 50x45	0.28 5	CC1 3-3	0.000 42	0.61	CC13-3	0.000 779	CC13	0.000 11	0.3311938 4
N+1 2.10	B9	36	VG Aumento 50x45	0.73 975	CC1 3-3	0.000 42	0.61	CC13-3	0.000 779	CC13	0.000 11	0.3311938 4
N+1 2.10	B9	36	VG Aumento 50x45	1.19 45	CC1 3-3	0.000 42	0.61	CC13-3	0.000 779	CC13	0.000 11	0.3311938 4
N+1 2.10	B9	36	VG Aumento 50x45	1.64 925	CC1 3-3	0.000 42	0.61	CC13-3	0.000 779	CC13	0.000 11	0.3311938 4
N+1 2.10	B9	36	VG Aumento 50x45	2.10 4	CC1 3-3	0.000 42	0.61	CC13-3	0.000 779	CC13	0.000 11	0.3311938 4
N+1 2.10	B9	36	VG Aumento 50x45	2.55 875	CC1 3-3	0.000 42	0.61	CC13-3	0.000 779	CC13	0.000 11	0.3311938 4
N+1 2.10	B9	36	VG Aumento 50x45	3.01 35	CC1 3-3	0.000 42	0.61	CC13-3	0.000 779	CC13	0.000 11	0.3311938 4
N+1 2.10	B9	36	VG Aumento 50x45	3.46 825	CC1 3	0.000 2	1.29	CC13-3	0.000 779	CC13	0.000 11	0.3311938 4
N+1 2.10	B9	36	VG Aumento 50x45	3.92 3	CC1 3	0.000 2	1.29	CC13-3	0.000 779	CC13	0.000 11	0.3311938 4
N+1 2.10	B9	36	VG Aumento 50x45	4.37 775	CC1 3	0.000 2	1.29	CC13-3	0.000 779	CC13	0.000 11	0.3311938 4
N+1 2.10	B9	36	VG Aumento 50x45	4.83 25	CC1 3	0.000 2	1.29	CC13-3	0.000 779	CC13	0.000 11	0.3311938 4
N+1 2.10	B9	36	VG Aumento 50x45	4.83 25	CC1 3	0.000 2	1.29	CC13-3	0.000 779	CC13	0.000 11	0.3311938 4
N+1 2.10	B9	36	VG Aumento 50x45	5.28 775	CC1 3	0.000 2	1.29	CC13-3	0.000 779	CC13	0.000 11	0.3311938 4
N+1 2.10	B9	36	VG Aumento 50x45	5.74 3	CC1 3	0.000 2	1.29	CC13-3	0.000 779	CC13	0.000 11	0.3311938 4
N+1 2.10	B9	36	VG Aumento 50x45	6.19 825	CC1 3	0.000 2	1.29	CC13-3	0.000 779	CC13	0.000 11	0.3311938 4
N+1 2.10	B9	36	VG Aumento 50x45	6.65 35	CC1 3-2	0.000 42	0.61	CC13-3	0.000 779	CC13	0.000 11	0.3311938 4
N+1 2.10	B9	36	VG Aumento 50x45	7.10 875	CC1 3-3	0.000 42	0.61	CC13-3	0.000 779	CC13	0.000 11	0.3311938 4

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N+1 2.10	B9	36	VG Aumento 50x45	7.56 4	CC1 3-3	0.000 42	0.61	CC13-3	0.000 779	CC13	0.000 11	0.3311938 4
N+1 2.10	B9	36	VG Aumento 50x45	8.01 925	CC1 3-3	0.000 42	0.61	CC13-3	0.000 779	CC13	0.000 11	0.3311938 4
N+1 2.10	B9	36	VG Aumento 50x45	8.47 45	CC1 3-3	0.000 42	0.61	CC13-3	0.000 779	CC13	0.000 11	0.3311938 4
N+1 2.10	B9	36	VG Aumento 50x45	8.92 975	CC1 3-3	0.000 42	0.61	CC13-3	0.000 779	CC13	0.000 11	0.3311938 4
N+1 2.10	B9	36	VG Aumento 50x45	9.38 501	CC1 3-3	0.000 42	0.61	CC13-3	0.000 779	CC13	0.000 11	0.3311938 4
N+1 2.10	B1 4	26	VG Aumento 55x45	0.34	CC1 3-1	0.000 51	0.51	CC13-3	0.000 834	CC13	0.000 15	0.3093525 2
N+1 2.10	B1 4	26	VG Aumento 55x45	0.81 65	CC1 3-1	0.000 46	0.56	CC13-3	0.000 834	CC13	0.000 15	0.3093525 2
N+1 2.10	B1 4	26	VG Aumento 55x45	1.29 3	CC1 3-3	0.000 46	0.56	CC13-3	0.000 834	CC13	0.000 15	0.3093525 2
N+1 2.10	B1 4	26	VG Aumento 55x45	1.76 95	CC1 3-3	0.000 46	0.56	CC13-3	0.000 834	CC13	0.000 15	0.3093525 2
N+1 2.10	B1 4	26	VG Aumento 55x45	2.24 6	CC1 3-3	0.000 46	0.56	CC13-3	0.000 834	CC13	0.000 15	0.3093525 2
N+1 2.10	B1 4	26	VG Aumento 55x45	2.72 25	CC1 3-3	0.000 46	0.56	CC13-3	0.000 834	CC13	0.000 15	0.3093525 2
N+1 2.10	B1 4	26	VG Aumento 55x45	3.19 901	CC1 3-3	0.000 46	0.56	CC13-3	0.000 834	CC13	0.000 15	0.3093525 2
N+1 2.10	B1 4	26	VG Aumento 55x45	3.67 551	CC1 3-3	0.000 46	0.56	CC13-3	0.000 834	CC13	0.000 15	0.3093525 2
N+1 2.10	B1 4	26	VG Aumento 55x45	4.15 201	CC1 3-3	0.000 46	0.56	CC13-3	0.000 834	CC13	0.000 15	0.3093525 2
N+1 2.10	B1 4	26	VG Aumento 55x45	4.62 851	CC1 3-2	0.000 23	1.12	CC13-3	0.000 834	CC13	0.000 15	0.3093525 2
N+1 2.10	B1 4	26	VG Aumento 55x45	5.10 501	CC1 3-2	0.000 23	1.12	CC13-3	0.000 834	CC13	0.000 15	0.3093525 2
N+1 2.10	B1 4	26	VG Aumento 55x45	5.58 151	CC1 3-2	0.000 23	1.12	CC13-3	0.000 834	CC13	0.000 15	0.3093525 2
N+1 2.10	B1 4	26	VG Aumento 55x45	6.05 801	CC1 3-2	0.000 23	1.12	CC13-3	0.000 834	CC13	0.000 15	0.3093525 2

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N+12.10	B14	26	VG Aumento 55x45	6.53451	CC13-3	0.00046	0.56	CC13-3	0.000834	CC13	0.00015	0.3093525		
N+12.10	B14	26	VG Aumento 55x45	7.01101	CC13-3	0.00046	0.56	CC13-3	0.000834	CC13	0.00015	0.3093525		
N+12.10	B14	26	VG Aumento 55x45	7.48751	CC13-3	0.00046	0.56	CC13-3	0.000834	CC13	0.00015	0.3093525		
N+12.10	B14	26	VG Aumento 55x45	7.96402	CC13-3	0.00046	0.56	CC13-3	0.000834	CC13	0.00015	0.3093525		
N+12.10	B14	26	VG Aumento 55x45	8.44052	CC13-3	0.00046	0.56	CC13-3	0.000834	CC13	0.00015	0.3093525		
N+12.10	B14	26	VG Aumento 55x45	8.91702	CC13-3	0.00046	0.56	CC13-3	0.000834	CC13	0.00015	0.3093525		
N+12.10	B14	26	VG Aumento 55x45	9.39352	CC13-2	0.00048	0.54	CC13-3	0.000834	CC13	0.00015	0.3093525		
N+12.10	B14	26	VG Aumento 55x45	9.87002	CC13-2	0.00053	0.49	CC13-3	0.000834	CC13	0.00015	0.3093525		
N+12.10	B16	27	VG Aumento 60X60	0.34	CC13-3	0.00113	0.23	CC13-3	0.00125	CC13-3	0.00025	0.2064		
N+12.10	B16	27	VG Aumento 60X60	0.83842	CC13-3	0.00106	0.24	CC13-3	0.00125	CC13-3	0.00025	0.2064		
N+12.10	B16	27	VG Aumento 60X60	1.33684	CC13-3	0.00097	0.27	CC13-3	0.00125	CC13-3	0.00025	0.2064		
N+12.10	B16	27	VG Aumento 60X60	1.83527	CC13-3	0.00084	0.31	CC13-3	0.00125	CC13-3	0.00025	0.2064		
N+12.10	B16	27	VG Aumento 60X60	2.33369	CC13-3	0.00069	0.37	CC13-3	0.00125	CC13-3	0.00025	0.2064		
N+12.10	B16	27	VG Aumento 60X60	2.83211	CC13-3	0.0005	0.52	CC13-3	0.00125	CC13-3	0.00025	0.2064		
N+12.10	B16	27	VG Aumento 60X60	3.33053	CC13-2	0.0005	0.52	CC13-3	0.00125	CC13-3	0.00025	0.2064		
N+12.10	B16	27	VG Aumento 60X60	3.82895	CC13-2	0.0005	0.52	CC13-3	0.00125	CC13-3	0.00025	0.2064		
N+12.10	B16	27	VG Aumento 60X60	4.32738	CC13-1	0.00012	2.15	CC13-3	0.00125	CC13-3	0.00025	0.2064		
N+12.10	B16	27	VG Aumento 60X60	4.8258	CC13-1	0.00012	2.15	CC13-3	0.00125	CC13-3	0.00025	0.2064		

N+1 2.10	B1 6	27	VG Aumento 60X60	5.32 422	CC1 3-2	0.000 5	0.52	CC13-3	0.001 25	CC13-3	0.000 25	0.2064
N+1 2.10	B1 6	27	VG Aumento 60X60	5.82 264	CC1 3-2	0.000 5	0.52	CC13-3	0.001 25	CC13-3	0.000 25	0.2064
N+1 2.10	B1 6	27	VG Aumento 60X60	6.32 107	CC1 3-2	0.000 5	0.52	CC13-3	0.001 25	CC13-3	0.000 25	0.2064
N+1 2.10	B1 6	27	VG Aumento 60X60	6.81 949	CC1 3-2	0.000 5	0.52	CC13-3	0.001 25	CC13-3	0.000 25	0.2064
N+1 2.10	B1 6	27	VG Aumento 60X60	7.31 791	CC1 3	0.000 58	0.44	CC13-3	0.001 25	CC13-3	0.000 25	0.2064
N+1 2.10	B1 6	27	VG Aumento 60X60	7.81 633	CC1 3	0.000 77	0.34	CC13-3	0.001 25	CC13-3	0.000 25	0.2064
N+1 2.10	B1 6	27	VG Aumento 60X60	8.31 475	CC1 3	0.000 92	0.28	CC13-3	0.001 25	CC13-3	0.000 25	0.2064
N+1 2.10	B1 6	27	VG Aumento 60X60	8.81 318	CC1 3	0.001 04	0.25	CC13-3	0.001 25	CC13-3	0.000 25	0.2064
N+1 2.10	B1 6	27	VG Aumento 60X60	9.31 16	CC1 3	0.001 14	0.23	CC13-3	0.001 25	CC13-3	0.000 25	0.2064
N+1 2.10	B1 6	27	VG Aumento 60X60	9.81 002	CC1 3	0.001 2	0.22	CC13-3	0.001 25	CC13-3	0.000 25	0.2064
N+1 2.10	B1 7	28	VG Aumento 50x45	0.34	CC1 3-3	0.000 68	0.38	CC13-3	0.000 779	CC13-3	0.000 11	0.3311938 4
N+1 2.10	B1 7	28	VG Aumento 50x45	0.79 9	CC1 3-3	0.000 62	0.42	CC13-3	0.000 779	CC13-3	0.000 11	0.3311938 4
N+1 2.10	B1 7	28	VG Aumento 50x45	1.25 8	CC1 3-3	0.000 51	0.51	CC13-3	0.000 779	CC13-3	0.000 11	0.3311938 4
N+1 2.10	B1 7	28	VG Aumento 50x45	1.71 7	CC1 3-2	0.000 42	0.61	CC13-3	0.000 779	CC13-3	0.000 11	0.3311938 4
N+1 2.10	B1 7	28	VG Aumento 50x45	2.17 6	CC1 3-1	0.000 42	0.61	CC13-3	0.000 779	CC13-3	0.000 11	0.3311938 4
N+1 2.10	B1 7	28	VG Aumento 50x45	2.63 5	CC1 3-2	0.000 42	0.61	CC13-3	0.000 779	CC13-3	0.000 11	0.3311938 4
N+1 2.10	B1 7	28	VG Aumento 50x45	3.09 401	CC1 3-2	0.000 42	0.61	CC13-3	0.000 779	CC13-3	0.000 11	0.3311938 4
N+1 2.10	B1 7	28	VG Aumento 50x45	3.55 301	CC1 3-2	0.000 42	0.61	CC13-3	0.000 779	CC13-3	0.000 11	0.3311938 4

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N+1 2.10	B1 7	28	VG Aumento 50x45	4.01 201	CC1 3-2	0.000 42	0.61	CC13-3	0.000 779	CC13-3	0.000 11	0.3311938 4
N+1 2.10	B1 7	28	VG Aumento 50x45	4.47 101	CC1 3-2	0.000 42	0.61	CC13-3	0.000 779	CC13-3	0.000 11	0.3311938 4
N+1 2.10	B1 7	28	VG Aumento 50x45	4.93 001	CC1 3-2	0.000 42	0.61	CC13-3	0.000 779	CC13-3	0.000 11	0.3311938 4
N+1 2.10	B2	29	VG 40X45	0.27	CC1 3-3	0		CC13-3	0.000 531	CC13	0.000 3	0.4858757 1
N+1 2.10	B2	29	VG 40X45	0.71 6	CC1 3-3	0		CC13-3	0.000 531	CC13	0.000 3	0.4858757 1
N+1 2.10	B2	29	VG 40X45	1.16 2	CC1 3-3	0		CC13-3	0.000 531	CC13	0.000 3	0.4858757 1
N+1 2.10	B2	29	VG 40X45	1.60 8	CC1 3-3	0		CC13-3	0.000 531	CC13	0.000 3	0.4858757 1
N+1 2.10	B2	29	VG 40X45	2.05 4	CC1 3-3	0		CC13-3	0.000 531	CC13	0.000 3	0.4858757 1
N+1 2.10	B2	29	VG 40X45	2.5	CC1 3-3	0		CC13-3	0.000 531	CC13	0.000 3	0.4858757 1
N+1 2.10	B2	29	VG 40X45	2.5	CC1 3-3	0.000 87	0.30	CC13-3	0.000 656	CC13	0.000 21	0.3932926 8
N+1 2.10	B2	29	VG 40X45	2.99 033	CC1 3-3	0.000 82	0.31	CC13-3	0.000 656	CC13	0.000 21	0.3932926 8
N+1 2.10	B2	29	VG 40X45	3.48 067	CC1 3-3	0.000 68	0.38	CC13-3	0.000 656	CC13	0.000 21	0.3932926 8
N+1 2.10	B2	29	VG 40X45	3.97 1	CC1 3-3	0.000 51	0.51	CC13-3	0.000 656	CC13	0.000 21	0.3932926 8
N+1 2.10	B2	29	VG 40X45	4.46 133	CC1 3-3	0.000 33	0.78	CC13-3	0.000 656	CC13	0.000 21	0.3932926 8
N+1 2.10	B2	29	VG 40X45	4.95 167	CC1 3-3	0.000 33	0.78	CC13-3	0.000 656	CC13	0.000 21	0.3932926 8
N+1 2.10	B2	29	VG 40X45	5.44 2	CC1 3-3	0.000 33	0.78	CC13-3	0.000 656	CC13	0.000 21	0.3932926 8
N+1 2.10	B2	29	VG 40X45	5.93 233	CC1 3-3	0.000 33	0.78	CC13-3	0.000 656	CC13	0.000 21	0.3932926 8
N+1 2.10	B2	29	VG 40X45	6.42 267	CC1 3-3	0		CC13-3	0.000 656	CC13	0.000 21	0.3932926 8
N+1 2.10	B2	29	VG 40X45	6.91 3	CC1 3-3	0.000 33	0.78	CC13-3	0.000 656	CC13	0.000 21	0.3932926 8
N+1 2.10	B2	29	VG 40X45	7.40 333	CC1 3-3	0.000 33	0.78	CC13-3	0.000 656	CC13	0.000 21	0.3932926 8
N+1 2.10	B2	29	VG 40X45	7.89 367	CC1 3-1	0.000 33	0.78	CC13-3	0.000 656	CC13	0.000 21	0.3932926 8
N+1 2.10	B2	29	VG 40X45	8.38 4	CC1 3-3	0.000 33	0.78	CC13-3	0.000 656	CC13	0.000 21	0.3932926 8
N+1 2.10	B2	29	VG 40X45	8.87 433	CC1 3-3	0.000 33	0.78	CC13-3	0.000 656	CC13	0.000 21	0.3932926 8
N+1 2.10	B2	29	VG 40X45	9.36 467	CC1 3	0.000 39	0.66	CC13-3	0.000 656	CC13	0.000 21	0.3932926 8
N+1 2.10	B2	29	VG 40X45	9.85 5	CC1 3	0.000 43	0.60	CC13-3	0.000 656	CC13	0.000 21	0.3932926 8
N+1 2.10	B3	30	VG 40X45	0.27	CC1 3-1	0.000 33	0.78	CC13-3	0.000 656	CC13-3	0.000 12	0.3932926 8

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N+1 2.10	B3	30	VG 40X45	0.737	CC1 3-2	0.000 33	0.78	CC13-3	0.000 656	CC13-3	0.000 12	0.3932926 8
N+1 2.10	B3	30	VG 40X45	1.204	CC1 3-2	0.000 33	0.78	CC13-3	0.000 656	CC13-3	0.000 12	0.3932926 8
N+1 2.10	B3	30	VG 40X45	1.671	CC1 3-2	0.000 33	0.78	CC13-3	0.000 656	CC13-3	0.000 12	0.3932926 8
N+1 2.10	B3	30	VG 40X45	2.138	CC1 3-2	0.000 33	0.78	CC13-3	0.000 656	CC13-3	0.000 12	0.3932926 8
N+1 2.10	B3	30	VG 40X45	2.605	CC1 3-2	0.000 33	0.78	CC13-3	0.000 656	CC13-3	0.000 12	0.3932926 8
N+1 2.10	B3	30	VG 40X45	3.072	CC1 3-2	0.000 33	0.78	CC13-3	0.000 656	CC13-3	0.000 12	0.3932926 8
N+1 2.10	B3	30	VG 40X45	3.539	CC1 3-2	0.000 33	0.78	CC13-3	0.000 656	CC13-3	0.000 12	0.3932926 8
N+1 2.10	B3	30	VG 40X45	4.006	CC1 3-2	0.000 33	0.78	CC13-3	0.000 656	CC13-3	0.000 12	0.3932926 8
N+1 2.10	B3	30	VG 40X45	4.473	CC1 3-2	0.000 33	0.78	CC13-3	0.000 656	CC13-3	0.000 12	0.3932926 8
N+1 2.10	B3	30	VG 40X45	4.94	CC1 3-2	0.000 33	0.78	CC13-3	0.000 656	CC13-3	0.000 12	0.3932926 8
N+1 2.10	B2 5	33	VG Aumento 50x45	0.34	CC1 3-3	0.000 42	0.61	CC13-3	0.000 779	CC13	0.000 12	0.3311938 4
N+1 2.10	B2 5	33	VG Aumento 50x45	0.81 685	CC1 3-3	0.000 42	0.61	CC13-3	0.000 779	CC13	0.000 12	0.3311938 4
N+1 2.10	B2 5	33	VG Aumento 50x45	1.29 369	CC1 3-3	0.000 42	0.61	CC13-3	0.000 779	CC13	0.000 12	0.3311938 4
N+1 2.10	B2 5	33	VG Aumento 50x45	1.77 054	CC1 3-3	0.000 42	0.61	CC13-3	0.000 779	CC13	0.000 12	0.3311938 4
N+1 2.10	B2 5	33	VG Aumento 50x45	2.24 738	CC1 3-3	0.000 42	0.61	CC13-3	0.000 779	CC13	0.000 12	0.3311938 4
N+1 2.10	B2 5	33	VG Aumento 50x45	2.72 423	CC1 3-3	0.000 42	0.61	CC13-3	0.000 779	CC13	0.000 12	0.3311938 4
N+1 2.10	B2 5	33	VG Aumento 50x45	3.20 107	CC1 3-3	0.000 42	0.61	CC13-3	0.000 779	CC13	0.000 12	0.3311938 4
N+1 2.10	B2 5	33	VG Aumento 50x45	3.67 792	CC1 3-3	0.000 42	0.61	CC13-3	0.000 779	CC13	0.000 12	0.3311938 4
N+1 2.10	B2 5	33	VG Aumento 50x45	4.15 476	CC1 2-2	0.000 2	1.29	CC13-3	0.000 779	CC13	0.000 12	0.3311938 4
N+1 2.10	B2 5	33	VG Aumento 50x45	4.63 161	CC1 2-2	0.000 2	1.29	CC13-3	0.000 779	CC13	0.000 12	0.3311938 4
N+1 2.10	B2 5	33	VG Aumento 50x45	5.10 845	CC1 2-2	0.000 2	1.29	CC13-3	0.000 779	CC13	0.000 12	0.3311938 4
N+1 2.10	B2 5	33	VG Aumento 50x45	5.58 53	CC1 2-2	0.000 2	1.29	CC13-3	0.000 779	CC13	0.000 12	0.3311938 4

			VG										
N+1	B2		Aumento	6.06	CC1	0.000		CC13-	0.000		0.000	0.3311938	
2.10	5	33	50x45	215	3-2	42	0.61	3	779	CC13	12	4	
			VG										
N+1	B2		Aumento	6.53	CC1	0.000		CC13-	0.000		0.000	0.3311938	
2.10	5	33	50x45	899	3-3	42	0.61	3	779	CC13	12	4	
			VG										
N+1	B2		Aumento	7.01	CC1	0.000		CC13-	0.000		0.000	0.3311938	
2.10	5	33	50x45	584	3-3	42	0.61	3	779	CC13	12	4	
			VG										
N+1	B2		Aumento	7.49	CC1	0.000		CC13-	0.000		0.000	0.3311938	
2.10	5	33	50x45	268	3-3	42	0.61	3	779	CC13	12	4	
			VG										
N+1	B2		Aumento	7.96	CC1	0.000		CC13-	0.000		0.000	0.3311938	
2.10	5	33	50x45	953	3-3	42	0.61	3	779	CC13	12	4	
			VG										
N+1	B2		Aumento	8.44	CC1	0.000		CC13-	0.000		0.000	0.3311938	
2.10	5	33	50x45	637	3-3	42	0.61	3	779	CC13	12	4	
			VG										
N+1	B2		Aumento	8.92	CC1	0.000		CC13-	0.000		0.000	0.3311938	
2.10	5	33	50x45	322	3-3	42	0.61	3	779	CC13	12	4	
			VG										
N+1	B2		Aumento	9.40	CC1	0.000		CC13-	0.000		0.000	0.3311938	
2.10	5	33	50x45	006	3-3	42	0.61	3	779	CC13	12	4	
N+1	B4				CC1	0.000		CC13-	0.000	CC13-	0.000	0.5489361	
2.10	4	79	VG 20X45	0	2-3	05	5.16	3	47	1	5	7	
N+1	B4			0.44	CC1	0.000		CC13-	0.000	CC13-	0.000	0.5489361	
2.10	4	79	VG 20X45	464	2-3	03	8.60	3	47	1	5	7	
N+1	B4			0.88	CC1	0.000		CC13-	0.000	CC13-	0.000	0.5489361	
2.10	4	79	VG 20X45	928	3	04	6.45	3	47	1	5	7	
N+1	B4			1.33	CC1	0.000		CC13-	0.000	CC13-	0.000	0.5489361	
2.10	4	79	VG 20X45	392	3	08	3.23	3	47	1	5	7	
N+1	B4			1.77	CC1	0.000		CC13-	0.000	CC13-	0.000	0.5489361	
2.10	4	79	VG 20X45	856	3	1	2.58	3	47	1	5	7	
N+1	B4			1.77	CC1	0.000		CC13-		CC13-			
2.10	4	79	VG 20X45	856	3-3	17	1.52	3	0	3	0		
N+1	B4			2.24	CC1			CC13-		CC13-			
2.10	4	79	VG 20X45	456	3-3	0		3	0	3	0		
N+1	B4			2.71	CC1			CC13-		CC13-			
2.10	4	79	VG 20X45	056	3-3	0		3	0	3	0		
N+1	B4			3.17	CC1			CC13-		CC13-			
2.10	4	79	VG 20X45	656	3-3	0		3	0	3	0		
N+1	B4			3.64	CC1	0.000		CC13-		CC13-			
2.10	4	79	VG 20X45	256	3-2	17	1.52	3	0	3	0		
N+1	B4			4.10	CC1	0.000		CC13-		CC13-			
2.10	4	79	VG 20X45	856	3-2	17	1.52	3	0	3	0		
N+1	B4			4.10	CC1			CC13-	0.000		0.000	0.3722943	
2.10	4	79	VG 20X45	856	3	0		3	693	CC13	73	7	
N+1	B4			4.53	CC1			CC13-	0.000		0.000	0.3722943	
2.10	4	79	VG 20X45	256	3	0		3	693	CC13	73	7	
N+1	B4			4.95	CC1			CC13-	0.000		0.000	0.3722943	
2.10	4	79	VG 20X45	657	3	0		3	693	CC13	73	7	
N+1	B4			5.38	CC1			CC13-	0.000		0.000	0.3722943	
2.10	4	79	VG 20X45	057	3	0		3	693	CC13	73	7	
N+1	B4			5.80	CC1			CC13-	0.000		0.000	0.3722943	
2.10	4	79	VG 20X45	457	3	0		3	693	CC13	73	7	

N+1 2.10	B4 4	79	VG 20X45	6.22 857	CC1 3	0		CC13-3	0.000 693	CC13	0.000 73	0.3722943 7
N+1 2.10	B2 7	66	VG 40X45	0.28	CC1 3-3	0.000 12	2.15	CC13-3	0.000 656	CC13-3	0.000 1	0.3932926 8
N+1 2.10	B2 7	66	VG 40X45	0.65 75	CC1 3-3	0.000 12	2.15	CC13-3	0.000 656	CC13-3	0.000 1	0.3932926 8
N+1 2.10	B2 7	66	VG 40X45	1.03 5	CC1 3-3	0.000 12	2.15	CC13-3	0.000 656	CC13-3	0.000 1	0.3932926 8
N+1 2.10	B2 7	66	VG 40X45	1.41 25	CC1 3-3	0.000 12	2.15	CC13-3	0.000 656	CC13-3	0.000 1	0.3932926 8
N+1 2.10	B2 7	66	VG 40X45	1.79	CC1 3-3	0.000 12	2.15	CC13-3	0.000 656	CC13-3	0.000 1	0.3932926 8
N+1 2.10	B2 7	66	VG 40X45	1.79	CC1 3-3	0.000 12	2.15	CC13-3	0.000 656	CC13-3	0.000 1	0.3932926 8
N+1 2.10	B2 7	66	VG 40X45	2.25 6	CC1 3-3	0.000 12	2.15	CC13-3	0.000 656	CC13-3	0.000 1	0.3932926 8
N+1 2.10	B2 7	66	VG 40X45	2.72 2	CC1 3-3	0.000 12	2.15	CC13-3	0.000 656	CC13-3	0.000 1	0.3932926 8
N+1 2.10	B2 7	66	VG 40X45	3.18 8	CC1 3-3	0.000 12	2.15	CC13-3	0.000 656	CC13-3	0.000 1	0.3932926 8
N+1 2.10	B2 7	66	VG 40X45	3.65 4	CC1 3-3	0.000 12	2.15	CC13-3	0.000 656	CC13-3	0.000 1	0.3932926 8
N+1 2.10	B2 7	66	VG 40X45	4.12	CC1 3-2	0.000 33	0.78	CC13-3	0.000 656	CC13-3	0.000 1	0.3932926 8
N+1 2.10	B2 7	66	VG 40X45	4.12	CC1 3-2	0.000 33	0.78	CC13-3	0.000 656	CC13-3	0.000 1	0.3932926 8
N+1 2.10	B2 7	66	VG 40X45	4.54 4	CC1 3-3	0.000 12	2.15	CC13-3	0.000 656	CC13-3	0.000 1	0.3932926 8
N+1 2.10	B2 7	66	VG 40X45	4.96 8	CC1 3-3	0.000 12	2.15	CC13-3	0.000 656	CC13-3	0.000 1	0.3932926 8
N+1 2.10	B2 7	66	VG 40X45	5.39 2	CC1 3-3	0.000 12	2.15	CC13-3	0.000 656	CC13-3	0.000 1	0.3932926 8
N+1 2.10	B2 7	66	VG 40X45	5.81 6	CC1 3-3	0.000 12	2.15	CC13-3	0.000 656	CC13-3	0.000 1	0.3932926 8
N+1 2.10	B2 7	66	VG 40X45	6.24	CC1 3-2	0.000 33	0.78	CC13-3	0.000 656	CC13-3	0.000 1	0.3932926 8
N+1 2.10	B3 0	77	VG Aumento 50x45	0	CC1 3-3	0.000 71	0.36	CC13-3	0.000 779	CC13-3	0.000 42	0.3311938 4
N+1 2.10	B3 0	77	VG Aumento 50x45	0.48 889	CC1 3-3	0.000 49	0.53	CC13-3	0.000 779	CC13-3	0.000 42	0.3311938 4
N+1 2.10	B3 0	77	VG Aumento 50x45	0.97 778	CC1 3-3	0.000 27	0.96	CC13-3	0.000 779	CC13-3	0.000 42	0.3311938 4
N+1 2.10	B3 0	77	VG Aumento 50x45	1.46 667	CC1 2	0.000 06	4.30	CC13-3	0.000 779	CC13-3	0.000 42	0.3311938 4
N+1 2.10	B3 0	77	VG Aumento 50x45	1.95 556	CC1 2	0.000 06	4.30	CC13-3	0.000 779	CC13-3	0.000 42	0.3311938 4
N+1 2.10	B3 0	77	VG Aumento 50x45	2.44 444	CC1 2	0.000 06	4.30	CC13-3	0.000 779	CC13-3	0.000 42	0.3311938 4

N+1 2.10	B3 0	77	VG Aumento 50x45	2.93 333	CC1 2	0.000 06	4.30	CC13- 3	0.000 779	CC13- 3	0.000 42	0.3311938 4
N+1 2.10	B3 0	77	VG Aumento 50x45	3.42 222	CC1 3	0.000 19	1.36	CC13- 3	0.000 779	CC13- 3	0.000 42	0.3311938 4
N+1 2.10	B3 0	77	VG Aumento 50x45	3.91 111	CC1 3	0.000 3	0.86	CC13- 3	0.000 779	CC13- 3	0.000 42	0.3311938 4
N+1 2.10	B3 0	77	VG Aumento 50x45	4.4	CC1 3	0.000 37	0.70	CC13- 3	0.000 779	CC13- 3	0.000 42	0.3311938 4
N+1 2.10	B3 7	99	VG 40X45	0.27	CC1 3-1	0.002 67	0.10	CC13- 3	0.000 635	CC13	0.000 32	0.4062992 1
N+1 2.10	B3 7	99	VG 40X45	0.70 001	CC1 3-1	0.002 64	0.10	CC13- 3	0.000 635	CC13	0.000 32	0.4062992 1
N+1 2.10	B3 7	99	VG 40X45	1.13 002	CC1 3-1	0.002 59	0.10	CC13- 3	0.000 635	CC13	0.000 32	0.4062992 1
N+1 2.10	B3 7	99	VG 40X45	1.56 002	CC1 3-1	0.002 55	0.10	CC13- 3	0.000 635	CC13	0.000 32	0.4062992 1
N+1 2.10	B3 7	99	VG 40X45	1.99 003	CC1 3-1	0.002 51	0.10	CC13- 3	0.000 635	CC13	0.000 32	0.4062992 1
N+1 2.10	B3 7	99	VG 40X45	1.99 003	CC1 3-1	0.002 87	0.09	CC13- 3	0.000 803	CC13- 2	0.000 6	0.3212951 4
N+1 2.10	B3 7	99	VG 40X45	2.27 004	CC1 3-1	0.002 77	0.09	CC13- 3	0.000 803	CC13- 2	0.000 6	0.3212951 4
N+1 2.10	B3 8	103	VG 40X45	0	CC1 3-3	0		CC13- 3	0	CC13- 3	0	
N+1 2.10	B3 8	103	VG 40X45	0.42 001	CC1 3-3	0		CC13- 3	0	CC13- 3	0	
N+1 2.10	B3 8	103	VG 40X45	0.84 001	CC1 3-3	0		CC13- 3	0	CC13- 3	0	
N+1 2.10	B3 8	103	VG 40X45	1.26 002	CC1 3-3	0		CC13- 3	0	CC13- 3	0	
N+1 2.10	B3 8	103	VG 40X45	1.68 003	CC1 3-3	0		CC13- 3	0	CC13- 3	0	
N+1 2.10	B3 8	103	VG 40X45	1.68 003	CC1 3-3	0		CC13- 3	0	CC13- 3	0	
N+1 2.10	B3 8	103	VG 40X45	2.17 504	CC1 3-3	0		CC13- 3	0	CC13- 3	0	
N+1 2.10	B3 8	103	VG 40X45	2.67 005	CC1 3-3	0		CC13- 3	0	CC13- 3	0	
N+1 2.10	B4 2	114	VG 40X45	0	CC1 3-3	0.001 73	0.15	CC13- 3	0.000 656	CC13- 3	0.000 19	0.3932926 8
N+1 2.10	B4 2	114	VG 40X45	0.49 75	CC1 3-3	0.001 74	0.15	CC13- 3	0.000 656	CC13- 3	0.000 19	0.3932926 8
N+1 2.10	B4 2	114	VG 40X45	0.99 5	CC1 3-3	0.001 67	0.15	CC13- 3	0.000 656	CC13- 3	0.000 19	0.3932926 8
N+1 2.10	B4 2	114	VG 40X45	1.49 25	CC1 3-3	0.001 78	0.14	CC13- 3	0.000 656	CC13- 3	0.000 19	0.3932926 8
N+1 2.10	B4 2	114	VG 40X45	1.99	CC1 3-3	0.001 88	0.14	CC13- 3	0.000 656	CC13- 3	0.000 19	0.3932926 8
N+1 2.10	B4 2	114	VG 40X45	1.99	CC1 3-3	0.001 95	0.13	CC13- 3	0.000 656	CC13	0.000 13	0.3932926 8
N+1 2.10	B4 2	114	VG 40X45	2.42 15	CC1 3-3	0.002 06	0.13	CC13- 3	0.000 656	CC13	0.000 13	0.3932926 8

N+12.10	B42	114	VG 40X45	2.853	CC13-3	0.00213	0.12	CC13-3	0.000656	CC13	0.00013	0.3932926	
N+12.10	B43	118	VG 40X45	0	CC13	0.00033	0.78	CC13-3	0	CC13-3	0		
N+12.10	B43	118	VG 40X45	0.36567	CC13-3	0		CC13-3	0	CC13-3	0		
N+12.10	B43	118	VG 40X45	0.73133	CC13-3	0		CC13-3	0	CC13-3	0		
N+12.10	B43	118	VG 40X45	1.097	CC13-3	0		CC13-3	0	CC13-3	0		
N+12.10	B43	118	VG 40X45	1.097	CC13-3	0		CC13-3	0	CC13-3	0		
N+12.10	B43	118	VG 40X45	1.51467	CC13-3	0		CC13-3	0	CC13-3	0		
N+12.10	B43	118	VG 40X45	1.93233	CC13-3	0		CC13-3	0	CC13-3	0		
N+12.10	B43	118	VG 40X45	2.35	CC13-3	0		CC13-3	0	CC13-3	0		
N+10.43	B14	64	VG Aumento 50x45	0.34	CC12	0.00009	2.87	CC13-3	0.002277	CC13-3	0.00147	0.1133069	8
N+10.43	B14	64	VG Aumento 50x45	0.725	CC12	0.00006	4.30	CC13-3	0.002277	CC13-3	0.00147	0.1133069	8
N+10.43	B14	64	VG Aumento 50x45	1.11	CC12	0.00003	8.60	CC13-3	0.002277	CC13-3	0.00147	0.1133069	8
N+10.43	B14	64	VG Aumento 50x45	1.11	CC13-3	0.00042	0.61	CC13-3	0	CC13-3	0		
N+10.43	B14	64	VG Aumento 50x45	1.59667	CC13-3	0.00042	0.61	CC13-3	0	CC13-3	0		
N+10.43	B14	64	VG Aumento 50x45	2.08334	CC13-3	0.00042	0.61	CC13-3	0	CC13-3	0		
N+10.43	B14	64	VG Aumento 50x45	2.57	CC13-3	0.00042	0.61	CC13-3	0	CC13-3	0		
N+10.43	B14	64	VG Aumento 50x45	3.05667	CC13-3	0.00042	0.61	CC13-3	0	CC13-3	0		
N+10.43	B14	64	VG Aumento 50x45	3.54334	CC13-3	0.00042	0.61	CC13-3	0	CC13-3	0		
N+10.43	B14	64	VG Aumento 50x45	4.03001	CC13-3	0.00042	0.61	CC13-3	0	CC13-3	0		
N+10.43	B14	64	VG Aumento 50x45	4.51667	CC13-3	0		CC13-3	0	CC13-3	0		
N+10.43	B14	64	VG Aumento 50x45	5.00334	CC13-3	0		CC13-3	0	CC13-3	0		

			VG										
N+1	B1		Aumento	5.49	CC1			CC13-		CC13-			
0.43	4	64	50x45	001	3-3	0		3	0	3	0		
			VG										
N+1	B1		Aumento	5.97	CC1			CC13-		CC13-			
0.43	4	64	50x45	668	3-3	0		3	0	3	0		
			VG										
N+1	B1		Aumento	6.46	CC1	0.000		CC13-		CC13-			
0.43	4	64	50x45	335	3-2	42	0.61	3	0	3	0		
			VG										
N+1	B1		Aumento	6.95	CC1	0.000		CC13-		CC13-			
0.43	4	64	50x45	001	3-2	42	0.61	3	0	3	0		
			VG										
N+1	B1		Aumento	7.43	CC1	0.000		CC13-		CC13-			
0.43	4	64	50x45	668	3-2	42	0.61	3	0	3	0		
			VG										
N+1	B1		Aumento	7.92	CC1	0.000		CC13-		CC13-			
0.43	4	64	50x45	335	3-3	42	0.61	3	0	3	0		
			VG										
N+1	B1		Aumento	8.41	CC1	0.000		CC13-		CC13-			
0.43	4	64	50x45	002	3-3	42	0.61	3	0	3	0		
			VG										
N+1	B1		Aumento	8.89	CC1	0.000		CC13-		CC13-			
0.43	4	64	50x45	668	3-3	42	0.61	3	0	3	0		
			VG										
N+1	B1		Aumento	9.38	CC1	0.000		CC13-		CC13-			
0.43	4	64	50x45	335	3-3	42	0.61	3	0	3	0		
			VG										
N+1	B1		Aumento	9.87	CC1	0.000		CC13-		CC13-			
0.43	4	64	50x45	002	3-3	42	0.61	3	0	3	0		
N+1	B1				CC1	0.000		CC13-	0.000	CC13-	0.000	0.3932926	
0.43	5	68	VG 40X45	0.27	3-2	13	1.98	3	656	3	24	8	
N+1	B1			0.70	CC1	0.000		CC13-	0.000	CC13-	0.000	0.3932926	
0.43	5	68	VG 40X45	001	3-2	13	1.98	3	656	3	24	8	
N+1	B1			1.13	CC1	0.000		CC13-	0.000	CC13-	0.000	0.3932926	
0.43	5	68	VG 40X45	002	3-2	13	1.98	3	656	3	24	8	
N+1	B1			1.56	CC1	0.000		CC13-	0.000	CC13-	0.000	0.3932926	
0.43	5	68	VG 40X45	002	3-2	13	1.98	3	656	3	24	8	
N+1	B1			1.99	CC1	0.000		CC13-	0.000	CC13-	0.000	0.3932926	
0.43	5	68	VG 40X45	003	3-2	13	1.98	3	656	3	24	8	
N+1	B1			1.99	CC1	0.000		CC13-	0.000	CC13-	0.000	0.3932926	
0.43	5	68	VG 40X45	003	3-2	13	1.98	3	656	3	24	8	
N+1	B1			2.43	CC1	0.000		CC13-	0.000	CC13-	0.000	0.3932926	
0.43	5	68	VG 40X45	004	3-2	13	1.98	3	656	3	24	8	
N+1	B1			2.87	CC1	0.000		CC13-	0.000	CC13-	0.000	0.3932926	
0.43	5	68	VG 40X45	005	3-2	13	1.98	3	656	3	24	8	
N+1	B1			2.87	CC1	0.000		CC13-	0.000	CC13-	0.000	0.3932926	
0.43	5	68	VG 40X45	005	3-2	13	1.98	3	656	3	24	8	
N+1	B1			2.88	CC1	0.000		CC13-	0.000	CC13-	0.000	0.3932926	
0.43	5	68	VG 40X45	005	3-2	13	1.98	3	656	3	24	8	
N+1	B1			2.88	CC1	0.000		CC13-	0.000	CC13-	0.000	0.3932926	
0.43	5	68	VG 40X45	005	3-2	33	0.78	3	656	3	16	8	
N+1	B1			3.12	CC1	0.000		CC13-	0.000	CC13-	0.000	0.3932926	
0.43	5	68	VG 40X45	009	3-2	33	0.78	3	656	3	16	8	
N+1	B1			3.12	CC1	0.000		CC13-	0.000	CC13-	0.000	0.3932926	
0.43	5	68	VG 40X45	009	3-2	33	0.78	3	656	3	16	8	

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N+1	B1			3.57	CC1	0.000		CC13-	0.000	CC13-	0.000	0.3932926
0.43	5	68	VG 40X45	509	3-2	33	0.78	3	656	3	16	8
N+1	B1			4.03	CC1	0.000		CC13-	0.000	CC13-	0.000	0.3932926
0.43	5	68	VG 40X45	009	3-2	33	0.78	3	656	3	16	8
N+1	B1			4.48	CC1	0.000		CC13-	0.000	CC13-	0.000	0.3932926
0.43	5	68	VG 40X45	509	3-2	33	0.78	3	656	3	16	8
N+1	B1			4.94	CC1	0.000		CC13-	0.000	CC13-	0.000	0.3932926
0.43	5	68	VG 40X45	009	3-2	33	0.78	3	656	3	16	8
N+1	B5				CC1	0.000		CC13-	0.000	CC13-	0.000	0.2975778
0.43	3	55	VG 40X45	0	3-3	28	0.92	3	867	1	64	5
N+1	B5				CC1	0.000		CC13-	0.000	CC13-	0.000	0.2975778
0.43	3	55	VG 40X45	0.32	3-3	25	1.03	3	867	1	64	5
N+1	B5				CC1	0.000		CC13-	0.000	CC13-	0.000	0.2975778
0.43	3	55	VG 40X45	0.32	3-3	25	1.03	3	867	1	64	5
N+1	B5			0.79	CC1	0.000		CC13-	0.000	CC13-	0.000	0.2975778
0.43	3	55	VG 40X45	356	3-3	2	1.29	3	867	1	64	5
N+1	B5			1.26	CC1	0.000		CC13-	0.000	CC13-	0.000	0.2975778
0.43	3	55	VG 40X45	712	3-3	14	1.84	3	867	1	64	5
N+1	B5			1.74	CC1	0.000		CC13-	0.000	CC13-	0.000	0.2975778
0.43	3	55	VG 40X45	069	3-3	08	3.23	3	867	1	64	5
N+1	B5			2.21	CC1	0.000		CC13-	0.000	CC13-	0.000	0.2975778
0.43	3	55	VG 40X45	425	3-3	03	8.60	3	867	1	64	5
N+1	B5			2.68	CC1	8.859		CC13-	0.000	CC13-	0.000	0.2975778
0.43	3	55	VG 40X45	781	3-3	E-07	291.23	3	867	1	64	5
N+1	B5				CC1	0.000		CC13-	0.000	CC13-	0.000	0.3932926
0.43	2	56	VG 40X45	0	3-3	37	0.70	3	656	2	24	8
N+1	B5			0.47	CC1	0.000		CC13-	0.000	CC13-	0.000	0.3932926
0.43	2	56	VG 40X45	603	3-3	34	0.76	3	656	2	24	8
N+1	B5			0.95	CC1	0.000		CC13-	0.000	CC13-	0.000	0.3932926
0.43	2	56	VG 40X45	207	3-3	33	0.78	3	656	2	24	8
N+1	B5			1.42	CC1	0.000		CC13-	0.000	CC13-	0.000	0.3932926
0.43	2	56	VG 40X45	81	3-3	4	0.65	3	656	2	24	8
N+1	B5			1.90	CC1	0.000		CC13-	0.000	CC13-	0.000	0.3932926
0.43	2	56	VG 40X45	414	3-3	46	0.56	3	656	2	24	8
N+1	B5			2.38	CC1	0.000		CC13-	0.000	CC13-	0.000	0.3932926
0.43	2	56	VG 40X45	017	3-3	5	0.52	3	656	2	24	8
N+1	B2				CC1			CC13-	0.001		0.001	0.1582822
0.43	3	60	VG 40X45	0	2	0		3	63	CC13	21	1
N+1	B2				CC1			CC13-	0.001		0.001	0.1582822
0.43	3	60	VG 40X45	0.25	2	0		3	63	CC13	21	1
N+1	B2				CC1			CC13-	0.000		0.000	0.5058823
0.43	3	60	VG 40X45	0.25	3-3	0		3	51	CC13	37	5
N+1	B2			0.68	CC1			CC13-	0.000		0.000	0.5058823
0.43	3	60	VG 40X45	167	3-3	0		3	51	CC13	37	5
N+1	B2			1.11	CC1			CC13-	0.000		0.000	0.5058823
0.43	3	60	VG 40X45	333	3-3	0		3	51	CC13	37	5
N+1	B2			1.54	CC1			CC13-	0.000		0.000	0.5058823
0.43	3	60	VG 40X45	5	3-3	0		3	51	CC13	37	5
N+1	B2			1.97	CC1			CC13-	0.000		0.000	0.5058823
0.43	3	60	VG 40X45	667	3-3	0		3	51	CC13	37	5
N+1	B2			2.40	CC1			CC13-	0.000		0.000	0.5058823
0.43	3	60	VG 40X45	833	3-3	0		3	51	CC13	37	5
N+1	B2				CC1			CC13-	0.000		0.000	0.5058823
0.43	3	60	VG 40X45	2.84	3-3	0		3	51	CC13	37	5
N+1	B2				CC1			CC13-	0.000	CC13-	0.000	0.4582593
0.43	3	60	VG 40X45	2.84	3-3	0		3	563	1	42	3

N+1	B2				CC1		CC13-	0.000	CC13-	0.000	0.4582593		
0.43	3	60	VG 40X45	2.85	3-3	0	3	563	1	42	3		
N+1	B2				CC1		CC13-	0.000		0.000	0.5039062		
0.43	3	60	VG 40X45	2.85	3-3	0	3	512	CC13	37	5		
N+1	B2				CC1		CC13-	0.000		0.000	0.5039062		
0.43	3	60	VG 40X45	3.21	3-3	0	3	512	CC13	37	5		
N+1	B3				CC1		CC13-	0.000	CC13-	0.000	0.3534246		
0.43	4	71	VG 40X45	0	3-3	0	3	73	2	54	6		
N+1	B3				CC1		CC13-	0.000	CC13-	0.000	0.3534246		
0.43	4	71	VG 40X45	0.41	3-3	0	3	73	2	54	6		
N+1	B3				CC1		CC13-	0.000	CC13-	0.000	0.3529411		
0.43	4	71	VG 40X45	0.41	3-3	0	3	731	2	54	8		
N+1	B3				CC1		CC13-	0.000	CC13-	0.000	0.3529411		
0.43	4	71	VG 40X45	0.91	3-3	0	3	731	2	54	8		
N+1	B3				CC1		CC13-	0.000	CC13-	0.000	0.3529411		
0.43	4	71	VG 40X45	1.41	3-3	0	3	731	2	54	8		
N+1	B3				CC1		CC13-	0.000	CC13-	0.000	0.3529411		
0.43	4	71	VG 40X45	1.91	3-3	0	3	731	2	54	8		
N+1	B3				CC1		CC13-	0.000	CC13-	0.000	0.3529411		
0.43	4	71	VG 40X45	2.41	3-3	0	3	731	2	54	8		
N+1	B3				CC1		CC13-	0.000	CC13-	0.000	0.3529411		
0.43	4	71	VG 40X45	2.41	3-3	0	3	731	2	54	8		
N+1	B3			2.67	CC1		CC13-	0.000	CC13-	0.000	0.3529411		
0.43	4	71	VG 40X45	655	3-3	0	3	731	2	54	8		
N+1					CC1		CC13-		CC13-				
0.43	B6	78	VG 40X45	0	3-3	0	3	0	3	0			
N+1					CC1		CC13-		CC13-				
0.43	B6	78	VG 40X45	0.43	3-3	0	3	0	3	0			
N+1					CC1		CC13-		CC13-				
0.43	B6	78	VG 40X45	0.86	3-3	0	3	0	3	0			
N+1	B2				CC1		CC13-		CC13-				
0.43	9	57	VG 40X45	0	3-3	0	3	0	3	0			
N+1	B2			0.46	CC1		CC13-		CC13-				
0.43	9	57	VG 40X45	667	3-3	0	3	0	3	0			
N+1	B2			0.93	CC1		CC13-		CC13-				
0.43	9	57	VG 40X45	333	3-3	0	3	0	3	0			
N+1	B2				CC1		CC13-		CC13-				
0.43	9	57	VG 40X45	1.4	3-3	0	3	0	3	0			
N+1	B2				CC1	0.000	CC13-	0.000		0.000	0.3932926		
0.43	9	57	VG 40X45	1.4	3-1	33	0.78	3	656	CC13	23	8	
N+1	B2			1.87	CC1	0.000		CC13-	0.000		0.000	0.3932926	
0.43	9	57	VG 40X45	875	3-1	33	0.78	3	656	CC13	23	8	
N+1	B2			2.35	CC1	0.000		CC13-	0.000		0.000	0.3932926	
0.43	9	57	VG 40X45	75	3-1	33	0.78	3	656	CC13	23	8	
N+1	B2			2.83	CC1	0.000		CC13-	0.000		0.000	0.3932926	
0.43	9	57	VG 40X45	625	3-1	33	0.78	3	656	CC13	23	8	
N+1	B2			3.31	CC1	0.000		CC13-	0.000		0.000	0.3932926	
0.43	9	57	VG 40X45	5	3-1	33	0.78	3	656	CC13	23	8	
N+1	B2			3.79	CC1	0.000		CC13-	0.000		0.000	0.3932926	
0.43	9	57	VG 40X45	375	3-1	33	0.78	3	656	CC13	23	8	
N+1	B2			4.27	CC1	0.000		CC13-	0.000		0.000	0.3932926	
0.43	9	57	VG 40X45	25	3-1	33	0.78	3	656	CC13	23	8	
N+1	B2			4.75	CC1	0.000		CC13-	0.000		0.000	0.3932926	
0.43	9	57	VG 40X45	125	2-1	09	2.87	3	656	CC13	23	8	
N+1	B2				CC1	0.000		CC13-	0.000		0.000	0.3932926	
0.43	9	57	VG 40X45	5.23	2-1	09	2.87	3	656	CC13	23	8	

N+1	B2			5.70	CC1	0.000		CC13-	0.000		0.000	0.3932926	
0.43	9	57	VG 40X45	876	2-1	09	2.87	3	656	CC13	23	8	
N+1	B2			6.18	CC1	0.000		CC13-	0.000		0.000	0.3932926	
0.43	9	57	VG 40X45	751	2-1	09	2.87	3	656	CC13	23	8	
N+1	B2			6.66	CC1	0.000		CC13-	0.000		0.000	0.3932926	
0.43	9	57	VG 40X45	626	2-1	09	2.87	3	656	CC13	23	8	
N+1	B2			7.14	CC1	0.000		CC13-	0.000		0.000	0.3932926	
0.43	9	57	VG 40X45	501	3-1	33	0.78	3	656	CC13	23	8	
N+1	B2			7.62	CC1	0.000		CC13-	0.000		0.000	0.3932926	
0.43	9	57	VG 40X45	376	3-1	33	0.78	3	656	CC13	23	8	
N+1	B2			8.10	CC1	0.000		CC13-	0.000		0.000	0.3932926	
0.43	9	57	VG 40X45	251	3-1	33	0.78	3	656	CC13	23	8	
N+1	B2			8.58	CC1	0.000		CC13-	0.000		0.000	0.3932926	
0.43	9	57	VG 40X45	126	3-1	33	0.78	3	656	CC13	23	8	
N+1	B2			9.06	CC1	0.000		CC13-	0.000		0.000	0.3932926	
0.43	9	57	VG 40X45	001	3-1	33	0.78	3	656	CC13	23	8	
N+7.					CC1	0.000		CC13-	0.000	CC13-	0.000	0.3932926	
44	B1	98	VG 40X45	0.34	3-2	33	0.78	3	656	3	13	8	
N+7.				0.76	CC1	0.000		CC13-	0.000	CC13-	0.000	0.3932926	
44	B1	98	VG 40X45	333	3-2	33	0.78	3	656	3	13	8	
N+7.				1.18	CC1	0.000		CC13-	0.000	CC13-	0.000	0.3932926	
44	B1	98	VG 40X45	667	3-2	33	0.78	3	656	3	13	8	
N+7.					CC1	0.000		CC13-	0.000	CC13-	0.000	0.3932926	
44	B1	98	VG 40X45	1.61	3-2	33	0.78	3	656	3	13	8	
N+7.					CC1	0.000		CC13-	0.000	CC13-	0.000	0.3932926	
44	B1	98	VG 40X45	1.61	3-1	13	1.98	3	656	3	13	8	
N+7.				2.10	CC1	0.000		CC13-	0.000	CC13-	0.000	0.3932926	
44	B1	98	VG 40X45	944	3-1	13	1.98	3	656	3	13	8	
N+7.				2.60	CC1	0.000		CC13-	0.000	CC13-	0.000	0.3932926	
44	B1	98	VG 40X45	889	3-1	13	1.98	3	656	3	13	8	
N+7.				3.10	CC1	0.000		CC13-	0.000	CC13-	0.000	0.3932926	
44	B1	98	VG 40X45	833	3-1	13	1.98	3	656	3	13	8	
N+7.				3.60	CC1	0.000		CC13-	0.000	CC13-	0.000	0.3932926	
44	B1	98	VG 40X45	778	3-1	13	1.98	3	656	3	13	8	
N+7.				4.10	CC1	0.000		CC13-	0.000	CC13-	0.000	0.3932926	
44	B1	98	VG 40X45	722	3-1	13	1.98	3	656	3	13	8	
N+7.				4.60	CC1	0.000		CC13-	0.000	CC13-	0.000	0.3932926	
44	B1	98	VG 40X45	667	3-1	13	1.98	3	656	3	13	8	
N+7.				5.10	CC1	0.000		CC13-	0.000	CC13-	0.000	0.3932926	
44	B1	98	VG 40X45	611	3-1	13	1.98	3	656	3	13	8	
N+7.				5.60	CC1	0.000		CC13-	0.000	CC13-	0.000	0.3932926	
44	B1	98	VG 40X45	556	3-1	13	1.98	3	656	3	13	8	
N+7.				6.10	CC1	0.000		CC13-	0.000	CC13-	0.000	0.3932926	
44	B1	98	VG 40X45	5	3-1	13	1.98	3	656	3	13	8	
N+7.				6.60	CC1	0.000		CC13-	0.000	CC13-	0.000	0.3932926	
44	B1	98	VG 40X45	445	3-1	13	1.98	3	656	3	13	8	
N+7.				7.10	CC1	0.000		CC13-	0.000	CC13-	0.000	0.3932926	
44	B1	98	VG 40X45	389	3-1	13	1.98	3	656	3	13	8	
N+7.				7.60	CC1	0.000		CC13-	0.000	CC13-	0.000	0.3932926	
44	B1	98	VG 40X45	334	3-1	13	1.98	3	656	3	13	8	
N+7.				8.10	CC1	0.000		CC13-	0.000	CC13-	0.000	0.3932926	
44	B1	98	VG 40X45	278	3-1	13	1.98	3	656	3	13	8	
N+7.				8.60	CC1	0.000		CC13-	0.000	CC13-	0.000	0.3932926	
44	B1	98	VG 40X45	223	3-1	13	1.98	3	656	3	13	8	
N+7.				9.10	CC1	0.000		CC13-	0.000	CC13-	0.000	0.3932926	
44	B1	98	VG 40X45	167	3-1	13	1.98	3	656	3	13	8	

N+7.44	B1	98	VG 40X45	9.60112	CC13-1	0.00013	1.98	CC13-3	0.000656	CC13-3	0.00013	0.39329268
N+7.44	B1	98	VG 40X45	10.10056	CC13-3	0.00033	0.78	CC13-3	0.000656	CC13-3	0.00013	0.39329268
N+7.44	B1	98	VG 40X45	10.6	CC13-3	0.00033	0.78	CC13-3	0.000656	CC13-3	0.00013	0.39329268
N+7.44	B4	100	VG 40X45	0.34	CC13-2-2	0.00013	1.98	CC13-3	0.000656	CC13	0.00012	0.39329268
N+7.44	B4	100	VG 40X45	0.81474	CC13-2-2	0.00013	1.98	CC13-3	0.000656	CC13	0.00012	0.39329268
N+7.44	B4	100	VG 40X45	1.28947	CC13-2-2	0.00013	1.98	CC13-3	0.000656	CC13	0.00012	0.39329268
N+7.44	B4	100	VG 40X45	1.76421	CC13-2-2	0.00013	1.98	CC13-3	0.000656	CC13	0.00012	0.39329268
N+7.44	B4	100	VG 40X45	2.23895	CC13-2-2	0.00013	1.98	CC13-3	0.000656	CC13	0.00012	0.39329268
N+7.44	B4	100	VG 40X45	2.71369	CC13-2-2	0.00013	1.98	CC13-3	0.000656	CC13	0.00012	0.39329268
N+7.44	B4	100	VG 40X45	3.18842	CC13-2-2	0.00013	1.98	CC13-3	0.000656	CC13	0.00012	0.39329268
N+7.44	B4	100	VG 40X45	3.66316	CC13-2-2	0.00013	1.98	CC13-3	0.000656	CC13	0.00012	0.39329268
N+7.44	B4	100	VG 40X45	4.13079	CC13-2-2	0.00013	1.98	CC13-3	0.000656	CC13	0.00012	0.39329268
N+7.44	B4	100	VG 40X45	4.61263	CC13-2-2	0.00013	1.98	CC13-3	0.000656	CC13	0.00012	0.39329268
N+7.44	B4	100	VG 40X45	5.08737	CC13-2-2	0.00013	1.98	CC13-3	0.000656	CC13	0.00012	0.39329268
N+7.44	B4	100	VG 40X45	5.56211	CC13-2-2	0.00013	1.98	CC13-3	0.000656	CC13	0.00012	0.39329268
N+7.44	B4	100	VG 40X45	6.03685	CC13-2-2	0.00013	1.98	CC13-3	0.000656	CC13	0.00012	0.39329268
N+7.44	B4	100	VG 40X45	6.51158	CC13-2-2	0.00013	1.98	CC13-3	0.000656	CC13	0.00012	0.39329268
N+7.44	B4	100	VG 40X45	6.98632	CC13-2-2	0.00013	1.98	CC13-3	0.000656	CC13	0.00012	0.39329268
N+7.44	B4	100	VG 40X45	7.46106	CC13-2-2	0.00013	1.98	CC13-3	0.000656	CC13	0.00012	0.39329268
N+7.44	B4	100	VG 40X45	7.93579	CC13-2-2	0.00013	1.98	CC13-3	0.000656	CC13	0.00012	0.39329268
N+7.44	B4	100	VG 40X45	8.41053	CC13-2-2	0.00013	1.98	CC13-3	0.000656	CC13	0.00012	0.39329268
N+7.44	B4	100	VG 40X45	8.88527	CC13-2-2	0.00013	1.98	CC13-3	0.000656	CC13	0.00012	0.39329268
N+7.44	B4	100	VG 40X45	9.36001	CC13-3-2	0.00033	0.78	CC13-3	0.000656	CC13	0.00012	0.39329268
N+7.44	B7	102	VG 40X45	0.34	CC13-3-3	0.00033	0.78	CC13-3	0	CC13-3	0	
N+7.44	B7	102	VG 40X45	0.746	CC13-3-3	0.00033	0.78	CC13-3	0	CC13-3	0	
N+7.44	B7	102	VG 40X45	1.152	CC13-3-3	0.00033	0.78	CC13-3	0	CC13-3	0	
N+7.44	B7	102	VG 40X45	1.558	CC13-3-3	0.00033	0.78	CC13-3	0	CC13-3	0	
N+7.44	B7	102	VG 40X45	1.964	CC13-3-3	0.00033	0.78	CC13-3	0	CC13-3	0	

N+7.44	B7	102	VG 40X45 VG	2.37	CC13-3	0.000033	0.78	CC13-3	0	CC13-3	0
N+7.44	B9	113	Aumento 50x45 VG	0.28	CC13-3	0.000042	0.61	CC13-3	0	CC13-3	0
N+7.44	B9	113	Aumento 50x45 VG	0.73525	CC13-3	0.000042	0.61	CC13-3	0	CC13-3	0
N+7.44	B9	113	Aumento 50x45 VG	1.1905	CC13-3	0.000042	0.61	CC13-3	0	CC13-3	0
N+7.44	B9	113	Aumento 50x45 VG	1.64575	CC13-3	0.000042	0.61	CC13-3	0	CC13-3	0
N+7.44	B9	113	Aumento 50x45 VG	2.101	CC13-3	0.000042	0.61	CC13-3	0	CC13-3	0
N+7.44	B9	113	Aumento 50x45 VG	2.55625	CC13-3	0.000042	0.61	CC13-3	0	CC13-3	0
N+7.44	B9	113	Aumento 50x45 VG	3.0115	CC13-3	0.000042	0.61	CC13-3	0	CC13-3	0
N+7.44	B9	113	Aumento 50x45 VG	3.46675	CC13-3	0.000042	0.61	CC13-3	0	CC13-3	0
N+7.44	B9	113	Aumento 50x45 VG	3.922	CC13-3	0.000042	0.61	CC13-3	0	CC13-3	0
N+7.44	B9	113	Aumento 50x45 VG	4.37725	CC13-3	0		CC13-3	0	CC13-3	0
N+7.44	B9	113	Aumento 50x45 VG	4.8325	CC13-3	0		CC13-3	0	CC13-3	0
N+7.44	B9	113	Aumento 50x45 VG	4.8325	CC13-3	0		CC13-3	0	CC13-3	0
N+7.44	B9	113	Aumento 50x45 VG	5.28825	CC13-3	0		CC13-3	0	CC13-3	0
N+7.44	B9	113	Aumento 50x45 VG	5.744	CC13-3	0		CC13-3	0	CC13-3	0
N+7.44	B9	113	Aumento 50x45 VG	6.19975	CC13-3	0.000042	0.61	CC13-3	0	CC13-3	0
N+7.44	B9	113	Aumento 50x45 VG	6.6555	CC13-3	0.000042	0.61	CC13-3	0	CC13-3	0
N+7.44	B9	113	Aumento 50x45 VG	7.11125	CC13-3	0.000042	0.61	CC13-3	0	CC13-3	0
N+7.44	B9	113	Aumento 50x45	7.567	CC13-3	0.000042	0.61	CC13-3	0	CC13-3	0

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N+7.44	B9	113	VG Aumento 50x45	8.02275	CC13-3	0.000042	0.61	CC13-3	0	CC13-3	0		
N+7.44	B9	113	VG Aumento 50x45	8.4785	CC13-3	0.00051	0.51	CC13-3	0	CC13-3	0		
N+7.44	B9	113	VG Aumento 50x45	8.93425	CC13-3	0.00061	0.42	CC13-3	0	CC13-3	0		
N+7.44	B9	113	VG Aumento 50x45	9.39001	CC13-3	0.00068	0.38	CC13-3	0	CC13-3	0		
N+7.44	B10	104	VG 40X45	0.275	CC13-3	0.00033	0.78	CC13-3	0.000656	CC13	0.0001	0.39329268	
N+7.44	B10	104	VG 40X45	0.69401	CC13-3	0.00033	0.78	CC13-3	0.000656	CC13	0.0001	0.39329268	
N+7.44	B10	104	VG 40X45	1.11302	CC13-3	0.00033	0.78	CC13-3	0.000656	CC13	0.0001	0.39329268	
N+7.44	B10	104	VG 40X45	1.53203	CC13-3	0.00033	0.78	CC13-3	0.000656	CC13	0.0001	0.39329268	
N+7.44	B10	104	VG 40X45	1.95103	CC13-3	0.00033	0.78	CC13-3	0.000656	CC13	0.0001	0.39329268	
N+7.44	B10	104	VG 40X45	2.37004	CC13-2	0.00033	0.78	CC13-3	0.000656	CC13	0.0001	0.39329268	
N+7.44	B11	5	VG NUEVA 40X45	0.27	CC13-3	0.00033	0.78	CC13-3	0	CC13-3	0		
N+7.44	B11	5	VG NUEVA 40X45	0.75567	CC13-3	0.00033	0.78	CC13-3	0	CC13-3	0		
N+7.44	B11	5	VG NUEVA 40X45	1.24133	CC13-3	0.00033	0.78	CC13-3	0	CC13-3	0		
N+7.44	B11	5	VG NUEVA 40X45	1.727	CC13-3	0.00033	0.78	CC13-3	0	CC13-3	0		
N+7.44	B11	5	VG NUEVA 40X45	2.21267	CC13-2	0.00033	0.78	CC13-3	0	CC13-3	0		
N+7.44	B11	5	VG NUEVA 40X45	2.69834	CC13-3	0		CC13-3	0	CC13-3	0		
N+7.44	B11	5	VG NUEVA 40X45	3.184	CC13-3	0		CC13-3	0	CC13-3	0		
N+7.44	B11	5	VG NUEVA 40X45	3.66967	CC13-3	0		CC13-3	0	CC13-3	0		
N+7.44	B11	5	VG NUEVA 40X45	4.15534	CC13-3	0		CC13-3	0	CC13-3	0		
N+7.44	B11	5	VG NUEVA 40X45	4.641	CC13-3	0		CC13-3	0	CC13-3	0		
N+7.44	B11	5	VG NUEVA 40X45	5.12667	CC13-3	0.00033	0.78	CC13-3	0	CC13-3	0		
N+7.44	B11	5	VG NUEVA 40X45	5.61234	CC13-3	0.00033	0.78	CC13-3	0	CC13-3	0		
N+7.44	B11	5	VG NUEVA 40X45	6.09801	CC13-3	0.00033	0.78	CC13-3	0	CC13-3	0		
N+7.44	B11	5	VG NUEVA 40X45	6.58367	CC13-3	0.00033	0.78	CC13-3	0	CC13-3	0		
N+7.44	B11	5	VG NUEVA 40X45	7.06934	CC13-3	0.00033	0.78	CC13-3	0	CC13-3	0		
N+7.44	B11	5	VG NUEVA 40X45	7.55501	CC13-3	0.00033	0.78	CC13-3	0	CC13-3	0		

N+7.44	B12	7	VG NUEVA 40X45	0.25	CC1 3-3	0.000 33	0.78	CC13-3	0	CC13-3	0		
N+7.44	B12	7	VG NUEVA 40X45	0.74711	CC1 3-3	0.000 33	0.78	CC13-3	0	CC13-3	0		
N+7.44	B12	7	VG NUEVA 40X45	1.24421	CC1 3-3	0.000 33	0.78	CC13-3	0	CC13-3	0		
N+7.44	B12	7	VG NUEVA 40X45	1.74132	CC1 3-3	0.000 33	0.78	CC13-3	0	CC13-3	0		
N+7.44	B12	7	VG NUEVA 40X45	2.23843	CC1 3-3	0.000 33	0.78	CC13-3	0	CC13-3	0		
N+7.44	B12	7	VG NUEVA 40X45	2.73553	CC1 3-3	0.000 33	0.78	CC13-3	0	CC13-3	0		
N+7.44	B12	7	VG NUEVA 40X45	3.23264	CC1 3-3	0.000 33	0.78	CC13-3	0	CC13-3	0		
N+7.44	B12	7	VG NUEVA 40X45	3.72974	CC1 3-3	0		CC13-3	0	CC13-3	0		
N+7.44	B12	7	VG NUEVA 40X45	4.22685	CC1 3-3	0		CC13-3	0	CC13-3	0		
N+7.44	B12	7	VG NUEVA 40X45	4.72396	CC1 3-3	0		CC13-3	0	CC13-3	0		
N+7.44	B12	7	VG NUEVA 40X45	5.22106	CC1 3-3	0		CC13-3	0	CC13-3	0		
N+7.44	B12	7	VG NUEVA 40X45	5.71817	CC1 3-3	0		CC13-3	0	CC13-3	0		
N+7.44	B12	7	VG NUEVA 40X45	6.21528	CC1 3-3	0		CC13-3	0	CC13-3	0		
N+7.44	B12	7	VG NUEVA 40X45	6.71238	CC1 3-3	0.000 33	0.78	CC13-3	0	CC13-3	0		
N+7.44	B12	7	VG NUEVA 40X45	7.20949	CC1 3-3	0.000 33	0.78	CC13-3	0	CC13-3	0		
N+7.44	B12	7	VG NUEVA 40X45	7.70659	CC1 3-3	0.000 33	0.78	CC13-3	0	CC13-3	0		
N+7.44	B12	7	VG NUEVA 40X45	8.2037	CC1 3-3	0.000 33	0.78	CC13-3	0	CC13-3	0		
N+7.44	B12	7	VG NUEVA 40X45	8.70081	CC1 3-3	0.000 33	0.78	CC13-3	0	CC13-3	0		
N+7.44	B12	7	VG NUEVA 40X45	9.19791	CC1 3-3	0.000 33	0.78	CC13-3	0	CC13-3	0		
N+7.44	B12	7	VG NUEVA 40X45	9.69502	CC1 3-3	0.000 33	0.78	CC13-3	0	CC13-3	0		
N+7.44	B13	105	VG 40X45	0.28	CC1 3-3	0.000 33	0.78	CC13-3	0.000656	CC13	0.000 14	0.3932926	8
N+7.44	B13	105	VG 40X45	0.74001	CC1 3-3	0.000 33	0.78	CC13-3	0.000656	CC13	0.000 14	0.3932926	8
N+7.44	B13	105	VG 40X45	1.20001	CC1 2-1	0.000 33	0.78	CC13-3	0.000656	CC13	0.000 14	0.3932926	8
N+7.44	B13	105	VG 40X45	1.66002	CC1 2-1	0.000 33	0.78	CC13-3	0.000656	CC13	0.000 14	0.3932926	8
N+7.44	B13	105	VG 40X45	2.12002	CC1 3-2	0.000 13	1.98	CC13-3	0.000656	CC13	0.000 14	0.3932926	8
N+7.44	B14	106	VG Aumento 50x45	0.34	CC1 2	0.000 27	0.96	CC13-3	0.002335	CC13-3	0.001 51	0.1104925	1
N+7.44	B14	106	VG Aumento 50x45	0.725	CC1 2	0.000 23	1.12	CC13-3	0.002335	CC13-3	0.001 51	0.1104925	1

N+7.44	B14	106	VG Aumento 50x45	1.11	CC12	0.00019	1.36	CC13-3	0.002335	CC13-3	0.00151	0.11049251
N+7.44	B14	106	VG Aumento 50x45	1.11	CC13-3	0.00042	0.61	CC13-3	0	CC13-3	0	
N+7.44	B14	106	VG Aumento 50x45	1.59639	CC13-3	0.00042	0.61	CC13-3	0	CC13-3	0	
N+7.44	B14	106	VG Aumento 50x45	2.08278	CC13-3	0.00042	0.61	CC13-3	0	CC13-3	0	
N+7.44	B14	106	VG Aumento 50x45	2.56917	CC13-3	0.00042	0.61	CC13-3	0	CC13-3	0	
N+7.44	B14	106	VG Aumento 50x45	3.05556	CC13-3	0.00042	0.61	CC13-3	0	CC13-3	0	
N+7.44	B14	106	VG Aumento 50x45	3.54195	CC13-3	0.00042	0.61	CC13-3	0	CC13-3	0	
N+7.44	B14	106	VG Aumento 50x45	4.02834	CC13-3	0.00042	0.61	CC13-3	0	CC13-3	0	
N+7.44	B14	106	VG Aumento 50x45	4.51473	CC13-3	0		CC13-3	0	CC13-3	0	
N+7.44	B14	106	VG Aumento 50x45	5.00112	CC13-3	0		CC13-3	0	CC13-3	0	
N+7.44	B14	106	VG Aumento 50x45	5.48751	CC13-3	0		CC13-3	0	CC13-3	0	
N+7.44	B14	106	VG Aumento 50x45	5.9739	CC13-3	0		CC13-3	0	CC13-3	0	
N+7.44	B14	106	VG Aumento 50x45	6.46029	CC13-2	0.00042	0.61	CC13-3	0	CC13-3	0	
N+7.44	B14	106	VG Aumento 50x45	6.94668	CC13-2	0.00042	0.61	CC13-3	0	CC13-3	0	
N+7.44	B14	106	VG Aumento 50x45	7.43307	CC13-3	0.00042	0.61	CC13-3	0	CC13-3	0	
N+7.44	B14	106	VG Aumento 50x45	7.91946	CC13-3	0.00042	0.61	CC13-3	0	CC13-3	0	
N+7.44	B14	106	VG Aumento 50x45	8.40585	CC13-3	0.00042	0.61	CC13-3	0	CC13-3	0	
N+7.44	B14	106	VG Aumento 50x45	8.89224	CC13-3	0.00042	0.61	CC13-3	0	CC13-3	0	

N+7.44	B14	106	VG Aumento 50x45	9.37863	CC13-3	0.000042	0.61	CC13-3	0	CC13-3	0		
N+7.44	B14	106	VG Aumento 50x45	9.86502	CC13-3	0.000042	0.61	CC13-3	0	CC13-3	0		
N+7.44	B17	21	VG Aumento 50x45	0.34	CC13-2	0.000042	0.61	CC13-3	0.000779	CC13-3	0.00015	0.33119384	
N+7.44	B17	21	VG Aumento 50x45	0.71747	CC13-2	0.000042	0.61	CC13-3	0.000779	CC13-3	0.00015	0.33119384	
N+7.44	B17	21	VG Aumento 50x45	1.09494	CC13-2	0.000042	0.61	CC13-3	0.000779	CC13-3	0.00015	0.33119384	
N+7.44	B17	21	VG Aumento 50x45	1.4724	CC13-2	0.000042	0.61	CC13-3	0.000779	CC13-3	0.00015	0.33119384	
N+7.44	B17	21	VG Aumento 50x45	1.84987	CC13-2	0.000042	0.61	CC13-3	0.000779	CC13-3	0.00015	0.33119384	
N+7.44	B17	21	VG Aumento 50x45	1.84987	CC13-2	0.000042	0.61	CC13-3	0.000779	CC13-3	0.00015	0.33119384	
N+7.44	B17	21	VG Aumento 50x45	2.28703	CC13-2	0.000042	0.61	CC13-3	0.000779	CC13-3	0.00015	0.33119384	
N+7.44	B17	21	VG Aumento 50x45	2.7242	CC13-2	0.000042	0.61	CC13-3	0.000779	CC13-3	0.00015	0.33119384	
N+7.44	B17	21	VG Aumento 50x45	3.16136	CC13-2	0.000042	0.61	CC13-3	0.000779	CC13-3	0.00015	0.33119384	
N+7.44	B17	21	VG Aumento 50x45	3.59852	CC13-2	0.000042	0.61	CC13-3	0.000779	CC13-3	0.00015	0.33119384	
N+7.44	B17	21	VG Aumento 50x45	4.03568	CC13-2	0.000042	0.61	CC13-3	0.000779	CC13-3	0.00015	0.33119384	
N+7.44	B17	21	VG Aumento 50x45	4.47285	CC13-2	0.000042	0.61	CC13-3	0.000779	CC13-3	0.00015	0.33119384	
N+7.44	B17	21	VG Aumento 50x45	4.91001	CC13-2	0.000042	0.61	CC13-3	0.000779	CC13-3	0.00015	0.33119384	
N+7.44	B18	11	VG NUEVA 40X45	0.28	CC13-3	0.000033	0.78	CC13-3	0	CC13-3	0		
N+7.44	B18	11	VG NUEVA 40X45	0.75445	CC13-3	0.000033	0.78	CC13-3	0	CC13-3	0		
N+7.44	B18	11	VG NUEVA 40X45	1.2289	CC13-3	0.000033	0.78	CC13-3	0	CC13-3	0		
N+7.44	B18	11	VG NUEVA 40X45	1.70336	CC13-3	0.000033	0.78	CC13-3	0	CC13-3	0		
N+7.44	B18	11	VG NUEVA 40X45	2.17781	CC13-3	0.000033	0.78	CC13-3	0	CC13-3	0		

N+7.44	B18	11	VG NUEVA 40X45	2.65226	CC13-3	0.000033	0.78	CC13-3	0	CC13-3	0		
N+7.44	B18	11	VG NUEVA 40X45	3.12671	CC13-3	0.000033	0.78	CC13-3	0	CC13-3	0		
N+7.44	B18	11	VG NUEVA 40X45	3.60116	CC13-3	0.000033	0.78	CC13-3	0	CC13-3	0		
N+7.44	B18	11	VG NUEVA 40X45	4.07561	CC13-3	0.000033	0.78	CC13-3	0	CC13-3	0		
N+7.44	B18	11	VG NUEVA 40X45	4.55007	CC13-3	0.000033	0.78	CC13-3	0	CC13-3	0		
N+7.44	B2	107	VG Aumento 50x45	0.34	CC13-3	0		CC13-3	0	CC13-3	0		
N+7.44	B2	107	VG Aumento 50x45	0.772	CC13-3	0		CC13-3	0	CC13-3	0		
N+7.44	B2	107	VG Aumento 50x45	1.204	CC13-3	0		CC13-3	0	CC13-3	0		
N+7.44	B2	107	VG Aumento 50x45	1.636	CC13-3	0		CC13-3	0	CC13-3	0		
N+7.44	B2	107	VG Aumento 50x45	2.068	CC13-3	0		CC13-3	0	CC13-3	0		
N+7.44	B2	107	VG Aumento 50x45	2.5	CC13-3	0		CC13-3	0	CC13-3	0		
N+7.44	B2	107	VG Aumento 50x45	2.5	CC13-3	0.000042	0.61	CC13-3	0.000779	CC13	0.00017	0.3311938	4
N+7.44	B2	107	VG Aumento 50x45	2.96958	CC13-3	0.000042	0.61	CC13-3	0.000779	CC13	0.00017	0.3311938	4
N+7.44	B2	107	VG Aumento 50x45	3.43917	CC13-3	0.000042	0.61	CC13-3	0.000779	CC13	0.00017	0.3311938	4
N+7.44	B2	107	VG Aumento 50x45	3.90875	CC13-3	0.000042	0.61	CC13-3	0.000779	CC13	0.00017	0.3311938	4
N+7.44	B2	107	VG Aumento 50x45	4.37833	CC13-3	0.000042	0.61	CC13-3	0.000779	CC13	0.00017	0.3311938	4
N+7.44	B2	107	VG Aumento 50x45	4.84792	CC13-3	0.000042	0.61	CC13-3	0.000779	CC13	0.00017	0.3311938	4
N+7.44	B2	107	VG Aumento 50x45	5.3175	CC13-3	0.000042	0.61	CC13-3	0.000779	CC13	0.00017	0.3311938	4
N+7.44	B2	107	VG Aumento 50x45	5.78708	CC13-3	0.000042	0.61	CC13-3	0.000779	CC13	0.00017	0.3311938	4
N+7.44	B2	107	VG Aumento 50x45	6.25667	CC13-3	0.000042	0.61	CC13-3	0.000779	CC13	0.00017	0.3311938	4

N+7.44	B2	107	VG Aumento 50x45	6.72625	CC13-3	0.000042	0.61	CC13-3	0.000779	CC13	0.00017	0.33119384
N+7.44	B2	107	VG Aumento 50x45	7.19583	CC13-3	0.000042	0.61	CC13-3	0.000779	CC13	0.00017	0.33119384
N+7.44	B2	107	VG Aumento 50x45	7.66542	CC13-3	0.000042	0.61	CC13-3	0.000779	CC13	0.00017	0.33119384
N+7.44	B2	107	VG Aumento 50x45	8.135	CC13-3	0.000042	0.61	CC13-3	0.000779	CC13	0.00017	0.33119384
N+7.44	B2	107	VG Aumento 50x45	8.135	CC13-3	0.000042	0.61	CC13-3	0.000779	CC13	0.00017	0.33119384
N+7.44	B2	107	VG Aumento 50x45	8.5475	CC13-3	0.000042	0.61	CC13-3	0.000779	CC13	0.00017	0.33119384
N+7.44	B2	107	VG Aumento 50x45	8.96	CC13-3	0.000042	0.61	CC13-3	0.000779	CC13	0.00017	0.33119384
N+7.44	B2	107	VG Aumento 50x45	9.3725	CC13-3	0.000042	0.61	CC13-3	0.000779	CC13	0.00017	0.33119384
N+7.44	B2	107	VG Aumento 50x45	9.785	CC13-1	0.000042	0.61	CC13-3	0.000779	CC13	0.00017	0.33119384
N+7.44	B3	108	VG Aumento 50x45	0.34	CC13-3	0.000051	0.51	CC13-3	0.000779	CC13	0.00015	0.33119384
N+7.44	B3	108	VG Aumento 50x45	0.8	CC13-3	0.000044	0.59	CC13-3	0.000779	CC13	0.00015	0.33119384
N+7.44	B3	108	VG Aumento 50x45	1.26	CC13-3	0.000042	0.61	CC13-3	0.000779	CC13	0.00015	0.33119384
N+7.44	B3	108	VG Aumento 50x45	1.72	CC13-3	0.000042	0.61	CC13-3	0.000779	CC13	0.00015	0.33119384
N+7.44	B3	108	VG Aumento 50x45	2.18	CC13-3	0.000042	0.61	CC13-3	0.000779	CC13	0.00015	0.33119384
N+7.44	B3	108	VG Aumento 50x45	2.64	CC13-3	0.000042	0.61	CC13-3	0.000779	CC13	0.00015	0.33119384
N+7.44	B3	108	VG Aumento 50x45	3.1	CC13-3	0.000042	0.61	CC13-3	0.000779	CC13	0.00015	0.33119384
N+7.44	B3	108	VG Aumento 50x45	3.56	CC13-3	0.000042	0.61	CC13-3	0.000779	CC13	0.00015	0.33119384
N+7.44	B3	108	VG Aumento 50x45	4.02	CC13-3	0.000042	0.61	CC13-3	0.000779	CC13	0.00015	0.33119384

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N+7.44	B3	108	VG Aumento 50x45	4.48	CC13-2	0.000049	0.53	CC13-3	0.000779	CC13	0.00015	0.3311938	4
N+7.44	B3	108	VG Aumento 50x45	4.94	CC13-2	0.000056	0.46	CC13-3	0.000779	CC13	0.00015	0.3311938	4
N+7.44	B19	109	VG Aumento 50x45	0.275	CC13-3	0.000042	0.61	CC13-3	0	CC13-3	0		
N+7.44	B19	109	VG Aumento 50x45	0.74705	CC13-3	0.000042	0.61	CC13-3	0	CC13-3	0		
N+7.44	B19	109	VG Aumento 50x45	1.2191	CC13-3	0.000042	0.61	CC13-3	0	CC13-3	0		
N+7.44	B19	109	VG Aumento 50x45	1.69115	CC13-3	0.000042	0.61	CC13-3	0	CC13-3	0		
N+7.44	B19	109	VG Aumento 50x45	2.1632	CC13-3	0.000042	0.61	CC13-3	0	CC13-3	0		
N+7.44	B19	109	VG Aumento 50x45	2.63525	CC13-3	0.000042	0.61	CC13-3	0	CC13-3	0		
N+7.44	B19	109	VG Aumento 50x45	3.1073	CC13-3	0.000042	0.61	CC13-3	0	CC13-3	0		
N+7.44	B19	109	VG Aumento 50x45	3.57935	CC13-3	0.000042	0.61	CC13-3	0	CC13-3	0		
N+7.44	B19	109	VG Aumento 50x45	4.0514	CC13-3	0.000042	0.61	CC13-3	0	CC13-3	0		
N+7.44	B19	109	VG Aumento 50x45	4.52345	CC13-2	0.000042	0.61	CC13-3	0	CC13-3	0		
N+7.44	B20	110	VG 40X45	0.28	CC13-3	0.000033	0.78	CC13-3	0	CC13-3	0		
N+7.44	B20	110	VG 40X45	0.748	CC13-3	0.000033	0.78	CC13-3	0	CC13-3	0		
N+7.44	B20	110	VG 40X45	1.216	CC13-3	0.000033	0.78	CC13-3	0	CC13-3	0		
N+7.44	B20	110	VG 40X45	1.684	CC13-3	0.000033	0.78	CC13-3	0	CC13-3	0		
N+7.44	B20	110	VG 40X45	2.152	CC13-3	0.000033	0.78	CC13-3	0	CC13-3	0		
N+7.44	B20	110	VG 40X45	2.62	CC13-3	0.000033	0.78	CC13-3	0	CC13-3	0		
N+7.44	B20	110	VG 40X45	3.088	CC13-3	0.000033	0.78	CC13-3	0	CC13-3	0		
N+7.44	B20	110	VG 40X45	3.556	CC13-3	0.000033	0.78	CC13-3	0	CC13-3	0		
N+7.44	B20	110	VG 40X45	4.024	CC13-3	0.000033	0.78	CC13-3	0	CC13-3	0		
N+7.44	B20	110	VG 40X45	4.492	CC13-3	0.000033	0.78	CC13-3	0	CC13-3	0		

N+7.44	B2 0	110	VG 40X45	4.96	CC1 3-3	0.000 33	0.78	CC13-3	0	CC13-3	0	
N+7.44	B2 2	111	VG 40X45	0.27	CC1 3-3	0.000 33	0.78	CC13-3	0	CC13-3	0	
N+7.44	B2 2	111	VG 40X45	0.74 112	CC1 3-3	0.000 33	0.78	CC13-3	0	CC13-3	0	
N+7.44	B2 2	111	VG 40X45	1.21 224	CC1 3-3	0.000 33	0.78	CC13-3	0	CC13-3	0	
N+7.44	B2 2	111	VG 40X45	1.68 336	CC1 3-3	0.000 33	0.78	CC13-3	0	CC13-3	0	
N+7.44	B2 2	111	VG 40X45	2.15 449	CC1 3-3	0.000 33	0.78	CC13-3	0	CC13-3	0	
N+7.44	B2 2	111	VG 40X45	2.62 561	CC1 3-3	0.000 33	0.78	CC13-3	0	CC13-3	0	
N+7.44	B2 2	111	VG 40X45	3.09 673	CC1 3-3	0.000 33	0.78	CC13-3	0	CC13-3	0	
N+7.44	B2 2	111	VG 40X45	3.56 785	CC1 3-3	0.000 33	0.78	CC13-3	0	CC13-3	0	
N+7.44	B2 2	111	VG 40X45	4.03 897	CC1 3-3	0.000 33	0.78	CC13-3	0	CC13-3	0	
N+7.44	B2 2	111	VG 40X45	4.51 009	CC1 3-3	0.000 33	0.78	CC13-3	0	CC13-3	0	
N+7.44	B2 1	13	VG NUEVA 40X45	0	CC1 3-2	0.000 33	0.78	CC13-3	0.000 661	CC13-3	0.000 12	0.3903177
N+7.44	B2 1	13	VG NUEVA 40X45	0.45 136	CC1 3-2	0.000 33	0.78	CC13-3	0.000 661	CC13-3	0.000 12	0.3903177
N+7.44	B2 1	13	VG NUEVA 40X45	0.90 271	CC1 3-2	0.000 33	0.78	CC13-3	0.000 661	CC13-3	0.000 12	0.3903177
N+7.44	B2 1	13	VG NUEVA 40X45	1.35 407	CC1 3-2	0.000 33	0.78	CC13-3	0.000 661	CC13-3	0.000 12	0.3903177
N+7.44	B2 1	13	VG NUEVA 40X45	1.80 543	CC1 3-2	0.000 33	0.78	CC13-3	0.000 661	CC13-3	0.000 12	0.3903177
N+7.44	B2 1	13	VG NUEVA 40X45	2.25 678	CC1 3-2	0.000 33	0.78	CC13-3	0.000 661	CC13-3	0.000 12	0.3903177
N+7.44	B2 1	13	VG NUEVA 40X45	2.70 814	CC1 3-2	0.000 33	0.78	CC13-3	0.000 661	CC13-3	0.000 12	0.3903177
N+7.44	B2 1	13	VG NUEVA 40X45	3.15 95	CC1 3-2	0.000 33	0.78	CC13-3	0.000 661	CC13-3	0.000 12	0.3903177
N+7.44	B2 1	13	VG NUEVA 40X45	3.61 085	CC1 3-2	0.000 33	0.78	CC13-3	0.000 661	CC13-3	0.000 12	0.3903177
N+7.44	B2 1	13	VG NUEVA 40X45	4.06 221	CC1 3-2	0.000 33	0.78	CC13-3	0.000 661	CC13-3	0.000 12	0.3903177
N+7.44	B2 1	13	VG NUEVA 40X45	4.51 357	CC1 3-2	0.000 33	0.78	CC13-3	0.000 661	CC13-3	0.000 12	0.3903177
N+7.44	B2 4	101	VG 40X45	0.28	CC1 3-3	0		CC13-3	0	CC13-3	0	
N+7.44	B2 4	101	VG 40X45	0.73	CC1 3-3	0		CC13-3	0	CC13-3	0	
N+7.44	B2 4	101	VG 40X45	1.18	CC1 3-3	0		CC13-3	0	CC13-3	0	
N+7.44	B2 4	101	VG 40X45	1.63	CC1 3-3	0		CC13-3	0	CC13-3	0	
N+7.44	B2 4	101	VG 40X45	1.63	CC1 3-3	0		CC13-3	0	CC13-3	0	
N+7.44	B2 4	101	VG 40X45	2.09 1	CC1 3-3	0		CC13-3	0	CC13-3	0	

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N+7.44	B24	101	VG 40X45	2.552	CC13-3	0		CC13-3	0	CC13-3	0		
N+7.44	B24	101	VG 40X45	3.013	CC13-3	0		CC13-3	0	CC13-3	0		
N+7.44	B24	101	VG 40X45	3.474	CC13-3	0		CC13-3	0	CC13-3	0		
N+7.44	B24	101	VG 40X45	3.935	CC13-3	0		CC13-3	0	CC13-3	0		
N+7.44	B24	101	VG 40X45	4.396	CC13-3	0		CC13-3	0	CC13-3	0		
N+7.44	B24	101	VG 40X45	4.857	CC13-3	0		CC13-3	0	CC13-3	0		
N+7.44	B24	101	VG 40X45	5.318	CC13-3	0		CC13-3	0	CC13-3	0		
N+7.44	B24	101	VG 40X45	5.779	CC13-3	0		CC13-3	0	CC13-3	0		
N+7.44	B24	101	VG 40X45	6.24	CC13-3	0		CC13-3	0	CC13-3	0		
N+7.44	B24	101	VG 40X45	6.24	CC12-1	33	0.78	CC13-3	0.000656	CC13	0.00028	0.39329268	
N+7.44	B24	101	VG 40X45	6.72889	CC12-1	33	0.78	CC13-3	0.000656	CC13	0.00028	0.39329268	
N+7.44	B24	101	VG 40X45	7.21778	CC12-1	33	0.78	CC13-3	0.000656	CC13	0.00028	0.39329268	
N+7.44	B24	101	VG 40X45	7.70667	CC12-1	33	0.78	CC13-3	0.000656	CC13	0.00028	0.39329268	
N+7.44	B24	101	VG 40X45	8.19556	CC12-1	33	0.78	CC13-3	0.000656	CC13	0.00028	0.39329268	
N+7.44	B24	101	VG 40X45	8.68444	CC13-1	11	2.35	CC13-3	0.000656	CC13	0.00028	0.39329268	
N+7.44	B24	101	VG 40X45	9.17333	CC13-1	11	2.35	CC13-3	0.000656	CC13	0.00028	0.39329268	
N+7.44	B24	101	VG 40X45	9.66222	CC13-1	11	2.35	CC13-3	0.000656	CC13	0.00028	0.39329268	
N+7.44	B24	101	VG 40X45	10.15111	CC13-1	11	2.35	CC13-3	0.000656	CC13	0.00028	0.39329268	
N+7.44	B24	101	VG 40X45	10.64	CC13-1	11	2.35	CC13-3	0.000656	CC13	0.00028	0.39329268	
N+7.44	B25	112	VG Aumento 50x45	0.34	CC13-3	42	0.61	CC13-3	0	CC13-3	0		
N+7.44	B25	112	VG Aumento 50x45	0.84	CC13-3	42	0.61	CC13-3	0	CC13-3	0		
N+7.44	B25	112	VG Aumento 50x45	1.34001	CC13-3	42	0.61	CC13-3	0	CC13-3	0		
N+7.44	B25	112	VG Aumento 50x45	1.84001	CC13-3	42	0.61	CC13-3	0	CC13-3	0		
N+7.44	B25	112	VG Aumento 50x45	2.34001	CC13-3	42	0.61	CC13-3	0	CC13-3	0		
N+7.44	B25	112	VG Aumento 50x45	2.84002	CC13-3	42	0.61	CC13-3	0	CC13-3	0		

N+7.44	B25	112	VG Aumento 50x45	3.34002	CC13-3	0.00042	0.61	CC13-3	0	CC13-3	0		
N+7.44	B25	112	VG Aumento 50x45	3.84002	CC13-3	0.00042	0.61	CC13-3	0	CC13-3	0		
N+7.44	B25	112	VG Aumento 50x45	4.34003	CC13-3	0.00042	0.61	CC13-3	0	CC13-3	0		
N+7.44	B25	112	VG Aumento 50x45	4.84003	CC13-3	0.00042	0.61	CC13-3	0	CC13-3	0		
N+7.44	B25	112	VG Aumento 50x45	4.84003	CC13-3	0		CC13-3	0	CC13-3	0		
N+7.44	B25	112	VG Aumento 50x45	5.34004	CC13-3	0		CC13-3	0	CC13-3	0		
N+7.44	B25	112	VG Aumento 50x45	5.84004	CC13-3	0		CC13-3	0	CC13-3	0		
N+7.44	B25	112	VG Aumento 50x45	6.34004	CC13-2	0.00042	0.61	CC13-3	0	CC13-3	0		
N+7.44	B25	112	VG Aumento 50x45	6.84005	CC13-3	0.00042	0.61	CC13-3	0	CC13-3	0		
N+7.44	B25	112	VG Aumento 50x45	7.34005	CC13-3	0.00042	0.61	CC13-3	0	CC13-3	0		
N+7.44	B25	112	VG Aumento 50x45	7.84005	CC13-3	0.00042	0.61	CC13-3	0	CC13-3	0		
N+7.44	B25	112	VG Aumento 50x45	8.34006	CC13-3	0.00042	0.61	CC13-3	0	CC13-3	0		
N+7.44	B25	112	VG Aumento 50x45	8.84006	CC13-3	0.00043	0.60	CC13-3	0	CC13-3	0		
N+7.44	B25	112	VG Aumento 50x45	9.34006	CC13-3	0.00051	0.51	CC13-3	0	CC13-3	0		
N+7.44	B53	58	VG 40X45	0	CC13-3	0.00057	0.45	CC13-3	0.001009	CC13-1	0.00075	0.25569871	
N+7.44	B53	58	VG 40X45	0.32	CC13-3	0.00053	0.49	CC13-3	0.001009	CC13-1	0.00075	0.25569871	
N+7.44	B53	58	VG 40X45	0.32	CC13-3	0.00053	0.49	CC13-3	0.001009	CC13-1	0.00075	0.25569871	
N+7.44	B53	58	VG 40X45	0.79356	CC13-3	0.00049	0.53	CC13-3	0.001009	CC13-1	0.00075	0.25569871	
N+7.44	B53	58	VG 40X45	1.26712	CC13-3	0.00043	0.60	CC13-3	0.001009	CC13-1	0.00075	0.25569871	
N+7.44	B53	58	VG 40X45	1.74069	CC13-3	0.00036	0.72	CC13-3	0.001009	CC13-1	0.00075	0.25569871	
N+7.44	B53	58	VG 40X45	2.21425	CC13-3	0.00032	0.81	CC13-3	0.001009	CC13-1	0.00075	0.25569871	

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N+7.	B5			2.68	CC1	0.000		CC13-	0.001	CC13-	0.000	0.2556987	
44	3	58	VG 40X45	781	3-3	29	0.89	3	009	1	75	1	
N+7.	B5				CC1	0.000		CC13-	0.000		0.000	0.3932926	
44	2	59	VG 40X45	0	3-3	48	0.54	3	656	CC13	16	8	
N+7.	B5			0.47	CC1	0.000		CC13-	0.000		0.000	0.3932926	
44	2	59	VG 40X45	603	3-3	45	0.57	3	656	CC13	16	8	
N+7.	B5			0.95	CC1	0.000		CC13-	0.000		0.000	0.3932926	
44	2	59	VG 40X45	207	3-3	44	0.59	3	656	CC13	16	8	
N+7.	B5			1.42	CC1	0.000		CC13-	0.000		0.000	0.3932926	
44	2	59	VG 40X45	81	3-3	5	0.52	3	656	CC13	16	8	
N+7.	B5			1.90	CC1	0.000		CC13-	0.000		0.000	0.3932926	
44	2	59	VG 40X45	414	3-3	56	0.46	3	656	CC13	16	8	
N+7.	B5			2.38	CC1	0.000		CC13-	0.000		0.000	0.3932926	
44	2	59	VG 40X45	017	3-3	61	0.42	3	656	CC13	16	8	
N+7.	B4				CC1	0.000		CC13-	0.000	CC13-	0.000		
44	4	74	VG 20X45	0	2-1	16	1.61	3	4	2	42	0.645	
N+7.	B4			0.44	CC1	0.000		CC13-	0.000	CC13-	0.000		
44	4	74	VG 20X45	464	2-1	14	1.84	3	4	2	42	0.645	
N+7.	B4			0.88	CC1	0.000		CC13-	0.000	CC13-	0.000		
44	4	74	VG 20X45	928	3-1	13	1.98	3	4	2	42	0.645	
N+7.	B4			1.33	CC1	0.000		CC13-	0.000	CC13-	0.000		
44	4	74	VG 20X45	392	3-1	19	1.36	3	4	2	42	0.645	
N+7.	B4			1.77	CC1	0.000		CC13-	0.000	CC13-	0.000		
44	4	74	VG 20X45	856	3-1	26	0.99	3	4	2	42	0.645	
N+7.	B4			1.77	CC1	0.000		CC13-		CC13-			
44	4	74	VG 20X45	856	3-3	17	1.52	3	0	3	0		
N+7.	B4			2.24	CC1	0.000		CC13-		CC13-			
44	4	74	VG 20X45	456	3-3	17	1.52	3	0	3	0		
N+7.	B4			2.71	CC1			CC13-		CC13-			
44	4	74	VG 20X45	056	3-3	0		3	0	3	0		
N+7.	B4			3.17	CC1			CC13-		CC13-			
44	4	74	VG 20X45	656	3-3	0		3	0	3	0		
N+7.	B4			3.64	CC1	0.000		CC13-		CC13-			
44	4	74	VG 20X45	256	3-2	17	1.52	3	0	3	0		
N+7.	B4			4.10	CC1	0.000		CC13-		CC13-			
44	4	74	VG 20X45	856	3-2	17	1.52	3	0	3	0		
N+7.	B4			4.10	CC1			CC13-	0.000		0.000	0.3969230	
44	4	74	VG 20X45	856	3	0		3	65	CC13	69	8	
N+7.	B4			4.53	CC1			CC13-	0.000		0.000	0.3969230	
44	4	74	VG 20X45	256	3	0		3	65	CC13	69	8	
N+7.	B4			4.95	CC1			CC13-	0.000		0.000	0.3969230	
44	4	74	VG 20X45	657	3	0		3	65	CC13	69	8	
N+7.	B4			5.38	CC1			CC13-	0.000		0.000	0.3969230	
44	4	74	VG 20X45	057	3	0		3	65	CC13	69	8	
N+7.	B4			5.80	CC1			CC13-	0.000		0.000	0.3969230	
44	4	74	VG 20X45	457	3	0		3	65	CC13	69	8	
N+7.	B4			6.22	CC1			CC13-	0.000		0.000	0.3969230	
44	4	74	VG 20X45	857	3	0		3	65	CC13	69	8	
N+7.	B2				CC1			CC13-	0.002		0.001	0.1170598	
44	3	84	VG 40X45	0	2	0		3	204	CC13	64	9	
N+7.	B2				CC1			CC13-	0.002		0.001	0.1170598	
44	3	84	VG 40X45	0.25	2	0		3	204	CC13	64	9	
N+7.	B2				CC1			CC13-	0.000	CC13-	0.000	0.3696275	
44	3	84	VG 40X45	0.25	3-3	0		3	698	1	52	1	
N+7.	B2			0.68	CC1			CC13-	0.000	CC13-	0.000	0.3696275	
44	3	84	VG 40X45	167	3-3	0		3	698	1	52	1	

N+7.	B2			1.11	CC1			CC13-	0.000	CC13-	0.000	0.3696275		
44	3	84	VG 40X45	333	3-3	0		3	698	1	52	1		
N+7.	B2			1.54	CC1			CC13-	0.000	CC13-	0.000	0.3696275		
44	3	84	VG 40X45	5	3-3	0		3	698	1	52	1		
N+7.	B2			1.97	CC1			CC13-	0.000	CC13-	0.000	0.3696275		
44	3	84	VG 40X45	667	3-3	0		3	698	1	52	1		
N+7.	B2			2.40	CC1			CC13-	0.000	CC13-	0.000	0.3696275		
44	3	84	VG 40X45	833	3-3	0		3	698	1	52	1		
N+7.	B2				CC1			CC13-	0.000	CC13-	0.000	0.3696275		
44	3	84	VG 40X45	2.84	3-3	0		3	698	1	52	1		
N+7.	B2				CC1			CC13-	0.000	CC13-	0.000	0.3177339		
44	3	84	VG 40X45	2.84	3-3	0		3	812	1	6	9		
N+7.	B2				CC1			CC13-	0.000	CC13-	0.000	0.3177339		
44	3	84	VG 40X45	2.85	3-3	0		3	812	1	6	9		
N+7.	B2				CC1			CC13-	0.000	CC13-	0.000	0.3717579		
44	3	84	VG 40X45	2.85	3-3	0		3	694	1	52	3		
N+7.	B2				CC1			CC13-	0.000	CC13-	0.000	0.3717579		
44	3	84	VG 40X45	3.21	3-3	0		3	694	1	52	3		
N+7.	B3				CC1	0.000		CC13-	0.000		0.000	0.3932926		
44	4	85	VG 40X45	0	3-3	33	0.78	3	656	CC13	11	8		
N+7.	B3				CC1	0.000		CC13-	0.000		0.000	0.3932926		
44	4	85	VG 40X45	0.41	3-3	33	0.78	3	656	CC13	11	8		
N+7.	B3				CC1	0.000		CC13-	0.000		0.000	0.3932926		
44	4	85	VG 40X45	0.41	3-3	33	0.78	3	656	CC13	11	8		
N+7.	B3				CC1	0.000		CC13-	0.000		0.000	0.3932926		
44	4	85	VG 40X45	0.91	3-3	33	0.78	3	656	CC13	11	8		
N+7.	B3				CC1	0.000		CC13-	0.000		0.000	0.3932926		
44	4	85	VG 40X45	1.41	3-3	33	0.78	3	656	CC13	11	8		
N+7.	B3				CC1	0.000		CC13-	0.000		0.000	0.3932926		
44	4	85	VG 40X45	1.91	3-3	33	0.78	3	656	CC13	11	8		
N+7.	B3				CC1	0.000		CC13-	0.000		0.000	0.3932926		
44	4	85	VG 40X45	2.41	3-3	33	0.78	3	656	CC13	11	8		
N+7.	B3				CC1	0.000		CC13-	0.000		0.000	0.3932926		
44	4	85	VG 40X45	2.41	3-3	33	0.78	3	656	CC13	11	8		
N+7.	B3			2.67	CC1	0.000		CC13-	0.000		0.000	0.3932926		
44	4	85	VG 40X45	655	3-3	33	0.78	3	656	CC13	11	8		
N+7.					CC1	0.000		CC13-	0.000	CC13-	0.000	0.3932926		
44	B6	87	VG 40X45	0	3-1	12	2.15	3	656	3	14	8		
N+7.					CC1	0.000		CC13-	0.000	CC13-	0.000	0.3932926		
44	B6	87	VG 40X45	0.43	3-1	12	2.15	3	656	3	14	8		
N+7.					CC1	0.000		CC13-	0.000	CC13-	0.000	0.3932926		
44	B6	87	VG 40X45	0.86	3-1	12	2.15	3	656	3	14	8		
N+7.	B2				CC1	0.000		CC13-	0.000	CC13-	0.000	0.3932926		
44	9	82	VG 40X45	0	3-2	13	1.98	3	656	3	14	8		
N+7.	B2			0.46	CC1	0.000		CC13-	0.000	CC13-	0.000	0.3932926		
44	9	82	VG 40X45	667	3-2	13	1.98	3	656	3	14	8		
N+7.	B2			0.93	CC1	0.000		CC13-	0.000	CC13-	0.000	0.3932926		
44	9	82	VG 40X45	333	3-2	13	1.98	3	656	3	14	8		
N+7.	B2				CC1	0.000		CC13-	0.000	CC13-	0.000	0.3932926		
44	9	82	VG 40X45	1.4	3-2	13	1.98	3	656	3	14	8		
N+7.	B2				CC1	0.000		CC13-	0.000		0.000	0.3932926		
44	9	82	VG 40X45	1.4	3-1	14	1.84	3	656	CC13	24	8		
N+7.	B2			1.87	CC1	0.000		CC13-	0.000		0.000	0.3932926		
44	9	82	VG 40X45	875	3-1	14	1.84	3	656	CC13	24	8		
N+7.	B2			2.35	CC1	0.000		CC13-	0.000		0.000	0.3932926		
44	9	82	VG 40X45	75	3-1	14	1.84	3	656	CC13	24	8		

N+7.44	B2 9	82	VG 40X45	2.83625	CC1 3-1	0.00014	1.84	CC13-3	0.000656	CC13	0.00024	0.3932926 8
N+7.44	B2 9	82	VG 40X45	3.315	CC1 3-1	0.00014	1.84	CC13-3	0.000656	CC13	0.00024	0.3932926 8
N+7.44	B2 9	82	VG 40X45	3.79375	CC1 3-1	0.00014	1.84	CC13-3	0.000656	CC13	0.00024	0.3932926 8
N+7.44	B2 9	82	VG 40X45	4.2725	CC1 3-1	0.00014	1.84	CC13-3	0.000656	CC13	0.00024	0.3932926 8
N+7.44	B2 9	82	VG 40X45	4.75125	CC1 3-1	0.00014	1.84	CC13-3	0.000656	CC13	0.00024	0.3932926 8
N+7.44	B2 9	82	VG 40X45	5.23	CC1 3-1	0.00014	1.84	CC13-3	0.000656	CC13	0.00024	0.3932926 8
N+7.44	B2 9	82	VG 40X45	5.70876	CC1 3-1	0.00014	1.84	CC13-3	0.000656	CC13	0.00024	0.3932926 8
N+7.44	B2 9	82	VG 40X45	6.18751	CC1 3-1	0.00014	1.84	CC13-3	0.000656	CC13	0.00024	0.3932926 8
N+7.44	B2 9	82	VG 40X45	6.66626	CC1 3-1	0.00014	1.84	CC13-3	0.000656	CC13	0.00024	0.3932926 8
N+7.44	B2 9	82	VG 40X45	7.14501	CC1 3-1	0.00014	1.84	CC13-3	0.000656	CC13	0.00024	0.3932926 8
N+7.44	B2 9	82	VG 40X45	7.62376	CC1 3-1	0.00014	1.84	CC13-3	0.000656	CC13	0.00024	0.3932926 8
N+7.44	B2 9	82	VG 40X45	8.10251	CC1 3-1	0.00014	1.84	CC13-3	0.000656	CC13	0.00024	0.3932926 8
N+7.44	B2 9	82	VG 40X45	8.58126	CC1 3-1	0.00014	1.84	CC13-3	0.000656	CC13	0.00024	0.3932926 8
N+7.44	B2 9	82	VG 40X45	9.06001	CC1 3-1	0.00014	1.84	CC13-3	0.000656	CC13	0.00024	0.3932926 8
N+7.44	B2 8	32	VG 40X45	0.28	CC1 3-3	0		CC13-3	0.000656	CC13	0.00009	0.3932926 8
N+7.44	B2 8	32	VG 40X45	0.77334	CC1 3-3	0		CC13-3	0.000656	CC13	0.00009	0.3932926 8
N+7.44	B2 8	32	VG 40X45	1.26667	CC1 3-3	0		CC13-3	0.000656	CC13	0.00009	0.3932926 8
N+7.44	B2 8	32	VG 40X45	1.76001	CC1 3-3	0		CC13-3	0.000656	CC13	0.00009	0.3932926 8
N+7.44	B2 8	32	VG 40X45	1.76001	CC1 3-3	0		CC13-3	0	CC13-3	0	
N+7.44	B2 8	32	VG 40X45	2.21667	CC1 3-3	0		CC13-3	0	CC13-3	0	
N+7.44	B2 8	32	VG 40X45	2.67334	CC1 3-3	0		CC13-3	0	CC13-3	0	
N+7.44	B2 8	32	VG 40X45	3.13	CC1 3-3	0		CC13-3	0	CC13-3	0	
N+7.44	B3 1	67	VG 40X45	0	CC1 3-3	0		CC13-3	0	CC13-3	0	
N+7.44	B3 1	67	VG 40X45	0.44001	CC1 3-3	0		CC13-3	0	CC13-3	0	
N+7.44	B3 1	67	VG 40X45	0.88001	CC1 3-3	0		CC13-3	0	CC13-3	0	
N+7.44	B3 1	67	VG 40X45	1.32002	CC1 3-3	0		CC13-3	0	CC13-3	0	
N+7.44	B3 1	67	VG 40X45	1.76002	CC1 3-3	0		CC13-3	0	CC13-3	0	
N+7.44	B3 1	67	VG 40X45	2.20003	CC1 3-3	0		CC13-3	0	CC13-3	0	

N+7.44	B31	67	VG 40X45	2.64004	CC13-3	0		CC13-3	0	CC13-3	0		
N+7.44	B31	67	VG 40X45	3.08004	CC13-3	0		CC13-3	0	CC13-3	0		
N+7.44	B32	69	VG 40X45	0	CC13-3	0.00033	0.78	CC13-3	0	CC13-3	0		
N+7.44	B32	69	VG 40X45	0.49667	CC13-3	0.00033	0.78	CC13-3	0	CC13-3	0		
N+7.44	B32	69	VG 40X45	0.99333	CC13-3	0.00033	0.78	CC13-3	0	CC13-3	0		
N+7.44	B32	69	VG 40X45	1.49	CC13-3	0.00033	0.78	CC13-3	0	CC13-3	0		
N+7.44	B32	69	VG 40X45	1.98667	CC13-3	0		CC13-3	0	CC13-3	0		
N+7.44	B32	69	VG 40X45	2.48333	CC13-3	0		CC13-3	0	CC13-3	0		
N+7.44	B32	69	VG 40X45	2.98	CC133	0.00033	0.78	CC13-3	0	CC13-3	0		
N+7.44	B32	69	VG 40X45	3.47667	CC13-2	0.00033	0.78	CC13-3	0	CC13-3	0		
N+7.44	B32	69	VG 40X45	3.97333	CC13-2	0.00033	0.78	CC13-3	0	CC13-3	0		
N+7.44	B32	69	VG 40X45	4.47	CC13-2	0.00033	0.78	CC13-3	0	CC13-3	0		
N+7.44	B35	70	VG Aumento 50x45	0	CC13-3	0.00202	0.13	CC13-3	0.000779	CC13	0.00019	0.3311938	4
N+7.44	B35	70	VG Aumento 50x45	0.45625	CC13-3	0.00204	0.13	CC13-3	0.000779	CC13	0.00019	0.3311938	4
N+7.44	B35	70	VG Aumento 50x45	0.9125	CC13-3	0.00195	0.13	CC13-3	0.000779	CC13	0.00019	0.3311938	4
N+7.44	B35	70	VG Aumento 50x45	1.36875	CC13-3	0.00185	0.14	CC13-3	0.000779	CC13	0.00019	0.3311938	4
N+7.44	B35	70	VG Aumento 50x45	1.825	CC133	0.0019	0.14	CC13-3	0.000779	CC13	0.00019	0.3311938	4
N+7.44	B35	70	VG Aumento 50x45	1.825	CC133	0.00228	0.11	CC13-3	0.000779	CC13	0.00019	0.3311938	4
N+7.44	B35	70	VG Aumento 50x45	1.99	CC133	0.00229	0.11	CC13-3	0.000779	CC13	0.00019	0.3311938	4
N+7.44	B35	70	VG Aumento 50x45	1.99	CC133	0.00255	0.10	CC13-3	0.000779	CC13	0.00011	0.3311938	4
N+7.44	B35	70	VG Aumento 50x45	2.42115	CC133	0.00258	0.10	CC13-3	0.000779	CC13	0.00011	0.3311938	4
N+7.44	B35	70	VG Aumento 50x45	2.853	CC133	0.00248	0.10	CC13-3	0.000779	CC13	0.00011	0.3311938	4

N+744	B35	70	VG Aumento 50x45	2.853	CC13-3	0		CC13-3	0	CC13-3	0		
N+744	B35	70	VG Aumento 50x45	3.113	CC13-3	0		CC13-3	0	CC13-3	0		
N+744	B36	88	VG 40X45	0	CC13-3	0		CC13-3	0	CC13-3	0		
N+744	B36	88	VG 40X45	0.41085	CC13-3	0		CC13-3	0	CC13-3	0		
N+744	B36	88	VG 40X45	0.837	CC13-3	0		CC13-3	0	CC13-3	0		
N+744	B36	88	VG 40X45	0.837	CC13-3	0		CC13-3	0	CC13-3	0		
N+744	B36	88	VG 40X45	1.25467	CC13-3	0		CC13-3	0	CC13-3	0		
N+744	B36	88	VG 40X45	1.67233	CC13-3	0		CC13-3	0	CC13-3	0		
N+744	B36	88	VG 40X45	2.09	CC13-3	0		CC13-3	0	CC13-3	0		
N+744	B37	76	VG Aumento 50x45	0.275	CC13-1	0.00337	0.08	CC13-3	0.000779	CC13	0.00026	0.3311938	4
N+744	B37	76	VG Aumento 50x45	0.70376	CC13-1	0.00331	0.08	CC13-3	0.000779	CC13	0.00026	0.3311938	4
N+744	B37	76	VG Aumento 50x45	1.13252	CC13-1	0.00321	0.08	CC13-3	0.000779	CC13	0.00026	0.3311938	4
N+744	B37	76	VG Aumento 50x45	1.56127	CC13-1	0.00309	0.08	CC13-3	0.000779	CC13	0.00026	0.3311938	4
N+744	B37	76	VG Aumento 50x45	1.99003	CC13-2	0.00306	0.08	CC13-3	0.000779	CC13	0.00026	0.3311938	4
N+744	B37	76	VG Aumento 50x45	1.99003	CC13-1	0.00342	0.08	CC13-3	0.001197	CC13-2	0.00078	0.2155388	5
N+744	B37	76	VG Aumento 50x45	2.27004	CC13-1	0.00326	0.08	CC13-3	0.001197	CC13-2	0.00078	0.2155388	5
N+744	B38	90	VG 40X45	0	CC13-3	0		CC13-3	0.001384	CC13	0.00103	0.1864161	8
N+744	B38	90	VG 40X45	0.3	CC13-3	0		CC13-3	0.001384	CC13	0.00103	0.1864161	8
N+744	B38	90	VG 40X45	0.60001	CC13-3	0		CC13-3	0.001384	CC13	0.00103	0.1864161	8
N+744	B38	90	VG 40X45	0.60001	CC13-3	0		CC13-3	0.001384	CC13	0.00103	0.1864161	8
N+744	B38	90	VG 40X45	0.61001	CC13-3	0		CC13-3	0.001384	CC13	0.00103	0.1864161	8
N+744	B38	90	VG 40X45	0.61001	CC13-2-1	0.00009	2.87	CC13-3	0.000656	CC13	0.00029	0.3932926	8
N+744	B38	90	VG 40X45	0.85005	CC13-2-1	0.00009	2.87	CC13-3	0.000656	CC13	0.00029	0.3932926	8

N+7.44	B38	90	VG 40X45	0.85005	CC12-1	0.00009	2.87	CC13-3	0.000656	CC13	0.00029	0.39329268
N+7.44	B38	90	VG 40X45	1.26504	CC12-1	0.00009	2.87	CC13-3	0.000656	CC13	0.00029	0.39329268
N+7.44	B38	90	VG 40X45	1.68003	CC12-1	0.00009	2.87	CC13-3	0.000656	CC13	0.00029	0.39329268
N+7.44	B38	90	VG 40X45	1.68003	CC12-1	0.00009	2.87	CC13-3	0.000656	CC13	0.00029	0.39329268
N+7.44	B38	90	VG 40X45	2.17504	CC12-1	0.00009	2.87	CC13-3	0.000656	CC13	0.00029	0.39329268
N+7.44	B38	90	VG 40X45	2.67005	CC12-1	0.00009	2.87	CC13-3	0.000656	CC13	0.00029	0.39329268
N+4.07	B1	17	VG Aumento 55x60	0.34	CC13-3	0.00125	0.21	CC13-3	0.001168	CC13	0.00014	0.22089041
N+4.07	B1	17	VG Aumento 55x60	0.76333	CC13-3	0.00121	0.21	CC13-3	0.001168	CC13	0.00014	0.22089041
N+4.07	B1	17	VG Aumento 55x60	1.18667	CC13-3	0.00116	0.22	CC13-3	0.001168	CC13	0.00014	0.22089041
N+4.07	B1	17	VG Aumento 55x60	1.61	CC13-3	0.00113	0.23	CC13-3	0.001168	CC13	0.00014	0.22089041
N+4.07	B1	17	VG Aumento 55x60	1.61	CC13-3	0.00046	0.56	CC13-3	0.001168	CC13	0.00014	0.22089041
N+4.07	B1	17	VG Aumento 55x60	2.10944	CC13-3	0.00046	0.56	CC13-3	0.001168	CC13	0.00014	0.22089041
N+4.07	B1	17	VG Aumento 55x60	2.60889	CC13-3	0.00046	0.56	CC13-3	0.001168	CC13	0.00014	0.22089041
N+4.07	B1	17	VG Aumento 55x60	3.10833	CC13-3	0.00046	0.56	CC13-3	0.001168	CC13	0.00014	0.22089041
N+4.07	B1	17	VG Aumento 55x60	3.60778	CC13-3	0.00046	0.56	CC13-3	0.001168	CC13	0.00014	0.22089041
N+4.07	B1	17	VG Aumento 55x60	4.10722	CC13-3	0.00046	0.56	CC13-3	0.001168	CC13	0.00014	0.22089041
N+4.07	B1	17	VG Aumento 55x60	4.60667	CC13-3	0.00046	0.56	CC13-3	0.001168	CC13	0.00014	0.22089041
N+4.07	B1	17	VG Aumento 55x60	5.10611	CC12-2	0.00022	1.17	CC13-3	0.001168	CC13	0.00014	0.22089041
N+4.07	B1	17	VG Aumento 55x60	5.60556	CC12-2	0.00022	1.17	CC13-3	0.001168	CC13	0.00014	0.22089041
N+4.07	B1	17	VG Aumento 55x60	6.105	CC12-2	0.00022	1.17	CC13-3	0.001168	CC13	0.00014	0.22089041

N +4.0 7	B1	17	VG Aumento 55x60	6.60445	CC1 3-2	0.000 46	0.56	CC13-3	0.001 168	CC13	0.000 14	0.2208904 1
N +4.0 7	B1	17	VG Aumento 55x60	7.10389	CC1 3-2	0.000 46	0.56	CC13-3	0.001 168	CC13	0.000 14	0.2208904 1
N +4.0 7	B1	17	VG Aumento 55x60	7.60334	CC1 3-3	0.000 46	0.56	CC13-3	0.001 168	CC13	0.000 14	0.2208904 1
N +4.0 7	B1	17	VG Aumento 55x60	8.10278	CC1 3-3	0.000 46	0.56	CC13-3	0.001 168	CC13	0.000 14	0.2208904 1
N +4.0 7	B1	17	VG Aumento 55x60	8.60223	CC1 3-3	0.000 46	0.56	CC13-3	0.001 168	CC13	0.000 14	0.2208904 1
N +4.0 7	B1	17	VG Aumento 55x60	9.10167	CC1 3-3	0.000 46	0.56	CC13-3	0.001 168	CC13	0.000 14	0.2208904 1
N +4.0 7	B1	17	VG Aumento 55x60	9.60112	CC1 3-3	0.000 46	0.56	CC13-3	0.001 168	CC13	0.000 14	0.2208904 1
N +4.0 7	B1	17	VG Aumento 55x60	10.10056	CC1 3	0.000 51	0.51	CC13-3	0.001 168	CC13	0.000 14	0.2208904 1
N +4.0 7	B1	17	VG Aumento 55x60	10.6	CC1 3	0.000 56	0.46	CC13-3	0.001 168	CC13	0.000 14	0.2208904 1
N +4.0 7	B4	31	VG Aumento 55x60	0.34	CC1 3-3	0.000 86	0.30	CC13-3	0.001 168	CC13-3	0.000 2	0.2208904 1
N +4.0 7	B4	31	VG Aumento 55x60	0.79 35	CC1 3-3	0.000 82	0.31	CC13-3	0.001 168	CC13-3	0.000 2	0.2208904 1
N +4.0 7	B4	31	VG Aumento 55x60	1.24 7	CC1 3-3	0.000 76	0.34	CC13-3	0.001 168	CC13-3	0.000 2	0.2208904 1
N +4.0 7	B4	31	VG Aumento 55x60	1.70 05	CC1 3-3	0.000 69	0.37	CC13-3	0.001 168	CC13-3	0.000 2	0.2208904 1
N +4.0 7	B4	31	VG Aumento 55x60	2.15 4	CC1 3-3	0.000 61	0.42	CC13-3	0.001 168	CC13-3	0.000 2	0.2208904 1
N +4.0 7	B4	31	VG Aumento 55x60	2.60 75	CC1 3-3	0.000 51	0.51	CC13-3	0.001 168	CC13-3	0.000 2	0.2208904 1
N +4.0 7	B4	31	VG Aumento 55x60	3.06 1	CC1 3-2	0.000 46	0.56	CC13-3	0.001 168	CC13-3	0.000 2	0.2208904 1
N +4.0 7	B4	31	VG Aumento 55x60	3.51 45	CC1 3-2	0.000 46	0.56	CC13-3	0.001 168	CC13-3	0.000 2	0.2208904 1
N +4.0 7	B4	31	VG Aumento 55x60	3.96 8	CC1 3-2	0.000 46	0.56	CC13-3	0.001 168	CC13-3	0.000 2	0.2208904 1

N			VG										
+4.0			Aumento	4.42	CC1	0.000		CC13-	0.001	CC13-	0.000	0.2208904	
7	B4	31	55x60	15	3-2	46	0.56	3	168	3	2	1	
N			VG										
+4.0			Aumento	4.87	CC1	0.000		CC13-	0.001	CC13-	0.000	0.2208904	
7	B4	31	55x60	501	3-2	46	0.56	3	168	3	2	1	
N			VG										
+4.0			Aumento	4.87	CC1	0.000		CC13-	0.001	CC13-	0.000	0.2208904	
7	B4	31	55x60	501	3-2	46	0.56	3	168	3	2	1	
N			VG										
+4.0			Aumento	5.37	CC1	0.000		CC13-	0.001	CC13-	0.000	0.2208904	
7	B4	31	55x60	334	3-2	46	0.56	3	168	3	2	1	
N			VG										
+4.0			Aumento	5.87	CC1	0.000		CC13-	0.001	CC13-	0.000	0.2208904	
7	B4	31	55x60	167	3-2	46	0.56	3	168	3	2	1	
N			VG										
+4.0			Aumento	6.37	CC1	0.000		CC13-	0.001	CC13-	0.000	0.2208904	
7	B4	31	55x60	001	3-2	46	0.56	3	168	3	2	1	
N			VG										
+4.0			Aumento	6.86	CC1	0.000		CC13-	0.001	CC13-	0.000	0.2208904	
7	B4	31	55x60	834	3-2	46	0.56	3	168	3	2	1	
N			VG										
+4.0			Aumento	7.36	CC1	0.000		CC13-	0.001	CC13-	0.000	0.2208904	
7	B4	31	55x60	667	3	54	0.48	3	168	3	2	1	
N			VG										
+4.0			Aumento	7.86	CC1	0.000		CC13-	0.001	CC13-	0.000	0.2208904	
7	B4	31	55x60	501	3	66	0.39	3	168	3	2	1	
N			VG										
+4.0			Aumento	8.36	CC1	0.000		CC13-	0.001	CC13-	0.000	0.2208904	
7	B4	31	55x60	334	3	76	0.34	3	168	3	2	1	
N			VG										
+4.0			Aumento	8.86	CC1	0.000		CC13-	0.001	CC13-	0.000	0.2208904	
7	B4	31	55x60	167	3	84	0.31	3	168	3	2	1	
N			VG										
+4.0			Aumento	9.36	CC1	0.000		CC13-	0.001	CC13-	0.000	0.2208904	
7	B4	31	55x60	001	3	9	0.29	3	168	3	2	1	
N													
+4.0					CC1	0.000		CC13-	0.000		0.000	0.3500678	
7	B7	34	VG40X50	0.34	3-3	48	0.54	3	737	CC13	12	4	
N													
+4.0				0.74	CC1	0.000		CC13-	0.000		0.000	0.3500678	
7	B7	34	VG40X50	6	3-3	44	0.59	3	737	CC13	12	4	
N													
+4.0				1.15	CC1	0.000		CC13-	0.000		0.000	0.3500678	
7	B7	34	VG40X50	2	3-3	39	0.66	3	737	CC13	12	4	
N													
+4.0				1.55	CC1	0.000		CC13-	0.000		0.000	0.3500678	
7	B7	34	VG40X50	8	3-3	33	0.78	3	737	CC13	12	4	
N													
+4.0				1.96	CC1	0.000		CC13-	0.000		0.000	0.3500678	
7	B7	34	VG40X50	4	3-3	33	0.78	3	737	CC13	12	4	
N													
+4.0					CC1	0.000		CC13-	0.000		0.000	0.3500678	
7	B7	34	VG40X50	2.37	3-3	33	0.78	3	737	CC13	12	4	

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N +4.07	B9	54	VG Aumento 40x60	0.28	CC1 3-3	0.000 83	0.31	CC13-3	0	CC13-3	0
N +4.07	B9	54	VG Aumento 40x60	0.73 525	CC1 3-3	0.000 78	0.33	CC13-3	0	CC13-3	0
N +4.07	B9	54	VG Aumento 40x60	1.19 05	CC1 3-3	0.000 69	0.37	CC13-3	0	CC13-3	0
N +4.07	B9	54	VG Aumento 40x60	1.64 575	CC1 3-3	0.000 57	0.45	CC13-3	0	CC13-3	0
N +4.07	B9	54	VG Aumento 40x60	2.10 1	CC1 3-3	0.000 42	0.61	CC13-3	0	CC13-3	0
N +4.07	B9	54	VG Aumento 40x60	2.55 625	CC1 3-3	0.000 33	0.78	CC13-3	0	CC13-3	0
N +4.07	B9	54	VG Aumento 40x60	3.01 15	CC1 3-3	0.000 33	0.78	CC13-3	0	CC13-3	0
N +4.07	B9	54	VG Aumento 40x60	3.46 675	CC1 3-3	0.000 33	0.78	CC13-3	0	CC13-3	0
N +4.07	B9	54	VG Aumento 40x60	3.92 2	CC1 3-3	0.000 33	0.78	CC13-3	0	CC13-3	0
N +4.07	B9	54	VG Aumento 40x60	4.37 725	CC1 3-3	0.000 33	0.78	CC13-3	0	CC13-3	0
N +4.07	B9	54	VG Aumento 40x60	4.83 25	CC1 3-3	0		CC13-3	0	CC13-3	0
N +4.07	B9	54	VG Aumento 40x60	4.83 25	CC1 3-3	0		CC13-3	0	CC13-3	0
N +4.07	B9	54	VG Aumento 40x60	5.28 925	CC1 3-2	0.000 33	0.78	CC13-3	0	CC13-3	0
N +4.07	B9	54	VG Aumento 40x60	5.74 6	CC1 3-3	0.000 33	0.78	CC13-3	0	CC13-3	0
N +4.07	B9	54	VG Aumento 40x60	6.20 275	CC1 3-3	0.000 33	0.78	CC13-3	0	CC13-3	0
N +4.07	B9	54	VG Aumento 40x60	6.65 95	CC1 3-3	0.000 33	0.78	CC13-3	0	CC13-3	0
N +4.07	B9	54	VG Aumento 40x60	7.11 625	CC1 3-3	0.000 33	0.78	CC13-3	0	CC13-3	0
N +4.07	B9	54	VG Aumento 40x60	7.57 3	CC1 3-3	0.000 38	0.68	CC13-3	0	CC13-3	0

N +4.07	B9	54	VG Aumento 40x60	8.02975	CC13	0.00052	0.50	CC13-3	0	CC13-3	0
N +4.07	B9	54	VG Aumento 40x60	8.48065	CC13	0.00063	0.41	CC13-3	0	CC13-3	0
N +4.07	B9	54	VG Aumento 40x60	8.94325	CC13	0.00071	0.36	CC13-3	0	CC13-3	0
N +4.07	B9	54	VG Aumento 40x60	9.40001	CC13	0.00076	0.34	CC13-3	0	CC13-3	0
N +4.07	B10	37	VG40X50	0.265	CC13-3	0.00033	0.78	CC13-3	0	CC13-3	0
N +4.07	B10	37	VG40X50	0.68701	CC13-3	0.00033	0.78	CC13-3	0	CC13-3	0
N +4.07	B10	37	VG40X50	1.10902	CC13-3	0.00033	0.78	CC13-3	0	CC13-3	0
N +4.07	B10	37	VG40X50	1.53103	CC13-3	0.00033	0.78	CC13-3	0	CC13-3	0
N +4.07	B10	37	VG40X50	1.95303	CC13-3	0.00033	0.78	CC13-3	0	CC13-3	0
N +4.07	B10	37	VG40X50	2.37504	CC13-3	0.00033	0.78	CC13-3	0	CC13-3	0
N +4.07	B11	38	VG40X50	0.28	CC13-3	0.00033	0.78	CC13-3	0	CC13-3	0
N +4.07	B11	38	VG40X50	0.764	CC13-3	0.00033	0.78	CC13-3	0	CC13-3	0
N +4.07	B11	38	VG40X50	1.248	CC13-3	0.00033	0.78	CC13-3	0	CC13-3	0
N +4.07	B11	38	VG40X50	1.732	CC13-3	0.00033	0.78	CC13-3	0	CC13-3	0
N +4.07	B11	38	VG40X50	2.216	CC13-3	0.00033	0.78	CC13-3	0	CC13-3	0
N +4.07	B11	38	VG40X50	2.7	CC13-3	0		CC13-3	0	CC13-3	0
N +4.07	B11	38	VG40X50	3.184	CC13-3	0		CC13-3	0	CC13-3	0
N +4.07	B11	38	VG40X50	3.668	CC13-3	0		CC13-3	0	CC13-3	0

N											
+4.07	B1	38	VG40X50	4.152	CC13-3	0		CC13-3	0	CC13-3	0
N											
+4.07	B1	38	VG40X50	4.636	CC13-3	0		CC13-3	0	CC13-3	0
N											
+4.07	B1	38	VG40X50	5.12	CC13-3	0.00033	0.78	CC13-3	0	CC13-3	0
N											
+4.07	B1	38	VG40X50	5.604	CC13-3	0.00033	0.78	CC13-3	0	CC13-3	0
N											
+4.07	B1	38	VG40X50	6.08801	CC13-3	0.00033	0.78	CC13-3	0	CC13-3	0
N											
+4.07	B1	38	VG40X50	6.57201	CC13-3	0.00033	0.78	CC13-3	0	CC13-3	0
N											
+4.07	B1	38	VG40X50	7.05601	CC13-3	0.00033	0.78	CC13-3	0	CC13-3	0
N											
+4.07	B1	38	VG40X50	7.54001	CC13-3	0.00033	0.78	CC13-3	0	CC13-3	0
N			VG								
+4.07	B1	39	Aumento 50x50	0.2665	CC13-3	0.00042	0.61	CC13-3	0	CC13-3	0
N			VG								
+4.07	B1	39	Aumento 50x50	0.75342	CC13-3	0.00042	0.61	CC13-3	0	CC13-3	0
N			VG								
+4.07	B1	39	Aumento 50x50	1.24184	CC13-3	0.00042	0.61	CC13-3	0	CC13-3	0
N			VG								
+4.07	B1	39	Aumento 50x50	1.73027	CC13-3	0.00042	0.61	CC13-3	0	CC13-3	0
N			VG								
+4.07	B1	39	Aumento 50x50	2.21869	CC13-3	0.00042	0.61	CC13-3	0	CC13-3	0
N			VG								
+4.07	B1	39	Aumento 50x50	2.70711	CC13-3	0.00042	0.61	CC13-3	0	CC13-3	0
N			VG								
+4.07	B1	39	Aumento 50x50	3.19553	CC13-3	0.00042	0.61	CC13-3	0	CC13-3	0
N			VG								
+4.07	B1	39	Aumento 50x50	3.68396	CC13-3	0		CC13-3	0	CC13-3	0
N			VG								
+4.07	B1	39	Aumento 50x50	4.17238	CC13-3	0		CC13-3	0	CC13-3	0
N			VG								
+4.07	B1	39	Aumento 50x50	4.66 08	CC13-3	0		CC13-3	0	CC13-3	0

N +4.07	B12	39	VG Aumento 50x50	5.14922	CC13-3	0		CC13-3	0	CC13-3	0			
N +4.07	B12	39	VG Aumento 50x50	5.63764	CC13-3	0		CC13-3	0	CC13-3	0			
N +4.07	B12	39	VG Aumento 50x50	6.12607	CC13-3	0		CC13-3	0	CC13-3	0			
N +4.07	B12	39	VG Aumento 50x50	6.61449	CC13-3	0.00042	0.61	CC13-3	0	CC13-3	0			
N +4.07	B12	39	VG Aumento 50x50	7.10291	CC13-3	0.00042	0.61	CC13-3	0	CC13-3	0			
N +4.07	B12	39	VG Aumento 50x50	7.59133	CC13-3	0.00042	0.61	CC13-3	0	CC13-3	0			
N +4.07	B12	39	VG Aumento 50x50	8.07975	CC13-3	0.00042	0.61	CC13-3	0	CC13-3	0			
N +4.07	B12	39	VG Aumento 50x50	8.56818	CC13-3	0.00042	0.61	CC13-3	0	CC13-3	0			
N +4.07	B12	39	VG Aumento 50x50	9.0566	CC13-3	0.00042	0.61	CC13-3	0	CC13-3	0			
N +4.07	B12	39	VG Aumento 50x50	9.54502	CC13-3	0.00042	0.61	CC13-3	0	CC13-3	0			
N +4.07	B13	40	VG40X50	0.43	CC13-3	0.00033	0.78	CC13-3	0	CC13-3	0			
N +4.07	B13	40	VG40X50	0.855	CC13-3	0.00033	0.78	CC13-3	0	CC13-3	0			
N +4.07	B13	40	VG40X50	1.28001	CC13-3	0.00033	0.78	CC13-3	0	CC13-3	0			
N +4.07	B13	40	VG40X50	1.70501	CC13-3	0.00033	0.78	CC13-3	0	CC13-3	0			
N +4.07	B13	40	VG40X50	2.13002	CC13-3	0.00033	0.78	CC13-3	0	CC13-3	0			
N +4.07	B14	41	VG40X50	0.34	CC12	0.00065	0.40	CC13-3	0.001295	CC13	0.0009	0.1992278		
N +4.07	B14	41	VG40X50	0.725	CC12	0.00061	0.42	CC13-3	0.001295	CC13	0.0009	0.1992278		
N +4.07	B14	41	VG40X50	1.11	CC12	0.00056	0.46	CC13-3	0.001295	CC13	0.0009	0.1992278		

N												
+4.07	B14	41	VG40X50	1.11	CC13-1	0.0004	0.65	CC13-3	0.000737	CC13-3	0.0001	0.35006784
N												
+4.07	B14	41	VG40X50	1.59278	CC13-2	0.00033	0.78	CC13-3	0.000737	CC13-3	0.0001	0.35006784
N												
+4.07	B14	41	VG40X50	2.07556	CC13-2	0.00033	0.78	CC13-3	0.000737	CC13-3	0.0001	0.35006784
N												
+4.07	B14	41	VG40X50	2.55834	CC13-2	0.00033	0.78	CC13-3	0.000737	CC13-3	0.0001	0.35006784
N												
+4.07	B14	41	VG40X50	3.04112	CC13-2	0.00033	0.78	CC13-3	0.000737	CC13-3	0.0001	0.35006784
N												
+4.07	B14	41	VG40X50	3.52389	CC13-2	0.00033	0.78	CC13-3	0.000737	CC13-3	0.0001	0.35006784
N												
+4.07	B14	41	VG40X50	4.00667	CC13-1	0.00033	0.78	CC13-3	0.000737	CC13-3	0.0001	0.35006784
N												
+4.07	B14	41	VG40X50	4.48945	CC12-1	0.00013	1.98	CC13-3	0.000737	CC13-3	0.0001	0.35006784
N												
+4.07	B14	41	VG40X50	4.97223	CC12-1	0.00013	1.98	CC13-3	0.000737	CC13-3	0.0001	0.35006784
N												
+4.07	B14	41	VG40X50	5.45501	CC12-1	0.00013	1.98	CC13-3	0.000737	CC13-3	0.0001	0.35006784
N												
+4.07	B14	41	VG40X50	5.93779	CC13-2	0.00033	0.78	CC13-3	0.000737	CC13-3	0.0001	0.35006784
N												
+4.07	B14	41	VG40X50	6.42057	CC13-2	0.00033	0.78	CC13-3	0.000737	CC13-3	0.0001	0.35006784
N												
+4.07	B14	41	VG40X50	6.90335	CC13-2	0.00033	0.78	CC13-3	0.000737	CC13-3	0.0001	0.35006784
N												
+4.07	B14	41	VG40X50	7.38613	CC13-2	0.00033	0.78	CC13-3	0.000737	CC13-3	0.0001	0.35006784
N												
+4.07	B14	41	VG40X50	7.8689	CC13-2	0.00033	0.78	CC13-3	0.000737	CC13-3	0.0001	0.35006784
N												
+4.07	B14	41	VG40X50	8.35168	CC13-2	0.00033	0.78	CC13-3	0.000737	CC13-3	0.0001	0.35006784
N												
+4.07	B14	41	VG40X50	8.83446	CC13-2	0.0004	0.65	CC13-3	0.000737	CC13-3	0.0001	0.35006784
N												
+4.07	B14	41	VG40X50	9.31724	CC13-2	0.00052	0.50	CC13-3	0.000737	CC13-3	0.0001	0.35006784

N													
+4.07	B14	41	VG40X50	9.80002	CC13-2	0.00059	0.44	CC13-3	0.000737	CC13-3	0.0001	0.3500678	4
N													
+4.07	B15	73	VG40X50	0.34	CC12-2	0.00033	0.78	CC13-3	0.000737	CC13	0.00039	0.3500678	4
N													
+4.07	B15	73	VG40X50	0.75251	CC12-2	0.00033	0.78	CC13-3	0.000737	CC13	0.00039	0.3500678	4
N													
+4.07	B15	73	VG40X50	1.16502	CC12-2	0.00033	0.78	CC13-3	0.000737	CC13	0.00039	0.3500678	4
N													
+4.07	B15	73	VG40X50	1.57752	CC12-2	0.00033	0.78	CC13-3	0.000737	CC13	0.00039	0.3500678	4
N													
+4.07	B15	73	VG40X50	1.99003	CC12-2	0.00033	0.78	CC13-3	0.000737	CC13	0.00039	0.3500678	4
N													
+4.07	B15	73	VG40X50	1.99003	CC13-3	0		CC13-3	0.000685	CC13-3	0.00035	0.3766423	4
N													
+4.07	B15	73	VG40X50	2.43004	CC13-3	0		CC13-3	0.000685	CC13-3	0.00035	0.3766423	4
N													
+4.07	B15	73	VG40X50	2.87005	CC13-3	0		CC13-3	0.000685	CC13-3	0.00035	0.3766423	4
N													
+4.07	B15	73	VG40X50	2.87005	CC13-3	0		CC13-3	0.000685	CC13-3	0.00035	0.3766423	4
N													
+4.07	B15	73	VG40X50	2.88005	CC13-3	0		CC13-3	0.000685	CC13-3	0.00035	0.3766423	4
N													
+4.07	B15	73	VG40X50	2.88005	CC12-1	0.00033	0.78	CC13-3	0.000737	CC13-3	0.0002	0.3500678	4
N													
+4.07	B15	73	VG40X50	3.12009	CC12-1	0.00033	0.78	CC13-3	0.000737	CC13-3	0.0002	0.3500678	4
N													
+4.07	B15	73	VG40X50	3.12009	CC12-1	0.00033	0.78	CC13-3	0.000737	CC13-3	0.0002	0.3500678	4
N													
+4.07	B15	73	VG40X50	3.53506	CC12-1	0.00033	0.78	CC13-3	0.000737	CC13-3	0.0002	0.3500678	4
N													
+4.07	B15	73	VG40X50	3.95004	CC12-1	0.00033	0.78	CC13-3	0.000737	CC13-3	0.0002	0.3500678	4
N													
+4.07	B15	73	VG40X50	3.95004	CC13-3	0		CC13-3	0.001085	CC13-1	0.00075	0.2377880	2
N													
+4.07	B15	73	VG40X50	3.95007	CC13-3	0		CC13-3	0.001085	CC13-1	0.00075	0.2377880	2

N +4.07	B15	73	VG40X50	3.95007	CC12-1	0.00033	0.78	CC13-3	0.000737	CC13-3	0.0002	0.35006784
N +4.07	B15	73	VG40X50	4.44508	CC12-1	0.00033	0.78	CC13-3	0.000737	CC13-3	0.0002	0.35006784
N +4.07	B15	73	VG40X50	4.94009	CC12-1	0.00033	0.78	CC13-3	0.000737	CC13-3	0.0002	0.35006784
N +4.07	B16	43	VG Aumento 50x60	0.34	CC13-3	0.00111	0.23	CC13-3	0.001083	CC13-3	0.00014	0.23822715
N +4.07	B16	43	VG Aumento 50x60	0.83842	CC13-3	0.00104	0.25	CC13-3	0.001083	CC13-3	0.00014	0.23822715
N +4.07	B16	43	VG Aumento 50x60	1.33684	CC13-3	0.00095	0.27	CC13-3	0.001083	CC13-3	0.00014	0.23822715
N +4.07	B16	43	VG Aumento 50x60	1.83527	CC13-3	0.00082	0.31	CC13-3	0.001083	CC13-3	0.00014	0.23822715
N +4.07	B16	43	VG Aumento 50x60	2.33369	CC13-3	0.00065	0.40	CC13-3	0.001083	CC13-3	0.00014	0.23822715
N +4.07	B16	43	VG Aumento 50x60	2.83211	CC13-3	0.00046	0.56	CC13-3	0.001083	CC13-3	0.00014	0.23822715
N +4.07	B16	43	VG Aumento 50x60	3.33053	CC13-2	0.00042	0.61	CC13-3	0.001083	CC13-3	0.00014	0.23822715
N +4.07	B16	43	VG Aumento 50x60	3.82895	CC13-2	0.00042	0.61	CC13-3	0.001083	CC13-3	0.00014	0.23822715
N +4.07	B16	43	VG Aumento 50x60	4.32738	CC13-1	0.00042	0.61	CC13-3	0.001083	CC13-3	0.00014	0.23822715
N +4.07	B16	43	VG Aumento 50x60	4.8258	CC12-1	0.00019	1.36	CC13-3	0.001083	CC13-3	0.00014	0.23822715
N +4.07	B16	43	VG Aumento 50x60	5.32422	CC13-2	0.00042	0.61	CC13-3	0.001083	CC13-3	0.00014	0.23822715
N +4.07	B16	43	VG Aumento 50x60	5.82264	CC13-2	0.00042	0.61	CC13-3	0.001083	CC13-3	0.00014	0.23822715
N +4.07	B16	43	VG Aumento 50x60	6.32107	CC13-2	0.00042	0.61	CC13-3	0.001083	CC13-3	0.00014	0.23822715
N +4.07	B16	43	VG Aumento 50x60	6.81949	CC13-2	0.00042	0.61	CC13-3	0.001083	CC13-3	0.00014	0.23822715
N +4.07	B16	43	VG Aumento 50x60	7.31791	CC13-3	0.00049	0.53	CC13-3	0.001083	CC13-3	0.00014	0.23822715

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N +4.07	B16	43	VG Aumento 50x60	7.81633	CC13	0.00068	0.38	CC13-3	0.001083	CC13-3	0.00014	0.23822715
N +4.07	B16	43	VG Aumento 50x60	8.31475	CC13	0.00085	0.30	CC13-3	0.001083	CC13-3	0.00014	0.23822715
N +4.07	B16	43	VG Aumento 50x60	8.81318	CC13	0.00098	0.26	CC13-3	0.001083	CC13-3	0.00014	0.23822715
N +4.07	B16	43	VG Aumento 50x60	9.3116	CC13	0.00107	0.24	CC13-3	0.001083	CC13-3	0.00014	0.23822715
N +4.07	B16	43	VG Aumento 50x60	9.81002	CC13	0.00114	0.23	CC13-3	0.001083	CC13-3	0.00014	0.23822715
N +4.07	B17	44	VG40X60	0.34	CC13-3	0.00006	0.43	CC13-3	0	CC13-3	0	
N +4.07	B17	44	VG40X60	0.797	CC13-3	0.00054	0.48	CC13-3	0	CC13-3	0	
N +4.07	B17	44	VG40X60	1.254	CC13-3	0.00045	0.57	CC13-3	0	CC13-3	0	
N +4.07	B17	44	VG40X60	1.711	CC13-3	0.00033	0.78	CC13-3	0	CC13-3	0	
N +4.07	B17	44	VG40X60	2.168	CC13-3	0.00033	0.78	CC13-3	0	CC13-3	0	
N +4.07	B17	44	VG40X60	2.625	CC13-3	0.00033	0.78	CC13-3	0	CC13-3	0	
N +4.07	B17	44	VG40X60	3.08201	CC13-3	0.00033	0.78	CC13-3	0	CC13-3	0	
N +4.07	B17	44	VG40X60	3.53901	CC13-3	0.00033	0.78	CC13-3	0	CC13-3	0	
N +4.07	B17	44	VG40X60	3.99601	CC13-3	0.00033	0.78	CC13-3	0	CC13-3	0	
N +4.07	B17	44	VG40X60	4.45301	CC13-3	0.00033	0.78	CC13-3	0	CC13-3	0	
N +4.07	B17	44	VG40X60	4.91001	CC13-2	0.00038	0.68	CC13-3	0	CC13-3	0	
N +4.07	B18	45	VG40X60	0.28	CC13-3	0.00036	0.72	CC13-3	0.0009	CC13	0.00013	0.28666667
N +4.07	B18	45	VG40X60	0.75112	CC13-3	0.00033	0.78	CC13-3	0.0009	CC13	0.00013	0.28666667

N													
+4.07	B18	45	VG40X60	1.22224	CC13-3	0.00033	0.78	CC13-3	0.0009	CC13	0.00013	0.28666667
N													
+4.07	B18	45	VG40X60	1.69336	CC13-3	0.00033	0.78	CC13-3	0.0009	CC13	0.00013	0.28666667
N													
+4.07	B18	45	VG40X60	2.16447	CC13-3	0.00033	0.78	CC13-3	0.0009	CC13	0.00013	0.28666667
N													
+4.07	B18	45	VG40X60	2.63559	CC13-3	0.00033	0.78	CC13-3	0.0009	CC13	0.00013	0.28666667
N													
+4.07	B18	45	VG40X60	3.10671	CC13-3	0.00033	0.78	CC13-3	0.0009	CC13	0.00013	0.28666667
N													
+4.07	B18	45	VG40X60	3.57783	CC13-3	0.00033	0.78	CC13-3	0.0009	CC13	0.00013	0.28666667
N													
+4.07	B18	45	VG40X60	4.04895	CC13-3	0.00033	0.78	CC13-3	0.0009	CC13	0.00013	0.28666667
N													
+4.07	B18	45	VG40X60	4.52007	CC13-2	0.00034	0.76	CC13-3	0.0009	CC13	0.00013	0.28666667
N													
+4.07	B2	46	VG40X50	0.34	CC12-3	0.00002	12.90	CC13-3	0.000737	CC13	0.00018	0.35006784
N													
+4.07	B2	46	VG40X50	0.772	CC12-3	0.00002	12.90	CC13-3	0.000737	CC13	0.00018	0.35006784
N													
+4.07	B2	46	VG40X50	1.204	CC12-3	0.00002	12.90	CC13-3	0.000737	CC13	0.00018	0.35006784
N													
+4.07	B2	46	VG40X50	1.636	CC12-3	0.00002	12.90	CC13-3	0.000737	CC13	0.00018	0.35006784
N													
+4.07	B2	46	VG40X50	2.068	CC12-3	0.00002	12.90	CC13-3	0.000737	CC13	0.00018	0.35006784
N													
+4.07	B2	46	VG40X50	2.5	CC12-3	0.00002	12.90	CC13-3	0.000737	CC13	0.00018	0.35006784
N													
+4.07	B2	46	VG40X50	2.5	CC13-3	0.00079	0.33	CC13-3	0.000737	CC13	0.00016	0.35006784
N													
+4.07	B2	46	VG40X50	2.98567	CC13-3	0.00066	0.39	CC13-3	0.000737	CC13	0.00016	0.35006784
N													
+4.07	B2	46	VG40X50	3.47133	CC13-3	0.0005	0.52	CC13-3	0.000737	CC13	0.00016	0.35006784
N													
+4.07	B2	46	VG40X50	3.957	CC13-3	0.00035	0.74	CC13-3	0.000737	CC13	0.00016	0.35006784

N													
+4.07	B2	46	VG40X50	4.44267	CC13-3	0.00033	0.78	CC13-3	0.000737	CC13	0.00016	0.3500678	4
N													
+4.07	B2	46	VG40X50	4.92833	CC13-3	0.00033	0.78	CC13-3	0.000737	CC13	0.00016	0.3500678	4
N													
+4.07	B2	46	VG40X50	5.414	CC13-3	0.00033	0.78	CC13-3	0.000737	CC13	0.00016	0.3500678	4
N													
+4.07	B2	46	VG40X50	5.89967	CC13-3	0.00033	0.78	CC13-3	0.000737	CC13	0.00016	0.3500678	4
N													
+4.07	B2	46	VG40X50	6.38533	CC13-2	0.00009	2.87	CC13-3	0.000737	CC13	0.00016	0.3500678	4
N													
+4.07	B2	46	VG40X50	6.871	CC13-3	0.00033	0.78	CC13-3	0.000737	CC13	0.00016	0.3500678	4
N													
+4.07	B2	46	VG40X50	7.35667	CC13-3	0.00033	0.78	CC13-3	0.000737	CC13	0.00016	0.3500678	4
N													
+4.07	B2	46	VG40X50	7.84233	CC13-1	0.00033	0.78	CC13-3	0.000737	CC13	0.00016	0.3500678	4
N													
+4.07	B2	46	VG40X50	8.328	CC13-3	0.00033	0.78	CC13-3	0.000737	CC13	0.00016	0.3500678	4
N													
+4.07	B2	46	VG40X50	8.81367	CC13	0.00034	0.76	CC13-3	0.000737	CC13	0.00016	0.3500678	4
N													
+4.07	B2	46	VG40X50	9.29933	CC13	0.00042	0.61	CC13-3	0.000737	CC13	0.00016	0.3500678	4
N													
+4.07	B2	46	VG40X50	9.785	CC13	0.00047	0.55	CC13-3	0.000737	CC13	0.00016	0.3500678	4
N													
+4.07	B3	47	VG40X50	0.34	CC13-3	0.00042	0.61	CC13-3	0	CC13-3	0		
N													
+4.07	B3	47	VG40X50	0.7995	CC13-3	0.00036	0.72	CC13-3	0	CC13-3	0		
N													
+4.07	B3	47	VG40X50	1.259	CC13-3	0.00033	0.78	CC13-3	0	CC13-3	0		
N													
+4.07	B3	47	VG40X50	1.7185	CC13-3	0.00033	0.78	CC13-3	0	CC13-3	0		
N													
+4.07	B3	47	VG40X50	2.178	CC13-3	0.00033	0.78	CC13-3	0	CC13-3	0		
N													
+4.07	B3	47	VG40X50	2.6375	CC13-3	0.00033	0.78	CC13-3	0	CC13-3	0		

N +4.07	B3	47	VG40X50	3.097	CC13-3	0.00033	0.78	CC13-3	0	CC13-3	0		
N +4.07	B3	47	VG40X50	3.5565	CC13-3	0.00033	0.78	CC13-3	0	CC13-3	0		
N +4.07	B3	47	VG40X50	4.016	CC13-3	0.00033	0.78	CC13-3	0	CC13-3	0		
N +4.07	B3	47	VG40X50	4.4755	CC13-2	0.00033	0.78	CC13-3	0	CC13-3	0		
N +4.07	B3	47	VG40X50	4.935	CC13-2	0.00039	0.66	CC13-3	0	CC13-3	0		
N +4.07	B19	48	VG Aumento 50x50	0.27995	CC13-3	0.00047	0.55	CC13-3	0.00088	CC13-3	0.00018	0.29318182	
N +4.07	B19	48	VG Aumento 50x50	0.75084	CC13	0.00042	0.61	CC13-3	0.00088	CC13-3	0.00018	0.29318182	
N +4.07	B19	48	VG Aumento 50x50	1.22172	CC13	0.00042	0.61	CC13-3	0.00088	CC13-3	0.00018	0.29318182	
N +4.07	B19	48	VG Aumento 50x50	1.69261	CC13	0.00042	0.61	CC13-3	0.00088	CC13-3	0.00018	0.29318182	
N +4.07	B19	48	VG Aumento 50x50	2.1635	CC13	0.00042	0.61	CC13-3	0.00088	CC13-3	0.00018	0.29318182	
N +4.07	B19	48	VG Aumento 50x50	2.63439	CC13	0.00042	0.61	CC13-3	0.00088	CC13-3	0.00018	0.29318182	
N +4.07	B19	48	VG Aumento 50x50	3.10528	CC13	0.00042	0.61	CC13-3	0.00088	CC13-3	0.00018	0.29318182	
N +4.07	B19	48	VG Aumento 50x50	3.57617	CC13	0.00042	0.61	CC13-3	0.00088	CC13-3	0.00018	0.29318182	
N +4.07	B19	48	VG Aumento 50x50	4.04705	CC13-2	0.00042	0.61	CC13-3	0.00088	CC13-3	0.00018	0.29318182	
N +4.07	B19	48	VG Aumento 50x50	4.51794	CC13-2	0.00049	0.53	CC13-3	0.00088	CC13-3	0.00018	0.29318182	
N +4.07	B20	49	VG40X50	0.285	CC13-3	0.00033	0.78	CC13-3	0	CC13-3	0		
N +4.07	B20	49	VG40X50	0.752	CC13-3	0.00033	0.78	CC13-3	0	CC13-3	0		
N +4.07	B20	49	VG40X50	1.219	CC13-3	0.00033	0.78	CC13-3	0	CC13-3	0		

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N											
+4.07	B20	49	VG40X50	1.686	CC13-3	0.00033	0.78	CC13-3	0	CC13-3	0
N											
+4.07	B20	49	VG40X50	2.153	CC13-3	0.00033	0.78	CC13-3	0	CC13-3	0
N											
+4.07	B20	49	VG40X50	2.62	CC13-3	0.00033	0.78	CC13-3	0	CC13-3	0
N											
+4.07	B20	49	VG40X50	3.087	CC13-3	0.00033	0.78	CC13-3	0	CC13-3	0
N											
+4.07	B20	49	VG40X50	3.554	CC13-3	0.00033	0.78	CC13-3	0	CC13-3	0
N											
+4.07	B20	49	VG40X50	4.021	CC13-3	0.00033	0.78	CC13-3	0	CC13-3	0
N											
+4.07	B20	49	VG40X50	4.488	CC13-3	0.00033	0.78	CC13-3	0	CC13-3	0
N											
+4.07	B20	49	VG40X50	4.955	CC13-3	0.00033	0.78	CC13-3	0	CC13-3	0
N											
+4.07	B22	51	VG40X50	0.275	CC13-3	0.00033	0.78	CC13-3	0	CC13-3	0
N											
+4.07	B22	51	VG40X50	0.74501	CC13-3	0.00033	0.78	CC13-3	0	CC13-3	0
N											
+4.07	B22	51	VG40X50	1.21502	CC13-3	0.00033	0.78	CC13-3	0	CC13-3	0
N											
+4.07	B22	51	VG40X50	1.68503	CC13-3	0.00033	0.78	CC13-3	0	CC13-3	0
N											
+4.07	B22	51	VG40X50	2.15504	CC13-3	0.00033	0.78	CC13-3	0	CC13-3	0
N											
+4.07	B22	51	VG40X50	2.62505	CC13-3	0.00033	0.78	CC13-3	0	CC13-3	0
N											
+4.07	B22	51	VG40X50	3.09506	CC13-3	0.00033	0.78	CC13-3	0	CC13-3	0
N											
+4.07	B22	51	VG40X50	3.56507	CC13-3	0.00033	0.78	CC13-3	0	CC13-3	0
N											
+4.07	B22	51	VG40X50	4.03508	CC13-3	0.00033	0.78	CC13-3	0	CC13-3	0
N											
+4.07	B22	51	VG40X50	4.50509	CC13-3	0.00033	0.78	CC13-3	0	CC13-3	0

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N +4.0 7	B2 1	50	VG Aumento 50x50	0	CC1 3-2	0.000 42	0.61	CC13-3	0.000 88	CC13-3	0.000 12	0.2931818 2
N +4.0 7	B2 1	50	VG Aumento 50x50	0.45 086	CC1 3-2	0.000 42	0.61	CC13-3	0.000 88	CC13-3	0.000 12	0.2931818 2
N +4.0 7	B2 1	50	VG Aumento 50x50	0.90 171	CC1 3-2	0.000 42	0.61	CC13-3	0.000 88	CC13-3	0.000 12	0.2931818 2
N +4.0 7	B2 1	50	VG Aumento 50x50	1.35 257	CC1 3-2	0.000 42	0.61	CC13-3	0.000 88	CC13-3	0.000 12	0.2931818 2
N +4.0 7	B2 1	50	VG Aumento 50x50	1.80 343	CC1 3-2	0.000 42	0.61	CC13-3	0.000 88	CC13-3	0.000 12	0.2931818 2
N +4.0 7	B2 1	50	VG Aumento 50x50	2.25 428	CC1 3-2	0.000 42	0.61	CC13-3	0.000 88	CC13-3	0.000 12	0.2931818 2
N +4.0 7	B2 1	50	VG Aumento 50x50	2.70 514	CC1 3-2	0.000 42	0.61	CC13-3	0.000 88	CC13-3	0.000 12	0.2931818 2
N +4.0 7	B2 1	50	VG Aumento 50x50	3.15 6	CC1 3-2	0.000 42	0.61	CC13-3	0.000 88	CC13-3	0.000 12	0.2931818 2
N +4.0 7	B2 1	50	VG Aumento 50x50	3.60 685	CC1 3-2	0.000 42	0.61	CC13-3	0.000 88	CC13-3	0.000 12	0.2931818 2
N +4.0 7	B2 1	50	VG Aumento 50x50	4.05 771	CC1 3-2	0.000 42	0.61	CC13-3	0.000 88	CC13-3	0.000 12	0.2931818 2
N +4.0 7	B2 1	50	VG Aumento 50x50	4.50 857	CC1 3-2	0.000 42	0.61	CC13-3	0.000 88	CC13-3	0.000 12	0.2931818 2
N +4.0 7	B2 5	52	VG Aumento 55x60	0.34	CC1 3-3	0.001 21	0.21	CC13-3	0.001 168	CC13	0.000 16	0.2208904 1
N +4.0 7	B2 5	52	VG Aumento 55x60	0.84	CC1 3-3	0.001 14	0.23	CC13-3	0.001 168	CC13	0.000 16	0.2208904 1
N +4.0 7	B2 5	52	VG Aumento 55x60	1.34 001	CC1 3-3	0.001 03	0.25	CC13-3	0.001 168	CC13	0.000 16	0.2208904 1
N +4.0 7	B2 5	52	VG Aumento 55x60	1.84 001	CC1 3-3	0.000 89	0.29	CC13-3	0.001 168	CC13	0.000 16	0.2208904 1
N +4.0 7	B2 5	52	VG Aumento 55x60	2.34 001	CC1 3-3	0.000 71	0.36	CC13-3	0.001 168	CC13	0.000 16	0.2208904 1
N +4.0 7	B2 5	52	VG Aumento 55x60	2.84 002	CC1 3-3	0.000 52	0.50	CC13-3	0.001 168	CC13	0.000 16	0.2208904 1
N +4.0 7	B2 5	52	VG Aumento 55x60	3.34 002	CC1 3-3	0.000 46	0.56	CC13-3	0.001 168	CC13	0.000 16	0.2208904 1

N			VG											
+4.0	B2		Aumento	3.84	CC1	0.000		CC13-	0.001		0.000	0.2208904		
7	5	52	55x60	002	3-3	46	0.56	3	168	CC13	16	1		
N			VG											
+4.0	B2		Aumento	4.34	CC1	0.000		CC13-	0.001		0.000	0.2208904		
7	5	52	55x60	003	3-3	46	0.56	3	168	CC13	16	1		
N			VG											
+4.0	B2		Aumento	4.84	CC1	0.000		CC13-	0.001		0.000	0.2208904		
7	5	52	55x60	003	3-3	46	0.56	3	168	CC13	16	1		
N			VG											
+4.0	B2		Aumento	4.84	CC1	0.000		CC13-	0.001		0.000	0.2208904		
7	5	52	55x60	003	3-3	46	0.56	3	168	CC13	16	1		
N			VG											
+4.0	B2		Aumento	5.34	CC1	0.000		CC13-	0.001		0.000	0.2208904		
7	5	52	55x60	004	3-3	46	0.56	3	168	CC13	16	1		
N			VG											
+4.0	B2		Aumento	5.84	CC1	0.000		CC13-	0.001		0.000	0.2208904		
7	5	52	55x60	004	3-3	46	0.56	3	168	CC13	16	1		
N			VG											
+4.0	B2		Aumento	6.34	CC1	0.000		CC13-	0.001		0.000	0.2208904		
7	5	52	55x60	004	3-3	46	0.56	3	168	CC13	16	1		
N			VG											
+4.0	B2		Aumento	6.84	CC1	0.000		CC13-	0.001		0.000	0.2208904		
7	5	52	55x60	005	3	51	0.51	3	168	CC13	16	1		
N			VG											
+4.0	B2		Aumento	7.34	CC1	0.000		CC13-	0.001		0.000	0.2208904		
7	5	52	55x60	005	3	71	0.36	3	168	CC13	16	1		
N			VG											
+4.0	B2		Aumento	7.84	CC1	0.000		CC13-	0.001		0.000	0.2208904		
7	5	52	55x60	005	3	9	0.29	3	168	CC13	16	1		
N			VG											
+4.0	B2		Aumento	8.34	CC1	0.001		CC13-	0.001		0.000	0.2208904		
7	5	52	55x60	006	3	05	0.25	3	168	CC13	16	1		
N			VG											
+4.0	B2		Aumento	8.84	CC1	0.001		CC13-	0.001		0.000	0.2208904		
7	5	52	55x60	006	3	17	0.22	3	168	CC13	16	1		
N			VG											
+4.0	B2		Aumento	9.34	CC1	0.001		CC13-	0.001		0.000	0.2208904		
7	5	52	55x60	006	3	24	0.21	3	168	CC13	16	1		
N														
+4.0	B5				CC1	0.000		CC13-	0.001	CC13-	0.000	0.2037914		
7	3	93	VG40X50	0	2-3	14	1.84	3	266	1	88	7		
N														
+4.0	B5				CC1	0.000		CC13-	0.001	CC13-	0.000	0.2037914		
7	3	93	VG40X50	0.32	2-3	1	2.58	3	266	1	88	7		
N														
+4.0	B5				CC1	0.000		CC13-	0.001	CC13-	0.000	0.2037914		
7	3	93	VG40X50	0.32	2-3	1	2.58	3	266	1	88	7		
N														
+4.0	B5			0.79	CC1	0.000		CC13-	0.001	CC13-	0.000	0.2037914		
7	3	93	VG40X50	356	2-3	05	5.16	3	266	1	88	7		
N														
+4.0	B5			1.26	CC1			CC13-	0.001	CC13-	0.000	0.2037914		
7	3	93	VG40X50	712	3-1	0		3	266	1	88	7		

N +4.07	B53	93	VG40X50	1.74069	CC13-1	0		CC13-3	0.001266	CC13-1	0.00088	0.20379147
N +4.07	B53	93	VG40X50	2.21425	CC13-1	0		CC13-3	0.001266	CC13-1	0.00088	0.20379147
N +4.07	B53	93	VG40X50	2.68781	CC13-1	0		CC13-3	0.001266	CC13-1	0.00088	0.20379147
N +4.07	B52	92	VG40X50	0	CC13-1	0.00033	0.78	CC13-3	0.000737	CC13	0.00016	0.35006784
N +4.07	B52	92	VG40X50	0.46403	CC13-1	0.00033	0.78	CC13-3	0.000737	CC13	0.00016	0.35006784
N +4.07	B52	92	VG40X50	0.92807	CC13-1	0.00033	0.78	CC13-3	0.000737	CC13	0.00016	0.35006784
N +4.07	B52	92	VG40X50	1.3921	CC13-1	0.00033	0.78	CC13-3	0.000737	CC13	0.00016	0.35006784
N +4.07	B52	92	VG40X50	1.85614	CC13-3	0.00037	0.70	CC13-3	0.000737	CC13	0.00016	0.35006784
N +4.07	B52	92	VG40X50	2.32017	CC13-3	0.00042	0.61	CC13-3	0.000737	CC13	0.00016	0.35006784
N +4.07	B5	80	VG Aumento 50x50	0	CC13-3	0.00155	0.17	CC13-3	0.00088	CC13	0.00015	0.29318182
N +4.07	B5	80	VG Aumento 50x50	0.4975	CC13-3	0.0015	0.17	CC13-3	0.00088	CC13	0.00015	0.29318182
N +4.07	B5	80	VG Aumento 50x50	0.995	CC13-3	0.0014	0.18	CC13-3	0.00088	CC13	0.00015	0.29318182
N +4.07	B5	80	VG Aumento 50x50	1.4925	CC13-3	0.00143	0.18	CC13-3	0.00088	CC13	0.00015	0.29318182
N +4.07	B5	80	VG Aumento 50x50	1.99	CC13-3	0.00155	0.17	CC13-3	0.00088	CC13	0.00015	0.29318182
N +4.07	B5	80	VG Aumento 50x50	1.99	CC13-3	0.0018	0.14	CC13-3	0.00088	CC13	0.00014	0.29318182
N +4.07	B5	80	VG Aumento 50x50	2.4215	CC13-3	0.00192	0.13	CC13-3	0.00088	CC13	0.00014	0.29318182
N +4.07	B5	80	VG Aumento 50x50	2.853	CC13-3	0.00202	0.13	CC13-3	0.00088	CC13	0.00014	0.29318182
N +4.07	B5	80	VG Aumento 50x50	2.853	CC13-3	0		CC13-3	0	CC13-3	0	

N			VG										
+4.0			Aumento	3.11	CC1			CC13-		CC13-			
7	B5	80	50x50	3	3-3	0		3	0	3	0		
N			VG										
+4.0			Aumento	3.11	CC1			CC13-		CC13-			
7	B5	80	50x50	3	3-3	0		3	0	3	0		
N			VG										
+4.0			Aumento	3.53	CC1			CC13-		CC13-			
7	B5	80	50x50	15	3-3	0		3	0	3	0		
N			VG										
+4.0			Aumento		CC1			CC13-		CC13-			
7	B5	80	50x50	3.95	3-3	0		3	0	3	0		
N			VG										
+4.0			Aumento		CC1			CC13-		CC13-			
7	B5	80	50x50	3.95	3-3	0		3	0	3	0		
N			VG										
+4.0			Aumento	4.36	CC1			CC13-		CC13-			
7	B5	80	50x50	767	3-3	0		3	0	3	0		
N			VG										
+4.0			Aumento	4.78	CC1			CC13-		CC13-			
7	B5	80	50x50	533	3-3	0		3	0	3	0		
N			VG										
+4.0			Aumento	5.20	CC1			CC13-		CC13-			
7	B5	80	50x50	3	3-3	0		3	0	3	0		
N													
+4.0	B4				CC1	0.000		CC13-	0.000	CC13-	0.000	0.6277372	
7	4	75	VG 20X50	0	3-1	03	8.60	3	411	1	39	3	
N													
+4.0	B4			0.01	CC1	0.000		CC13-	0.000	CC13-	0.000	0.6277372	
7	4	75	VG 20X50	856	3-1	03	8.60	3	411	1	39	3	
N													
+4.0	B4			0.01	CC1	0.000		CC13-	0.000	CC13-	0.000	0.6277372	
7	4	75	VG 20X50	856	3-1	03	8.60	3	411	1	39	3	
N													
+4.0	B4			0.45	CC1	0.000		CC13-	0.000	CC13-	0.000	0.6277372	
7	4	75	VG 20X50	856	3-2	02	12.90	3	411	1	39	3	
N													
+4.0	B4			0.89	CC1	0.000		CC13-	0.000	CC13-	0.000	0.6277372	
7	4	75	VG 20X50	856	3-2	1	2.58	3	411	1	39	3	
N													
+4.0	B4			1.33	CC1	0.000		CC13-	0.000	CC13-	0.000	0.6277372	
7	4	75	VG 20X50	856	3-2	19	1.36	3	411	1	39	3	
N													
+4.0	B4			1.77	CC1	0.000		CC13-	0.000	CC13-	0.000	0.6277372	
7	4	75	VG 20X50	856	3-2	27	0.96	3	411	1	39	3	
N													
+4.0	B4			1.77	CC1	0.000		CC13-		CC13-			
7	4	75	VG 20X50	856	3-3	17	1.52	3	0	3	0		
N													
+4.0	B4			2.24	CC1	0.000		CC13-		CC13-			
7	4	75	VG 20X50	456	3-3	17	1.52	3	0	3	0		
N													
+4.0	B4			2.71	CC1	0.000		CC13-		CC13-			
7	4	75	VG 20X50	056	3-3	17	1.52	3	0	3	0		

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N													
+4.07	B44	75	VG 20X50	3.17656	CC13-3	0		CC13-3	0	CC13-3	0		
N													
+4.07	B44	75	VG 20X50	3.64256	CC13-1	0.00017	1.52	CC13-3	0	CC13-3	0		
N													
+4.07	B44	75	VG 20X50	4.10856	CC13-3	0.00017	1.52	CC13-3	0	CC13-3	0		
N													
+4.07	B44	75	VG 20X50	4.10856	CC13	0		CC13-3	0.000518	CC13	0.0005	0.4980695	
N													
+4.07	B44	75	VG 20X50	4.53256	CC13	0		CC13-3	0.000518	CC13	0.0005	0.4980695	
N													
+4.07	B44	75	VG 20X50	4.95657	CC13	0		CC13-3	0.000518	CC13	0.0005	0.4980695	
N													
+4.07	B44	75	VG 20X50	5.38057	CC13	0		CC13-3	0.000518	CC13	0.0005	0.4980695	
N													
+4.07	B44	75	VG 20X50	5.80457	CC13	0		CC13-3	0.000518	CC13	0.0005	0.4980695	
N													
+4.07	B44	75	VG 20X50	6.22857	CC13	0		CC13-3	0.000518	CC13	0.0005	0.4980695	
N													
+4.07	B23	86	VG40X50	0	CC12	0		CC13-3	0.00149	CC13	0.00103	0.17315436	
N													
+4.07	B23	86	VG40X50	0.25	CC12	0		CC13-3	0.00149	CC13	0.00103	0.17315436	
N													
+4.07	B23	86	VG40X50	0.25	CC13-3	0		CC13-3	0.000678	CC13-1	0.00031	0.38053097	
N													
+4.07	B23	86	VG40X50	0.68167	CC13-3	0		CC13-3	0.000678	CC13-1	0.00031	0.38053097	
N													
+4.07	B23	86	VG40X50	1.11333	CC13-3	0		CC13-3	0.000678	CC13-1	0.00031	0.38053097	
N													
+4.07	B23	86	VG40X50	1.545	CC13-3	0		CC13-3	0.000678	CC13-1	0.00031	0.38053097	
N													
+4.07	B23	86	VG40X50	1.97667	CC13-3	0		CC13-3	0.000678	CC13-1	0.00031	0.38053097	
N													
+4.07	B23	86	VG40X50	2.40833	CC13-3	0		CC13-3	0.000678	CC13-1	0.00031	0.38053097	
N													
+4.07	B23	86	VG40X50	2.84	CC13-3	0		CC13-3	0.000678	CC13-1	0.00031	0.38053097	

N												
+4.07	B23	86	VG40X50	2.84	CC13-3	0	CC13-3	0.000719	CC13-1	0.00035	0.35883171
N												
+4.07	B23	86	VG40X50	2.85	CC13-3	0	CC13-3	0.000719	CC13-1	0.00035	0.35883171
N												
+4.07	B23	86	VG40X50	2.85	CC13-3	0	CC13-3	0.000677	CC13-1	0.00031	0.38109306
N												
+4.07	B23	86	VG40X50	3.21	CC13-3	0	CC13-3	0.000677	CC13-1	0.00031	0.38109306
N												
+4.07	B34	89	VG40X50	0	CC13-3	0	CC13-3	0.000605	CC13-2	0.0004	0.42644628
N												
+4.07	B34	89	VG40X50	0.41	CC13-3	0	CC13-3	0.000605	CC13-2	0.0004	0.42644628
N												
+4.07	B34	89	VG40X50	0.41	CC13-3	0	CC13-3	0.000605	CC13-2	0.0004	0.42644628
N												
+4.07	B34	89	VG40X50	0.91	CC13-3	0	CC13-3	0.000605	CC13-2	0.0004	0.42644628
N												
+4.07	B34	89	VG40X50	1.41	CC13-3	0	CC13-3	0.000605	CC13-2	0.0004	0.42644628
N												
+4.07	B34	89	VG40X50	1.91	CC13-3	0	CC13-3	0.000605	CC13-2	0.0004	0.42644628
N												
+4.07	B34	89	VG40X50	2.41	CC13-3	0	CC13-3	0.000605	CC13-2	0.0004	0.42644628
N												
+4.07	B34	89	VG40X50	2.41	CC13-3	0	CC13-3	0.000605	CC13-2	0.0004	0.42644628
N												
+4.07	B34	89	VG40X50	2.67655	CC13-3	0	CC13-3	0.000605	CC13-2	0.0004	0.42644628
N												
+4.07	B6	72	VG40X50	0	CC13-3	0	CC13-3	0	CC13-3	0		
N												
+4.07	B6	72	VG40X50	0.43	CC13-3	0	CC13-3	0	CC13-3	0		
N												
+4.07	B6	72	VG40X50	0.86	CC13-3	0	CC13-3	0	CC13-3	0		
N			VG									
+4.07	B29	83	Aumento 50x50	0	CC13-3	0	CC13-3	0	CC13-3	0		
N			VG									
+4.07	B29	83	Aumento 50x50	0.46667	CC13-3	0	CC13-3	0	CC13-3	0		

N			VG											
+4.0	B2		Aumento	0.93	CC1			CC13-		CC13-				
7	9	83	50x50	333	3-3	0		3	0	3	0			
N			VG											
+4.0	B2		Aumento		CC1			CC13-		CC13-				
7	9	83	50x50	1.4	3-3	0		3	0	3	0			
N			VG											
+4.0	B2		Aumento		CC1	0.000		CC13-	0.000		0.000	0.2931818		
7	9	83	50x50	1.4	2-1	42	0.61	3	88	CC13	22	2		
N			VG											
+4.0	B2		Aumento	1.87	CC1	0.000		CC13-	0.000		0.000	0.2931818		
7	9	83	50x50	875	2-1	42	0.61	3	88	CC13	22	2		
N			VG											
+4.0	B2		Aumento	2.35	CC1	0.000		CC13-	0.000		0.000	0.2931818		
7	9	83	50x50	75	2-1	42	0.61	3	88	CC13	22	2		
N			VG											
+4.0	B2		Aumento	2.83	CC1	0.000		CC13-	0.000		0.000	0.2931818		
7	9	83	50x50	625	3-1	18	1.43	3	88	CC13	22	2		
N			VG											
+4.0	B2		Aumento	3.31	CC1	0.000		CC13-	0.000		0.000	0.2931818		
7	9	83	50x50	5	3-1	18	1.43	3	88	CC13	22	2		
N			VG											
+4.0	B2		Aumento	3.79	CC1	0.000		CC13-	0.000		0.000	0.2931818		
7	9	83	50x50	375	3-1	18	1.43	3	88	CC13	22	2		
N			VG											
+4.0	B2		Aumento	4.27	CC1	0.000		CC13-	0.000		0.000	0.2931818		
7	9	83	50x50	25	3-1	18	1.43	3	88	CC13	22	2		
N			VG											
+4.0	B2		Aumento	4.75	CC1	0.000		CC13-	0.000		0.000	0.2931818		
7	9	83	50x50	125	3-1	18	1.43	3	88	CC13	22	2		
N			VG											
+4.0	B2		Aumento		CC1	0.000		CC13-	0.000		0.000	0.2931818		
7	9	83	50x50	5.23	3-1	18	1.43	3	88	CC13	22	2		
N			VG											
+4.0	B2		Aumento	5.70	CC1	0.000		CC13-	0.000		0.000	0.2931818		
7	9	83	50x50	876	3-1	18	1.43	3	88	CC13	22	2		
N			VG											
+4.0	B2		Aumento	6.18	CC1	0.000		CC13-	0.000		0.000	0.2931818		
7	9	83	50x50	751	3-1	18	1.43	3	88	CC13	22	2		
N			VG											
+4.0	B2		Aumento	6.66	CC1	0.000		CC13-	0.000		0.000	0.2931818		
7	9	83	50x50	626	2-1	42	0.61	3	88	CC13	22	2		
N			VG											
+4.0	B2		Aumento	7.14	CC1	0.000		CC13-	0.000		0.000	0.2931818		
7	9	83	50x50	501	2-1	42	0.61	3	88	CC13	22	2		
N			VG											
+4.0	B2		Aumento	7.62	CC1	0.000		CC13-	0.000		0.000	0.2931818		
7	9	83	50x50	376	2-1	42	0.61	3	88	CC13	22	2		
N			VG											
+4.0	B2		Aumento	8.10	CC1	0.000		CC13-	0.000		0.000	0.2931818		
7	9	83	50x50	251	2-1	42	0.61	3	88	CC13	22	2		
N			VG											
+4.0	B2		Aumento	8.58	CC1	0.000		CC13-	0.000		0.000	0.2931818		
7	9	83	50x50	126	2-1	42	0.61	3	88	CC13	22	2		

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N +4.07	B29	83	VG Aumento 50x50	9.06001	CC12-1	0.00042	0.61	CC13-3	0.00088	CC13	0.00022	0.29318182
N +4.07	B28	35	VG40X50	0.28	CC13-3	0		CC13-3	0.000737	CC13	0.00007	0.35006784
N +4.07	B28	35	VG40X50	0.77334	CC13-3	0		CC13-3	0.000737	CC13	0.00007	0.35006784
N +4.07	B28	35	VG40X50	1.26667	CC13-3	0		CC13-3	0.000737	CC13	0.00007	0.35006784
N +4.07	B28	35	VG40X50	1.76001	CC13-3	0		CC13-3	0.000737	CC13	0.00007	0.35006784
N +4.07	B28	35	VG40X50	1.76001	CC13-3	0		CC13-3	0	CC13-3	0	
N +4.07	B28	35	VG40X50	2.21667	CC13-3	0		CC13-3	0	CC13-3	0	
N +4.07	B28	35	VG40X50	2.67334	CC13-3	0		CC13-3	0	CC13-3	0	
N +4.07	B28	35	VG40X50	3.13	CC13-3	0		CC13-3	0	CC13-3	0	
N +4.07	B26	63	VG40X50	0	CC13-3	0		CC13-3	0	CC13-3	0	
N +4.07	B26	63	VG40X50	0.44001	CC13-3	0		CC13-3	0	CC13-3	0	
N +4.07	B26	63	VG40X50	0.88001	CC13-3	0		CC13-3	0	CC13-3	0	
N +4.07	B26	63	VG40X50	1.32002	CC13-3	0		CC13-3	0	CC13-3	0	
N +4.07	B26	63	VG40X50	1.76002	CC13-3	0		CC13-3	0	CC13-3	0	
N +4.07	B26	63	VG40X50	2.20003	CC13-3	0		CC13-3	0	CC13-3	0	
N +4.07	B26	63	VG40X50	2.64004	CC13-3	0		CC13-3	0	CC13-3	0	
N +4.07	B26	63	VG40X50	3.08004	CC13	0.00033	0.78	CC13-3	0	CC13-3	0	
N +4.07	B26	63	VG40X50	3.08004	CC13-3	0.00033	0.78	CC13-3	0	CC13-3	0	

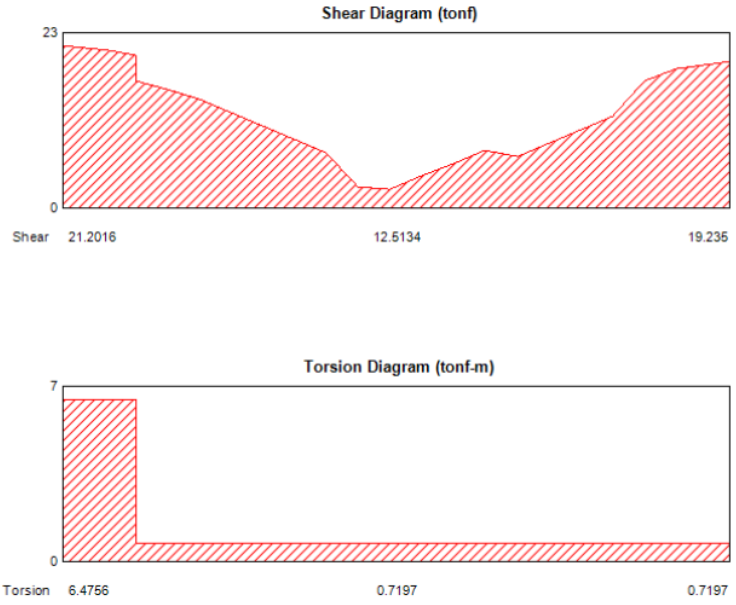
N +4.07	B26	63	VG40X50	3.57671	CC13-3	0.00033	0.78	CC13-3	0	CC13-3	0		
N +4.07	B26	63	VG40X50	4.07337	CC13-3	0.00033	0.78	CC13-3	0	CC13-3	0		
N +4.07	B26	63	VG40X50	4.57004	CC13-3	0.00033	0.78	CC13-3	0	CC13-3	0		
N +4.07	B26	63	VG40X50	5.06671	CC13-3	0		CC13-3	0	CC13-3	0		
N +4.07	B26	63	VG40X50	5.56337	CC13	0.00033	0.78	CC13-3	0	CC13-3	0		
N +4.07	B26	63	VG40X50	6.06004	CC13-2	0.00033	0.78	CC13-3	0	CC13-3	0		
N +4.07	B26	63	VG40X50	6.55671	CC13-3	0.00033	0.78	CC13-3	0	CC13-3	0		
N +4.07	B26	63	VG40X50	7.05337	CC13-3	0.00033	0.78	CC13-3	0	CC13-3	0		
N +4.07	B26	63	VG40X50	7.55004	CC13-3	0.00033	0.78	CC13-3	0	CC13-3	0		
N +4.07	B27	62	VG40X60	0.34	CC13-3	0.00007	3.69	CC13-3	0.0009	CC13-1	0.00014	0.2866667	
N +4.07	B27	62	VG40X60	0.77	CC13-3	0.00007	3.69	CC13-3	0.0009	CC13-1	0.00014	0.2866667	
N +4.07	B27	62	VG40X60	1.2	CC13-3	0.00007	3.69	CC13-3	0.0009	CC13-1	0.00014	0.2866667	
N +4.07	B27	62	VG40X60	1.63	CC13-3	0.00007	3.69	CC13-3	0.0009	CC13-1	0.00014	0.2866667	
N +4.07	B27	62	VG40X60	1.63	CC13-2	0.00033	0.78	CC13-3	0.0009	CC13-1	0.00014	0.2866667	
N +4.07	B27	62	VG40X60	2.091	CC13-2	0.00033	0.78	CC13-3	0.0009	CC13-1	0.00014	0.2866667	
N +4.07	B27	62	VG40X60	2.552	CC12-3	0.00033	0.78	CC13-3	0.0009	CC13-1	0.00014	0.2866667	
N +4.07	B27	62	VG40X60	3.013	CC13-3	0.00007	3.69	CC13-3	0.0009	CC13-1	0.00014	0.2866667	
N +4.07	B27	62	VG40X60	3.474	CC13-3	0.00007	3.69	CC13-3	0.0009	CC13-1	0.00014	0.2866667	

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N												
+4.07	B27	62	VG40X60	3.935	CC13-3	0.00007	3.69	CC13-3	0.0009	CC13-1	0.00014	0.28666667
N												
+4.07	B27	62	VG40X60	4.396	CC13-3	0.00007	3.69	CC13-3	0.0009	CC13-1	0.00014	0.28666667
N												
+4.07	B27	62	VG40X60	4.857	CC13-3	0.00007	3.69	CC13-3	0.0009	CC13-1	0.00014	0.28666667
N												
+4.07	B27	62	VG40X60	5.318	CC13-2	0.00033	0.78	CC13-3	0.0009	CC13-1	0.00014	0.28666667
N												
+4.07	B27	62	VG40X60	5.779	CC13-2	0.00033	0.78	CC13-3	0.0009	CC13-1	0.00014	0.28666667
N												
+4.07	B27	62	VG40X60	6.24	CC13-2	0.00033	0.78	CC13-3	0.0009	CC13-1	0.00014	0.28666667
N												
+4.07	B30	65	VG40X60	0	CC13-3	0.00059	0.44	CC13-3	0.000877	CC13-3	0.00026	0.29418472
N												
+4.07	B30	65	VG40X60	0.48889	CC13-3	0.00042	0.61	CC13-3	0.000877	CC13-3	0.00026	0.29418472
N												
+4.07	B30	65	VG40X60	0.97778	CC13-2	0.00033	0.78	CC13-3	0.000877	CC13-3	0.00026	0.29418472
N												
+4.07	B30	65	VG40X60	1.46667	CC13-2	0.00033	0.78	CC13-3	0.000877	CC13-3	0.00026	0.29418472
N												
+4.07	B30	65	VG40X60	1.95556	CC13-2	0.00033	0.78	CC13-3	0.000877	CC13-3	0.00026	0.29418472
N												
+4.07	B30	65	VG40X60	2.44444	CC13-2	0.00033	0.78	CC13-3	0.000877	CC13-3	0.00026	0.29418472
N												
+4.07	B30	65	VG40X60	2.93333	CC13-2	0.00033	0.78	CC13-3	0.000877	CC13-3	0.00026	0.29418472
N												
+4.07	B30	65	VG40X60	3.42222	CC13	0.00035	0.74	CC13-3	0.000877	CC13-3	0.00026	0.29418472
N												
+4.07	B30	65	VG40X60	3.91111	CC13	0.00045	0.57	CC13-3	0.000877	CC13-3	0.00026	0.29418472
N												
+4.07	B30	65	VG40X60	4.4	CC13	0.00051	0.51	CC13-3	0.000877	CC13-3	0.00026	0.29418472

CHEQUEO MANUAL DE VIGA MÁS CRÍTICA A CORTANTE

Ilustración 12 Cortante en viga más crítica



Fuente. Elaboración INDESCO SAS BIC, julio 2023

C.11.4.7.9 — V_s no debe considerarse mayor que $0.66\sqrt{f'_c}b_w d$.

Tabla 5 Chequeo viga más crítica a cortante

CHEQUEO ELEMENTO MAS CRITICO		
Elemento B14		
f´c	23.75	MPa
fy	420	MPa
bw	400	mm
d	390	mm
SOLICITACIONES		
Vu	21	Tonf

Tu	6.47	Tonf
Vu+Tu	27.47	Tonf
CHEQUEO		
φVc	9.69318698	Tonf
Vs	23.7024174	Tonf
S	0.10	m
C.11.4.7.9	50.1764973	Tonf

Fuente. Elaboración INDESCO SAS BIC, julio 2023

C.21.3.4.6 — En ambos extremos del elemento, deben disponerse estribos cerrados de confinamiento al menos No. 3 (3/8") ó 10M (10 mm) por longitudes iguales a **2h**, medidas desde la cara de elemento de apoyo hacia el centro de la luz. El primer estribo cerrado de confinamiento debe estar situado a no más de 50 mm de la cara del elemento de apoyo. El espaciamiento de los estribos cerrados de confinamiento no debe exceder el menor de (a), (b), (c) y (d):

(a) **d/4**.

(b) Ocho veces el diámetro de la barra longitudinal confinada más pequeña.

(c) 24 veces el diámetro de la barra del estribo cerrado de confinamiento.

(d) 300 mm.

C.21.3.4.8 — Deben colocarse estribos con ganchos sísmicos en ambos extremos espaciados a no más de **d/2** en toda la longitud del elemento.

Tabla 6 Verificación de acero transversal por disposiciones sísmicas

VG40X50		VG40X60 VG55X60 VG50X60 y VG60X60		VG40X45 y VG55X45	
Diámetro	N6	Diámetro	N6	Diámetro	N6
db	1.91	db	1.91	db	1.91
dc	1.27	dc	1.27	dc	1.27
d	0.44	d	0.54	d	0.39
Separación		Separación		Separación	
Zona confinada		**Zona confinada**		**Zona confinada**	
30 cm	30.0	30 cm	30.0	30 cm	30.0
d/4	11.00	d/4	13.50	d/4	9.75
8db	15.3	8db	15.3	8db	15.3
24dc	30.48	24dc	30.48	24dc	30.48
Zona no confinada		**Zona no confinada**		**Zona no confinada**	
	22.00		27.00		19.50

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Fuente. Elaboración INDESCO SAS BIC, julio 2023

La separación que predomina es de 10 cm en zona confinada y de 20 cm para la zona no confinada según las disposiciones sísmicas para las vigas de peralte de 45cm.

En relación a las vigas de peralte de 50cm predomina la separación sísmica de 11 cm en zona confinada y de 22 cm en zona no confinada.

Para las vigas de peralte de 60cm se considera una separación de 13.50 cm en zona confinada y de 27 cm en zona no confinada según disposiciones sísmicas.

Diseño a Flexocompresión en Vigas

TABLE: Concrete Beam Design Summary - ACI 318-19

Story	Label	UniqueName	DesignSect	Station	AsTopCombo	AsMinTop	AsTop	AsBotCombo	AsMinBot	AsBot
				cm		cm²	cm²		cm²	cm²
N+12.10	B1	22	VG Aumento 55x45	34	C3	7.15	29.49	C3	7.15	8.82
N+12.10	B1	22	VG Aumento 55x45	82.857	C9-3	7.15	20.97	C9	7.15	7.15
N+12.10	B1	22	VG Aumento 55x45	131.714	C9-3	7.15	13.75	C9	7.15	7.15
N+12.10	B1	22	VG Aumento 55x45	180.571	C9-3	7.15	7.41	C9	7.15	7.15
N+12.10	B1	22	VG Aumento 55x45	229.429	C9	7.15	7.15	C9	7.15	7.15
N+12.10	B1	22	VG Aumento 55x45	278.286	C9	7.15	7.15	C9-2	7.15	7.15
N+12.10	B1	22	VG Aumento 55x45	327.143	C9	7.15	7.15	C8	7.15	10.1
N+12.10	B1	22	VG Aumento 55x45	376	C9	7.15	7.15	C3	7.15	14.18
N+12.10	B1	22	VG Aumento 55x45	424.857	C9	7.15	7.15	C3	7.15	17.63
N+12.10	B1	22	VG Aumento 55x45	473.714	C9	7.15	7.15	C3	7.15	20.07
N+12.10	B1	22	VG Aumento 55x45	522.572	C9	7.15	7.15	C3	7.15	21.29
N+12.10	B1	22	VG Aumento 55x45	571.429	C9	7.15	7.15	C3	7.15	21.18
N+12.10	B1	22	VG Aumento 55x45	620.286	C9	7.15	7.15	C3	7.15	19.73
N+12.10	B1	22	VG Aumento 55x45	669.143	C9	7.15	7.15	C3	7.15	17.09
N+12.10	B1	22	VG Aumento 55x45	718	C9	7.15	7.15	C3	7.15	13.46
N+12.10	B1	22	VG Aumento 55x45	766.857	C9	7.15	7.15	C9-3	7.15	9.09

N+12. 10	B1	22	VG Aumento 55x45	815.71 5	C9	7.15	7.15	C9	7.15	7.15
N+12. 10	B1	22	VG Aumento 55x45	864.57 2	C9	7.15	7.15	C9	7.15	7.15
N+12. 10	B1	22	VG Aumento 55x45	913.42 9	C8	7.15	8.47	C9	7.15	7.15
N+12. 10	B1	22	VG Aumento 55x45	962.28 6	C9	7.15	15.06	C9	7.15	7.15
N+12. 10	B1	22	VG Aumento 55x45	1011.1 43	C3	7.15	22.67	C9	7.15	7.15
N+12. 10	B1	22	VG Aumento 55x45	1060	C3	7.15	32.1	C3	7.15	9.49
N+12. 10	B4	23	VG 40X45	34	C3	5.2	22.97	C3	5.2	6.81
N+12. 10	B4	23	VG 40X45	81.816	C9-3	5.2	16.04	C9-3	5.2	5.2
N+12. 10	B4	23	VG 40X45	129.63 2	C9-3	5.2	10.29	C9-3	5.2	5.2
N+12. 10	B4	23	VG 40X45	177.44 7	C9-3	5.2	5.31	C9-3	5.2	5.2
N+12. 10	B4	23	VG 40X45	225.26 3	C9-3	5.2	5.2	C9-3	5.2	5.2
N+12. 10	B4	23	VG 40X45	273.07 9	C9-3	5.2	5.2	C9-3	5.2	5.2
N+12. 10	B4	23	VG 40X45	320.89 5	C9-3	5.2	5.2	C3	5.2	7.89
N+12. 10	B4	23	VG 40X45	368.71 1	C9-3	5.2	5.2	C3	5.2	10.95
N+12. 10	B4	23	VG 40X45	416.52 7	C9-3	5.2	5.2	C3	5.2	13.24
N+12. 10	B4	23	VG 40X45	464.34 2	C9-3	5.2	5.2	C3	5.2	14.58
N+12. 10	B4	23	VG 40X45	512.15 8	C9-3	5.2	5.2	C3	5.2	14.8
N+12. 10	B4	23	VG 40X45	559.97 4	C9-3	5.2	5.2	C3	5.2	13.9
N+12. 10	B4	23	VG 40X45	607.79	C9-3	5.2	5.2	C3	5.2	12.02
N+12. 10	B4	23	VG 40X45	655.60 6	C9-3	5.2	5.2	C3	5.2	9.35
N+12. 10	B4	23	VG 40X45	703.42 1	C9-3	5.2	5.2	C9-3	5.2	6.5
N+12. 10	B4	23	VG 40X45	751.23 7	C9-3	5.2	5.2	C9-3	5.2	5.2
N+12. 10	B4	23	VG 40X45	799.05 3	C9-3	5.2	5.2	C9-3	5.2	5.2
N+12. 10	B4	23	VG 40X45	846.86 9	C9	5.2	7.46	C9-3	5.2	5.2
N+12. 10	B4	23	VG 40X45	894.68 5	C9	5.2	12.48	C9-3	5.2	5.2
N+12. 10	B4	23	VG 40X45	942.50 1	C9	5.2	18.19	C9	5.2	5.54
N+12. 10	B8	25	VG 40X45	28	C9-2	0.17	0.17	C9-2	0.06	0.06
N+12. 10	B8	25	VG 40X45	77.334	C9	1.32	1.32	C9	1.32	1.32

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N+12.10	B8	25	VG 40X45	126.667	C9	1.32	1.32	C9	1.32	1.32
N+12.10	B8	25	VG 40X45	176.001	C9	1.32	1.32	C9	1.32	1.32
N+12.10	B8	25	VG 40X45	176.001	C9	1.3	1.3	C9	1.3	1.3
N+12.10	B8	25	VG 40X45	222.601	C9	1.3	1.3	C9	1.3	1.3
N+12.10	B8	25	VG 40X45	269.201	C9	1.3	1.3	C9	1.3	1.3
N+12.10	B8	25	VG 40X45	315.801	C9	1.3	1.3	C9	1.3	1.3
N+12.10	B8	25	VG 40X45	362.401	C9	1.3	1.3	C9	1.3	1.3
N+12.10	B8	25	VG 40X45	409.002	C9	1.3	1.3	C9	1.3	1.3
N+12.10	B8	25	VG 40X45	409.002	C9	1.3	1.3	C9	1.3	1.3
N+12.10	B8	25	VG 40X45	451.402	C9	1.3	1.3	C9	1.3	1.3
N+12.10	B8	25	VG 40X45	493.803	C9	1.3	1.3	C9	1.3	1.3
N+12.10	B8	25	VG 40X45	536.203	C9	1.3	1.3	C9	1.3	1.3
N+12.10	B8	25	VG 40X45	578.604	C9	1.3	1.3	C9	1.3	1.3
N+12.10	B8	25	VG 40X45	621.004	C9	1.3	1.3	C9	1.3	1.3
N+12.10	B8	25	VG 40X45	621.004	C9-3	4.62	4.62	C9	1.3	1.3
N+12.10	B8	25	VG 40X45	670.615	C9-3	2.84	2.84	C9	1.3	1.3
N+12.10	B8	25	VG 40X45	720.226	C9-3	1.32	1.32	C9	1.3	1.3
N+12.10	B8	25	VG 40X45	769.837	C9	1.3	1.3	C9	1.3	1.3
N+12.10	B8	25	VG 40X45	819.449	C9	1.3	1.3	C9	1.31	1.31
N+12.10	B8	25	VG 40X45	869.06	C9	1.3	1.3	C9	1.3	1.3
N+12.10	B8	25	VG 40X45	918.671	C9	1.3	1.3	C9	1.3	1.3
N+12.10	B8	25	VG 40X45	968.282	C8	2.06	2.06	C9	1.3	1.3
N+12.10	B8	25	VG 40X45	1017.893	C9	4.19	4.19	C9	1.3	1.3
N+12.10	B8	25	VG 40X45	1067.504	C9-2	5.2	5.2	C9	2.18	2.18
N+12.10	B9	36	VG Aumento 50x45	28.5	C3	6.5	15.27	C3	6.4	6.4
N+12.10	B9	36	VG Aumento 50x45	73.975	C3	6.5	10.41	C3	3.8	3.8
N+12.10	B9	36	VG Aumento 50x45	119.45	C9-3	6.5	6.5	C3	3.8	3.8
N+12.10	B9	36	VG Aumento 50x45	164.925	C3	3.8	3.8	C3	3.8	3.8

N+12.			VG Aumento								
10	B9	36	50x45	210.4	C3	3.8	3.8	C3	3.8	3.8	
N+12.			VG Aumento	255.87							
10	B9	36	50x45	5	C3	3.8	3.8	C2	5.54	5.54	
N+12.			VG Aumento								
10	B9	36	50x45	301.35	C3	3.8	3.8	C3	6.5	6.69	
N+12.			VG Aumento	346.82							
10	B9	36	50x45	5	C3	3.8	3.8	C3	6.5	8.73	
N+12.			VG Aumento								
10	B9	36	50x45	392.3	C3	3.8	3.8	C3	6.5	10.24	
N+12.			VG Aumento	437.77							
10	B9	36	50x45	5	C3	3.8	3.8	C3	6.5	11.19	
N+12.			VG Aumento								
10	B9	36	50x45	483.25	C3	3.8	3.8	C3	6.5	11.55	
N+12.			VG Aumento								
10	B9	36	50x45	483.25	C3	3.8	3.8	C3	6.5	11.55	
N+12.			VG Aumento	528.77							
10	B9	36	50x45	5	C3	3.8	3.8	C3	6.5	11.33	
N+12.			VG Aumento								
10	B9	36	50x45	574.3	C3	3.8	3.8	C3	6.5	10.52	
N+12.			VG Aumento	619.82							
10	B9	36	50x45	5	C3	3.8	3.8	C3	6.5	9.15	
N+12.			VG Aumento								
10	B9	36	50x45	665.35	C3	3.8	3.8	C3	6.5	7.23	
N+12.			VG Aumento	710.87							
10	B9	36	50x45	5	C3	3.8	3.8	C3	6.41	6.41	
N+12.			VG Aumento								
10	B9	36	50x45	756.4	C3	3.8	3.8	C3	3.8	3.8	
N+12.			VG Aumento	801.92							
10	B9	36	50x45	5	C3	3.8	3.8	C3	3.8	3.8	
N+12.			VG Aumento								
10	B9	36	50x45	847.45	C3	6.5	6.5	C3	3.8	3.8	
N+12.			VG Aumento	892.97							
10	B9	36	50x45	5	C2	6.5	9.2	C3	3.8	3.8	
N+12.			VG Aumento	938.50							
10	B9	36	50x45	1	C2	6.5	13.84	C2	5.84	5.84	
N+12.			VG Aumento								
10	B14	26	55x45	34	C3	7.15	23.26	C9-3	7.15	7.15	
N+12.			VG Aumento								
10	B14	26	55x45	81.65	C9-1	7.15	16.38	C3	5.95	5.95	
N+12.			VG Aumento								
10	B14	26	55x45	129.3	C9-1	7.15	10.47	C3	5.95	5.95	
N+12.			VG Aumento								
10	B14	26	55x45	176.95	C9-1	6.99	6.99	C3	5.95	5.95	
N+12.			VG Aumento								
10	B14	26	55x45	224.6	C3	5.95	5.95	C3	5.95	5.95	
N+12.			VG Aumento								
10	B14	26	55x45	272.25	C3	5.95	5.95	C9-2	7.15	7.15	
N+12.			VG Aumento	319.90							
10	B14	26	55x45	1	C3	5.95	5.95	C3	7.15	9.13	
N+12.			VG Aumento	367.55							
10	B14	26	55x45	1	C3	5.95	5.95	C3	7.15	12.47	
N+12.			VG Aumento	415.20							
10	B14	26	55x45	1	C3	5.95	5.95	C3	7.15	15.01	
N+12.			VG Aumento	462.85							
10	B14	26	55x45	1	C3	5.95	5.95	C3	7.15	16.61	

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N+12.10	B14	26	VG Aumento 55x45	510.50 1	C3	5.95	5.95	C3	7.15	17.09
N+12.10	B14	26	VG Aumento 55x45	558.15 1	C3	5.95	5.95	C3	7.15	16.38
N+12.10	B14	26	VG Aumento 55x45	605.80 1	C3	5.95	5.95	C3	7.15	14.6
N+12.10	B14	26	VG Aumento 55x45	653.45 1	C3	5.95	5.95	C3	7.15	11.88
N+12.10	B14	26	VG Aumento 55x45	701.10 1	C3	5.95	5.95	C3	7.15	8.42
N+12.10	B14	26	VG Aumento 55x45	748.75 1	C3	5.95	5.95	C9-3	6.45	6.45
N+12.10	B14	26	VG Aumento 55x45	796.40 2	C3	5.95	5.95	C3	5.95	5.95
N+12.10	B14	26	VG Aumento 55x45	844.05 2	C9-2	7.15	7.15	C3	5.95	5.95
N+12.10	B14	26	VG Aumento 55x45	891.70 2	C9-2	7.15	11.26	C3	5.95	5.95
N+12.10	B14	26	VG Aumento 55x45	939.35 2	C3	7.15	17.41	C3	5.95	5.95
N+12.10	B14	26	VG Aumento 55x45	987.00 2	C3	7.15	24.79	C3	7.15	7.56
N+12.10	B16	27	VG Aumento 60X60	34	C9-3	10.8	27.31	C9-3	10.8	10.8
N+12.10	B16	27	VG Aumento 60X60	83.842	C9-3	10.8	18.33	C9	7.52	7.52
N+12.10	B16	27	VG Aumento 60X60	133.68 4	C9-3	10.8	10.8	C9	7.52	7.52
N+12.10	B16	27	VG Aumento 60X60	183.52 7	C9	7.52	7.52	C9	7.52	7.52
N+12.10	B16	27	VG Aumento 60X60	233.36 9	C9	7.52	7.52	C9-2	10.8	10.8
N+12.10	B16	27	VG Aumento 60X60	283.21 1	C9	7.52	7.52	C9	10.8	13.78
N+12.10	B16	27	VG Aumento 60X60	333.05 3	C9	7.52	7.52	C3	10.8	18.55
N+12.10	B16	27	VG Aumento 60X60	382.89 5	C9	7.52	7.52	C3	10.8	23.02
N+12.10	B16	27	VG Aumento 60X60	432.73 8	C9	7.52	7.52	C3	10.8	26.17
N+12.10	B16	27	VG Aumento 60X60	482.58	C9	7.52	7.52	C3	10.8	27.73
N+12.10	B16	27	VG Aumento 60X60	532.42 2	C9	7.52	7.52	C3	10.8	27.5
N+12.10	B16	27	VG Aumento 60X60	582.26 4	C9	7.52	7.52	C3	10.8	25.49
N+12.10	B16	27	VG Aumento 60X60	632.10 7	C9	7.52	7.52	C2	10.8	21.92
N+12.10	B16	27	VG Aumento 60X60	681.94 9	C9	7.52	7.52	C2	10.8	17.08
N+12.10	B16	27	VG Aumento 60X60	731.79 1	C9	7.52	7.52	C9-3	10.8	11.79
N+12.10	B16	27	VG Aumento 60X60	781.63 3	C9	7.52	7.52	C9-3	8.56	8.56
N+12.10	B16	27	VG Aumento 60X60	831.47 5	C9	7.52	7.52	C9	7.52	7.52

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N+12.10	B16	27	VG Aumento 60X60	881.318	C9	10.8	12.52	C9	7.52	7.52
N+12.10	B16	27	VG Aumento 60X60	931.16	C9	10.8	21.1	C9	7.52	7.52
N+12.10	B16	27	VG Aumento 60X60	981.002	C9	10.8	30.67	C9-2	10.8	10.8
N+12.10	B17	28	VG Aumento 50x45	34	C9-3	6.5	14.19	C9-3	5.98	5.98
N+12.10	B17	28	VG Aumento 50x45	79.9	C9-3	6.5	9.59	C9-3	3.55	3.55
N+12.10	B17	28	VG Aumento 50x45	125.8	C9-3	6.5	6.5	C9-3	3.55	3.55
N+12.10	B17	28	VG Aumento 50x45	171.7	C9-3	3.55	3.55	C9-3	3.55	3.55
N+12.10	B17	28	VG Aumento 50x45	217.6	C9-3	3.55	3.55	C9-3	3.55	3.55
N+12.10	B17	28	VG Aumento 50x45	263.5	C9-3	3.55	3.55	C9-3	3.55	3.55
N+12.10	B17	28	VG Aumento 50x45	309.401	C9-3	3.55	3.55	C9-3	4.86	4.86
N+12.10	B17	28	VG Aumento 50x45	355.301	C9-3	3.55	3.55	C9-3	5.48	5.48
N+12.10	B17	28	VG Aumento 50x45	401.201	C9-3	3.55	3.55	C9-3	5.32	5.32
N+12.10	B17	28	VG Aumento 50x45	447.101	C9	3.78	3.78	C9-3	4.55	4.55
N+12.10	B17	28	VG Aumento 50x45	493.001	C9	6.5	6.5	C9-3	3.37	3.37
N+12.10	B2	29	VG 40X45	27	C3	0.36	0.36	C3	0.12	0.12
N+12.10	B2	29	VG 40X45	71.6	C9	3.37	3.37	C9	3.37	3.37
N+12.10	B2	29	VG 40X45	116.2	C9	3.37	3.37	C9	3.37	3.37
N+12.10	B2	29	VG 40X45	160.8	C9	3.37	3.37	C9	3.37	3.37
N+12.10	B2	29	VG 40X45	205.4	C9	3.37	3.37	C9	3.37	3.37
N+12.10	B2	29	VG 40X45	250	C9	3.37	3.37	C9	3.37	3.37
N+12.10	B2	29	VG 40X45	250	C9-3	5.2	24.12	C9	3.37	3.37
N+12.10	B2	29	VG 40X45	299.033	C9-3	5.2	16.11	C9	3.37	3.37
N+12.10	B2	29	VG 40X45	348.067	C9-3	5.2	9.7	C9	3.37	3.37
N+12.10	B2	29	VG 40X45	397.1	C9-3	5.2	5.2	C9	3.91	3.91
N+12.10	B2	29	VG 40X45	446.133	C9	3.37	3.37	C9	5.2	5.71
N+12.10	B2	29	VG 40X45	495.167	C9	3.37	3.37	C9	5.2	7.69
N+12.10	B2	29	VG 40X45	544.2	C9	3.37	3.37	C9	5.2	8.72
N+12.10	B2	29	VG 40X45	593.233	C9	3.37	3.37	C9	5.2	8.8

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N+12.10	B2	29	VG 40X45	642.267	C9	3.37	3.37	C3	5.2	8.69
N+12.10	B2	29	VG 40X45	691.3	C9	3.37	3.37	C3	5.2	7.71
N+12.10	B2	29	VG 40X45	740.333	C9	3.37	3.37	C9-3	5.2	6.26
N+12.10	B2	29	VG 40X45	789.367	C9	3.37	3.37	C9-3	5.2	5.2
N+12.10	B2	29	VG 40X45	838.4	C9	3.37	3.37	C9-3	4.13	4.13
N+12.10	B2	29	VG 40X45	887.433	C9-2	5.2	5.2	C9	3.37	3.37
N+12.10	B2	29	VG 40X45	936.467	C9	5.2	9.05	C9	3.37	3.37
N+12.10	B2	29	VG 40X45	985.5	C9	5.2	13.63	C9-2	5.2	5.2
N+12.10	B3	30	VG 40X45	27	C9-3	5.2	8.31	C9-3	3.56	3.56
N+12.10	B3	30	VG 40X45	73.7	C9-3	5.2	5.58	C9-3	2.12	2.12
N+12.10	B3	30	VG 40X45	120.4	C9-3	4.2	4.2	C9-3	2.12	2.12
N+12.10	B3	30	VG 40X45	167.1	C9-3	2.12	2.12	C9-3	2.12	2.12
N+12.10	B3	30	VG 40X45	213.8	C9-3	2.12	2.12	C9-3	2.12	2.12
N+12.10	B3	30	VG 40X45	260.5	C9-3	2.12	2.12	C9-3	2.71	2.71
N+12.10	B3	30	VG 40X45	307.2	C9-3	2.12	2.12	C9-3	3.94	3.94
N+12.10	B3	30	VG 40X45	353.9	C9-3	2.12	2.12	C9-3	4.62	4.62
N+12.10	B3	30	VG 40X45	400.6	C9	3.06	3.06	C9-3	4.84	4.84
N+12.10	B3	30	VG 40X45	447.3	C9	5.2	5.2	C9-3	4.7	4.7
N+12.10	B3	30	VG 40X45	494	C9	5.2	6.17	C9-3	4.3	4.3
N+12.10	B25	33	VG Aumento 50x45	34	C3	6.5	20.84	C9-3	6.5	6.5
N+12.10	B25	33	VG Aumento 50x45	81.685	C3	6.5	14.16	C3	5.05	5.05
N+12.10	B25	33	VG Aumento 50x45	129.369	C3	6.5	8.25	C3	5.05	5.05
N+12.10	B25	33	VG Aumento 50x45	177.054	C3	5.05	5.05	C3	5.05	5.05
N+12.10	B25	33	VG Aumento 50x45	224.738	C3	5.05	5.05	C3	5.05	5.05
N+12.10	B25	33	VG Aumento 50x45	272.423	C3	5.05	5.05	C9-2	6.5	6.5
N+12.10	B25	33	VG Aumento 50x45	320.107	C3	5.05	5.05	C3	6.5	9.17
N+12.10	B25	33	VG Aumento 50x45	367.792	C3	5.05	5.05	C3	6.5	12.18
N+12.10	B25	33	VG Aumento 50x45	415.476	C3	5.05	5.05	C3	6.5	14.4

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N+12.10	B25	33	VG Aumento 50x45	463.161	C3	5.05	5.05	C3	6.5	15.66
N+12.10	B25	33	VG Aumento 50x45	510.845	C3	5.05	5.05	C3	6.5	15.81
N+12.10	B25	33	VG Aumento 50x45	558.53	C3	5.05	5.05	C3	6.5	14.86
N+12.10	B25	33	VG Aumento 50x45	606.215	C3	5.05	5.05	C3	6.5	12.94
N+12.10	B25	33	VG Aumento 50x45	653.899	C3	5.05	5.05	C3	6.5	10.21
N+12.10	B25	33	VG Aumento 50x45	701.584	C3	5.05	5.05	C3	6.5	6.84
N+12.10	B25	33	VG Aumento 50x45	749.268	C3	5.05	5.05	C3	5.05	5.05
N+12.10	B25	33	VG Aumento 50x45	796.953	C3	5.05	5.05	C3	5.05	5.05
N+12.10	B25	33	VG Aumento 50x45	844.637	C9-3	6.5	6.5	C3	5.05	5.05
N+12.10	B25	33	VG Aumento 50x45	892.322	C2	6.5	11.35	C3	5.05	5.05
N+12.10	B25	33	VG Aumento 50x45	940.006	C2	6.5	17.38	C9-2	6.5	6.5
N+12.10	B44	79	VG 20X45	0	C9-3	1.71	1.71	C9	1.78	1.78
N+12.10	B44	79	VG 20X45	44.464	C9-3	0.74	0.74	C9	1.1	1.1
N+12.10	B44	79	VG 20X45	88.928	C9	0.35	0.35	C9	0.35	0.35
N+12.10	B44	79	VG 20X45	133.392	C9-1	0.86	0.86	C9-2	0.73	0.73
N+12.10	B44	79	VG 20X45	177.856	C9-1	2.04	2.04	C9-2	1.13	1.13
N+12.10	B44	79	VG 20X45	177.856	C9-1	1.23	1.23	C9	0.35	0.35
N+12.10	B44	79	VG 20X45	224.45	C9-1	0.49	0.49	C9-2	0.68	0.68
N+12.10	B44	79	VG 20X45	271.056	C9	0.35	0.35	C9-2	0.8	0.8
N+12.10	B44	79	VG 20X45	317.656	C9	0.35	0.35	C9-2	0.52	0.52
N+12.10	B44	79	VG 20X45	364.256	C9	0.44	0.44	C9	0.35	0.35
N+12.10	B44	79	VG 20X45	410.856	C9	1.29	1.29	C9	0.35	0.35
N+12.10	B44	79	VG 20X45	410.856	C9-3	1.56	1.56	C9	0.35	0.35
N+12.10	B44	79	VG 20X45	453.256	C9-3	0.61	0.61	C9	0.35	0.35
N+12.10	B44	79	VG 20X45	495.657	C9	0.35	0.35	C9	0.35	0.35
N+12.10	B44	79	VG 20X45	538.057	C9	0.35	0.35	C9-3	0.58	0.58
N+12.10	B44	79	VG 20X45	580.457	C9	0.35	0.35	C9-3	0.71	0.71
N+12.10	B44	79	VG 20X45	622.857	C9	0.63	0.63	C9-3	0.65	0.65

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N+12.10	B27	66	VG 40X45	28	C9-3	5.2	5.2	C11	5.2	5.2
N+12.10	B27	66	VG 40X45	65.75	C11	5.2	5.2	C11	5.2	5.2
N+12.10	B27	66	VG 40X45	103.5	C11	5.2	5.2	C11	5.2	5.2
N+12.10	B27	66	VG 40X45	141.25	C11	5.2	5.2	C11	5.2	5.2
N+12.10	B27	66	VG 40X45	179	C11	5.2	5.2	C11	5.2	5.2
N+12.10	B27	66	VG 40X45	179	C11	5.2	5.2	C11	5.2	5.2
N+12.10	B27	66	VG 40X45	225.6	C11	5.2	5.2	C11	5.2	5.2
N+12.10	B27	66	VG 40X45	272.2	C11	5.2	5.2	C11	5.2	5.2
N+12.10	B27	66	VG 40X45	318.8	C11	5.2	5.2	C11	5.2	5.2
N+12.10	B27	66	VG 40X45	365.4	C11	5.2	5.2	C11	5.2	5.2
N+12.10	B27	66	VG 40X45	412	C11	5.2	5.2	C11	5.2	5.2
N+12.10	B27	66	VG 40X45	412	C11	5.2	5.2	C11	5.2	5.2
N+12.10	B27	66	VG 40X45	454.4	C11	5.2	5.2	C11	5.2	5.2
N+12.10	B27	66	VG 40X45	496.8	C11	5.2	5.2	C11	5.2	5.2
N+12.10	B27	66	VG 40X45	539.2	C11	5.2	5.2	C11	5.2	5.2
N+12.10	B27	66	VG 40X45	581.6	C11	5.2	5.2	C11	5.2	5.2
N+12.10	B27	66	VG 40X45	624	C11	5.2	5.2	C11	5.2	5.2
N+12.10	B30	77	VG Aumento 50x45	0	C9-3	6.5	11.69	C11	6.5	6.5
N+12.10	B30	77	VG Aumento 50x45	48.889	C9-3	6.5	6.81	C11	6.5	6.5
N+12.10	B30	77	VG Aumento 50x45	97.778	C11	6.5	6.5	C11	6.5	6.5
N+12.10	B30	77	VG Aumento 50x45	146.667	C11	6.5	6.5	C11	6.5	6.5
N+12.10	B30	77	VG Aumento 50x45	195.556	C11	6.5	6.5	C11	6.5	6.5
N+12.10	B30	77	VG Aumento 50x45	244.444	C11	6.5	6.5	C11	6.5	6.5
N+12.10	B30	77	VG Aumento 50x45	293.333	C11	6.5	6.5	C11	6.5	6.5
N+12.10	B30	77	VG Aumento 50x45	342.222	C11	6.5	6.5	C11	6.5	6.5
N+12.10	B30	77	VG Aumento 50x45	391.111	C11	6.5	6.5	C11	6.5	6.5
N+12.10	B30	77	VG Aumento 50x45	440	C9	6.5	8.62	C11	6.5	6.5
N+12.10	B37	99	VG 40X45	27	C9-1	5.2	13.05	C9-2	5.2	6.44

N+12. 10	B37	99	VG 40X45	70.001	C9-1	5.2	6.62	C11	5.2	5.2
N+12. 10	B37	99	VG 40X45	113.00 2	C11	5.2	5.2	C11	5.2	5.2
N+12. 10	B37	99	VG 40X45	156.00 2	C11	5.2	5.2	C11	5.2	5.2
N+12. 10	B37	99	VG 40X45	199.00 3	C9-2	5.2	8.75	C9-1	5.2	10.23
N+12. 10	B37	99	VG 40X45	199.00 3	C9-2	5.2	8.45	C9-1	5.2	9.88
N+12. 10	B37	99	VG 40X45	227.00 4	C9-2	5.2	11.89	C9-1	5.2	14.15
N+12. 10	B38	103	VG 40X45	0	C11	5.2	5.2	C11	5.2	5.2
N+12. 10	B38	103	VG 40X45	42.001	C11	5.2	5.2	C11	5.2	5.2
N+12. 10	B38	103	VG 40X45	84.001	C11	5.2	5.2	C11	5.2	5.2
N+12. 10	B38	103	VG 40X45	126.00 2	C11	5.2	5.2	C11	5.2	5.2
N+12. 10	B38	103	VG 40X45	168.00 3	C11	5.2	5.2	C11	5.2	5.2
N+12. 10	B38	103	VG 40X45	168.00 3	C11	5.2	5.2	C11	5.2	5.2
N+12. 10	B38	103	VG 40X45	217.50 4	C11	5.2	5.2	C11	5.2	5.2
N+12. 10	B38	103	VG 40X45	267.00 5	C11	5.2	5.2	C11	5.2	5.2
N+12. 10	B42	114	VG 40X45	0	C9-3	5.2	10.36	C9	5.2	11.54
N+12. 10	B42	114	VG 40X45	49.75	C9-3	5.2	5.75	C9	5.2	7.77
N+12. 10	B42	114	VG 40X45	99.5	C11	5.2	5.2	C11	5.2	5.2
N+12. 10	B42	114	VG 40X45	149.25	C11	5.2	5.2	C11	5.2	5.2
N+12. 10	B42	114	VG 40X45	199	C11	5.2	5.2	C11	5.2	5.2
N+12. 10	B42	114	VG 40X45	199	C11	5.2	5.2	C11	5.2	5.2
N+12. 10	B42	114	VG 40X45	242.15	C9	5.2	9.21	C9-3	5.2	7.01
N+12. 10	B42	114	VG 40X45	285.3	C9	5.2	15.19	C9-3	5.2	9
N+12. 10	B43	118	VG 40X45	0	C11	5.2	5.2	C11	5.2	5.2
N+12. 10	B43	118	VG 40X45	36.567	C11	5.2	5.2	C11	5.2	5.2
N+12. 10	B43	118	VG 40X45	73.133	C11	5.2	5.2	C11	5.2	5.2
N+12. 10	B43	118	VG 40X45	109.7	C11	5.2	5.2	C11	5.2	5.2
N+12. 10	B43	118	VG 40X45	109.7	C11	5.2	5.2	C11	5.2	5.2
N+12. 10	B43	118	VG 40X45	151.46 7	C11	5.2	5.2	C11	5.2	5.2

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N+12.10	B43	118	VG 40X45	193.233	C11	5.2	5.2	C11	5.2	5.2
N+12.10	B43	118	VG 40X45	235	C11	5.2	5.2	C11	5.2	5.2
N+10.43	B14	64	VG Aumento 50x45	34	C9-1	6.5	12.16	C9-1	5.16	5.16
N+10.43	B14	64	VG Aumento 50x45	72.5	C9-1	6.5	9.11	C9-2	3.63	3.63
N+10.43	B14	64	VG Aumento 50x45	111	C9-3	6.5	6.5	C9-2	3.63	3.63
N+10.43	B14	64	VG Aumento 50x45	111	C9-1	6.5	8.42	C9-2	3.63	3.63
N+10.43	B14	64	VG Aumento 50x45	159.667	C9-3	6.5	6.5	C9-2	3.63	3.63
N+10.43	B14	64	VG Aumento 50x45	208.334	C9-2	3.63	3.63	C9-2	3.63	3.63
N+10.43	B14	64	VG Aumento 50x45	257	C9-2	3.63	3.63	C9-2	3.63	3.63
N+10.43	B14	64	VG Aumento 50x45	305.667	C9-2	3.63	3.63	C9-2	5.54	5.54
N+10.43	B14	64	VG Aumento 50x45	354.334	C9-2	3.63	3.63	C9-2	6.5	6.5
N+10.43	B14	64	VG Aumento 50x45	403.001	C9-2	3.63	3.63	C9-3	6.5	6.5
N+10.43	B14	64	VG Aumento 50x45	451.667	C9-2	3.63	3.63	C3	6.5	7.13
N+10.43	B14	64	VG Aumento 50x45	500.334	C9-2	3.63	3.63	C3	6.5	7.48
N+10.43	B14	64	VG Aumento 50x45	549.001	C9-2	3.63	3.63	C3	6.5	7.39
N+10.43	B14	64	VG Aumento 50x45	597.668	C9-2	3.63	3.63	C3	6.5	6.85
N+10.43	B14	64	VG Aumento 50x45	646.335	C9-2	3.63	3.63	C9-3	6.5	6.5
N+10.43	B14	64	VG Aumento 50x45	695.002	C9-2	3.63	3.63	C9-3	6.5	6.5
N+10.43	B14	64	VG Aumento 50x45	743.669	C9-2	3.63	3.63	C9-1	4.84	4.84
N+10.43	B14	64	VG Aumento 50x45	792.336	C9-2	3.63	3.63	C9-2	3.63	3.63
N+10.43	B14	64	VG Aumento 50x45	841.003	C9-2	4.91	4.91	C9-2	3.63	3.63
N+10.43	B14	64	VG Aumento 50x45	889.669	C9-2	6.5	6.79	C9-2	3.63	3.63
N+10.43	B14	64	VG Aumento 50x45	938.336	C9-2	6.5	10.41	C9-2	3.63	3.63
N+10.43	B14	64	VG Aumento 50x45	987.003	C9-2	6.5	14.52	C9-2	6.11	6.11
N+10.43	B15	68	VG 40X45	27	C9-3	5.2	5.2	C9-1	2.1	2.1
N+10.43	B15	68	VG 40X45	70.001	C9-1	4.28	4.28	C9-2	2.04	2.04
N+10.43	B15	68	VG 40X45	113.002	C9-1	2.38	2.38	C9-2	2.41	2.41
N+10.43	B15	68	VG 40X45	156.003	C9-1	1.25	1.25	C9-2	2.49	2.49

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N+10.43	B15	68	VG 40X45	199.003	C9-1	1.25	1.25	C9-2	2.28	2.28
N+10.43	B15	68	VG 40X45	199.003	C9-1	1.25	1.25	C9-2	2.28	2.28
N+10.43	B15	68	VG 40X45	243.004	C9-1	1.25	1.25	C9	1.97	1.97
N+10.43	B15	68	VG 40X45	287.005	C9-1	1.25	1.25	C9	2.72	2.72
N+10.43	B15	68	VG 40X45	287.005	C9-1	1.33	1.33	C9	2.72	2.72
N+10.43	B15	68	VG 40X45	288.005	C9-1	1.33	1.33	C9	2.73	2.73
N+10.43	B15	68	VG 40X45	288.005	C9-1	1.25	1.25	C9	2.45	2.45
N+10.43	B15	68	VG 40X45	312.009	C9-1	1.25	1.25	C9	1.88	1.88
N+10.43	B15	68	VG 40X45	312.009	C9-1	1.25	1.25	C9	1.88	1.88
N+10.43	B15	68	VG 40X45	357.509	C9-1	1.25	1.25	C9-1	1.86	1.86
N+10.43	B15	68	VG 40X45	403.009	C9-2	2.07	2.07	C9-1	2	2
N+10.43	B15	68	VG 40X45	448.509	C9-2	4.1	4.1	C9-1	2.02	2.02
N+10.43	B15	68	VG 40X45	494.009	C9-2	5.2	5.2	C9-2	2.06	2.06
N+10.43	B53	55	VG 40X45	0	C9-3	5.2	5.2	C9-3	1.81	1.81
N+10.43	B53	55	VG 40X45	32	C9-3	3.7	3.7	C9-3	1.09	1.09
N+10.43	B53	55	VG 40X45	32	C9-3	3.7	3.7	C9-3	1.09	1.09
N+10.43	B53	55	VG 40X45	79.356	C9-3	1.24	1.24	C9-3	1.09	1.09
N+10.43	B53	55	VG 40X45	126.712	C9-3	1.09	1.09	C9-3	1.09	1.09
N+10.43	B53	55	VG 40X45	174.069	C9-3	1.09	1.09	C9-3	2.72	2.72
N+10.43	B53	55	VG 40X45	221.425	C9-3	1.09	1.09	C9-3	4.25	4.25
N+10.43	B53	55	VG 40X45	268.781	C9	1.95	1.95	C9-3	5.2	5.2
N+10.43	B52	56	VG 40X45	0	C9-3	2.65	2.65	C9	3.43	3.43
N+10.43	B52	56	VG 40X45	47.603	C9	1.61	1.61	C9	1.65	1.65
N+10.43	B52	56	VG 40X45	95.207	C9	1.61	1.61	C9	1.61	1.61
N+10.43	B52	56	VG 40X45	142.81	C9	2.57	2.57	C9-3	3.31	3.31
N+10.43	B52	56	VG 40X45	190.414	C9	5.2	5.2	C9-3	4.7	4.7
N+10.43	B52	56	VG 40X45	238.017	C9	5.2	6.25	C9-3	5.2	5.2
N+10.43	B23	60	VG 40X45	0	C9-2	5.2	7.93	C9-2	3.4	3.4

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N+10.43	B23	60	VG 40X45	25	C9-2	5.2	10.07	C9-2	2.02	2.02
N+10.43	B23	60	VG 40X45	25	C9-2	2.02	2.02	C9-2	2.02	2.02
N+10.43	B23	60	VG 40X45	68.167	C9-2	2.02	2.02	C9-2	2.02	2.02
N+10.43	B23	60	VG 40X45	111.333	C9-2	2.02	2.02	C9-2	2.02	2.02
N+10.43	B23	60	VG 40X45	154.5	C9-2	2.02	2.02	C9-2	2.02	2.02
N+10.43	B23	60	VG 40X45	197.667	C9-2	2.02	2.02	C9-2	2.02	2.02
N+10.43	B23	60	VG 40X45	240.833	C9-2	2.02	2.02	C9-2	2.02	2.02
N+10.43	B23	60	VG 40X45	284	C9-2	2.02	2.02	C9-2	2.02	2.02
N+10.43	B23	60	VG 40X45	284	C9-2	2.02	2.02	C9-2	2.02	2.02
N+10.43	B23	60	VG 40X45	285	C9-2	2.02	2.02	C9-2	2.02	2.02
N+10.43	B23	60	VG 40X45	285	C9-2	2.02	2.02	C9-2	2.02	2.02
N+10.43	B23	60	VG 40X45	321	C11	0	0	C9	0.09	0.09
N+10.43	B34	71	VG 40X45	0	C9-3	1.57	1.57	C9	0.64	0.64
N+10.43	B34	71	VG 40X45	41	C9-3	0.93	0.93	C9	0.72	0.72
N+10.43	B34	71	VG 40X45	41	C9-3	0.93	0.93	C9	0.72	0.72
N+10.43	B34	71	VG 40X45	91	C9-3	0.31	0.31	C9	0.68	0.68
N+10.43	B34	71	VG 40X45	141	C9-3	0.31	0.31	C9-2	0.58	0.58
N+10.43	B34	71	VG 40X45	191	C9-3	0.31	0.31	C9-3	0.8	0.8
N+10.43	B34	71	VG 40X45	241	C9-3	0.31	0.31	C9-3	0.99	0.99
N+10.43	B34	71	VG 40X45	241	C9-3	0.32	0.32	C9-3	1	1
N+10.43	B34	71	VG 40X45	267.665	C9	0.53	0.53	C9-3	0.98	0.98
N+10.43	B6	78	VG 40X45	0	C9	0.01	0.01	C9-3	0.06	0.06
N+10.43	B6	78	VG 40X45	43	C9	0.02	0.02	C9-3	0.08	0.08
N+10.43	B6	78	VG 40X45	86	C9	0.11	0.11	C9	0.04	0.04
N+10.43	B29	57	VG 40X45	0	C9-1	0.29	0.29	C9-1	0.1	0.1
N+10.43	B29	57	VG 40X45	46.667	C9-2	2.19	2.19	C9-2	2.19	2.19
N+10.43	B29	57	VG 40X45	93.333	C9-2	2.19	2.19	C9-2	2.19	2.19
N+10.43	B29	57	VG 40X45	140	C9-2	2.19	2.19	C9-2	2.19	2.19

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N+10.43	B29	57	VG 40X45	140	C9-1	5.2	10.49	C9-2	2.19	2.19
N+10.43	B29	57	VG 40X45	187.875	C9-1	5.2	7.49	C9-2	2.19	2.19
N+10.43	B29	57	VG 40X45	235.75	C9-3	5.2	5.2	C9-2	2.19	2.19
N+10.43	B29	57	VG 40X45	283.625	C9-1	3.66	3.66	C9-2	2.19	2.19
N+10.43	B29	57	VG 40X45	331.5	C9-2	2.19	2.19	C9-2	3.25	3.25
N+10.43	B29	57	VG 40X45	379.375	C9-2	2.19	2.19	C9-2	4.22	4.22
N+10.43	B29	57	VG 40X45	427.25	C9-2	2.19	2.19	C9-2	4.8	4.8
N+10.43	B29	57	VG 40X45	475.125	C9-2	2.19	2.19	C9-2	4.97	4.97
N+10.43	B29	57	VG 40X45	523	C9-2	2.19	2.19	C3	5.12	5.12
N+10.43	B29	57	VG 40X45	570.875	C9-2	2.19	2.19	C3	5	5
N+10.43	B29	57	VG 40X45	618.75	C9-2	2.19	2.19	C9-1	4.91	4.91
N+10.43	B29	57	VG 40X45	666.625	C9-2	2.19	2.19	C9-1	4.53	4.53
N+10.43	B29	57	VG 40X45	714.50	C9-2	2.19	2.19	C9-1	3.75	3.75
N+10.43	B29	57	VG 40X45	762.375	C9-2	2.38	2.38	C9-1	2.58	2.58
N+10.43	B29	57	VG 40X45	810.25	C9-2	5.03	5.03	C9-2	2.19	2.19
N+10.43	B29	57	VG 40X45	858.125	C9-2	5.2	6.06	C9-2	2.19	2.19
N+10.43	B29	57	VG 40X45	906.00	C9-2	5.2	8.61	C9-2	3.68	3.68
N+7.44	B1	98	VG 40X45	34	C9-3	5.2	7.64	C9-3	3.28	3.28
N+7.44	B1	98	VG 40X45	76.333	C9-3	5.2	5.34	C9-3	1.95	1.95
N+7.44	B1	98	VG 40X45	118.667	C9-3	4.37	4.37	C9-3	1.95	1.95
N+7.44	B1	98	VG 40X45	161	C9-3	1.95	1.95	C9	2.29	2.29
N+7.44	B1	98	VG 40X45	161	C9-3	1.95	1.95	C9	2.29	2.29
N+7.44	B1	98	VG 40X45	210.944	C9-3	1.95	1.95	C8	2.77	2.77
N+7.44	B1	98	VG 40X45	260.889	C9-3	1.95	1.95	C9	3.12	3.12
N+7.44	B1	98	VG 40X45	310.833	C9-3	1.95	1.95	C9	3.36	3.36
N+7.44	B1	98	VG 40X45	360.778	C9-3	1.95	1.95	C9	3.47	3.47
N+7.44	B1	98	VG 40X45	410.722	C9-3	1.95	1.95	C9	3.46	3.46
N+7.44	B1	98	VG 40X45	460.667	C9-3	1.95	1.95	C9	3.32	3.32

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N+7.4 4	B1	98	VG 40X45	510.61 1	C9-3	1.95	1.95	C1	3.27	3.27
N+7.4 4	B1	98	VG 40X45	560.55 6	C9-3	1.95	1.95	C1	3.18	3.18
N+7.4 4	B1	98	VG 40X45	610.5	C9-3	1.95	1.95	C9-3	2.95	2.95
N+7.4 4	B1	98	VG 40X45	660.44 5	C9-3	1.95	1.95	C9-3	2.88	2.88
N+7.4 4	B1	98	VG 40X45	710.38 9	C9-3	1.95	1.95	C9-3	2.69	2.69
N+7.4 4	B1	98	VG 40X45	760.33 4	C9-3	1.95	1.95	C9-3	2.38	2.38
N+7.4 4	B1	98	VG 40X45	810.27 8	C9-3	1.95	1.95	C9-3	1.95	1.95
N+7.4 4	B1	98	VG 40X45	860.22 3	C9	2.06	2.06	C9-3	1.95	1.95
N+7.4 4	B1	98	VG 40X45	910.16 7	C9	3.29	3.29	C9-3	1.95	1.95
N+7.4 4	B1	98	VG 40X45	960.11 2	C9	4.67	4.67	C9-3	1.95	1.95
N+7.4 4	B1	98	VG 40X45	1010.0 56	C9	5.2	5.2	C9-3	1.95	1.95
N+7.4 4	B1	98	VG 40X45	1060	C9	5.2	5.89	C9	2.55	2.55
N+7.4 4	B4	100	VG 40X45	34	C9-3	5.2	5.2	C9-3	1.81	1.81
N+7.4 4	B4	100	VG 40X45	81.474	C9-3	4.28	4.28	C9	1.74	1.74
N+7.4 4	B4	100	VG 40X45	128.94 7	C9-3	3.15	3.15	C9	2.15	2.15
N+7.4 4	B4	100	VG 40X45	176.42 1	C9-3	2.14	2.14	C8	2.44	2.44
N+7.4 4	B4	100	VG 40X45	223.89 5	C9	1.51	1.51	C9	2.63	2.63
N+7.4 4	B4	100	VG 40X45	271.36 9	C9	1.51	1.51	C9	2.71	2.71
N+7.4 4	B4	100	VG 40X45	318.84 2	C9	1.51	1.51	C9	2.68	2.68
N+7.4 4	B4	100	VG 40X45	366.31 6	C9	1.51	1.51	C9	2.54	2.54
N+7.4 4	B4	100	VG 40X45	413.79	C9	1.51	1.51	C9	2.29	2.29
N+7.4 4	B4	100	VG 40X45	461.26 3	C9	1.51	1.51	C1	2.1	2.1
N+7.4 4	B4	100	VG 40X45	508.73 7	C9	1.51	1.51	C1	1.99	1.99
N+7.4 4	B4	100	VG 40X45	556.21 1	C9	1.51	1.51	C8-3	1.9	1.9
N+7.4 4	B4	100	VG 40X45	603.68 5	C9	1.51	1.51	C9-3	1.91	1.91
N+7.4 4	B4	100	VG 40X45	651.15 8	C9	1.51	1.51	C9-3	1.82	1.82
N+7.4 4	B4	100	VG 40X45	698.63 2	C9	1.51	1.51	C9-3	1.62	1.62
N+7.4 4	B4	100	VG 40X45	746.10 6	C9	2.49	2.49	C9	1.51	1.51

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N+7.4 4	B4	100	VG 40X45	793.57 9	C9	3.62	3.62	C9	1.51	1.51
N+7.4 4	B4	100	VG 40X45	841.05 3	C9	4.89	4.89	C9	1.51	1.51
N+7.4 4	B4	100	VG 40X45	888.52 7	C9	5.2	5.2	C9	1.51	1.51
N+7.4 4	B4	100	VG 40X45	936.00 1	C9	5.2	5.86	C9	2.54	2.54
N+7.4 4	B7	102	VG 40X45	34	C9-3	1.28	1.28	C9	4.51	4.51
N+7.4 4	B7	102	VG 40X45	74.6	C9	0.9	0.9	C9	3.12	3.12
N+7.4 4	B7	102	VG 40X45	115.2	C9	0.9	0.9	C9	1.55	1.55
N+7.4 4	B7	102	VG 40X45	155.8	C9	0.9	0.9	C9	0.9	0.9
N+7.4 4	B7	102	VG 40X45	196.4	C9	2.3	2.3	C9	0.9	0.9
N+7.4 4	B7	102	VG 40X45	237	C9	4.58	4.58	C9	1.5	1.5
N+7.4 4	B9	113	VG Aumento 50x45	28	C2	6.5	22.27	C2	6.5	6.8
N+7.4 4	B9	113	VG Aumento 50x45	73.525	C2	6.5	15.81	C2	6.13	6.13
N+7.4 4	B9	113	VG Aumento 50x45	119.05	C2	6.5	10.09	C2	6.13	6.13
N+7.4 4	B9	113	VG Aumento 50x45	164.57 5	C2	6.5	6.5	C2	6.13	6.13
N+7.4 4	B9	113	VG Aumento 50x45	210.1	C2	6.13	6.13	C2	6.13	6.13
N+7.4 4	B9	113	VG Aumento 50x45	255.62 5	C2	6.13	6.13	C2	6.13	6.13
N+7.4 4	B9	113	VG Aumento 50x45	301.15	C2	6.13	6.13	C2	6.5	6.87
N+7.4 4	B9	113	VG Aumento 50x45	346.67 5	C2	6.13	6.13	C2	6.5	10.04
N+7.4 4	B9	113	VG Aumento 50x45	392.2	C2	6.13	6.13	C2	6.5	12.77
N+7.4 4	B9	113	VG Aumento 50x45	437.72 5	C2	6.13	6.13	C2	6.5	15.01
N+7.4 4	B9	113	VG Aumento 50x45	483.25	C2	6.13	6.13	C2	6.5	16.72
N+7.4 4	B9	113	VG Aumento 50x45	483.25	C2	6.13	6.13	C2	6.5	16.72
N+7.4 4	B9	113	VG Aumento 50x45	528.82 5	C2	6.13	6.13	C2	6.5	16.09
N+7.4 4	B9	113	VG Aumento 50x45	574.4	C2	6.13	6.13	C2	6.5	14.78
N+7.4 4	B9	113	VG Aumento 50x45	619.97 5	C2	6.13	6.13	C2	6.5	12.72
N+7.4 4	B9	113	VG Aumento 50x45	665.55	C2	6.13	6.13	C2	6.5	9.86
N+7.4 4	B9	113	VG Aumento 50x45	711.12 5	C2	6.13	6.13	C9-3	6.5	6.5
N+7.4 4	B9	113	VG Aumento 50x45	756.7	C2	6.13	6.13	C2	6.13	6.13

N+7.4			VG Aumento	802.27							
4	B9	113	50x45	5	C2	6.13	6.13	C2	6.13	6.13	
N+7.4			VG Aumento								
4	B9	113	50x45	847.85	C2	6.5	9.8	C2	6.13	6.13	
N+7.4			VG Aumento	893.42							
4	B9	113	50x45	5	C2	6.5	17.23	C2	6.13	6.13	
N+7.4			VG Aumento	939.00							
4	B9	113	50x45	1	C2	6.5	25.96	C2	6.5	7.79	
N+7.4											
4	B10	104	VG 40X45	27.5	C9-3	2.59	2.59	C9-3	0.86	0.86	
N+7.4											
4	B10	104	VG 40X45	69.401	C9-3	1.38	1.38	C9	0.54	0.54	
N+7.4				111.30							
4	B10	104	VG 40X45	2	C9	0.54	0.54	C9	0.54	0.54	
N+7.4				153.20							
4	B10	104	VG 40X45	3	C9	0.54	0.54	C9	0.54	0.54	
N+7.4				195.10							
4	B10	104	VG 40X45	3	C9	1.44	1.44	C9	0.54	0.54	
N+7.4				237.00							
4	B10	104	VG 40X45	4	C9	2.74	2.74	C9	0.9	0.9	
N+7.4			VG NUEVA								
4	B11	5	40X45	27	C2	5.2	7.07	C2	3.04	3.04	
N+7.4			VG NUEVA								
4	B11	5	40X45	75.567	C9-2	5.2	5.2	C3	2.63	2.63	
N+7.4			VG NUEVA	124.13							
4	B11	5	40X45	3	C3	2.63	2.63	C3	2.63	2.63	
N+7.4			VG NUEVA								
4	B11	5	40X45	172.7	C3	2.63	2.63	C3	2.63	2.63	
N+7.4			VG NUEVA	221.26							
4	B11	5	40X45	7	C3	2.63	2.63	C3	4.04	4.04	
N+7.4			VG NUEVA	269.83							
4	B11	5	40X45	4	C3	2.63	2.63	C9-3	5.2	5.2	
N+7.4			VG NUEVA								
4	B11	5	40X45	318.4	C3	2.63	2.63	C3	5.2	5.41	
N+7.4			VG NUEVA	366.96							
4	B11	5	40X45	7	C3	2.63	2.63	C3	5.2	5.76	
N+7.4			VG NUEVA	415.53							
4	B11	5	40X45	4	C3	2.63	2.63	C3	5.2	5.54	
N+7.4			VG NUEVA								
4	B11	5	40X45	464.1	C3	2.63	2.63	C9-3	5.2	5.2	
N+7.4			VG NUEVA	512.66							
4	B11	5	40X45	7	C3	2.63	2.63	C2	4.57	4.57	
N+7.4			VG NUEVA	561.23							
4	B11	5	40X45	4	C3	2.63	2.63	C3	2.63	2.63	
N+7.4			VG NUEVA	609.80							
4	B11	5	40X45	1	C3	2.63	2.63	C3	2.63	2.63	
N+7.4			VG NUEVA	658.36							
4	B11	5	40X45	7	C3	4.75	4.75	C3	2.63	2.63	
N+7.4			VG NUEVA	706.93							
4	B11	5	40X45	4	C3	5.2	6.79	C3	2.63	2.63	
N+7.4			VG NUEVA	755.50							
4	B11	5	40X45	1	C3	5.2	10.45	C3	4.42	4.42	
N+7.4			VG NUEVA								
4	B12	7	40X45	25	C3	5.2	16.39	C9-3	5.2	5.2	
N+7.4			VG NUEVA								
4	B12	7	40X45	74.711	C2	5.2	11.09	C3	3.98	3.98	

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N+7.4 4	B12	7	VG NUEVA 40X45	124.42 1	C2	5.2	6.45	C3	3.98	3.98
N+7.4 4	B12	7	VG NUEVA 40X45	174.13 2	C3	3.98	3.98	C3	3.98	3.98
N+7.4 4	B12	7	VG NUEVA 40X45	223.84 3	C3	3.98	3.98	C3	3.98	3.98
N+7.4 4	B12	7	VG NUEVA 40X45	273.55 3	C3	3.98	3.98	C3	5.2	5.2
N+7.4 4	B12	7	VG NUEVA 40X45	323.26 4	C3	3.98	3.98	C3	5.2	6.36
N+7.4 4	B12	7	VG NUEVA 40X45	372.97 4	C3	3.98	3.98	C3	5.2	8.27
N+7.4 4	B12	7	VG NUEVA 40X45	422.68 5	C3	3.98	3.98	C3	5.2	9.59
N+7.4 4	B12	7	VG NUEVA 40X45	472.39 6	C3	3.98	3.98	C3	5.2	10.29
N+7.4 4	B12	7	VG NUEVA 40X45	522.10 6	C3	3.98	3.98	C3	5.2	10.34
N+7.4 4	B12	7	VG NUEVA 40X45	571.81 7	C3	3.98	3.98	C3	5.2	9.76
N+7.4 4	B12	7	VG NUEVA 40X45	621.52 8	C3	3.98	3.98	C3	5.2	8.54
N+7.4 4	B12	7	VG NUEVA 40X45	671.23 8	C3	3.98	3.98	C3	5.2	6.74
N+7.4 4	B12	7	VG NUEVA 40X45	720.94 9	C3	3.98	3.98	C9-3	5.2	5.2
N+7.4 4	B12	7	VG NUEVA 40X45	770.65 9	C3	3.98	3.98	C3	3.98	3.98
N+7.4 4	B12	7	VG NUEVA 40X45	820.37	C3	3.98	3.98	C3	3.98	3.98
N+7.4 4	B12	7	VG NUEVA 40X45	870.08 1	C2	5.2	5.6	C3	3.98	3.98
N+7.4 4	B12	7	VG NUEVA 40X45	919.79 1	C2	5.2	10.04	C3	3.98	3.98
N+7.4 4	B12	7	VG NUEVA 40X45	969.50 2	C3	5.2	15.08	C9-3	5.2	5.2
N+7.4 4	B13	105	VG 40X45	28	C9-2	5.2	5.2	C9-2	1.82	1.82
N+7.4 4	B13	105	VG 40X45	74.001	C9	3.38	3.38	C9-2	1.09	1.09
N+7.4 4	B13	105	VG 40X45	120.00 1	C3	1.75	1.75	C9-2	1.09	1.09
N+7.4 4	B13	105	VG 40X45	166.00 2	C9-2	1.09	1.09	C9-2	1.09	1.09
N+7.4 4	B13	105	VG 40X45	212.00 2	C9-1	0.81	0.81	C9-2	1.38	1.38
N+7.4 4	B14	106	VG Aumento 50x45	34	C9-1	6.5	14.03	C9-1	5.91	5.91
N+7.4 4	B14	106	VG Aumento 50x45	72.5	C9-1	6.5	10.35	C9	4.04	4.04
N+7.4 4	B14	106	VG Aumento 50x45	111	C9-3	6.5	7.24	C9	4.04	4.04
N+7.4 4	B14	106	VG Aumento 50x45	111	C9-3	6.5	9.77	C9	4.04	4.04
N+7.4 4	B14	106	VG Aumento 50x45	159.63 9	C9-3	6.5	6.5	C9	4.04	4.04

N+7.4			VG Aumento	208.27							
4	B14	106	50x45	8	C9	4.04	4.04	C9	4.04	4.04	
N+7.4			VG Aumento	256.91							
4	B14	106	50x45	7	C9	4.04	4.04	C9	4.04	4.04	
N+7.4			VG Aumento	305.55							
4	B14	106	50x45	6	C9	4.04	4.04	C9-2	6.5	6.5	
N+7.4			VG Aumento	354.19							
4	B14	106	50x45	5	C9	4.04	4.04	C9	6.5	6.6	
N+7.4			VG Aumento	402.83							
4	B14	106	50x45	4	C9	4.04	4.04	C2	6.5	7.86	
N+7.4			VG Aumento	451.47							
4	B14	106	50x45	3	C9	4.04	4.04	C2	6.5	8.88	
N+7.4			VG Aumento	500.11							
4	B14	106	50x45	2	C9	4.04	4.04	C2	6.5	9.35	
N+7.4			VG Aumento	548.75							
4	B14	106	50x45	1	C9	4.04	4.04	C2	6.5	9.26	
N+7.4			VG Aumento								
4	B14	106	50x45	597.39	C9	4.04	4.04	C2	6.5	8.62	
N+7.4			VG Aumento	646.02							
4	B14	106	50x45	9	C9	4.04	4.04	C2	6.5	7.44	
N+7.4			VG Aumento	694.66							
4	B14	106	50x45	8	C9	4.04	4.04	C9-3	6.5	6.5	
N+7.4			VG Aumento	743.30							
4	B14	106	50x45	7	C9	4.04	4.04	C9-3	5.46	5.46	
N+7.4			VG Aumento	791.94							
4	B14	106	50x45	6	C9	4.04	4.04	C9	4.04	4.04	
N+7.4			VG Aumento	840.58							
4	B14	106	50x45	5	C9	4.34	4.34	C9	4.04	4.04	
N+7.4			VG Aumento	889.22							
4	B14	106	50x45	4	C9	6.5	6.95	C9	4.04	4.04	
N+7.4			VG Aumento	937.86							
4	B14	106	50x45	3	C9	6.5	11.29	C9	4.04	4.04	
N+7.4			VG Aumento	986.50							
4	B14	106	50x45	2	C9	6.5	16.3	C9-2	6.5	6.5	
N+7.4			VG Aumento								
4	B17	21	50x45	34	C9-3	6.5	6.5	C9	6.5	6.5	
N+7.4			VG Aumento								
4	B17	21	50x45	71.747	C9-3	4.55	4.55	C9-2	6.5	6.5	
N+7.4			VG Aumento	109.49							
4	B17	21	50x45	4	C9	2.17	2.17	C9-2	6.5	6.5	
N+7.4			VG Aumento								
4	B17	21	50x45	147.24	C9	2.17	2.17	C9-2	6.5	6.5	
N+7.4			VG Aumento	184.98							
4	B17	21	50x45	7	C9	2.17	2.17	C9-2	6.5	6.5	
N+7.4			VG Aumento	184.98							
4	B17	21	50x45	7	C9	2.13	2.13	C9-2	6.5	6.5	
N+7.4			VG Aumento	228.70							
4	B17	21	50x45	3	C9	2.13	2.13	C9	4.93	4.93	
N+7.4			VG Aumento								
4	B17	21	50x45	272.42	C9	2.13	2.13	C2	2.9	2.9	
N+7.4			VG Aumento	316.13							
4	B17	21	50x45	6	C9	2.13	2.13	C9-3	2.55	2.55	
N+7.4			VG Aumento	359.85							
4	B17	21	50x45	2	C9	2.38	2.38	C9-3	2.49	2.49	
N+7.4			VG Aumento	403.56							
4	B17	21	50x45	8	C9	5.08	5.08	C9-3	2.32	2.32	

N+7.4			VG Aumento	447.28						
4	B17	21	50x45	5	C9-2	6.5	6.5	C9	2.13	2.13
N+7.4			VG Aumento	491.00						
4	B17	21	50x45	1	C9	6.5	8.29	C9	3.57	3.57
N+7.4			VG NUEVA							
4	B18	11	40X45	28	C9-3	5.2	6.78	C9-3	2.92	2.92
N+7.4			VG NUEVA							
4	B18	11	40X45	75.445	C9-3	4.92	4.92	C9	2.3	2.3
N+7.4			VG NUEVA							
4	B18	11	40X45	122.89	C9-3	1.74	1.74	C9	3.78	3.78
N+7.4			VG NUEVA	170.33						
4	B18	11	40X45	6	C9-3	1.74	1.74	C9	4.65	4.65
N+7.4			VG NUEVA	217.78						
4	B18	11	40X45	1	C9-3	1.74	1.74	C3	4.69	4.69
N+7.4			VG NUEVA	265.22						
4	B18	11	40X45	6	C9-3	1.74	1.74	C3	4.72	4.72
N+7.4			VG NUEVA	312.67						
4	B18	11	40X45	1	C9-3	1.74	1.74	C9-3	4.57	4.57
N+7.4			VG NUEVA	360.11						
4	B18	11	40X45	6	C9-3	1.74	1.74	C9-3	3.76	3.76
N+7.4			VG NUEVA	407.56						
4	B18	11	40X45	1	C9	4.55	4.55	C9-3	2.35	2.35
N+7.4			VG NUEVA	455.00						
4	B18	11	40X45	7	C9	5.2	6.42	C9	2.77	2.77
N+7.4			VG Aumento							
4	B2	107	50x45	34	C9-3	0.22	0.22	C9-3	0.07	0.07
N+7.4			VG Aumento							
4	B2	107	50x45	77.2	C9	2.89	2.89	C9	2.89	2.89
N+7.4			VG Aumento							
4	B2	107	50x45	120.4	C9	2.89	2.89	C9	2.89	2.89
N+7.4			VG Aumento							
4	B2	107	50x45	163.6	C9	2.89	2.89	C9	2.89	2.89
N+7.4			VG Aumento							
4	B2	107	50x45	206.8	C9	2.89	2.89	C9	2.89	2.89
N+7.4			VG Aumento							
4	B2	107	50x45	250	C9	2.89	2.89	C9	2.89	2.89
N+7.4			VG Aumento							
4	B2	107	50x45	250	C9-3	6.5	10.87	C9	4.93	4.93
N+7.4			VG Aumento	296.95						
4	B2	107	50x45	8	C9-3	6.5	8.84	C9	5.14	5.14
N+7.4			VG Aumento	343.91						
4	B2	107	50x45	7	C9-3	6.5	6.95	C9	5.22	5.22
N+7.4			VG Aumento	390.87						
4	B2	107	50x45	5	C9-3	6.5	6.5	C9	5.17	5.17
N+7.4			VG Aumento	437.83						
4	B2	107	50x45	3	C9-3	4.81	4.81	C9	4.97	4.97
N+7.4			VG Aumento	484.79						
4	B2	107	50x45	2	C9	2.89	2.89	C9	4.64	4.64
N+7.4			VG Aumento							
4	B2	107	50x45	531.75	C9	2.89	2.89	C9	4.18	4.18
N+7.4			VG Aumento	578.70						
4	B2	107	50x45	8	C9	2.89	2.89	C9	3.58	3.58
N+7.4			VG Aumento	625.66						
4	B2	107	50x45	7	C9	2.89	2.89	C9	2.89	2.89
N+7.4			VG Aumento	672.62						
4	B2	107	50x45	5	C9	2.89	2.89	C9-3	3.56	3.56

N+7.4 4	B2	107	VG Aumento 50x45	719.583	C9	2.89	2.89	C9-3	4.86	4.86
N+7.4 4	B2	107	VG Aumento 50x45	766.542	C9	2.89	2.89	C9-3	6.03	6.03
N+7.4 4	B2	107	VG Aumento 50x45	813.5	C9	2.89	2.89	C9-3	6.5	6.5
N+7.4 4	B2	107	VG Aumento 50x45	813.5	C9	2.89	2.89	C9-3	6.5	6.5
N+7.4 4	B2	107	VG Aumento 50x45	854.75	C9	4.33	4.33	C9-3	6.05	6.05
N+7.4 4	B2	107	VG Aumento 50x45	896	C9	6.5	6.5	C9-3	4.85	4.85
N+7.4 4	B2	107	VG Aumento 50x45	937.25	C9	6.5	8.4	C9-3	3.41	3.41
N+7.4 4	B2	107	VG Aumento 50x45	978.5	C9	6.5	11.4	C9	4.86	4.86
N+7.4 4	B3	108	VG Aumento 50x45	34	C9-3	6.5	9.77	C9-3	4.19	4.19
N+7.4 4	B3	108	VG Aumento 50x45	80	C9-3	6.5	6.5	C9	4.86	4.86
N+7.4 4	B3	108	VG Aumento 50x45	126	C9-3	3.7	3.7	C9	5.98	5.98
N+7.4 4	B3	108	VG Aumento 50x45	172	C9	2.71	2.71	C9	6.42	6.42
N+7.4 4	B3	108	VG Aumento 50x45	218	C9	2.71	2.71	C9	6.05	6.05
N+7.4 4	B3	108	VG Aumento 50x45	264	C9	2.71	2.71	C2	5.32	5.32
N+7.4 4	B3	108	VG Aumento 50x45	310	C9	2.71	2.71	C9-3	5.42	5.42
N+7.4 4	B3	108	VG Aumento 50x45	356	C9	2.71	2.71	C9-3	5.48	5.48
N+7.4 4	B3	108	VG Aumento 50x45	402	C9	4.29	4.29	C9-3	4.75	4.75
N+7.4 4	B3	108	VG Aumento 50x45	448	C9	6.5	6.68	C9-3	3.39	3.39
N+7.4 4	B3	108	VG Aumento 50x45	494	C9	6.5	10.66	C9	4.55	4.55
N+7.4 4	B19	109	VG Aumento 50x45	27.5	C9-3	6.5	8.64	C9	3.93	3.93
N+7.4 4	B19	109	VG Aumento 50x45	74.705	C9-3	6.5	6.5	C9	4.93	4.93
N+7.4 4	B19	109	VG Aumento 50x45	121.91	C9-3	3.01	3.01	C9	5.47	5.47
N+7.4 4	B19	109	VG Aumento 50x45	169.115	C9	2.24	2.24	C9	5.37	5.37
N+7.4 4	B19	109	VG Aumento 50x45	216.32	C9	2.24	2.24	C9	4.47	4.47
N+7.4 4	B19	109	VG Aumento 50x45	263.525	C9	2.24	2.24	C9-3	4.24	4.24
N+7.4 4	B19	109	VG Aumento 50x45	310.73	C9	2.24	2.24	C9-3	5.03	5.03
N+7.4 4	B19	109	VG Aumento 50x45	357.935	C9	3.06	3.06	C9-3	5.09	5.09
N+7.4 4	B19	109	VG Aumento 50x45	405.14	C9	6.5	6.5	C9-3	4.51	4.51

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N+7.4 4	B19	109	VG Aumento 50x45	452.34 5	C9	6.5	8.73	C9	3.76	3.76
N+7.4 4	B20	110	VG 40X45	28	C9-3	5.2	6.11	C9	4.26	4.26
N+7.4 4	B20	110	VG 40X45	74.8	C9-3	5.2	5.2	C9	4.55	4.55
N+7.4 4	B20	110	VG 40X45	121.6	C9-3	3.03	3.03	C9	4.58	4.58
N+7.4 4	B20	110	VG 40X45	168.4	C9	1.66	1.66	C9	4.25	4.25
N+7.4 4	B20	110	VG 40X45	215.2	C9	1.66	1.66	C9	3.53	3.53
N+7.4 4	B20	110	VG 40X45	262	C9	1.66	1.66	C9	2.45	2.45
N+7.4 4	B20	110	VG 40X45	308.8	C9	1.66	1.66	C9-3	2.62	2.62
N+7.4 4	B20	110	VG 40X45	355.6	C9	1.66	1.66	C9-3	3.11	3.11
N+7.4 4	B20	110	VG 40X45	402.4	C9	3.01	3.01	C9-3	3.21	3.21
N+7.4 4	B20	110	VG 40X45	449.2	C9	5.2	5.2	C9-3	2.97	2.97
N+7.4 4	B20	110	VG 40X45	496	C9	5.2	6.44	C9	2.78	2.78
N+7.4 4	B22	111	VG 40X45	27	C9-3	5.2	5.88	C9	3.71	3.71
N+7.4 4	B22	111	VG 40X45	74.112	C9-3	5.01	5.01	C9	3.74	3.74
N+7.4 4	B22	111	VG 40X45	121.22 4	C9-3	2.53	2.53	C9	3.5	3.5
N+7.4 4	B22	111	VG 40X45	168.33 6	C9	1.62	1.62	C9	2.9	2.9
N+7.4 4	B22	111	VG 40X45	215.44 9	C9	1.62	1.62	C9	1.93	1.93
N+7.4 4	B22	111	VG 40X45	262.56 1	C9	1.62	1.62	C9-3	2.56	2.56
N+7.4 4	B22	111	VG 40X45	309.67 3	C9	1.62	1.62	C9-3	3.55	3.55
N+7.4 4	B22	111	VG 40X45	356.78 5	C9	3.12	3.12	C9-3	4.17	4.17
N+7.4 4	B22	111	VG 40X45	403.89 7	C9	5.2	5.2	C9-3	4.44	4.44
N+7.4 4	B22	111	VG 40X45	451.00 9	C9	5.2	6.3	C9-3	4.45	4.45
N+7.4 4	B21	13	VG NUEVA 40X45	0	C9-1	5.2	7.36	C9-1	3.16	3.16
N+7.4 4	B21	13	VG NUEVA 40X45	45.136	C9-3	5.2	5.2	C9-2	2.17	2.17
N+7.4 4	B21	13	VG NUEVA 40X45	90.271	C9-1	4.19	4.19	C9-2	2.81	2.81
N+7.4 4	B21	13	VG NUEVA 40X45	135.40 7	C9-1	1.89	1.89	C9-2	3.18	3.18
N+7.4 4	B21	13	VG NUEVA 40X45	180.54 3	C9-1	1.89	1.89	C9-2	3.18	3.18
N+7.4 4	B21	13	VG NUEVA 40X45	225.67 8	C9-1	1.89	1.89	C9-2	2.74	2.74

N+7.4 4	B21	13	VG NUEVA 40X45	270.81 4	C9-1	1.89	1.89	C9-1	2.57	2.57
N+7.4 4	B21	13	VG NUEVA 40X45	315.95	C9-1	1.89	1.89	C9-1	3.07	3.07
N+7.4 4	B21	13	VG NUEVA 40X45	361.08 5	C9-1	1.89	1.89	C9-1	3.17	3.17
N+7.4 4	B21	13	VG NUEVA 40X45	406.22 1	C9-2	3.67	3.67	C9-1	2.93	2.93
N+7.4 4	B21	13	VG NUEVA 40X45	451.35 7	C9-2	5.2	5.2	C9-1	2.46	2.46
N+7.4 4	B24	101	VG 40X45	28	C9-3	0.18	0.18	C9	0.07	0.07
N+7.4 4	B24	101	VG 40X45	73	C9	1.03	1.03	C9	1.03	1.03
N+7.4 4	B24	101	VG 40X45	118	C9	1.03	1.03	C9	1.03	1.03
N+7.4 4	B24	101	VG 40X45	163	C9	1.03	1.03	C9	1.03	1.03
N+7.4 4	B24	101	VG 40X45	163	C2	3.42	3.42	C9	1.03	1.03
N+7.4 4	B24	101	VG 40X45	209.1	C2	1.53	1.53	C9	1.03	1.03
N+7.4 4	B24	101	VG 40X45	255.2	C9	1.03	1.03	C9	1.03	1.03
N+7.4 4	B24	101	VG 40X45	301.3	C9	1.03	1.03	C9	1.03	1.03
N+7.4 4	B24	101	VG 40X45	347.4	C9	1.03	1.03	C2	1.55	1.55
N+7.4 4	B24	101	VG 40X45	393.5	C9	1.03	1.03	C2	1.74	1.74
N+7.4 4	B24	101	VG 40X45	439.6	C9	1.03	1.03	C2	1.52	1.52
N+7.4 4	B24	101	VG 40X45	485.7	C9	1.03	1.03	C9	1.03	1.03
N+7.4 4	B24	101	VG 40X45	531.8	C9	1.03	1.03	C9	1.03	1.03
N+7.4 4	B24	101	VG 40X45	577.9	C2	1.6	1.6	C9	1.03	1.03
N+7.4 4	B24	101	VG 40X45	624	C2	3.3	3.3	C9	1.03	1.03
N+7.4 4	B24	101	VG 40X45	624	C9-3	5.2	6.93	C9	1.03	1.03
N+7.4 4	B24	101	VG 40X45	672.88 9	C9-3	5.2	5.2	C9	1.7	1.7
N+7.4 4	B24	101	VG 40X45	721.77 8	C9-3	3.66	3.66	C9	2.16	2.16
N+7.4 4	B24	101	VG 40X45	770.66 7	C9-3	1.48	1.48	C9	2.25	2.25
N+7.4 4	B24	101	VG 40X45	819.55 6	C9	1.03	1.03	C9	1.96	1.96
N+7.4 4	B24	101	VG 40X45	868.44 4	C9	1.03	1.03	C2	1.71	1.71
N+7.4 4	B24	101	VG 40X45	917.33 3	C9	1.03	1.03	C9-3	2.67	2.67
N+7.4 4	B24	101	VG 40X45	966.22 2	C9	1.18	1.18	C9-3	3.3	3.3

N+7.4 4	B24	101	VG 40X45	1015.11	C9	3.02	3.02	C9-3	3.55	3.55
N+7.4 4	B24	101	VG 40X45	1064	C9	5.2	5.2	C9-3	3.44	3.44
N+7.4 4	B25	112	VG Aumento 50x45	34	C2	6.5	16.89	C9-3	6.5	6.5
N+7.4 4	B25	112	VG Aumento 50x45	84	C2	6.5	11.56	C2	4.98	4.98
N+7.4 4	B25	112	VG Aumento 50x45	134.00 1	C9-3	6.5	7	C2	4.98	4.98
N+7.4 4	B25	112	VG Aumento 50x45	184.00 1	C2	4.98	4.98	C2	4.98	4.98
N+7.4 4	B25	112	VG Aumento 50x45	234.00 1	C2	4.98	4.98	C2	4.98	4.98
N+7.4 4	B25	112	VG Aumento 50x45	284.00 2	C2	4.98	4.98	C9	5.23	5.23
N+7.4 4	B25	112	VG Aumento 50x45	334.00 2	C2	4.98	4.98	C2	6.5	6.74
N+7.4 4	B25	112	VG Aumento 50x45	384.00 2	C2	4.98	4.98	C2	6.5	9.34
N+7.4 4	B25	112	VG Aumento 50x45	434.00 3	C2	4.98	4.98	C2	6.5	11.62
N+7.4 4	B25	112	VG Aumento 50x45	484.00 3	C2	4.98	4.98	C2	6.5	13.67
N+7.4 4	B25	112	VG Aumento 50x45	484.00 3	C2	4.98	4.98	C2	6.5	13.67
N+7.4 4	B25	112	VG Aumento 50x45	534.00 4	C2	4.98	4.98	C2	6.5	12.61
N+7.4 4	B25	112	VG Aumento 50x45	584.00 4	C2	4.98	4.98	C2	6.5	11.16
N+7.4 4	B25	112	VG Aumento 50x45	634.00 4	C2	4.98	4.98	C2	6.5	9.1
N+7.4 4	B25	112	VG Aumento 50x45	684.00 5	C2	4.98	4.98	C9-3	6.5	6.5
N+7.4 4	B25	112	VG Aumento 50x45	734.00 5	C2	4.98	4.98	C2	4.98	4.98
N+7.4 4	B25	112	VG Aumento 50x45	784.00 5	C2	4.98	4.98	C2	4.98	4.98
N+7.4 4	B25	112	VG Aumento 50x45	834.00 6	C9	6.5	6.77	C2	4.98	4.98
N+7.4 4	B25	112	VG Aumento 50x45	884.00 6	C2	6.5	13.04	C2	4.98	4.98
N+7.4 4	B25	112	VG Aumento 50x45	934.00 6	C2	6.5	20.54	C9-3	6.5	6.5
N+7.4 4	B53	58	VG 40X45	0	C9-3	5.2	6.64	C9-3	2.86	2.86
N+7.4 4	B53	58	VG 40X45	32	C9-3	5.2	5.2	C9-3	1.71	1.71
N+7.4 4	B53	58	VG 40X45	32	C9-3	5.2	5.2	C9-3	1.71	1.71
N+7.4 4	B53	58	VG 40X45	79.356	C9-3	3.3	3.3	C9-3	1.71	1.71
N+7.4 4	B53	58	VG 40X45	126.71 2	C9-3	1.71	1.71	C9-3	1.71	1.71
N+7.4 4	B53	58	VG 40X45	174.06 9	C9-3	1.71	1.71	C9-3	1.94	1.94

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N+7.44	B53	58	VG 40X45	221.425	C9-3	1.71	1.71	C9-3	4.11	4.11
N+7.44	B53	58	VG 40X45	268.781	C9	1.45	1.45	C9-3	5.2	5.2
N+7.44	B52	59	VG 40X45	0	C9-3	3.89	3.89	C9	4.31	4.31
N+7.44	B52	59	VG 40X45	47.603	C9	1.64	1.64	C9	2.32	2.32
N+7.44	B52	59	VG 40X45	95.207	C9	1.64	1.64	C9	1.64	1.64
N+7.44	B52	59	VG 40X45	142.81	C9	2.29	2.29	C9-3	2.7	2.7
N+7.44	B52	59	VG 40X45	190.414	C9	5.19	5.19	C9-3	4.29	4.29
N+7.44	B52	59	VG 40X45	238.017	C9	5.2	6.35	C9-3	5.2	5.2
N+7.44	B44	74	VG 20X45	0	C9-2	2.49	2.49	C9-1	2.11	2.11
N+7.44	B44	74	VG 20X45	44.464	C9-2	1.17	1.17	C9-1	1.35	1.35
N+7.44	B44	74	VG 20X45	88.928	C9-2	0.49	0.49	C9-2	0.49	0.49
N+7.44	B44	74	VG 20X45	133.392	C9	0.87	0.87	C9-3	0.79	0.79
N+7.44	B44	74	VG 20X45	177.856	C9-1	2.4	2.4	C9-2	1.24	1.24
N+7.44	B44	74	VG 20X45	177.856	C9-1	1.31	1.31	C9-2	0.49	0.49
N+7.44	B44	74	VG 20X45	224.456	C9-1	0.55	0.55	C9-2	0.69	0.69
N+7.44	B44	74	VG 20X45	271.056	C9-2	0.49	0.49	C9-2	0.73	0.73
N+7.44	B44	74	VG 20X45	317.656	C9-2	0.49	0.49	C9-2	0.49	0.49
N+7.44	B44	74	VG 20X45	364.256	C9-2	0.49	0.49	C9-2	0.49	0.49
N+7.44	B44	74	VG 20X45	410.856	C9	1.27	1.27	C9-2	0.49	0.49
N+7.44	B44	74	VG 20X45	410.856	C9-3	1.98	1.98	C9-2	0.49	0.49
N+7.44	B44	74	VG 20X45	453.256	C9-3	0.73	0.73	C9-2	0.49	0.49
N+7.44	B44	74	VG 20X45	495.657	C9-2	0.49	0.49	C9-2	0.49	0.49
N+7.44	B44	74	VG 20X45	538.057	C9-2	0.49	0.49	C9-3	0.69	0.69
N+7.44	B44	74	VG 20X45	580.457	C9-2	0.49	0.49	C9-3	0.86	0.86
N+7.44	B44	74	VG 20X45	622.857	C9	0.94	0.94	C9-3	0.8	0.8
N+7.44	B23	84	VG 40X45	0	C9-2	5.2	8.52	C9-2	3.64	3.64
N+7.44	B23	84	VG 40X45	25	C9-2	5.2	10.82	C9-2	2.17	2.17
N+7.44	B23	84	VG 40X45	25	C9-2	2.17	2.17	C9-2	2.17	2.17

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N+7.44	B23	84	VG 40X45	68.167	C9-2	2.17	2.17	C9-2	2.17	2.17
N+7.44	B23	84	VG 40X45	111.333	C9-2	2.17	2.17	C9-2	2.17	2.17
N+7.44	B23	84	VG 40X45	154.5	C9-2	2.17	2.17	C9-2	2.17	2.17
N+7.44	B23	84	VG 40X45	197.667	C9-2	2.17	2.17	C9-2	2.17	2.17
N+7.44	B23	84	VG 40X45	240.833	C9-2	2.17	2.17	C9-2	2.17	2.17
N+7.44	B23	84	VG 40X45	284	C9-2	2.17	2.17	C9-2	2.17	2.17
N+7.44	B23	84	VG 40X45	284	C9-2	2.17	2.17	C9-2	2.17	2.17
N+7.44	B23	84	VG 40X45	285	C9-2	2.17	2.17	C9-2	2.17	2.17
N+7.44	B23	84	VG 40X45	285	C9-2	2.17	2.17	C9-2	2.17	2.17
N+7.44	B23	84	VG 40X45	321	C9-2	0.02	0.02	C9-1	0.07	0.07
N+7.44	B34	85	VG 40X45	0	C9-3	2.77	2.77	C9	2.54	2.54
N+7.44	B34	85	VG 40X45	41	C9-3	1.71	1.71	C9	1.93	1.93
N+7.44	B34	85	VG 40X45	41	C9-3	1.71	1.71	C9	1.93	1.93
N+7.44	B34	85	VG 40X45	91	C9	0.62	0.62	C9	1.04	1.04
N+7.44	B34	85	VG 40X45	141	C9	0.62	0.62	C9	0.62	0.62
N+7.44	B34	85	VG 40X45	191	C9-2	1.11	1.11	C9-1	1.35	1.35
N+7.44	B34	85	VG 40X45	241	C9	2.33	2.33	C9-3	2.09	2.09
N+7.44	B34	85	VG 40X45	241	C9	2.33	2.33	C9-3	2.1	2.1
N+7.44	B34	85	VG 40X45	267.665	C9	3.16	3.16	C9-3	2.37	2.37
N+7.44	B6	87	VG 40X45	0	C9	0.04	0.04	C9	0.01	0.01
N+7.44	B6	87	VG 40X45	43	C9	0.01	0.01	C9-3	0.04	0.04
N+7.44	B6	87	VG 40X45	86	C9	0.07	0.07	C9	0.02	0.02
N+7.44	B29	82	VG 40X45	0	C9-1	0.21	0.21	C9-1	0.07	0.07
N+7.44	B29	82	VG 40X45	46.667	C9-2	2.18	2.18	C9-2	2.18	2.18
N+7.44	B29	82	VG 40X45	93.333	C9-2	2.18	2.18	C9-2	2.18	2.18
N+7.44	B29	82	VG 40X45	140	C9-2	2.18	2.18	C9-2	2.18	2.18
N+7.44	B29	82	VG 40X45	140	C9-1	5.2	10.69	C9-2	2.18	2.18
N+7.44	B29	82	VG 40X45	187.875	C9-1	5.2	7.64	C9-2	2.18	2.18

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N+7.4 4	B29	82	VG 40X45	235.75	C9-3	5.2	5.2	C9-2	2.18	2.18
N+7.4 4	B29	82	VG 40X45	283.62 5	C9-1	3.77	3.77	C9-2	2.18	2.18
N+7.4 4	B29	82	VG 40X45	331.5	C9-2	2.18	2.18	C9-2	3.1	3.1
N+7.4 4	B29	82	VG 40X45	379.37 5	C9-2	2.18	2.18	C9-2	4.12	4.12
N+7.4 4	B29	82	VG 40X45	427.25	C9-2	2.18	2.18	C9-2	4.74	4.74
N+7.4 4	B29	82	VG 40X45	475.12 5	C9-2	2.18	2.18	C9-2	4.94	4.94
N+7.4 4	B29	82	VG 40X45	523	C9-2	2.18	2.18	C2	4.97	4.97
N+7.4 4	B29	82	VG 40X45	570.87 6	C9-2	2.18	2.18	C2	4.87	4.87
N+7.4 4	B29	82	VG 40X45	618.75 1	C9-2	2.18	2.18	C9-1	4.88	4.88
N+7.4 4	B29	82	VG 40X45	666.62 6	C9-2	2.18	2.18	C9-1	4.49	4.49
N+7.4 4	B29	82	VG 40X45	714.50 1	C9-2	2.18	2.18	C9-1	3.7	3.7
N+7.4 4	B29	82	VG 40X45	762.37 6	C9-2	2.31	2.31	C9-1	2.51	2.51
N+7.4 4	B29	82	VG 40X45	810.25 1	C9-2	4.96	4.96	C9-2	2.18	2.18
N+7.4 4	B29	82	VG 40X45	858.12 6	C9-2	5.2	6.02	C9-2	2.18	2.18
N+7.4 4	B29	82	VG 40X45	906.00 1	C9-2	5.2	8.57	C9-2	3.66	3.66
N+7.4 4	B28	32	VG 40X45	28	C1	5.2	591506. 77	C1	5.2	591506. 75
N+7.4 4	B28	32	VG 40X45	77.334	C1	5.2	591506. 73	C1	5.2	591506. 87
N+7.4 4	B28	32	VG 40X45	126.66 7	C1	5.2	591506. 73	C1	5.2	591506. 8
N+7.4 4	B28	32	VG 40X45	176.00 1	C1	5.2	591506. 95	C1	5.2	591506. 73
N+7.4 4	B28	32	VG 40X45	176.00 1	C1	5.2	798837. 01	C1	5.2	798837. 09
N+7.4 4	B28	32	VG 40X45	221.66 7	C1	5.2	798837. 04	C1	5.2	798837. 01
N+7.4 4	B28	32	VG 40X45	267.33 4	C1	5.2	798837. 06	C1	5.2	798837. 01
N+7.4 4	B28	32	VG 40X45	313	C1	5.2	798837. 02	C1	5.2	798837. 03
N+7.4 4	B31	67	VG 40X45	0	C11	5.2	5.2	C11	5.2	5.2
N+7.4 4	B31	67	VG 40X45	44.001	C11	5.2	5.2	C11	5.2	5.2
N+7.4 4	B31	67	VG 40X45	88.001	C11	5.2	5.2	C11	5.2	5.2
N+7.4 4	B31	67	VG 40X45	132.00 2	C11	5.2	5.2	C11	5.2	5.2
N+7.4 4	B31	67	VG 40X45	176.00 2	C11	5.2	5.2	C11	5.2	5.2

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N+7.4 4	B31	67	VG 40X45	220.003	C11	5.2	5.2	C11	5.2	5.2
N+7.4 4	B31	67	VG 40X45	264.004	C11	5.2	5.2	C11	5.2	5.2
N+7.4 4	B31	67	VG 40X45	308.004	C11	5.2	5.2	C11	5.2	5.2
N+7.4 4	B32	69	VG 40X45	0	C9-3	5.2	5.39	C11	5.2	5.2
N+7.4 4	B32	69	VG 40X45	49.667	C11	5.2	5.2	C11	5.2	5.2
N+7.4 4	B32	69	VG 40X45	99.333	C11	5.2	5.2	C11	5.2	5.2
N+7.4 4	B32	69	VG 40X45	149	C11	5.2	5.2	C11	5.2	5.2
N+7.4 4	B32	69	VG 40X45	198.667	C11	5.2	5.2	C11	5.2	5.2
N+7.4 4	B32	69	VG 40X45	248.333	C11	5.2	5.2	C11	5.2	5.2
N+7.4 4	B32	69	VG 40X45	298	C11	5.2	5.2	C11	5.2	5.2
N+7.4 4	B32	69	VG 40X45	347.667	C11	5.2	5.2	C11	5.2	5.2
N+7.4 4	B32	69	VG 40X45	397.333	C11	5.2	5.2	C11	5.2	5.2
N+7.4 4	B32	69	VG 40X45	447	C11	5.2	5.2	C11	5.2	5.2
N+7.4 4	B35	70	VG Aumento 50x45	0	C9-3	6.5	14	C9	6.5	13.41
N+7.4 4	B35	70	VG Aumento 50x45	45.625	C9-3	6.5	8.18	C9	6.5	9.49
N+7.4 4	B35	70	VG Aumento 50x45	91.25	C11	6.5	6.5	C11	6.5	6.5
N+7.4 4	B35	70	VG Aumento 50x45	136.875	C11	6.5	6.5	C11	6.5	6.5
N+7.4 4	B35	70	VG Aumento 50x45	182.5	C11	6.5	6.5	C11	6.5	6.5
N+7.4 4	B35	70	VG Aumento 50x45	182.5	C11	6.5	6.5	C11	6.5	6.5
N+7.4 4	B35	70	VG Aumento 50x45	199	C11	6.5	6.5	C9-3	6.5	6.96
N+7.4 4	B35	70	VG Aumento 50x45	199	C11	6.5	6.5	C9-3	6.5	6.61
N+7.4 4	B35	70	VG Aumento 50x45	242.15	C9	6.5	11.95	C9-3	6.5	9.17
N+7.4 4	B35	70	VG Aumento 50x45	285.3	C9	6.5	19.66	C9-3	6.5	11.64
N+7.4 4	B35	70	VG Aumento 50x45	285.3	C11	6.5	6.5	C11	6.5	6.5
N+7.4 4	B35	70	VG Aumento 50x45	311.3	C11	6.5	6.5	C11	6.5	6.5
N+7.4 4	B36	88	VG 40X45	0	C11	5.2	5.2	C11	5.2	5.2
N+7.4 4	B36	88	VG 40X45	41.85	C11	5.2	5.2	C11	5.2	5.2
N+7.4 4	B36	88	VG 40X45	83.7	C11	5.2	5.2	C11	5.2	5.2

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N+7.4										
4	B36	88	VG 40X45	83.7	C11	5.2	5.2	C11	5.2	5.2
N+7.4				125.46						
4	B36	88	VG 40X45	7	C11	5.2	5.2	C11	5.2	5.2
N+7.4				167.23						
4	B36	88	VG 40X45	3	C11	5.2	5.2	C11	5.2	5.2
N+7.4										
4	B36	88	VG 40X45	209	C11	5.2	5.2	C11	5.2	5.2
N+7.4			VG Aumento							
4	B37	76	50x45	27.5	C9-1	6.5	14.21	C9-2	6.5	9.8
N+7.4			VG Aumento							
4	B37	76	50x45	70.376	C9-1	6.5	6.57	C11	6.5	6.5
N+7.4			VG Aumento	113.25						
4	B37	76	50x45	2	C11	6.5	6.5	C11	6.5	6.5
N+7.4			VG Aumento	156.12						
4	B37	76	50x45	7	C11	6.5	6.5	C11	6.5	6.5
N+7.4			VG Aumento	199.00						
4	B37	76	50x45	3	C9-2	6.5	12.52	C9-1	6.5	12.86
N+7.4			VG Aumento	199.00						
4	B37	76	50x45	3	C9-2	6.5	12.23	C9-1	6.5	12.57
N+7.4			VG Aumento	227.00						
4	B37	76	50x45	4	C9-2	6.5	17.63	C9-1	6.5	17.23
N+7.4										
4	B38	90	VG 40X45	0	C11	5.2	5.2	C11	5.2	5.2
N+7.4										
4	B38	90	VG 40X45	30	C11	5.2	5.2	C11	5.2	5.2
N+7.4										
4	B38	90	VG 40X45	60.001	C11	5.2	5.2	C11	5.2	5.2
N+7.4										
4	B38	90	VG 40X45	60.001	C11	5.2	5.2	C11	5.2	5.2
N+7.4										
4	B38	90	VG 40X45	61.001	C11	5.2	5.2	C11	5.2	5.2
N+7.4										
4	B38	90	VG 40X45	61.001	C11	5.2	5.2	C11	5.2	5.2
N+7.4										
4	B38	90	VG 40X45	85.005	C11	5.2	5.2	C11	5.2	5.2
N+7.4										
4	B38	90	VG 40X45	85.005	C11	5.2	5.2	C11	5.2	5.2
N+7.4				126.50						
4	B38	90	VG 40X45	4	C11	5.2	5.2	C11	5.2	5.2
N+7.4				168.00						
4	B38	90	VG 40X45	3	C11	5.2	5.2	C11	5.2	5.2
N+7.4				168.00						
4	B38	90	VG 40X45	3	C11	5.2	5.2	C11	5.2	5.2
N+7.4				217.50						
4	B38	90	VG 40X45	4	C11	5.2	5.2	C11	5.2	5.2
N+7.4				267.00						
4	B38	90	VG 40X45	5	C11	5.2	5.2	C11	5.2	5.2
N			VG Aumento							
+4.07	B1	17	55x60	34	C9-3	9.9	25.81	C9-3	9.9	9.9
N			VG Aumento							
+4.07	B1	17	55x60	76.333	C9-3	9.9	17.44	C9-3	6.38	6.38
N			VG Aumento	118.66						
+4.07	B1	17	55x60	7	C9-3	9.9	9.9	C9-3	6.38	6.38
N			VG Aumento							
+4.07	B1	17	55x60	161	C9-3	6.38	6.38	C9-3	6.38	6.38

N +4.07	B1	17	VG Aumento 55x60	161	C9-3	6.38	6.38	C9-3	6.38	6.38
N +4.07	B1	17	VG Aumento 55x60	210.94 4	C9-3	6.38	6.38	C9-3	6.38	6.38
N +4.07	B1	17	VG Aumento 55x60	260.88 9	C9-3	6.38	6.38	C9	9.49	9.49
N +4.07	B1	17	VG Aumento 55x60	310.83 3	C9-3	6.38	6.38	C9-2	9.9	9.9
N +4.07	B1	17	VG Aumento 55x60	360.77 8	C9-3	6.38	6.38	C2	9.9	11.18
N +4.07	B1	17	VG Aumento 55x60	410.72 2	C9-3	6.38	6.38	C2	9.9	13.12
N +4.07	B1	17	VG Aumento 55x60	460.66 7	C9-3	6.38	6.38	C2	9.9	14.52
N +4.07	B1	17	VG Aumento 55x60	510.61 1	C9-3	6.38	6.38	C2	9.9	15.26
N +4.07	B1	17	VG Aumento 55x60	560.55 6	C9-3	6.38	6.38	C2	9.9	15.24
N +4.07	B1	17	VG Aumento 55x60	610.5	C9-3	6.38	6.38	C2	9.9	14.38
N +4.07	B1	17	VG Aumento 55x60	660.44 5	C9-3	6.38	6.38	C2	9.9	12.61
N +4.07	B1	17	VG Aumento 55x60	710.38 9	C9-3	6.38	6.38	C2	9.9	9.99
N +4.07	B1	17	VG Aumento 55x60	760.33 4	C9-3	6.38	6.38	C9-3	9.65	9.65
N +4.07	B1	17	VG Aumento 55x60	810.27 8	C9-3	6.38	6.38	C9-3	6.38	6.38
N +4.07	B1	17	VG Aumento 55x60	860.22 3	C9-3	6.38	6.38	C9-3	6.38	6.38
N +4.07	B1	17	VG Aumento 55x60	910.16 7	C9	9.9	9.9	C9-3	6.38	6.38
N +4.07	B1	17	VG Aumento 55x60	960.11 2	C9	9.9	13.31	C9-3	6.38	6.38
N +4.07	B1	17	VG Aumento 55x60	1010.0 56	C9	9.9	19.24	C9-3	6.38	6.38
N +4.07	B1	17	VG Aumento 55x60	1060	C9	9.9	25.76	C9-2	9.9	9.9
N +4.07	B4	31	VG Aumento 55x60	34	C2	9.9	28.12	C9-3	9.9	9.9
N +4.07	B4	31	VG Aumento 55x60	79.35	C9-3	9.9	20.69	C2	6.89	6.89
N +4.07	B4	31	VG Aumento 55x60	124.7	C9-3	9.9	14.37	C2	6.89	6.89
N +4.07	B4	31	VG Aumento 55x60	170.05	C9-3	9.9	9.9	C2	6.89	6.89
N +4.07	B4	31	VG Aumento 55x60	215.4	C2	6.89	6.89	C2	6.89	6.89
N +4.07	B4	31	VG Aumento 55x60	260.75	C2	6.89	6.89	C2	6.89	6.89
N +4.07	B4	31	VG Aumento 55x60	306.1	C2	6.89	6.89	C9-2	9.9	9.9
N +4.07	B4	31	VG Aumento 55x60	351.45	C2	6.89	6.89	C2	9.9	13.49
N +4.07	B4	31	VG Aumento 55x60	396.8	C2	6.89	6.89	C2	9.9	18.16

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N			VG Aumento								
+4.07	B4	31	55x60	442.15	C2	6.89	6.89	C2	9.9	22.75	
N			VG Aumento	487.50							
+4.07	B4	31	55x60	1	C2	6.89	6.89	C2	9.9	27.33	
N			VG Aumento	487.50							
+4.07	B4	31	55x60	1	C2	6.89	6.89	C2	9.9	27.33	
N			VG Aumento	537.33							
+4.07	B4	31	55x60	4	C2	6.89	6.89	C2	9.9	22.99	
N			VG Aumento	587.16							
+4.07	B4	31	55x60	7	C2	6.89	6.89	C2	9.9	18.52	
N			VG Aumento	637.00							
+4.07	B4	31	55x60	1	C2	6.89	6.89	C2	9.9	13.8	
N			VG Aumento	686.83							
+4.07	B4	31	55x60	4	C2	6.89	6.89	C9-3	9.9	9.9	
N			VG Aumento	736.66							
+4.07	B4	31	55x60	7	C2	6.89	6.89	C2	6.89	6.89	
N			VG Aumento	786.50							
+4.07	B4	31	55x60	1	C2	6.89	6.89	C2	6.89	6.89	
N			VG Aumento	836.33							
+4.07	B4	31	55x60	4	C9	9.9	11.16	C2	6.89	6.89	
N			VG Aumento	886.16							
+4.07	B4	31	55x60	7	C9	9.9	18.03	C2	6.89	6.89	
N			VG Aumento	936.00							
+4.07	B4	31	55x60	1	C2	9.9	25.9	C9-2	9.9	9.9	
N											
+4.07	B7	34	VG40X50	34	C9-3	5.87	5.87	C9-3	2.54	2.54	
N											
+4.07	B7	34	VG40X50	74.6	C9-3	5.18	5.18	C9-3	1.52	1.52	
N											
+4.07	B7	34	VG40X50	115.2	C9-3	2.83	2.83	C9-3	1.52	1.52	
N											
+4.07	B7	34	VG40X50	155.8	C9	2.16	2.16	C9-3	1.52	1.52	
N											
+4.07	B7	34	VG40X50	196.4	C9	2.8	2.8	C9-3	1.52	1.52	
N											
+4.07	B7	34	VG40X50	237	C9	3.66	3.66	C9-3	2.47	2.47	
N			VG Aumento								
+4.07	B9	54	40x60	28	C2	7.2	26.45	C2	7.2	8.01	
N			VG Aumento								
+4.07	B9	54	40x60	73.525	C2	7.2	17.8	C2	6.31	6.31	
N			VG Aumento								
+4.07	B9	54	40x60	119.05	C2	7.2	10.28	C2	6.31	6.31	
N			VG Aumento	164.57							
+4.07	B9	54	40x60	5	C2	6.31	6.31	C2	6.31	6.31	
N			VG Aumento								
+4.07	B9	54	40x60	210.1	C2	6.31	6.31	C2	6.31	6.31	
N			VG Aumento	255.62							
+4.07	B9	54	40x60	5	C2	6.31	6.31	C9-3	7.2	7.2	
N			VG Aumento								
+4.07	B9	54	40x60	301.15	C2	6.31	6.31	C2	7.2	10.76	
N			VG Aumento	346.67							
+4.07	B9	54	40x60	5	C2	6.31	6.31	C2	7.2	14.23	
N			VG Aumento								
+4.07	B9	54	40x60	392.2	C2	6.31	6.31	C2	7.2	17.02	
N			VG Aumento	437.72							
+4.07	B9	54	40x60	5	C2	6.31	6.31	C2	7.2	19.13	

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N			VG Aumento								
+4.07	B9	54	40x60	483.25	C2	6.31	6.31	C2	7.2	20.63
N			VG Aumento								
+4.07	B9	54	40x60	483.25	C2	6.31	6.31	C2	7.2	20.63
N			VG Aumento	528.92							
+4.07	B9	54	40x60	5	C2	6.31	6.31	C2	7.2	18.94
N			VG Aumento								
+4.07	B9	54	40x60	574.6	C2	6.31	6.31	C2	7.2	16.66
N			VG Aumento	620.27							
+4.07	B9	54	40x60	5	C2	6.31	6.31	C2	7.2	13.77
N			VG Aumento								
+4.07	B9	54	40x60	665.95	C2	6.31	6.31	C2	7.2	10.27
N			VG Aumento	711.62							
+4.07	B9	54	40x60	5	C2	6.31	6.31	C9-3	7.2	7.2
N			VG Aumento								
+4.07	B9	54	40x60	757.3	C2	6.31	6.31	C2	6.31	6.31
N			VG Aumento	802.97							
+4.07	B9	54	40x60	5	C2	6.31	6.31	C2	6.31	6.31
N			VG Aumento								
+4.07	B9	54	40x60	848.65	C2	7.2	9.97	C2	6.31	6.31
N			VG Aumento	894.32							
+4.07	B9	54	40x60	5	C2	7.2	17.06	C2	6.31	6.31
N			VG Aumento	940.00							
+4.07	B9	54	40x60	1	C2	7.2	25.13	C2	7.2	7.66
N											
+4.07	B10	37	VG40X50	26.5	C9-3	5.87	5.95	C9-3	2.58	2.58
N											
+4.07	B10	37	VG40X50	68.701	C2	5.22	5.22	C9-3	1.54	1.54
N				110.90							
+4.07	B10	37	VG40X50	2	C2	3.15	3.15	C9-3	1.54	1.54
N				153.10							
+4.07	B10	37	VG40X50	3	C9	1.86	1.86	C9-3	1.54	1.54
N				195.30							
+4.07	B10	37	VG40X50	3	C9	1.76	1.76	C9-3	1.54	1.54
N				237.50							
+4.07	B10	37	VG40X50	4	C9	2.01	2.01	C9-3	1.12	1.12
N											
+4.07	B11	38	VG40X50	28	C2	5.87	8.8	C2	3.77	3.77
N											
+4.07	B11	38	VG40X50	76.4	C9-3	5.87	5.87	C2	3	3
N											
+4.07	B11	38	VG40X50	124.8	C2	3	3	C2	3	3
N											
+4.07	B11	38	VG40X50	173.2	C2	3	3	C2	3	3
N											
+4.07	B11	38	VG40X50	221.6	C2	3	3	C2	4.45	4.45
N											
+4.07	B11	38	VG40X50	270	C2	3	3	C9-3	5.87	5.87
N											
+4.07	B11	38	VG40X50	318.4	C2	3	3	C2	5.87	6.3
N											
+4.07	B11	38	VG40X50	366.8	C2	3	3	C2	5.87	6.78
N											
+4.07	B11	38	VG40X50	415.2	C2	3	3	C2	5.87	6.58
N											
+4.07	B11	38	VG40X50	463.6	C2	3	3	C9-3	5.87	5.87

N											
+4.07	B11	38	VG40X50	512	C2	3	3	C2	5.56	5.56	
N											
+4.07	B11	38	VG40X50	560.4	C2	3	3	C2	3	3	
N				608.80							
+4.07	B11	38	VG40X50	1	C2	3	3	C2	3	3	
N				657.20							
+4.07	B11	38	VG40X50	1	C2	5.2	5.2	C2	3	3	
N				705.60							
+4.07	B11	38	VG40X50	1	C2	5.87	7.67	C2	3	3	
N				754.00							
+4.07	B11	38	VG40X50	1	C2	5.87	11.92	C2	5.04	5.04	
N			VG Aumento								
+4.07	B12	39	50x50	26.5	C2	7.33	19.23	C2	7.33	7.33	
N			VG Aumento								
+4.07	B12	39	50x50	75.342	C2	7.33	13.1	C2	4.75	4.75	
N			VG Aumento	124.18							
+4.07	B12	39	50x50	4	C2	7.33	7.64	C2	4.75	4.75	
N			VG Aumento	173.02							
+4.07	B12	39	50x50	7	C2	4.75	4.75	C2	4.75	4.75	
N			VG Aumento	221.86							
+4.07	B12	39	50x50	9	C2	4.75	4.75	C2	4.75	4.75	
N			VG Aumento	270.71							
+4.07	B12	39	50x50	1	C2	4.75	4.75	C2	6.28	6.28	
N			VG Aumento	319.55							
+4.07	B12	39	50x50	3	C2	4.75	4.75	C2	7.33	7.63	
N			VG Aumento	368.39							
+4.07	B12	39	50x50	6	C2	4.75	4.75	C2	7.33	9.9	
N			VG Aumento	417.23							
+4.07	B12	39	50x50	8	C2	4.75	4.75	C2	7.33	11.48	
N			VG Aumento								
+4.07	B12	39	50x50	466.08	C2	4.75	4.75	C2	7.33	12.32	
N			VG Aumento	514.92							
+4.07	B12	39	50x50	2	C2	4.75	4.75	C2	7.33	12.43	
N			VG Aumento	563.76							
+4.07	B12	39	50x50	4	C2	4.75	4.75	C2	7.33	11.78	
N			VG Aumento	612.60							
+4.07	B12	39	50x50	7	C2	4.75	4.75	C2	7.33	10.4	
N			VG Aumento	661.44							
+4.07	B12	39	50x50	9	C2	4.75	4.75	C2	7.33	8.31	
N			VG Aumento	710.29							
+4.07	B12	39	50x50	1	C2	4.75	4.75	C2	7.33	7.33	
N			VG Aumento	759.13							
+4.07	B12	39	50x50	3	C2	4.75	4.75	C2	4.75	4.75	
N			VG Aumento	807.97							
+4.07	B12	39	50x50	5	C2	4.75	4.75	C2	4.75	4.75	
N			VG Aumento	856.81							
+4.07	B12	39	50x50	8	C9-3	7.33	7.33	C2	4.75	4.75	
N			VG Aumento								
+4.07	B12	39	50x50	905.66	C2	7.33	11.45	C2	4.75	4.75	
N			VG Aumento	954.50							
+4.07	B12	39	50x50	2	C2	7.33	17.34	C2	7.27	7.27	
N											
+4.07	B13	40	VG40X50	43	C9-2	3.22	3.22	C9-2	1.06	1.06	
N											
+4.07	B13	40	VG40X50	85.5	C9-2	1.64	1.64	C9-2	0.64	0.64	

N				128.00							
+4.07	B13	40	VG40X50	1	C9-2	0.64	0.64	C9-2	0.64	0.64
N				170.50							
+4.07	B13	40	VG40X50	1	C9-1	0.84	0.84	C9-2	0.66	0.66
N				213.00							
+4.07	B13	40	VG40X50	2	C9-1	1.41	1.41	C9-2	1.45	1.45
N											
+4.07	B14	41	VG40X50	34	C2	5.87	16.38	C9-3	5.87	5.87
N											
+4.07	B14	41	VG40X50	72.5	C2	5.87	11.47	C2	4.71	4.71
N											
+4.07	B14	41	VG40X50	111	C2	5.87	7.04	C2	4.71	4.71
N											
+4.07	B14	41	VG40X50	111	C2	5.87	10.66	C2	4.71	4.71
N				159.27							
+4.07	B14	41	VG40X50	8	C9-1	5.87	5.9	C2	4.71	4.71
N				207.55							
+4.07	B14	41	VG40X50	6	C2	4.71	4.71	C2	4.71	4.71
N				255.83							
+4.07	B14	41	VG40X50	4	C2	4.71	4.71	C2	4.71	4.71
N				304.11							
+4.07	B14	41	VG40X50	2	C2	4.71	4.71	C9-3	5.87	5.87
N				352.38							
+4.07	B14	41	VG40X50	9	C2	4.71	4.71	C2	5.87	8.14
N				400.66							
+4.07	B14	41	VG40X50	7	C2	4.71	4.71	C2	5.87	10.13
N				448.94							
+4.07	B14	41	VG40X50	5	C2	4.71	4.71	C2	5.87	11.45
N				497.22							
+4.07	B14	41	VG40X50	3	C2	4.71	4.71	C2	5.87	12.07
N				545.50							
+4.07	B14	41	VG40X50	1	C2	4.71	4.71	C2	5.87	11.97
N				593.77							
+4.07	B14	41	VG40X50	9	C2	4.71	4.71	C2	5.87	11.16
N				642.05							
+4.07	B14	41	VG40X50	7	C2	4.71	4.71	C2	5.87	9.65
N				690.33							
+4.07	B14	41	VG40X50	5	C2	4.71	4.71	C2	5.87	7.49
N				738.61							
+4.07	B14	41	VG40X50	3	C2	4.71	4.71	C9-3	5.87	5.87
N											
+4.07	B14	41	VG40X50	786.89	C2	4.71	4.71	C2	4.71	4.71
N				835.16							
+4.07	B14	41	VG40X50	8	C2	4.71	4.71	C2	4.71	4.71
N				883.44							
+4.07	B14	41	VG40X50	6	C9-2	5.87	7.27	C2	4.71	4.71
N				931.72							
+4.07	B14	41	VG40X50	4	C2	5.87	12.77	C2	4.71	4.71
N				980.00							
+4.07	B14	41	VG40X50	2	C2	5.87	19.54	C2	5.87	5.98
N											
+4.07	B15	73	VG40X50	34	C9-1	5.87	6.41	C9-1	2.78	2.78
N											
+4.07	B15	73	VG40X50	75.251	C9-1	5.29	5.29	C9-1	1.66	1.66
N				116.50							
+4.07	B15	73	VG40X50	2	C9-1	2.48	2.48	C9-1	1.66	1.66

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N				157.75							
+4.07	B15	73	VG40X50	2	C9-1	1.66	1.66	C9-1	1.66	1.66
N				199.00							
+4.07	B15	73	VG40X50	3	C9-1	1.66	1.66	C9-1	1.74	1.74
N				199.00							
+4.07	B15	73	VG40X50	3	C9-1	1.66	1.66	C9-1	1.66	1.66
N				243.00							
+4.07	B15	73	VG40X50	4	C9-1	1.66	1.66	C9-1	2.25	2.25
N				287.00							
+4.07	B15	73	VG40X50	5	C9-1	1.66	1.66	C9-1	2.93	2.93
N				287.00							
+4.07	B15	73	VG40X50	5	C9-1	1.69	1.69	C9-1	2.96	2.96
N				288.00							
+4.07	B15	73	VG40X50	5	C9-1	1.69	1.69	C9-1	2.96	2.96
N				288.00							
+4.07	B15	73	VG40X50	5	C9-1	1.66	1.66	C9	2.28	2.28
N				312.00							
+4.07	B15	73	VG40X50	9	C9-1	1.66	1.66	C9-1	2.06	2.06
N				312.00							
+4.07	B15	73	VG40X50	9	C9-1	1.66	1.66	C9-1	2.05	2.05
N				353.50							
+4.07	B15	73	VG40X50	6	C9-1	1.66	1.66	C9-1	1.96	1.96
N				395.00							
+4.07	B15	73	VG40X50	4	C9-1	1.66	1.66	C9-1	1.77	1.77
N				395.00							
+4.07	B15	73	VG40X50	4	C9-1	1.66	1.66	C9-1	1.66	1.66
N				395.00							
+4.07	B15	73	VG40X50	7	C9-1	1.66	1.66	C9-1	1.66	1.66
N				395.00							
+4.07	B15	73	VG40X50	7	C9-1	1.66	1.66	C9-1	1.77	1.77
N				444.50							
+4.07	B15	73	VG40X50	8	C9-2	3.07	3.07	C9-1	1.66	1.66
N				494.00							
+4.07	B15	73	VG40X50	9	C9-2	4.92	4.92	C9-2	1.61	1.61
N			VG Aumento								
+4.07	B16	43	50x60	34	C9-3	9	28.33	C9-3	9	9
N			VG Aumento								
+4.07	B16	43	50x60	83.842	C9-3	9	19.49	C2	7.24	7.24
N			VG Aumento	133.68							
+4.07	B16	43	50x60	4	C9-3	9	11.66	C2	7.24	7.24
N			VG Aumento	183.52							
+4.07	B16	43	50x60	7	C2	7.24	7.24	C2	7.24	7.24
N			VG Aumento	233.36							
+4.07	B16	43	50x60	9	C2	7.24	7.24	C2	7.24	7.24
N			VG Aumento	283.21							
+4.07	B16	43	50x60	1	C2	7.24	7.24	C9	9	9.64
N			VG Aumento	333.05							
+4.07	B16	43	50x60	3	C2	7.24	7.24	C2	9	14.02
N			VG Aumento	382.89							
+4.07	B16	43	50x60	5	C2	7.24	7.24	C2	9	17.94
N			VG Aumento	432.73							
+4.07	B16	43	50x60	8	C2	7.24	7.24	C2	9	20.68
N			VG Aumento								
+4.07	B16	43	50x60	482.58	C2	7.24	7.24	C2	9	22.06
N			VG Aumento	532.42							
+4.07	B16	43	50x60	2	C2	7.24	7.24	C2	9	21.96

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N			VG Aumento	582.26							
+4.07	B16	43	50x60	4	C2	7.24	7.24	C2	9	20.4	
N			VG Aumento	632.10							
+4.07	B16	43	50x60	7	C2	7.24	7.24	C2	9	17.49	
N			VG Aumento	681.94							
+4.07	B16	43	50x60	9	C2	7.24	7.24	C2	9	13.42	
N			VG Aumento	731.79							
+4.07	B16	43	50x60	1	C2	7.24	7.24	C9-3	9	9	
N			VG Aumento	781.63							
+4.07	B16	43	50x60	3	C2	7.24	7.24	C2	7.24	7.24	
N			VG Aumento	831.47							
+4.07	B16	43	50x60	5	C9	7.32	7.32	C2	7.24	7.24	
N			VG Aumento	881.31							
+4.07	B16	43	50x60	8	C9	9	12.53	C2	7.24	7.24	
N			VG Aumento								
+4.07	B16	43	50x60	931.16	C9	9	20.56	C2	7.24	7.24	
N			VG Aumento	981.00							
+4.07	B16	43	50x60	2	C2	9	29.99	C2	9	9.18	
N											
+4.07	B17	44	VG40X60	34	C9-3	7.2	10.99	C9-3	4.71	4.71	
N											
+4.07	B17	44	VG40X60	79.7	C9-3	7.2	7.35	C9-3	2.81	2.81	
N											
+4.07	B17	44	VG40X60	125.4	C9-3	5.51	5.51	C9-3	2.81	2.81	
N											
+4.07	B17	44	VG40X60	171.1	C9-3	2.81	2.81	C9-3	2.81	2.81	
N											
+4.07	B17	44	VG40X60	216.8	C9-3	2.81	2.81	C9	3.26	3.26	
N											
+4.07	B17	44	VG40X60	262.5	C9-3	2.81	2.81	C2	3.77	3.77	
N				308.20							
+4.07	B17	44	VG40X60	1	C9-3	2.81	2.81	C9-3	3.78	3.78	
N				353.90							
+4.07	B17	44	VG40X60	1	C9-3	2.81	2.81	C9-3	3.87	3.87	
N				399.60							
+4.07	B17	44	VG40X60	1	C9-3	2.81	2.81	C9-3	3.25	3.25	
N				445.30							
+4.07	B17	44	VG40X60	1	C9	4.87	4.87	C9-3	2.81	2.81	
N				491.00							
+4.07	B17	44	VG40X60	1	C9-2	7.2	7.2	C9	2.74	2.74	
N											
+4.07	B18	45	VG40X60	28	C9-3	7.2	7.2	C9-3	2.9	2.9	
N											
+4.07	B18	45	VG40X60	75.112	C9-3	4.91	4.91	C9	2.15	2.15	
N				122.22							
+4.07	B18	45	VG40X60	4	C9-3	1.73	1.73	C9	3.42	3.42	
N				169.33							
+4.07	B18	45	VG40X60	6	C9-3	1.73	1.73	C9	4.11	4.11	
N				216.44							
+4.07	B18	45	VG40X60	7	C9-3	1.73	1.73	C2	4.5	4.5	
N				263.55							
+4.07	B18	45	VG40X60	9	C9-3	1.73	1.73	C9-3	4.65	4.65	
N				310.67							
+4.07	B18	45	VG40X60	1	C9-3	1.73	1.73	C9-3	4.86	4.86	
N				357.78							
+4.07	B18	45	VG40X60	3	C9-3	1.73	1.73	C9-3	4.29	4.29	

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N				404.89							
+4.07	B18	45	VG40X60	5	C9	5.02	5.02	C9-3	3.14	3.14
N				452.00							
+4.07	B18	45	VG40X60	7	C9-2	7.2	7.2	C9	2.89	2.89
N											
+4.07	B2	46	VG40X50	34	C9-3	0.52	0.52	C9-3	0.17	0.17
N											
+4.07	B2	46	VG40X50	77.2	C9	3.48	3.48	C9	3.48	3.48
N											
+4.07	B2	46	VG40X50	120.4	C9	3.48	3.48	C9	3.48	3.48
N											
+4.07	B2	46	VG40X50	163.6	C9	3.48	3.48	C9	3.48	3.48
N											
+4.07	B2	46	VG40X50	206.8	C9	3.48	3.48	C9	3.48	3.48
N											
+4.07	B2	46	VG40X50	250	C9	3.48	3.48	C9	3.48	3.48
N											
+4.07	B2	46	VG40X50	250	C9-3	5.87	19.99	C9	3.48	3.48
N				298.56							
+4.07	B2	46	VG40X50	7	C9-3	5.87	13.55	C9	3.48	3.48
N				347.13							
+4.07	B2	46	VG40X50	3	C9-3	5.87	8.32	C9	3.48	3.48
N											
+4.07	B2	46	VG40X50	395.7	C9-3	5.43	5.43	C9	3.48	3.48
N				444.26							
+4.07	B2	46	VG40X50	7	C9	3.48	3.48	C9	5.87	5.87
N				492.83							
+4.07	B2	46	VG40X50	3	C9	3.48	3.48	C9	5.87	6
N											
+4.07	B2	46	VG40X50	541.4	C9	3.48	3.48	C2	5.87	6.94
N				589.96							
+4.07	B2	46	VG40X50	7	C9	3.48	3.48	C2	5.87	8.05
N				638.53							
+4.07	B2	46	VG40X50	3	C9	3.48	3.48	C2	5.87	8.31
N											
+4.07	B2	46	VG40X50	687.1	C9	3.48	3.48	C2	5.87	7.71
N				735.66							
+4.07	B2	46	VG40X50	7	C9	3.48	3.48	C9-3	5.87	6.37
N				784.23							
+4.07	B2	46	VG40X50	3	C9	3.48	3.48	C9-3	5.87	5.87
N											
+4.07	B2	46	VG40X50	832.8	C9	3.48	3.48	C9-3	4.69	4.69
N				881.36							
+4.07	B2	46	VG40X50	7	C9-2	5.87	5.87	C9	3.48	3.48
N				929.93							
+4.07	B2	46	VG40X50	3	C9	5.87	9.32	C9	3.48	3.48
N											
+4.07	B2	46	VG40X50	978.5	C9	5.87	13.99	C9	5.86	5.86
N											
+4.07	B3	47	VG40X50	34	C9-3	5.87	8.69	C9-3	3.73	3.73
N											
+4.07	B3	47	VG40X50	79.95	C9-3	5.87	5.87	C9	2.3	2.3
N											
+4.07	B3	47	VG40X50	125.9	C9-3	3.45	3.45	C9	3.75	3.75
N											
+4.07	B3	47	VG40X50	171.85	C9-3	2.22	2.22	C9	4.6	4.6

N										
+4.07	B3	47	VG40X50	217.8	C9-3	2.22	2.22	C9	4.73	4.73
N										
+4.07	B3	47	VG40X50	263.75	C9-3	2.22	2.22	C2	4.28	4.28
N										
+4.07	B3	47	VG40X50	309.7	C9-3	2.22	2.22	C9-3	4.24	4.24
N										
+4.07	B3	47	VG40X50	355.65	C9-3	2.22	2.22	C9-3	4.19	4.19
N										
+4.07	B3	47	VG40X50	401.6	C9	2.64	2.64	C9-3	3.43	3.43
N										
+4.07	B3	47	VG40X50	447.55	C9	5.87	5.87	C9-3	2.22	2.22
N										
+4.07	B3	47	VG40X50	493.5	C9	5.87	7.85	C9	3.38	3.38
N			VG Aumento							
+4.07	B19	48	50x50	27.995	C9-3	7.33	8.53	C9-3	3.69	3.69
N			VG Aumento							
+4.07	B19	48	50x50	75.084	C9-3	6.57	6.57	C9	4.04	4.04
N			VG Aumento	122.17						
+4.07	B19	48	50x50	2	C9	2.5	2.5	C9	4.86	4.86
N			VG Aumento	169.26						
+4.07	B19	48	50x50	1	C9	2.5	2.5	C9	4.95	4.95
N			VG Aumento							
+4.07	B19	48	50x50	216.35	C9	2.5	2.5	C2	4.53	4.53
N			VG Aumento	263.43						
+4.07	B19	48	50x50	9	C9	2.5	2.5	C9-3	4.94	4.94
N			VG Aumento	310.52						
+4.07	B19	48	50x50	8	C9	2.5	2.5	C9-3	5.55	5.55
N			VG Aumento	357.61						
+4.07	B19	48	50x50	7	C9	3.72	3.72	C9-3	5.33	5.33
N			VG Aumento	404.70						
+4.07	B19	48	50x50	5	C9	7.33	7.33	C9-3	4.41	4.41
N			VG Aumento	451.79						
+4.07	B19	48	50x50	4	C9	7.33	9.72	C9	4.19	4.19
N										
+4.07	B20	49	VG40X50	28.5	C9-3	5.87	6.84	C9	4.36	4.36
N										
+4.07	B20	49	VG40X50	75.2	C9-3	5.87	5.87	C9	4.72	4.72
N										
+4.07	B20	49	VG40X50	121.9	C9-3	3.42	3.42	C9	4.79	4.79
N										
+4.07	B20	49	VG40X50	168.6	C9	1.83	1.83	C9	4.46	4.46
N										
+4.07	B20	49	VG40X50	215.3	C9	1.83	1.83	C9	3.71	3.71
N										
+4.07	B20	49	VG40X50	262	C9	1.83	1.83	C2	2.64	2.64
N										
+4.07	B20	49	VG40X50	308.7	C9	1.83	1.83	C9-3	2.94	2.94
N										
+4.07	B20	49	VG40X50	355.4	C9	1.83	1.83	C9-3	3.5	3.5
N										
+4.07	B20	49	VG40X50	402.1	C9	3.38	3.38	C9-3	3.64	3.64
N										
+4.07	B20	49	VG40X50	448.8	C9	5.87	5.87	C9-3	3.39	3.39
N										
+4.07	B20	49	VG40X50	495.5	C9	5.87	7.1	C9	3.07	3.07

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N										
+4.07	B22	51	VG40X50	27.5	C9-3	5.87	6.54	C9	4.3	4.3
N										
+4.07	B22	51	VG40X50	74.501	C9-3	5.6	5.6	C9	4.29	4.29
N				121.50						
+4.07	B22	51	VG40X50	2	C9-3	2.87	2.87	C9	3.99	3.99
N				168.50						
+4.07	B22	51	VG40X50	3	C9	1.82	1.82	C9	3.29	3.29
N				215.50						
+4.07	B22	51	VG40X50	4	C9	1.82	1.82	C9	2.19	2.19
N				262.50						
+4.07	B22	51	VG40X50	5	C9	1.82	1.82	C9-3	2.75	2.75
N				309.50						
+4.07	B22	51	VG40X50	6	C9	1.82	1.82	C9-3	3.83	3.83
N				356.50						
+4.07	B22	51	VG40X50	7	C9	3.51	3.51	C9-3	4.51	4.51
N				403.50						
+4.07	B22	51	VG40X50	8	C9	5.87	5.87	C9-3	4.8	4.8
N				450.50						
+4.07	B22	51	VG40X50	9	C9	5.87	7.06	C9-3	4.81	4.81
N			VG Aumento							
+4.07	B21	50	50x50	0	C9-1	7.33	8.41	C9-1	3.64	3.64
N			VG Aumento							
+4.07	B21	50	50x50	45.086	C9-3	7.33	7.33	C9-2	2.35	2.35
N			VG Aumento							
+4.07	B21	50	50x50	90.171	C9-1	4.71	4.71	C9-2	3.11	3.11
N			VG Aumento	135.25						
+4.07	B21	50	50x50	7	C9-1	2.17	2.17	C9-2	3.55	3.55
N			VG Aumento	180.34						
+4.07	B21	50	50x50	3	C9-1	2.17	2.17	C9-2	3.56	3.56
N			VG Aumento	225.42						
+4.07	B21	50	50x50	8	C9-1	2.17	2.17	C9-2	3.05	3.05
N			VG Aumento	270.51						
+4.07	B21	50	50x50	4	C9-1	2.17	2.17	C9-1	3.13	3.13
N			VG Aumento							
+4.07	B21	50	50x50	315.6	C9-1	2.17	2.17	C9-1	3.69	3.69
N			VG Aumento	360.68						
+4.07	B21	50	50x50	5	C9-1	2.17	2.17	C9-1	3.78	3.78
N			VG Aumento	405.77						
+4.07	B21	50	50x50	1	C9-2	4.46	4.46	C9-1	3.48	3.48
N			VG Aumento	450.85						
+4.07	B21	50	50x50	7	C9-2	7.33	7.33	C9-1	2.9	2.9
N			VG Aumento							
+4.07	B25	52	55x60	34	C2	9.9	38.69	C2	9.9	11.64
N			VG Aumento							
+4.07	B25	52	55x60	84	C2	9.9	25.68	C2	9.21	9.21
N			VG Aumento	134.00						
+4.07	B25	52	55x60	1	C2	9.9	14.43	C2	9.21	9.21
N			VG Aumento	184.00						
+4.07	B25	52	55x60	1	C2	9.21	9.21	C2	9.21	9.21
N			VG Aumento	234.00						
+4.07	B25	52	55x60	1	C2	9.21	9.21	C2	9.21	9.21
N			VG Aumento	284.00						
+4.07	B25	52	55x60	2	C2	9.21	9.21	C2	9.9	11.54
N			VG Aumento	334.00						
+4.07	B25	52	55x60	2	C2	9.21	9.21	C2	9.9	18.86

N			VG Aumento	384.00							
+4.07	B25	52	55x60	2	C2	9.21	9.21	C2	9.9	25.82	
N			VG Aumento	434.00							
+4.07	B25	52	55x60	3	C2	9.21	9.21	C2	9.9	32.6	
N			VG Aumento	484.00							
+4.07	B25	52	55x60	3	C2	9.21	9.21	C2	9.9	39.41	
N			VG Aumento	484.00							
+4.07	B25	52	55x60	3	C2	9.21	9.21	C2	9.9	39.41	
N			VG Aumento	534.00							
+4.07	B25	52	55x60	4	C2	9.21	9.21	C2	9.9	32.77	
N			VG Aumento	584.00							
+4.07	B25	52	55x60	4	C2	9.21	9.21	C2	9.9	26.12	
N			VG Aumento	634.00							
+4.07	B25	52	55x60	4	C2	9.21	9.21	C2	9.9	19.24	
N			VG Aumento	684.00							
+4.07	B25	52	55x60	5	C2	9.21	9.21	C2	9.9	11.95	
N			VG Aumento	734.00							
+4.07	B25	52	55x60	5	C2	9.21	9.21	C2	9.21	9.21	
N			VG Aumento	784.00							
+4.07	B25	52	55x60	5	C2	9.21	9.21	C2	9.21	9.21	
N			VG Aumento	834.00							
+4.07	B25	52	55x60	6	C2	9.9	14.25	C2	9.21	9.21	
N			VG Aumento	884.00							
+4.07	B25	52	55x60	6	C2	9.9	25.69	C2	9.21	9.21	
N			VG Aumento	934.00							
+4.07	B25	52	55x60	6	C2	9.9	38.96	C2	9.9	11.71	
N											
+4.07	B53	93	VG40X50	0	C9-3	5.87	5.87	C9-3	1.97	1.97	
N											
+4.07	B53	93	VG40X50	32	C9-3	4.42	4.42	C9-3	1.18	1.18	
N											
+4.07	B53	93	VG40X50	32	C9-3	4.42	4.42	C9-3	1.18	1.18	
N											
+4.07	B53	93	VG40X50	79.356	C9-3	2.35	2.35	C9-3	1.18	1.18	
N				126.71							
+4.07	B53	93	VG40X50	2	C9-3	1.18	1.18	C9-3	1.18	1.18	
N				174.06							
+4.07	B53	93	VG40X50	9	C9-3	1.18	1.18	C9-3	1.18	1.18	
N				221.42							
+4.07	B53	93	VG40X50	5	C9-3	1.18	1.18	C9-3	1.65	1.65	
N				268.78							
+4.07	B53	93	VG40X50	1	C9	1.76	1.76	C9-3	2.39	2.39	
N											
+4.07	B52	92	VG40X50	0	C9-3	2.22	2.22	C9	3.27	3.27	
N											
+4.07	B52	92	VG40X50	46.403	C9	1.4	1.4	C9	1.79	1.79	
N											
+4.07	B52	92	VG40X50	92.807	C9	1.4	1.4	C9	1.4	1.4	
N											
+4.07	B52	92	VG40X50	139.21	C9	1.88	1.88	C9-3	2.5	2.5	
N				185.61							
+4.07	B52	92	VG40X50	4	C9	4.33	4.33	C9-3	3.39	3.39	
N				232.01							
+4.07	B52	92	VG40X50	7	C9	5.87	5.87	C9-3	3.98	3.98	
N			VG Aumento								
+4.07	B5	80	50x50	0	C9-3	7.33	10.97	C9	7.33	10.68	

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N +4.07	B5	80	VG Aumento 50x50	49.75	C9-3	7.33	7.33	C9-2	7.33	7.33
N +4.07	B5	80	VG Aumento 50x50	99.5	C9-3	2.8	2.8	C9	4.79	4.79
N +4.07	B5	80	VG Aumento 50x50	149.25	C9-3	2.8	2.8	C9-3	3.06	3.06
N +4.07	B5	80	VG Aumento 50x50	199	C9	6.58	6.58	C9-3	7.33	7.33
N +4.07	B5	80	VG Aumento 50x50	199	C9	6.15	6.15	C9-3	7.29	7.29
N +4.07	B5	80	VG Aumento 50x50	242.15	C9	7.33	9.78	C9-3	7.33	7.96
N +4.07	B5	80	VG Aumento 50x50	285.3	C9	7.33	15.8	C9-3	7.33	9.98
N +4.07	B5	80	VG Aumento 50x50	285.3	C9-3	2.8	2.8	C9-3	2.8	2.8
N +4.07	B5	80	VG Aumento 50x50	311.3	C9-3	2.8	2.8	C9-3	2.8	2.8
N +4.07	B5	80	VG Aumento 50x50	311.3	C9-3	2.8	2.8	C9-3	2.8	2.8
N +4.07	B5	80	VG Aumento 50x50	353.15	C9-3	2.8	2.8	C9-3	2.8	2.8
N +4.07	B5	80	VG Aumento 50x50	395	C9-3	2.8	2.8	C9-3	2.8	2.8
N +4.07	B5	80	VG Aumento 50x50	395	C9-3	2.8	2.8	C9-3	2.8	2.8
N +4.07	B5	80	VG Aumento 50x50	436.767	C9-3	2.8	2.8	C9-3	2.8	2.8
N +4.07	B5	80	VG Aumento 50x50	478.533	C9-3	2.8	2.8	C9-3	2.8	2.8
N +4.07	B5	80	VG Aumento 50x50	520.3	C9-2	0.4	0.4	C9-2	0.13	0.13
N +4.07	B44	75	VG 20X50	0	C9-1	0.69	0.69	C9-2	1.86	1.86
N +4.07	B44	75	VG 20X50	1.856	C9-1	0.65	0.65	C9-2	1.83	1.83
N +4.07	B44	75	VG 20X50	1.856	C9-1	0.65	0.65	C9-2	1.82	1.82
N +4.07	B44	75	VG 20X50	45.856	C9-2	0.37	0.37	C9-2	1.06	1.06
N +4.07	B44	75	VG 20X50	89.856	C9-2	0.37	0.37	C9-3	0.7	0.7
N +4.07	B44	75	VG 20X50	133.856	C9-2	1.48	1.48	C9-1	0.73	0.73
N +4.07	B44	75	VG 20X50	177.856	C9-2	2.93	2.93	C9-1	0.39	0.39
N +4.07	B44	75	VG 20X50	177.856	C9-2	2.09	2.09	C9-2	0.37	0.37
N +4.07	B44	75	VG 20X50	224.456	C9-2	1.13	1.13	C9-1	0.48	0.48
N +4.07	B44	75	VG 20X50	271.056	C9-2	0.47	0.47	C9-1	0.49	0.49
N +4.07	B44	75	VG 20X50	317.656	C9-2	0.37	0.37	C9-2	0.37	0.37
N +4.07	B44	75	VG 20X50	364.256	C9	0.47	0.47	C9-2	0.37	0.37

N											
+4.07	B44	75	VG 20X50	410.85 6	C9	1.34	1.34	C9-2	0.37	0.37
N				410.85							
+4.07	B44	75	VG 20X50	6	C9-3	1.67	1.67	C9-2	0.37	0.37
N				453.25							
+4.07	B44	75	VG 20X50	6	C9-3	0.58	0.58	C9-2	0.37	0.37
N				495.65							
+4.07	B44	75	VG 20X50	7	C9-2	0.37	0.37	C9	0.51	0.51
N				538.05							
+4.07	B44	75	VG 20X50	7	C9-2	0.37	0.37	C9-3	0.68	0.68
N				580.45							
+4.07	B44	75	VG 20X50	7	C9-2	0.37	0.37	C9-3	0.76	0.76
N				622.85							
+4.07	B44	75	VG 20X50	7	C9	0.87	0.87	C9-3	0.65	0.65
N											
+4.07	B23	86	VG40X50	0	C9-2	5.87	9.79	C9-2	4.18	4.18
N											
+4.07	B23	86	VG40X50	25	C9-2	5.87	12.27	C9-2	2.49	2.49
N											
+4.07	B23	86	VG40X50	25	C9-2	2.49	2.49	C9-2	2.49	2.49
N											
+4.07	B23	86	VG40X50	68.167	C9-2	2.49	2.49	C9-2	2.49	2.49
N				111.33							
+4.07	B23	86	VG40X50	3	C9-2	2.49	2.49	C9-2	2.49	2.49
N											
+4.07	B23	86	VG40X50	154.5	C9-2	2.49	2.49	C9-2	2.49	2.49
N				197.66							
+4.07	B23	86	VG40X50	7	C9-2	2.49	2.49	C9-2	2.49	2.49
N				240.83							
+4.07	B23	86	VG40X50	3	C9-2	2.49	2.49	C9-2	2.49	2.49
N											
+4.07	B23	86	VG40X50	284	C9-2	2.49	2.49	C9-2	2.49	2.49
N											
+4.07	B23	86	VG40X50	284	C9-2	2.49	2.49	C9-2	2.49	2.49
N											
+4.07	B23	86	VG40X50	285	C9-2	2.49	2.49	C9-2	2.49	2.49
N											
+4.07	B23	86	VG40X50	285	C9-2	2.49	2.49	C9-2	2.49	2.49
N											
+4.07	B23	86	VG40X50	321	C9-2	0.02	0.02	C9-1	0.1	0.1
N											
+4.07	B34	89	VG40X50	0	C9-3	1.56	1.56	C9	0.57	0.57
N											
+4.07	B34	89	VG40X50	41	C9-3	0.97	0.97	C9	0.78	0.78
N											
+4.07	B34	89	VG40X50	41	C9-3	0.97	0.97	C9	0.78	0.78
N											
+4.07	B34	89	VG40X50	91	C9-3	0.41	0.41	C9	0.88	0.88
N											
+4.07	B34	89	VG40X50	141	C9-3	0.31	0.31	C9-2	0.91	0.91
N											
+4.07	B34	89	VG40X50	191	C9-3	0.31	0.31	C9-3	0.9	0.9
N											
+4.07	B34	89	VG40X50	241	C9-3	0.31	0.31	C9-3	1.14	1.14
N											
+4.07	B34	89	VG40X50	241	C9-3	0.31	0.31	C9-3	1.14	1.14

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N				267.65							
+4.07	B34	89	VG40X50	5	C9	0.35	0.35	C9-3	1.14	1.14	
N											
+4.07	B6	72	VG40X50	0	C9-1	0.05	0.05	C9-1	0.02	0.02	
N											
+4.07	B6	72	VG40X50	43	C9-1	0.02	0.02	C9-2	0.05	0.05	
N											
+4.07	B6	72	VG40X50	86	C9-1	0.08	0.08	C9-1	0.03	0.03	
N			VG Aumento								
+4.07	B29	83	50x50	0	C9-1	0.29	0.29	C9-1	0.1	0.1	
N			VG Aumento								
+4.07	B29	83	50x50	46.667	C9-2	2.57	2.57	C9-2	2.57	2.57	
N			VG Aumento								
+4.07	B29	83	50x50	93.333	C9-2	2.57	2.57	C9-2	2.57	2.57	
N			VG Aumento								
+4.07	B29	83	50x50	140	C9-2	2.57	2.57	C9-2	2.57	2.57	
N			VG Aumento								
+4.07	B29	83	50x50	140	C9-1	7.33	12.87	C9-2	2.57	2.57	
N			VG Aumento	187.87							
+4.07	B29	83	50x50	5	C9-1	7.33	9.2	C9-2	2.57	2.57	
N			VG Aumento								
+4.07	B29	83	50x50	235.75	C9-1	7.33	7.33	C9-2	2.57	2.57	
N			VG Aumento	283.62							
+4.07	B29	83	50x50	5	C9-1	4.49	4.49	C9-2	2.57	2.57	
N			VG Aumento								
+4.07	B29	83	50x50	331.5	C9-2	2.57	2.57	C9-2	3.76	3.76	
N			VG Aumento	379.37							
+4.07	B29	83	50x50	5	C9-2	2.57	2.57	C9-2	5.06	5.06	
N			VG Aumento								
+4.07	B29	83	50x50	427.25	C9-2	2.57	2.57	C9-2	5.87	5.87	
N			VG Aumento	475.12							
+4.07	B29	83	50x50	5	C9-2	2.57	2.57	C2	6.31	6.31	
N			VG Aumento								
+4.07	B29	83	50x50	523	C9-2	2.57	2.57	C2	6.8	6.8	
N			VG Aumento	570.87							
+4.07	B29	83	50x50	6	C9-2	2.57	2.57	C2	6.69	6.69	
N			VG Aumento	618.75							
+4.07	B29	83	50x50	1	C9-2	2.57	2.57	C9-1	6.05	6.05	
N			VG Aumento	666.62							
+4.07	B29	83	50x50	6	C9-2	2.57	2.57	C9-1	5.57	5.57	
N			VG Aumento	714.50							
+4.07	B29	83	50x50	1	C9-2	2.57	2.57	C9-1	4.59	4.59	
N			VG Aumento	762.37							
+4.07	B29	83	50x50	6	C9-2	2.57	2.57	C9-1	3.12	3.12	
N			VG Aumento	810.25							
+4.07	B29	83	50x50	1	C9-2	5.63	5.63	C9-2	2.57	2.57	
N			VG Aumento	858.12							
+4.07	B29	83	50x50	6	C9-2	7.33	7.33	C9-2	2.57	2.57	
N			VG Aumento	906.00							
+4.07	B29	83	50x50	1	C9-2	7.33	10.01	C9-2	4.31	4.31	
N							566374.			566374.	
+4.07	B28	35	VG40X50	28	C1	5.87	97	C1	5.87	94	
N							566374.			566375.	
+4.07	B28	35	VG40X50	77.334	C1	5.87	93	C1	5.87	04	
N				126.66			566374.			566374.	
+4.07	B28	35	VG40X50	7	C1	5.87	93	C1	5.87	98	

N				176.00			566375.			566374.	
+4.07	B28	35	VG40X50	1	C1	5.87	14	C1	5.87	93	
N				176.00			764889.			764889.	
+4.07	B28	35	VG40X50	1	C1	5.87	11	C1	5.87	2	
N				221.66			764889.			764889.	
+4.07	B28	35	VG40X50	7	C1	5.87	13	C1	5.87	11	
N				267.33			764889.			764889.	
+4.07	B28	35	VG40X50	4	C1	5.87	15	C1	5.87	11	
N							764889.			764889.	
+4.07	B28	35	VG40X50	313	C1	5.87	12	C1	5.87	15	
N											
+4.07	B26	63	VG40X50	0	C2	1.64	1.64	C2	0.55	0.55	
N											
+4.07	B26	63	VG40X50	44.001	C2	2.15	2.15	C2	2.15	2.15	
N											
+4.07	B26	63	VG40X50	88.001	C2	2.15	2.15	C2	2.15	2.15	
N				132.00							
+4.07	B26	63	VG40X50	2	C2	2.15	2.15	C2	2.15	2.15	
N				176.00							
+4.07	B26	63	VG40X50	2	C2	2.15	2.15	C2	2.15	2.15	
N				220.00							
+4.07	B26	63	VG40X50	3	C2	2.15	2.15	C2	2.15	2.15	
N				264.00							
+4.07	B26	63	VG40X50	4	C2	2.15	2.15	C2	2.15	2.15	
N				308.00							
+4.07	B26	63	VG40X50	4	C2	2.23	2.23	C2	2.15	2.15	
N				308.00							
+4.07	B26	63	VG40X50	4	C9-3	5.87	6.69	C2	2.15	2.15	
N				357.67							
+4.07	B26	63	VG40X50	1	C9-3	4.36	4.36	C2	2.15	2.15	
N				407.33							
+4.07	B26	63	VG40X50	7	C2	2.15	2.15	C2	2.15	2.15	
N				457.00							
+4.07	B26	63	VG40X50	4	C2	2.15	2.15	C9	3.02	3.02	
N				506.67							
+4.07	B26	63	VG40X50	1	C2	2.15	2.15	C2	3.91	3.91	
N				556.33							
+4.07	B26	63	VG40X50	7	C2	2.15	2.15	C2	3.47	3.47	
N				606.00							
+4.07	B26	63	VG40X50	4	C2	2.15	2.15	C2	2.15	2.15	
N				655.67							
+4.07	B26	63	VG40X50	1	C9	2.3	2.3	C2	2.15	2.15	
N				705.33							
+4.07	B26	63	VG40X50	7	C9	5.87	5.87	C2	2.15	2.15	
N				755.00							
+4.07	B26	63	VG40X50	4	C2	5.87	8.42	C2	3.61	3.61	
N											
+4.07	B27	62	VG40X60	34	C9-3	7.2	7.2	C11	7.2	7.2	
N											
+4.07	B27	62	VG40X60	77	C11	7.2	7.2	C11	7.2	7.2	
N											
+4.07	B27	62	VG40X60	120	C11	7.2	7.2	C11	7.2	7.2	
N											
+4.07	B27	62	VG40X60	163	C11	7.2	7.2	C11	7.2	7.2	
N											
+4.07	B27	62	VG40X60	163	C11	7.2	7.2	C11	7.2	7.2	

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N											
+4.07	B27	62	VG40X60	209.1	C11	7.2	7.2	C11	7.2	7.2	
N											
+4.07	B27	62	VG40X60	255.2	C11	7.2	7.2	C11	7.2	7.2	
N											
+4.07	B27	62	VG40X60	301.3	C11	7.2	7.2	C11	7.2	7.2	
N											
+4.07	B27	62	VG40X60	347.4	C11	7.2	7.2	C11	7.2	7.2	
N											
+4.07	B27	62	VG40X60	393.5	C11	7.2	7.2	C11	7.2	7.2	
N											
+4.07	B27	62	VG40X60	439.6	C11	7.2	7.2	C11	7.2	7.2	
N											
+4.07	B27	62	VG40X60	485.7	C11	7.2	7.2	C11	7.2	7.2	
N											
+4.07	B27	62	VG40X60	531.8	C11	7.2	7.2	C11	7.2	7.2	
N											
+4.07	B27	62	VG40X60	577.9	C11	7.2	7.2	C11	7.2	7.2	
N											
+4.07	B27	62	VG40X60	624	C11	7.2	7.2	C11	7.2	7.2	
N											
+4.07	B30	65	VG40X60	0	C9-3	7.2	8.84	C11	7.2	7.2	
N											
+4.07	B30	65	VG40X60	48.889	C11	7.2	7.2	C11	7.2	7.2	
N											
+4.07	B30	65	VG40X60	97.778	C11	7.2	7.2	C11	7.2	7.2	
N				146.66							
+4.07	B30	65	VG40X60	7	C11	7.2	7.2	C11	7.2	7.2	
N				195.55							
+4.07	B30	65	VG40X60	6	C11	7.2	7.2	C11	7.2	7.2	
N				244.44							
+4.07	B30	65	VG40X60	4	C11	7.2	7.2	C11	7.2	7.2	
N				293.33							
+4.07	B30	65	VG40X60	3	C11	7.2	7.2	C11	7.2	7.2	
N				342.22							
+4.07	B30	65	VG40X60	2	C11	7.2	7.2	C11	7.2	7.2	
N				391.11							
+4.07	B30	65	VG40X60	1	C11	7.2	7.2	C11	7.2	7.2	
N											
+4.07	B30	65	VG40X60	440	C9	7.2	10.02	C11	7.2	7.2	

INDESCO Desarrollando Soluciones

15.3. MURO NUEVO

Solicitaciones a cortante

TABLE: Design Forces - Piers

Story	Pier	Combo	Location	P Ton	V2 Ton	V3 Ton	T Ton	M2 Ton-m	M3
N+12.10	M3	CC12-1	Bottom	-62.2842	273.5921	35.1685	28.9603	22.6646	368.541
N+12.10	M3	CC12-2	Bottom	-62.2842	207.7642	35.1685	28.9603	9.7225	368.541
N+12.10	M3	CC12-3	Bottom	-62.2842	273.5921	17.3631	28.9603	22.6646	275.8142
N+12.10	M3	CC12-4	Bottom	-62.2842	207.7642	17.3631	28.9603	9.7225	275.8142
N+12.10	M3	CC12-5	Bottom	-73.6313	273.5921	35.1685	9.0209	22.6646	368.541
N+12.10	M3	CC12-6	Bottom	-73.6313	207.7642	35.1685	9.0209	9.7225	368.541
N+12.10	M3	CC12-7	Bottom	-73.6313	273.5921	17.3631	9.0209	22.6646	275.8142
N+12.10	M3	CC12-8	Bottom	-73.6313	207.7642	17.3631	9.0209	9.7225	275.8142
N+12.10	M3	CC12-1-1	Bottom	-54.3691	-59.8335	29.5881	-36.7777	19.2982	-42.5065
N+12.10	M3	CC12-1-2	Bottom	-54.3691	-125.6614	29.5881	-36.7777	6.3562	-42.5065
N+12.10	M3	CC12-1-3	Bottom	-54.3691	-59.8335	11.7827	-36.7777	19.2982	-135.2333
N+12.10	M3	CC12-1-4	Bottom	-54.3691	-125.6614	11.7827	-36.7777	6.3562	-135.2333
N+12.10	M3	CC12-1-5	Bottom	-65.7163	-59.8335	29.5881	-56.717	19.2982	-42.5065
N+12.10	M3	CC12-1-6	Bottom	-65.7163	-125.6614	29.5881	-56.717	6.3562	-42.5065
N+12.10	M3	CC12-1-7	Bottom	-65.7163	-59.8335	11.7827	-56.717	19.2982	-135.2333
N+12.10	M3	CC12-1-8	Bottom	-65.7163	-125.6614	11.7827	-56.717	6.3562	-135.2333
N+12.10	M3	CC12-2-1	Bottom	-70.8368	209.5558	16.4605	1.4754	9.2584	303.9929
N+12.10	M3	CC12-2-2	Bottom	-70.8368	143.7279	16.4605	1.4754	-3.6836	303.9929
N+12.10	M3	CC12-2-3	Bottom	-70.8368	209.5558	-1.3449	1.4754	9.2584	211.266
N+12.10	M3	CC12-2-4	Bottom	-70.8368	143.7279	-1.3449	1.4754	-3.6836	211.266
N+12.10	M3	CC12-2-5	Bottom	-82.184	209.5558	16.4605	-18.464	9.2584	303.9929
N+12.10	M3	CC12-2-6	Bottom	-82.184	143.7279	16.4605	-18.464	-3.6836	303.9929
N+12.10	M3	CC12-2-7	Bottom	-82.184	209.5558	-1.3449	-18.464	9.2584	211.266
N+12.10	M3	CC12-2-8	Bottom	-82.184	143.7279	-1.3449	-18.464	-3.6836	211.266
N+12.10	M3	CC12-3-1	Bottom	-62.9218	-123.8698	10.8801	-64.2626	5.8921	-107.0546
N+12.10	M3	CC12-3-2	Bottom	-62.9218	-189.6977	10.8801	-64.2626	-7.0499	-107.0546
N+12.10	M3	CC12-3-3	Bottom	-62.9218	-123.8698	-6.9253	-64.2626	5.8921	-199.7814
N+12.10	M3	CC12-3-4	Bottom	-62.9218	-189.6977	-6.9253	-64.2626	-7.0499	-199.7814
N+12.10	M3	CC12-3-5	Bottom	-74.269	-123.8698	10.8801	-84.2019	5.8921	-107.0546
N+12.10	M3	CC12-3-6	Bottom	-74.269	-189.6977	10.8801	-84.2019	-7.0499	-107.0546
N+12.10	M3	CC12-3-7	Bottom	-74.269	-123.8698	-6.9253	-84.2019	5.8921	-199.7814
N+12.10	M3	CC12-3-8	Bottom	-74.269	-189.6977	-6.9253	-84.2019	-7.0499	-199.7814
N+12.10	M3	CC13-1	Bottom	-36.7875	273.5921	74.9142	47.0751	51.5891	368.541

N+12.10	M3	CC13-2	Bottom	-36.7875	123.7845	74.9142	47.0751	9.7225	368.541
N+12.10	M3	CC13-3	Bottom	-36.7875	273.5921	17.3631	47.0751	51.5891	138.6933
N+12.10	M3	CC13-4	Bottom	-36.7875	123.7845	17.3631	47.0751	9.7225	138.6933
N+12.10	M3	CC13-5	Bottom	-73.6313	273.5921	74.9142	9.0209	51.5891	368.541
N+12.10	M3	CC13-6	Bottom	-73.6313	123.7845	74.9142	9.0209	9.7225	368.541
N+12.10	M3	CC13-7	Bottom	-73.6313	273.5921	17.3631	9.0209	51.5891	138.6933
N+12.10	M3	CC13-8	Bottom	-73.6313	123.7845	17.3631	9.0209	9.7225	138.6933
N+12.10	M3	CC13-1-1	Bottom	-65.2963	60.1376	12.5543	-44.5412	6.902	153.3805
N+12.10	M3	CC13-1-2	Bottom	-65.2963	-89.67	12.5543	-44.5412	-34.9646	153.3805
N+12.10	M3	CC13-1-3	Bottom	-65.2963	60.1376	-44.9969	-44.5412	6.902	-76.4672
N+12.10	M3	CC13-1-4	Bottom	-65.2963	-89.67	-44.9969	-44.5412	-34.9646	-76.4672
N+12.10	M3	CC13-1-5	Bottom	-102.1402	60.1376	12.5543	-82.5954	6.902	153.3805
N+12.10	M3	CC13-1-6	Bottom	-102.1402	-89.67	12.5543	-82.5954	-34.9646	153.3805
N+12.10	M3	CC13-1-7	Bottom	-102.1402	60.1376	-44.9969	-82.5954	6.902	-76.4672
N+12.10	M3	CC13-1-8	Bottom	-102.1402	-89.67	-44.9969	-82.5954	-34.9646	-76.4672
N+12.10	M3	CC13-2-1	Bottom	-34.413	173.5644	73.2401	27.3538	50.5792	245.2268
N+12.10	M3	CC13-2-2	Bottom	-34.413	23.7568	73.2401	27.3538	8.7126	245.2268
N+12.10	M3	CC13-2-3	Bottom	-34.413	173.5644	15.689	27.3538	50.5792	15.379
N+12.10	M3	CC13-2-4	Bottom	-34.413	23.7568	15.689	27.3538	8.7126	15.379
N+12.10	M3	CC13-2-5	Bottom	-71.2568	173.5644	73.2401	-10.7005	50.5792	245.2268
N+12.10	M3	CC13-2-6	Bottom	-71.2568	23.7568	73.2401	-10.7005	8.7126	245.2268
N+12.10	M3	CC13-2-7	Bottom	-71.2568	173.5644	15.689	-10.7005	50.5792	15.379
N+12.10	M3	CC13-2-8	Bottom	-71.2568	23.7568	15.689	-10.7005	8.7126	15.379
N+12.10	M3	CC13-3-1	Bottom	-62.9218	-39.8901	10.8801	-64.2626	5.8921	30.0663
N+12.10	M3	CC13-3-2	Bottom	-62.9218	-189.6977	10.8801	-64.2626	-35.9745	30.0663
N+12.10	M3	CC13-3-3	Bottom	-62.9218	-39.8901	-46.671	-64.2626	5.8921	-199.7814
N+12.10	M3	CC13-3-4	Bottom	-62.9218	-189.6977	-46.671	-64.2626	-35.9745	-199.7814
N+12.10	M3	CC13-3-5	Bottom	-99.7657	-39.8901	10.8801	-102.3168	5.8921	30.0663
N+12.10	M3	CC13-3-6	Bottom	-99.7657	-189.6977	10.8801	-102.3168	-35.9745	30.0663
N+12.10	M3	CC13-3-7	Bottom	-99.7657	-39.8901	-46.671	-102.3168	5.8921	-199.7814
N+12.10	M3	CC13-3-8	Bottom	-99.7657	-189.6977	-46.671	-102.3168	-35.9745	-199.7814
N+12.10	M4	CC12-1	Bottom	2.0365	4.2333	-0.0683	0.544	-0.0935	4.3939
N+12.10	M4	CC12-2	Bottom	2.0365	1.5513	-0.0683	0.544	-0.1252	4.3939
N+12.10	M4	CC12-3	Bottom	2.0365	4.2333	-0.1	0.544	-0.0935	1.9673
N+12.10	M4	CC12-4	Bottom	2.0365	1.5513	-0.1	0.544	-0.1252	1.9673
N+12.10	M4	CC12-5	Bottom	-0.2145	4.2333	-0.0683	0.3488	-0.0935	4.3939
N+12.10	M4	CC12-6	Bottom	-0.2145	1.5513	-0.0683	0.3488	-0.1252	4.3939

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N+12.10	M4	CC12-7	Bottom	-0.2145	4.2333	-0.1	0.3488	-0.0935	1.9673
N+12.10	M4	CC12-8	Bottom	-0.2145	1.5513	-0.1	0.3488	-0.1252	1.9673
N+12.10	M4	CC12-1-1	Bottom	-7.0557	-2.1899	0.0912	-0.1163	0.0894	-1.3955
N+12.10	M4	CC12-1-2	Bottom	-7.0557	-4.8718	0.0912	-0.1163	0.0577	-1.3955
N+12.10	M4	CC12-1-3	Bottom	-7.0557	-2.1899	0.0595	-0.1163	0.0894	-3.8221
N+12.10	M4	CC12-1-4	Bottom	-7.0557	-4.8718	0.0595	-0.1163	0.0577	-3.8221
N+12.10	M4	CC12-1-5	Bottom	-9.3067	-2.1899	0.0912	-0.3114	0.0894	-1.3955
N+12.10	M4	CC12-1-6	Bottom	-9.3067	-4.8718	0.0912	-0.3114	0.0577	-1.3955
N+12.10	M4	CC12-1-7	Bottom	-9.3067	-2.1899	0.0595	-0.3114	0.0894	-3.8221
N+12.10	M4	CC12-1-8	Bottom	-9.3067	-4.8718	0.0595	-0.3114	0.0577	-3.8221
N+12.10	M4	CC12-2-1	Bottom	0.4838	3.6129	-0.0311	0.4067	-0.046	3.835
N+12.10	M4	CC12-2-2	Bottom	0.4838	0.931	-0.0311	0.4067	-0.0776	3.835
N+12.10	M4	CC12-2-3	Bottom	0.4838	3.6129	-0.0628	0.4067	-0.046	1.4084
N+12.10	M4	CC12-2-4	Bottom	0.4838	0.931	-0.0628	0.4067	-0.0776	1.4084
N+12.10	M4	CC12-2-5	Bottom	-1.7672	3.6129	-0.0311	0.2115	-0.046	3.835
N+12.10	M4	CC12-2-6	Bottom	-1.7672	0.931	-0.0311	0.2115	-0.0776	3.835
N+12.10	M4	CC12-2-7	Bottom	-1.7672	3.6129	-0.0628	0.2115	-0.046	1.4084
N+12.10	M4	CC12-2-8	Bottom	-1.7672	0.931	-0.0628	0.2115	-0.0776	1.4084
N+12.10	M4	CC12-3-1	Bottom	-8.6084	-2.8102	0.1284	-0.2536	0.1369	-1.9544
N+12.10	M4	CC12-3-2	Bottom	-8.6084	-5.4921	0.1284	-0.2536	0.1053	-1.9544
N+12.10	M4	CC12-3-3	Bottom	-8.6084	-2.8102	0.0967	-0.2536	0.1369	-4.381
N+12.10	M4	CC12-3-4	Bottom	-8.6084	-5.4921	0.0967	-0.2536	0.1053	-4.381
N+12.10	M4	CC12-3-5	Bottom	-10.8594	-2.8102	0.1284	-0.4487	0.1369	-1.9544
N+12.10	M4	CC12-3-6	Bottom	-10.8594	-5.4921	0.1284	-0.4487	0.1053	-1.9544
N+12.10	M4	CC12-3-7	Bottom	-10.8594	-2.8102	0.0967	-0.4487	0.1369	-4.381
N+12.10	M4	CC12-3-8	Bottom	-10.8594	-5.4921	0.0967	-0.4487	0.1053	-4.381
N+12.10	M4	CC13-1	Bottom	2.0365	4.2333	-0.0436	0.544	-0.0764	4.3939
N+12.10	M4	CC13-2	Bottom	2.0365	-1.4974	-0.0436	0.544	-0.1252	4.3939
N+12.10	M4	CC13-3	Bottom	2.0365	4.2333	-0.1	0.544	-0.0764	-0.7811
N+12.10	M4	CC13-4	Bottom	2.0365	-1.4974	-0.1	0.544	-0.1252	-0.7811
N+12.10	M4	CC13-5	Bottom	-2.956	4.2333	-0.0436	0.207	-0.0764	4.3939
N+12.10	M4	CC13-6	Bottom	-2.956	-1.4974	-0.0436	0.207	-0.1252	4.3939
N+12.10	M4	CC13-7	Bottom	-2.956	4.2333	-0.1	0.207	-0.0764	-0.7811
N+12.10	M4	CC13-8	Bottom	-2.956	-1.4974	-0.1	0.207	-0.1252	-0.7811
N+12.10	M4	CC13-1-1	Bottom	-3.1392	2.1655	0.0806	0.0864	0.0821	2.5308
N+12.10	M4	CC13-1-2	Bottom	-3.1392	-3.5652	0.0806	0.0864	0.0333	2.5308
N+12.10	M4	CC13-1-3	Bottom	-3.1392	2.1655	0.0241	0.0864	0.0821	-2.6442

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N+12.10	M4	CC13-1-4	Bottom	-3.1392	-3.5652	0.0241	0.0864	0.0333	-2.6442
N+12.10	M4	CC13-1-5	Bottom	-8.1317	2.1655	0.0806	-0.2506	0.0821	2.5308
N+12.10	M4	CC13-1-6	Bottom	-8.1317	-3.5652	0.0806	-0.2506	0.0333	2.5308
N+12.10	M4	CC13-1-7	Bottom	-8.1317	2.1655	0.0241	-0.2506	0.0821	-2.6442
N+12.10	M4	CC13-1-8	Bottom	-8.1317	-3.5652	0.0241	-0.2506	0.0333	-2.6442
N+12.10	M4	CC13-2-1	Bottom	-0.6912	2.3063	0.0043	0.3459	-0.0216	2.6571
N+12.10	M4	CC13-2-2	Bottom	-0.6912	-3.4244	0.0043	0.3459	-0.0703	2.6571
N+12.10	M4	CC13-2-3	Bottom	-0.6912	2.3063	-0.0522	0.3459	-0.0216	-2.5179
N+12.10	M4	CC13-2-4	Bottom	-0.6912	-3.4244	-0.0522	0.3459	-0.0703	-2.5179
N+12.10	M4	CC13-2-5	Bottom	-5.6837	2.3063	0.0043	0.0089	-0.0216	2.6571
N+12.10	M4	CC13-2-6	Bottom	-5.6837	-3.4244	0.0043	0.0089	-0.0703	2.6571
N+12.10	M4	CC13-2-7	Bottom	-5.6837	2.3063	-0.0522	0.0089	-0.0216	-2.5179
N+12.10	M4	CC13-2-8	Bottom	-5.6837	-3.4244	-0.0522	0.0089	-0.0703	-2.5179
N+12.10	M4	CC13-3-1	Bottom	-5.8669	0.2386	0.1284	-0.1117	0.1369	0.794
N+12.10	M4	CC13-3-2	Bottom	-5.8669	-5.4921	0.1284	-0.1117	0.0882	0.794
N+12.10	M4	CC13-3-3	Bottom	-5.8669	0.2386	0.072	-0.1117	0.1369	-4.381
N+12.10	M4	CC13-3-4	Bottom	-5.8669	-5.4921	0.072	-0.1117	0.0882	-4.381
N+12.10	M4	CC13-3-5	Bottom	-10.8594	0.2386	0.1284	-0.4487	0.1369	0.794
N+12.10	M4	CC13-3-6	Bottom	-10.8594	-5.4921	0.1284	-0.4487	0.0882	0.794
N+12.10	M4	CC13-3-7	Bottom	-10.8594	0.2386	0.072	-0.4487	0.1369	-4.381
N+12.10	M4	CC13-3-8	Bottom	-10.8594	-5.4921	0.072	-0.4487	0.0882	-4.381
N+12.10	M5	CC12-1	Bottom	-6.5346	-3.2473	-1.1981	3.0618	-1.2528	-6.6756
N+12.10	M5	CC12-2	Bottom	-6.5346	-10.6033	-1.1981	3.0618	-2.9472	-6.6756
N+12.10	M5	CC12-3	Bottom	-6.5346	-3.2473	-3.3614	3.0618	-1.2528	-12.8338
N+12.10	M5	CC12-4	Bottom	-6.5346	-10.6033	-3.3614	3.0618	-2.9472	-12.8338
N+12.10	M5	CC12-5	Bottom	-9.6195	-3.2473	-1.1981	1.9601	-1.2528	-6.6756
N+12.10	M5	CC12-6	Bottom	-9.6195	-10.6033	-1.1981	1.9601	-2.9472	-6.6756
N+12.10	M5	CC12-7	Bottom	-9.6195	-3.2473	-3.3614	1.9601	-1.2528	-12.8338
N+12.10	M5	CC12-8	Bottom	-9.6195	-10.6033	-3.3614	1.9601	-2.9472	-12.8338
N+12.10	M5	CC12-1-1	Bottom	-11.6079	10.7065	-0.0662	0.2379	-0.2769	8.0221
N+12.10	M5	CC12-1-2	Bottom	-11.6079	3.3504	-0.0662	0.2379	-1.9712	8.0221
N+12.10	M5	CC12-1-3	Bottom	-11.6079	10.7065	-2.2295	0.2379	-0.2769	1.8639
N+12.10	M5	CC12-1-4	Bottom	-11.6079	3.3504	-2.2295	0.2379	-1.9712	1.8639
N+12.10	M5	CC12-1-5	Bottom	-14.6928	10.7065	-0.0662	-0.8638	-0.2769	8.0221
N+12.10	M5	CC12-1-6	Bottom	-14.6928	3.3504	-0.0662	-0.8638	-1.9712	8.0221
N+12.10	M5	CC12-1-7	Bottom	-14.6928	10.7065	-2.2295	-0.8638	-0.2769	1.8639
N+12.10	M5	CC12-1-8	Bottom	-14.6928	3.3504	-2.2295	-0.8638	-1.9712	1.8639

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N+12.10	M5	CC12-2-1	Bottom	-5.5876	-3.3037	1.1879	1.5781	0.6504	-5.7016
N+12.10	M5	CC12-2-2	Bottom	-5.5876	-10.6598	1.1879	1.5781	-1.044	-5.7016
N+12.10	M5	CC12-2-3	Bottom	-5.5876	-3.3037	-0.9754	1.5781	0.6504	-11.8598
N+12.10	M5	CC12-2-4	Bottom	-5.5876	-10.6598	-0.9754	1.5781	-1.044	-11.8598
N+12.10	M5	CC12-2-5	Bottom	-8.6725	-3.3037	1.1879	0.4764	0.6504	-5.7016
N+12.10	M5	CC12-2-6	Bottom	-8.6725	-10.6598	1.1879	0.4764	-1.044	-5.7016
N+12.10	M5	CC12-2-7	Bottom	-8.6725	-3.3037	-0.9754	0.4764	0.6504	-11.8598
N+12.10	M5	CC12-2-8	Bottom	-8.6725	-10.6598	-0.9754	0.4764	-1.044	-11.8598
N+12.10	M5	CC12-3-1	Bottom	-10.661	10.65	2.3198	-1.2459	1.6263	8.9961
N+12.10	M5	CC12-3-2	Bottom	-10.661	3.294	2.3198	-1.2459	-0.0681	8.9961
N+12.10	M5	CC12-3-3	Bottom	-10.661	10.65	0.1565	-1.2459	1.6263	2.8379
N+12.10	M5	CC12-3-4	Bottom	-10.661	3.294	0.1565	-1.2459	-0.0681	2.8379
N+12.10	M5	CC12-3-5	Bottom	-13.7458	10.65	2.3198	-2.3476	1.6263	8.9961
N+12.10	M5	CC12-3-6	Bottom	-13.7458	3.294	2.3198	-2.3476	-0.0681	8.9961
N+12.10	M5	CC12-3-7	Bottom	-13.7458	10.65	0.1565	-2.3476	1.6263	2.8379
N+12.10	M5	CC12-3-8	Bottom	-13.7458	3.294	0.1565	-2.3476	-0.0681	2.8379
N+12.10	M5	CC13-1	Bottom	-6.5346	6.6521	-1.1981	4.5472	-1.2528	1.34
N+12.10	M5	CC13-2	Bottom	-6.5346	-10.6033	-1.1981	4.5472	-6.7048	1.34
N+12.10	M5	CC13-3	Bottom	-6.5346	6.6521	-8.1365	4.5472	-1.2528	-12.8338
N+12.10	M5	CC13-4	Bottom	-6.5346	-10.6033	-8.1365	4.5472	-6.7048	-12.8338
N+12.10	M5	CC13-5	Bottom	-15.3803	6.6521	-1.1981	1.9601	-1.2528	1.34
N+12.10	M5	CC13-6	Bottom	-15.3803	-10.6033	-1.1981	1.9601	-6.7048	1.34
N+12.10	M5	CC13-7	Bottom	-15.3803	6.6521	-8.1365	1.9601	-1.2528	-12.8338
N+12.10	M5	CC13-8	Bottom	-15.3803	-10.6033	-8.1365	1.9601	-6.7048	-12.8338
N+12.10	M5	CC13-1-1	Bottom	-3.3781	6.4639	6.7554	-0.3987	5.0911	4.5868
N+12.10	M5	CC13-1-2	Bottom	-3.3781	-10.7916	6.7554	-0.3987	-0.3608	4.5868
N+12.10	M5	CC13-1-3	Bottom	-3.3781	6.4639	-0.183	-0.3987	5.0911	-9.587
N+12.10	M5	CC13-1-4	Bottom	-3.3781	-10.7916	-0.183	-0.3987	-0.3608	-9.587
N+12.10	M5	CC13-1-5	Bottom	-12.2238	6.4639	6.7554	-2.9858	5.0911	4.5868
N+12.10	M5	CC13-1-6	Bottom	-12.2238	-10.7916	6.7554	-2.9858	-0.3608	4.5868
N+12.10	M5	CC13-1-7	Bottom	-12.2238	6.4639	-0.183	-2.9858	5.0911	-9.587
N+12.10	M5	CC13-1-8	Bottom	-12.2238	-10.7916	-0.183	-2.9858	-0.3608	-9.587
N+12.10	M5	CC13-2-1	Bottom	-8.0566	10.8383	-0.8585	3.7	-0.96	5.7493
N+12.10	M5	CC13-2-2	Bottom	-8.0566	-6.4172	-0.8585	3.7	-6.412	5.7493
N+12.10	M5	CC13-2-3	Bottom	-8.0566	10.8383	-7.7969	3.7	-0.96	-8.4245
N+12.10	M5	CC13-2-4	Bottom	-8.0566	-6.4172	-7.7969	3.7	-6.412	-8.4245
N+12.10	M5	CC13-2-5	Bottom	-16.9023	10.8383	-0.8585	1.1129	-0.96	5.7493

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N+12.10	M5	CC13-2-6	Bottom	-16.9023	-6.4172	-0.8585	1.1129	-6.412	5.7493
N+12.10	M5	CC13-2-7	Bottom	-16.9023	10.8383	-7.7969	1.1129	-0.96	-8.4245
N+12.10	M5	CC13-2-8	Bottom	-16.9023	-6.4172	-7.7969	1.1129	-6.412	-8.4245
N+12.10	M5	CC13-3-1	Bottom	-4.9001	10.65	7.0949	-1.2459	5.3839	8.9961
N+12.10	M5	CC13-3-2	Bottom	-4.9001	-6.6054	7.0949	-1.2459	-0.0681	8.9961
N+12.10	M5	CC13-3-3	Bottom	-4.9001	10.65	0.1565	-1.2459	5.3839	-5.1777
N+12.10	M5	CC13-3-4	Bottom	-4.9001	-6.6054	0.1565	-1.2459	-0.0681	-5.1777
N+12.10	M5	CC13-3-5	Bottom	-13.7458	10.65	7.0949	-3.8329	5.3839	8.9961
N+12.10	M5	CC13-3-6	Bottom	-13.7458	-6.6054	7.0949	-3.8329	-0.0681	8.9961
N+12.10	M5	CC13-3-7	Bottom	-13.7458	10.65	0.1565	-3.8329	5.3839	-5.1777
N+12.10	M5	CC13-3-8	Bottom	-13.7458	-6.6054	0.1565	-3.8329	-0.0681	-5.1777
N+12.10	M6	CC12-1	Bottom	-14.7992	-4.159	-3.9736	4.2908	-3.2306	-7.2498
N+12.10	M6	CC12-2	Bottom	-14.7992	-6.1056	-3.9736	4.2908	-4.6247	-7.2498
N+12.10	M6	CC12-3	Bottom	-14.7992	-4.159	-5.7538	4.2908	-3.2306	-10.595
N+12.10	M6	CC12-4	Bottom	-14.7992	-6.1056	-5.7538	4.2908	-4.6247	-10.595
N+12.10	M6	CC12-5	Bottom	-17.1275	-4.159	-3.9736	2.8227	-3.2306	-7.2498
N+12.10	M6	CC12-6	Bottom	-17.1275	-6.1056	-3.9736	2.8227	-4.6247	-7.2498
N+12.10	M6	CC12-7	Bottom	-17.1275	-4.159	-5.7538	2.8227	-3.2306	-10.595
N+12.10	M6	CC12-8	Bottom	-17.1275	-6.1056	-5.7538	2.8227	-4.6247	-10.595
N+12.10	M6	CC12-1-1	Bottom	-5.5703	10.4126	3.827	-1.2507	2.9654	11.5265
N+12.10	M6	CC12-1-2	Bottom	-5.5703	8.466	3.827	-1.2507	1.5712	11.5265
N+12.10	M6	CC12-1-3	Bottom	-5.5703	10.4126	2.0468	-1.2507	2.9654	8.1813
N+12.10	M6	CC12-1-4	Bottom	-5.5703	8.466	2.0468	-1.2507	1.5712	8.1813
N+12.10	M6	CC12-1-5	Bottom	-7.8986	10.4126	3.827	-2.7189	2.9654	11.5265
N+12.10	M6	CC12-1-6	Bottom	-7.8986	8.466	3.827	-2.7189	1.5712	11.5265
N+12.10	M6	CC12-1-7	Bottom	-7.8986	10.4126	2.0468	-2.7189	2.9654	8.1813
N+12.10	M6	CC12-1-8	Bottom	-7.8986	8.466	2.0468	-2.7189	1.5712	8.1813
N+12.10	M6	CC12-2-1	Bottom	-13.6934	-1.0586	-2.139	3.0648	-1.7495	-3.5102
N+12.10	M6	CC12-2-2	Bottom	-13.6934	-3.0052	-2.139	3.0648	-3.1436	-3.5102
N+12.10	M6	CC12-2-3	Bottom	-13.6934	-1.0586	-3.9192	3.0648	-1.7495	-6.8553
N+12.10	M6	CC12-2-4	Bottom	-13.6934	-3.0052	-3.9192	3.0648	-3.1436	-6.8553
N+12.10	M6	CC12-2-5	Bottom	-16.0218	-1.0586	-2.139	1.5966	-1.7495	-3.5102
N+12.10	M6	CC12-2-6	Bottom	-16.0218	-3.0052	-2.139	1.5966	-3.1436	-3.5102
N+12.10	M6	CC12-2-7	Bottom	-16.0218	-1.0586	-3.9192	1.5966	-1.7495	-6.8553
N+12.10	M6	CC12-2-8	Bottom	-16.0218	-3.0052	-3.9192	1.5966	-3.1436	-6.8553
N+12.10	M6	CC12-3-1	Bottom	-4.4645	13.513	5.6616	-2.4767	4.4465	15.2661
N+12.10	M6	CC12-3-2	Bottom	-4.4645	11.5664	5.6616	-2.4767	3.0524	15.2661

N+12.10	M6	CC12-3-3	Bottom	-4.4645	13.513	3.8814	-2.4767	4.4465	11.9209
N+12.10	M6	CC12-3-4	Bottom	-4.4645	11.5664	3.8814	-2.4767	3.0524	11.9209
N+12.10	M6	CC12-3-5	Bottom	-6.7929	13.513	5.6616	-3.9449	4.4465	15.2661
N+12.10	M6	CC12-3-6	Bottom	-6.7929	11.5664	5.6616	-3.9449	3.0524	15.2661
N+12.10	M6	CC12-3-7	Bottom	-6.7929	13.513	3.8814	-3.9449	4.4465	11.9209
N+12.10	M6	CC12-3-8	Bottom	-6.7929	11.5664	3.8814	-3.9449	3.0524	11.9209
N+12.10	M6	CC13-1	Bottom	-10.9189	-1.1931	-2.794	4.2908	-2.3494	-2.8322
N+12.10	M6	CC13-2	Bottom	-10.9189	-6.1056	-2.794	4.2908	-4.6247	-2.8322
N+12.10	M6	CC13-3	Bottom	-10.9189	-1.1931	-5.7538	4.2908	-2.3494	-10.595
N+12.10	M6	CC13-4	Bottom	-10.9189	-6.1056	-5.7538	4.2908	-4.6247	-10.595
N+12.10	M6	CC13-5	Bottom	-17.1275	-1.1931	-2.794	1.8043	-2.3494	-2.8322
N+12.10	M6	CC13-6	Bottom	-17.1275	-6.1056	-2.794	1.8043	-4.6247	-2.8322
N+12.10	M6	CC13-7	Bottom	-17.1275	-1.1931	-5.7538	1.8043	-2.3494	-10.595
N+12.10	M6	CC13-8	Bottom	-17.1275	-6.1056	-5.7538	1.8043	-4.6247	-10.595
N+12.10	M6	CC13-1-1	Bottom	-7.2332	9.1415	3.3214	0.204	2.5877	9.6332
N+12.10	M6	CC13-1-2	Bottom	-7.2332	4.2291	3.3214	0.204	0.3124	9.6332
N+12.10	M6	CC13-1-3	Bottom	-7.2332	9.1415	0.3615	0.204	2.5877	1.8705
N+12.10	M6	CC13-1-4	Bottom	-7.2332	4.2291	0.3615	0.204	0.3124	1.8705
N+12.10	M6	CC13-1-5	Bottom	-13.4418	9.1415	3.3214	-2.2824	2.5877	9.6332
N+12.10	M6	CC13-1-6	Bottom	-13.4418	4.2291	3.3214	-2.2824	0.3124	9.6332
N+12.10	M6	CC13-1-7	Bottom	-13.4418	9.1415	0.3615	-2.2824	2.5877	1.8705
N+12.10	M6	CC13-1-8	Bottom	-13.4418	4.2291	0.3615	-2.2824	0.3124	1.8705
N+12.10	M6	CC13-2-1	Bottom	-8.1502	3.1784	-0.4538	2.6283	-0.4906	2.8006
N+12.10	M6	CC13-2-2	Bottom	-8.1502	-1.7341	-0.4538	2.6283	-2.7659	2.8006
N+12.10	M6	CC13-2-3	Bottom	-8.1502	3.1784	-3.4136	2.6283	-0.4906	-4.9621
N+12.10	M6	CC13-2-4	Bottom	-8.1502	-1.7341	-3.4136	2.6283	-2.7659	-4.9621
N+12.10	M6	CC13-2-5	Bottom	-14.3588	3.1784	-0.4538	0.1419	-0.4906	2.8006
N+12.10	M6	CC13-2-6	Bottom	-14.3588	-1.7341	-0.4538	0.1419	-2.7659	2.8006
N+12.10	M6	CC13-2-7	Bottom	-14.3588	3.1784	-3.4136	0.1419	-0.4906	-4.9621
N+12.10	M6	CC13-2-8	Bottom	-14.3588	-1.7341	-3.4136	0.1419	-2.7659	-4.9621
N+12.10	M6	CC13-3-1	Bottom	-4.4645	13.513	5.6616	-1.4584	4.4465	15.2661
N+12.10	M6	CC13-3-2	Bottom	-4.4645	8.6006	5.6616	-1.4584	2.1712	15.2661
N+12.10	M6	CC13-3-3	Bottom	-4.4645	13.513	2.7017	-1.4584	4.4465	7.5034
N+12.10	M6	CC13-3-4	Bottom	-4.4645	8.6006	2.7017	-1.4584	2.1712	7.5034
N+12.10	M6	CC13-3-5	Bottom	-10.6731	13.513	5.6616	-3.9449	4.4465	15.2661
N+12.10	M6	CC13-3-6	Bottom	-10.6731	8.6006	5.6616	-3.9449	2.1712	15.2661
N+12.10	M6	CC13-3-7	Bottom	-10.6731	13.513	2.7017	-3.9449	4.4465	7.5034

N+12.10	M6	CC13-3-8	Bottom	-10.6731	8.6006	2.7017	-3.9449	2.1712	7.5034
N+12.10	M7	CC12-1	Bottom	-1.5638	81.9612	0.0085	10.028	-0.0316	100.5422
N+12.10	M7	CC12-2	Bottom	-1.5638	5.0868	0.0085	10.028	-2.3437	100.5422
N+12.10	M7	CC12-3	Bottom	-1.5638	81.9612	-2.6745	10.028	-0.0316	15.5947
N+12.10	M7	CC12-4	Bottom	-1.5638	5.0868	-2.6745	10.028	-2.3437	15.5947
N+12.10	M7	CC12-5	Bottom	-10.9588	81.9612	0.0085	6.1014	-0.0316	100.5422
N+12.10	M7	CC12-6	Bottom	-10.9588	5.0868	0.0085	6.1014	-2.3437	100.5422
N+12.10	M7	CC12-7	Bottom	-10.9588	81.9612	-2.6745	6.1014	-0.0316	15.5947
N+12.10	M7	CC12-8	Bottom	-10.9588	5.0868	-2.6745	6.1014	-2.3437	15.5947
N+12.10	M7	CC12-1-1	Bottom	-23.3705	-62.0927	5.0865	-0.0906	4.1946	-51.0844
N+12.10	M7	CC12-1-2	Bottom	-23.3705	-138.9671	5.0865	-0.0906	1.8825	-51.0844
N+12.10	M7	CC12-1-3	Bottom	-23.3705	-62.0927	2.4034	-0.0906	4.1946	-136.0319
N+12.10	M7	CC12-1-4	Bottom	-23.3705	-138.9671	2.4034	-0.0906	1.8825	-136.0319
N+12.10	M7	CC12-1-5	Bottom	-32.7656	-62.0927	5.0865	-4.0173	4.1946	-51.0844
N+12.10	M7	CC12-1-6	Bottom	-32.7656	-138.9671	5.0865	-4.0173	1.8825	-51.0844
N+12.10	M7	CC12-1-7	Bottom	-32.7656	-62.0927	2.4034	-4.0173	4.1946	-136.0319
N+12.10	M7	CC12-1-8	Bottom	-32.7656	-138.9671	2.4034	-4.0173	1.8825	-136.0319
N+12.10	M7	CC12-2-1	Bottom	-2.3741	81.7133	-0.5228	8.2822	-0.5616	105.4619
N+12.10	M7	CC12-2-2	Bottom	-2.3741	4.8389	-0.5228	8.2822	-2.8737	105.4619
N+12.10	M7	CC12-2-3	Bottom	-2.3741	81.7133	-3.2058	8.2822	-0.5616	20.5144
N+12.10	M7	CC12-2-4	Bottom	-2.3741	4.8389	-3.2058	8.2822	-2.8737	20.5144
N+12.10	M7	CC12-2-5	Bottom	-11.7692	81.7133	-0.5228	4.3555	-0.5616	105.4619
N+12.10	M7	CC12-2-6	Bottom	-11.7692	4.8389	-0.5228	4.3555	-2.8737	105.4619
N+12.10	M7	CC12-2-7	Bottom	-11.7692	81.7133	-3.2058	4.3555	-0.5616	20.5144
N+12.10	M7	CC12-2-8	Bottom	-11.7692	4.8389	-3.2058	4.3555	-2.8737	20.5144
N+12.10	M7	CC12-3-1	Bottom	-24.1809	-62.3407	4.5552	-1.8365	3.6646	-46.1647
N+12.10	M7	CC12-3-2	Bottom	-24.1809	-139.2151	4.5552	-1.8365	1.3525	-46.1647
N+12.10	M7	CC12-3-3	Bottom	-24.1809	-62.3407	1.8721	-1.8365	3.6646	-131.1121
N+12.10	M7	CC12-3-4	Bottom	-24.1809	-139.2151	1.8721	-1.8365	1.3525	-131.1121
N+12.10	M7	CC12-3-5	Bottom	-33.5759	-62.3407	4.5552	-5.7632	3.6646	-46.1647
N+12.10	M7	CC12-3-6	Bottom	-33.5759	-139.2151	4.5552	-5.7632	1.3525	-46.1647
N+12.10	M7	CC12-3-7	Bottom	-33.5759	-62.3407	1.8721	-5.7632	3.6646	-131.1121
N+12.10	M7	CC12-3-8	Bottom	-33.5759	-139.2151	1.8721	-5.7632	1.3525	-131.1121
N+12.10	M7	CC13-1	Bottom	-1.5638	81.9612	4.8028	10.028	4.1636	100.5422
N+12.10	M7	CC13-2	Bottom	-1.5638	-95.1724	4.8028	10.028	-2.3437	100.5422
N+12.10	M7	CC13-3	Bottom	-1.5638	81.9612	-2.6745	10.028	4.1636	-102.0232
N+12.10	M7	CC13-4	Bottom	-1.5638	-95.1724	-2.6745	10.028	-2.3437	-102.0232

N+12.10	M7	CC13-5	Bottom	-24.3327	81.9612	4.8028	3.0919	4.1636	100.5422
N+12.10	M7	CC13-6	Bottom	-24.3327	-95.1724	4.8028	3.0919	-2.3437	100.5422
N+12.10	M7	CC13-7	Bottom	-24.3327	81.9612	-2.6745	3.0919	4.1636	-102.0232
N+12.10	M7	CC13-8	Bottom	-24.3327	-95.1724	-2.6745	3.0919	-2.3437	-102.0232
N+12.10	M7	CC13-1-1	Bottom	-4.265	81.1347	3.0318	4.2086	2.3967	116.9412
N+12.10	M7	CC13-1-2	Bottom	-4.265	-95.9989	3.0318	4.2086	-4.1106	116.9412
N+12.10	M7	CC13-1-3	Bottom	-4.265	81.1347	-4.4455	4.2086	2.3967	-85.6242
N+12.10	M7	CC13-1-4	Bottom	-4.265	-95.9989	-4.4455	4.2086	-4.1106	-85.6242
N+12.10	M7	CC13-1-5	Bottom	-27.0339	81.1347	3.0318	-2.7275	2.3967	116.9412
N+12.10	M7	CC13-1-6	Bottom	-27.0339	-95.9989	3.0318	-2.7275	-4.1106	116.9412
N+12.10	M7	CC13-1-7	Bottom	-27.0339	81.1347	-4.4455	-2.7275	2.3967	-85.6242
N+12.10	M7	CC13-1-8	Bottom	-27.0339	-95.9989	-4.4455	-2.7275	-4.1106	-85.6242
N+12.10	M7	CC13-2-1	Bottom	-8.1058	38.7451	6.3262	6.9924	5.4314	55.0542
N+12.10	M7	CC13-2-2	Bottom	-8.1058	-138.3886	6.3262	6.9924	-1.0758	55.0542
N+12.10	M7	CC13-2-3	Bottom	-8.1058	38.7451	-1.1511	6.9924	5.4314	-147.5112
N+12.10	M7	CC13-2-4	Bottom	-8.1058	-138.3886	-1.1511	6.9924	-1.0758	-147.5112
N+12.10	M7	CC13-2-5	Bottom	-30.8747	38.7451	6.3262	0.0563	5.4314	55.0542
N+12.10	M7	CC13-2-6	Bottom	-30.8747	-138.3886	6.3262	0.0563	-1.0758	55.0542
N+12.10	M7	CC13-2-7	Bottom	-30.8747	38.7451	-1.1511	0.0563	5.4314	-147.5112
N+12.10	M7	CC13-2-8	Bottom	-30.8747	-138.3886	-1.1511	0.0563	-1.0758	-147.5112
N+12.10	M7	CC13-3-1	Bottom	-10.807	37.9185	4.5552	1.173	3.6646	71.4533
N+12.10	M7	CC13-3-2	Bottom	-10.807	-139.2151	4.5552	1.173	-2.8427	71.4533
N+12.10	M7	CC13-3-3	Bottom	-10.807	37.9185	-2.9221	1.173	3.6646	-131.1121
N+12.10	M7	CC13-3-4	Bottom	-10.807	-139.2151	-2.9221	1.173	-2.8427	-131.1121
N+12.10	M7	CC13-3-5	Bottom	-33.5759	37.9185	4.5552	-5.7632	3.6646	71.4533
N+12.10	M7	CC13-3-6	Bottom	-33.5759	-139.2151	4.5552	-5.7632	-2.8427	71.4533
N+12.10	M7	CC13-3-7	Bottom	-33.5759	37.9185	-2.9221	-5.7632	3.6646	-131.1121
N+12.10	M7	CC13-3-8	Bottom	-33.5759	-139.2151	-2.9221	-5.7632	-2.8427	-131.1121
N+12.10	M8	CC12-1	Bottom	-9.1691	-13.2524	0.1151	3.147	-0.0495	-17.5482
N+12.10	M8	CC12-2	Bottom	-9.1691	-35.5458	0.1151	3.147	-0.3076	-17.5482
N+12.10	M8	CC12-3	Bottom	-9.1691	-13.2524	-0.1791	3.147	-0.0495	-42.6703
N+12.10	M8	CC12-4	Bottom	-9.1691	-35.5458	-0.1791	3.147	-0.3076	-42.6703
N+12.10	M8	CC12-5	Bottom	-15.4784	-13.2524	0.1151	2.0342	-0.0495	-17.5482
N+12.10	M8	CC12-6	Bottom	-15.4784	-35.5458	0.1151	2.0342	-0.3076	-17.5482
N+12.10	M8	CC12-7	Bottom	-15.4784	-13.2524	-0.1791	2.0342	-0.0495	-42.6703
N+12.10	M8	CC12-8	Bottom	-15.4784	-35.5458	-0.1791	2.0342	-0.3076	-42.6703
N+12.10	M8	CC12-1-1	Bottom	-6.0145	14.9428	0.6371	0.0247	0.4809	19.6434

N+12.10	M8	CC12-1-2	Bottom	-6.0145	-7.3506	0.6371	0.0247	0.2228	19.6434
N+12.10	M8	CC12-1-3	Bottom	-6.0145	14.9428	0.3429	0.0247	0.4809	-5.4788
N+12.10	M8	CC12-1-4	Bottom	-6.0145	-7.3506	0.3429	0.0247	0.2228	-5.4788
N+12.10	M8	CC12-1-5	Bottom	-12.3238	14.9428	0.6371	-1.0881	0.4809	19.6434
N+12.10	M8	CC12-1-6	Bottom	-12.3238	-7.3506	0.6371	-1.0881	0.2228	19.6434
N+12.10	M8	CC12-1-7	Bottom	-12.3238	14.9428	0.3429	-1.0881	0.4809	-5.4788
N+12.10	M8	CC12-1-8	Bottom	-12.3238	-7.3506	0.3429	-1.0881	0.2228	-5.4788
N+12.10	M8	CC12-2-1	Bottom	-10.2577	-17.072	0.1153	2.3218	-0.044	-21.8954
N+12.10	M8	CC12-2-2	Bottom	-10.2577	-39.3654	0.1153	2.3218	-0.3021	-21.8954
N+12.10	M8	CC12-2-3	Bottom	-10.2577	-17.072	-0.1789	2.3218	-0.044	-47.0176
N+12.10	M8	CC12-2-4	Bottom	-10.2577	-39.3654	-0.1789	2.3218	-0.3021	-47.0176
N+12.10	M8	CC12-2-5	Bottom	-16.5671	-17.072	0.1153	1.209	-0.044	-21.8954
N+12.10	M8	CC12-2-6	Bottom	-16.5671	-39.3654	0.1153	1.209	-0.3021	-21.8954
N+12.10	M8	CC12-2-7	Bottom	-16.5671	-17.072	-0.1789	1.209	-0.044	-47.0176
N+12.10	M8	CC12-2-8	Bottom	-16.5671	-39.3654	-0.1789	1.209	-0.3021	-47.0176
N+12.10	M8	CC12-3-1	Bottom	-7.1032	11.1232	0.6374	-0.8006	0.4864	15.2961
N+12.10	M8	CC12-3-2	Bottom	-7.1032	-11.1702	0.6374	-0.8006	0.2283	15.2961
N+12.10	M8	CC12-3-3	Bottom	-7.1032	11.1232	0.3432	-0.8006	0.4864	-9.826
N+12.10	M8	CC12-3-4	Bottom	-7.1032	-11.1702	0.3432	-0.8006	0.2283	-9.826
N+12.10	M8	CC12-3-5	Bottom	-13.4125	11.1232	0.6374	-1.9134	0.4864	15.2961
N+12.10	M8	CC12-3-6	Bottom	-13.4125	-11.1702	0.6374	-1.9134	0.2283	15.2961
N+12.10	M8	CC12-3-7	Bottom	-13.4125	11.1232	0.3432	-1.9134	0.4864	-9.826
N+12.10	M8	CC12-3-8	Bottom	-13.4125	-11.1702	0.3432	-1.9134	0.2283	-9.826
N+12.10	M8	CC13-1	Bottom	-4.4207	15.3965	0.4799	3.147	0.3088	18.6296
N+12.10	M8	CC13-2	Bottom	-4.4207	-35.5458	0.4799	3.147	-0.3076	18.6296
N+12.10	M8	CC13-3	Bottom	-4.4207	15.3965	-0.1791	3.147	0.3088	-42.6703
N+12.10	M8	CC13-4	Bottom	-4.4207	-35.5458	-0.1791	3.147	-0.3076	-42.6703
N+12.10	M8	CC13-5	Bottom	-15.4784	15.3965	0.4799	1.7742	0.3088	18.6296
N+12.10	M8	CC13-6	Bottom	-15.4784	-35.5458	0.4799	1.7742	-0.3076	18.6296
N+12.10	M8	CC13-7	Bottom	-15.4784	15.3965	-0.1791	1.7742	0.3088	-42.6703
N+12.10	M8	CC13-8	Bottom	-15.4784	-35.5458	-0.1791	1.7742	-0.3076	-42.6703
N+12.10	M8	CC13-1-1	Bottom	-8.0495	2.6647	0.4808	0.3962	0.3273	4.1387
N+12.10	M8	CC13-1-2	Bottom	-8.0495	-48.2776	0.4808	0.3962	-0.2891	4.1387
N+12.10	M8	CC13-1-3	Bottom	-8.0495	2.6647	-0.1782	0.3962	0.3273	-57.1612
N+12.10	M8	CC13-1-4	Bottom	-8.0495	-48.2776	-0.1782	0.3962	-0.2891	-57.1612
N+12.10	M8	CC13-1-5	Bottom	-19.1073	2.6647	0.4808	-0.9767	0.3273	4.1387
N+12.10	M8	CC13-1-6	Bottom	-19.1073	-48.2776	0.4808	-0.9767	-0.2891	4.1387

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N+12.10	M8	CC13-1-7	Bottom	-19.1073	2.6647	-0.1782	-0.9767	0.3273	-57.1612
N+12.10	M8	CC13-1-8	Bottom	-19.1073	-48.2776	-0.1782	-0.9767	-0.2891	-57.1612
N+12.10	M8	CC13-2-1	Bottom	-3.4743	23.8551	0.6365	2.2103	0.4679	29.787
N+12.10	M8	CC13-2-2	Bottom	-3.4743	-27.0873	0.6365	2.2103	-0.1485	29.787
N+12.10	M8	CC13-2-3	Bottom	-3.4743	23.8551	-0.0225	2.2103	0.4679	-31.5129
N+12.10	M8	CC13-2-4	Bottom	-3.4743	-27.0873	-0.0225	2.2103	-0.1485	-31.5129
N+12.10	M8	CC13-2-5	Bottom	-14.532	23.8551	0.6365	0.8375	0.4679	29.787
N+12.10	M8	CC13-2-6	Bottom	-14.532	-27.0873	0.6365	0.8375	-0.1485	29.787
N+12.10	M8	CC13-2-7	Bottom	-14.532	23.8551	-0.0225	0.8375	0.4679	-31.5129
N+12.10	M8	CC13-2-8	Bottom	-14.532	-27.0873	-0.0225	0.8375	-0.1485	-31.5129
N+12.10	M8	CC13-3-1	Bottom	-7.1032	11.1232	0.6374	-0.5405	0.4864	15.2961
N+12.10	M8	CC13-3-2	Bottom	-7.1032	-39.8191	0.6374	-0.5405	-0.13	15.2961
N+12.10	M8	CC13-3-3	Bottom	-7.1032	11.1232	-0.0216	-0.5405	0.4864	-46.0038
N+12.10	M8	CC13-3-4	Bottom	-7.1032	-39.8191	-0.0216	-0.5405	-0.13	-46.0038
N+12.10	M8	CC13-3-5	Bottom	-18.1609	11.1232	0.6374	-1.9134	0.4864	15.2961
N+12.10	M8	CC13-3-6	Bottom	-18.1609	-39.8191	0.6374	-1.9134	-0.13	15.2961
N+12.10	M8	CC13-3-7	Bottom	-18.1609	11.1232	-0.0216	-1.9134	0.4864	-46.0038
N+12.10	M8	CC13-3-8	Bottom	-18.1609	-39.8191	-0.0216	-1.9134	-0.13	-46.0038
N+12.10	M9	CC12-1	Bottom	-34.3951	37.2407	-1.8771	2.8451	-1.1939	19.056
N+12.10	M9	CC12-2	Bottom	-34.3951	5.5559	-1.8771	2.8451	-1.4021	19.056
N+12.10	M9	CC12-3	Bottom	-34.3951	37.2407	-2.1729	2.8451	-1.1939	-3.6709
N+12.10	M9	CC12-4	Bottom	-34.3951	5.5559	-2.1729	2.8451	-1.4021	-3.6709
N+12.10	M9	CC12-5	Bottom	-35.6247	37.2407	-1.8771	1.8899	-1.1939	19.056
N+12.10	M9	CC12-6	Bottom	-35.6247	5.5559	-1.8771	1.8899	-1.4021	19.056
N+12.10	M9	CC12-7	Bottom	-35.6247	37.2407	-2.1729	1.8899	-1.1939	-3.6709
N+12.10	M9	CC12-8	Bottom	-35.6247	5.5559	-2.1729	1.8899	-1.4021	-3.6709
N+12.10	M9	CC12-1-1	Bottom	-2.054	50.1866	1.4214	-0.3553	1.1097	41.6386
N+12.10	M9	CC12-1-2	Bottom	-2.054	18.5018	1.4214	-0.3553	0.9016	41.6386
N+12.10	M9	CC12-1-3	Bottom	-2.054	50.1866	1.1256	-0.3553	1.1097	18.9118
N+12.10	M9	CC12-1-4	Bottom	-2.054	18.5018	1.1256	-0.3553	0.9016	18.9118
N+12.10	M9	CC12-1-5	Bottom	-3.2836	50.1866	1.4214	-1.3104	1.1097	41.6386
N+12.10	M9	CC12-1-6	Bottom	-3.2836	18.5018	1.4214	-1.3104	0.9016	41.6386
N+12.10	M9	CC12-1-7	Bottom	-3.2836	50.1866	1.1256	-1.3104	1.1097	18.9118
N+12.10	M9	CC12-1-8	Bottom	-3.2836	18.5018	1.1256	-1.3104	0.9016	18.9118
N+12.10	M9	CC12-2-1	Bottom	-23.628	14.5745	-1.1164	1.9328	-0.6393	5.7092
N+12.10	M9	CC12-2-2	Bottom	-23.628	-17.1103	-1.1164	1.9328	-0.8475	5.7092
N+12.10	M9	CC12-2-3	Bottom	-23.628	14.5745	-1.4123	1.9328	-0.6393	-17.0176

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N+12.10	M9	CC12-2-4	Bottom	-23.628	-17.1103	-1.4123	1.9328	-0.8475	-17.0176
N+12.10	M9	CC12-2-5	Bottom	-24.8576	14.5745	-1.1164	0.9776	-0.6393	5.7092
N+12.10	M9	CC12-2-6	Bottom	-24.8576	-17.1103	-1.1164	0.9776	-0.8475	5.7092
N+12.10	M9	CC12-2-7	Bottom	-24.8576	14.5745	-1.4123	0.9776	-0.6393	-17.0176
N+12.10	M9	CC12-2-8	Bottom	-24.8576	-17.1103	-1.4123	0.9776	-0.8475	-17.0176
N+12.10	M9	CC12-3-1	Bottom	8.7132	27.5204	2.1821	-1.2676	1.6644	28.2919
N+12.10	M9	CC12-3-2	Bottom	8.7132	-4.1645	2.1821	-1.2676	1.4562	28.2919
N+12.10	M9	CC12-3-3	Bottom	8.7132	27.5204	1.8862	-1.2676	1.6644	5.565
N+12.10	M9	CC12-3-4	Bottom	8.7132	-4.1645	1.8862	-1.2676	1.4562	5.565
N+12.10	M9	CC12-3-5	Bottom	7.4835	27.5204	2.1821	-2.2227	1.6644	28.2919
N+12.10	M9	CC12-3-6	Bottom	7.4835	-4.1645	2.1821	-2.2227	1.4562	28.2919
N+12.10	M9	CC12-3-7	Bottom	7.4835	27.5204	1.8862	-2.2227	1.6644	5.565
N+12.10	M9	CC12-3-8	Bottom	7.4835	-4.1645	1.8862	-2.2227	1.4562	5.565
N+12.10	M9	CC13-1	Bottom	-34.3951	99.1907	-1.343	2.8593	-0.8755	66.0063
N+12.10	M9	CC13-2	Bottom	-34.3951	5.5559	-1.343	2.8593	-1.4021	66.0063
N+12.10	M9	CC13-3	Bottom	-34.3951	99.1907	-2.1729	2.8593	-0.8755	-3.6709
N+12.10	M9	CC13-4	Bottom	-34.3951	5.5559	-2.1729	2.8593	-1.4021	-3.6709
N+12.10	M9	CC13-5	Bottom	-38.1093	99.1907	-1.343	1.7641	-0.8755	66.0063
N+12.10	M9	CC13-6	Bottom	-38.1093	5.5559	-1.343	1.7641	-1.4021	66.0063
N+12.10	M9	CC13-7	Bottom	-38.1093	99.1907	-2.1729	1.7641	-0.8755	-3.6709
N+12.10	M9	CC13-8	Bottom	-38.1093	5.5559	-2.1729	1.7641	-1.4021	-3.6709
N+12.10	M9	CC13-1-1	Bottom	1.4953	23.6366	1.1925	-0.1817	0.9733	21.5171
N+12.10	M9	CC13-1-2	Bottom	1.4953	-69.9982	1.1925	-0.1817	0.4467	21.5171
N+12.10	M9	CC13-1-3	Bottom	1.4953	23.6366	0.3626	-0.1817	0.9733	-48.1601
N+12.10	M9	CC13-1-4	Bottom	1.4953	-69.9982	0.3626	-0.1817	0.4467	-48.1601
N+12.10	M9	CC13-1-5	Bottom	-2.2188	23.6366	1.1925	-1.2768	0.9733	21.5171
N+12.10	M9	CC13-1-6	Bottom	-2.2188	-69.9982	1.1925	-1.2768	0.4467	21.5171
N+12.10	M9	CC13-1-7	Bottom	-2.2188	23.6366	0.3626	-1.2768	0.9733	-48.1601
N+12.10	M9	CC13-1-8	Bottom	-2.2188	-69.9982	0.3626	-1.2768	0.4467	-48.1601
N+12.10	M9	CC13-2-1	Bottom	-24.6928	103.0745	-0.3534	1.8991	-0.1844	72.781
N+12.10	M9	CC13-2-2	Bottom	-24.6928	9.4397	-0.3534	1.8991	-0.711	72.781
N+12.10	M9	CC13-2-3	Bottom	-24.6928	103.0745	-1.1834	1.8991	-0.1844	3.1039
N+12.10	M9	CC13-2-4	Bottom	-24.6928	9.4397	-1.1834	1.8991	-0.711	3.1039
N+12.10	M9	CC13-2-5	Bottom	-28.4069	103.0745	-0.3534	0.804	-0.1844	72.781
N+12.10	M9	CC13-2-6	Bottom	-28.4069	9.4397	-0.3534	0.804	-0.711	72.781
N+12.10	M9	CC13-2-7	Bottom	-28.4069	103.0745	-1.1834	0.804	-0.1844	3.1039
N+12.10	M9	CC13-2-8	Bottom	-28.4069	9.4397	-1.1834	0.804	-0.711	3.1039

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N+12.10	M9	CC13-3-1	Bottom	11.1977	27.5204	2.1821	-1.1418	1.6644	28.2919
N+12.10	M9	CC13-3-2	Bottom	11.1977	-66.1144	2.1821	-1.1418	1.1377	28.2919
N+12.10	M9	CC13-3-3	Bottom	11.1977	27.5204	1.3522	-1.1418	1.6644	-41.3853
N+12.10	M9	CC13-3-4	Bottom	11.1977	-66.1144	1.3522	-1.1418	1.1377	-41.3853
N+12.10	M9	CC13-3-5	Bottom	7.4835	27.5204	2.1821	-2.2369	1.6644	28.2919
N+12.10	M9	CC13-3-6	Bottom	7.4835	-66.1144	2.1821	-2.2369	1.1377	28.2919
N+12.10	M9	CC13-3-7	Bottom	7.4835	27.5204	1.3522	-2.2369	1.6644	-41.3853
N+12.10	M9	CC13-3-8	Bottom	7.4835	-66.1144	1.3522	-2.2369	1.1377	-41.3853
N+12.10	M10	CC12-1	Bottom	-71.3548	45.1363	-2.2771	2.4544	-3.0506	169.632
N+12.10	M10	CC12-2	Bottom	-71.3548	31.4173	-2.2771	2.4544	-3.5969	169.632
N+12.10	M10	CC12-3	Bottom	-71.3548	45.1363	-2.5461	2.4544	-3.0506	125.3256
N+12.10	M10	CC12-4	Bottom	-71.3548	31.4173	-2.5461	2.4544	-3.5969	125.3256
N+12.10	M10	CC12-5	Bottom	-79.7441	45.1363	-2.2771	1.7321	-3.0506	169.632
N+12.10	M10	CC12-6	Bottom	-79.7441	31.4173	-2.2771	1.7321	-3.5969	169.632
N+12.10	M10	CC12-7	Bottom	-79.7441	45.1363	-2.5461	1.7321	-3.0506	125.3256
N+12.10	M10	CC12-8	Bottom	-79.7441	31.4173	-2.5461	1.7321	-3.5969	125.3256
N+12.10	M10	CC12-1-1	Bottom	-20.5001	-22.4103	-1.0376	-0.1651	-0.2824	-57.114
N+12.10	M10	CC12-1-2	Bottom	-20.5001	-36.1294	-1.0376	-0.1651	-0.8286	-57.114
N+12.10	M10	CC12-1-3	Bottom	-20.5001	-22.4103	-1.3066	-0.1651	-0.2824	-101.4204
N+12.10	M10	CC12-1-4	Bottom	-20.5001	-36.1294	-1.3066	-0.1651	-0.8286	-101.4204
N+12.10	M10	CC12-1-5	Bottom	-28.8894	-22.4103	-1.0376	-0.8874	-0.2824	-57.114
N+12.10	M10	CC12-1-6	Bottom	-28.8894	-36.1294	-1.0376	-0.8874	-0.8286	-57.114
N+12.10	M10	CC12-1-7	Bottom	-28.8894	-22.4103	-1.3066	-0.8874	-0.2824	-101.4204
N+12.10	M10	CC12-1-8	Bottom	-28.8894	-36.1294	-1.3066	-0.8874	-0.8286	-101.4204
N+12.10	M10	CC12-2-1	Bottom	-52.801	19.114	-2.0099	1.8707	-2.4509	83.009
N+12.10	M10	CC12-2-2	Bottom	-52.801	5.395	-2.0099	1.8707	-2.9972	83.009
N+12.10	M10	CC12-2-3	Bottom	-52.801	19.114	-2.2789	1.8707	-2.4509	38.7026
N+12.10	M10	CC12-2-4	Bottom	-52.801	5.395	-2.2789	1.8707	-2.9972	38.7026
N+12.10	M10	CC12-2-5	Bottom	-61.1903	19.114	-2.0099	1.1483	-2.4509	83.009
N+12.10	M10	CC12-2-6	Bottom	-61.1903	5.395	-2.0099	1.1483	-2.9972	83.009
N+12.10	M10	CC12-2-7	Bottom	-61.1903	19.114	-2.2789	1.1483	-2.4509	38.7026
N+12.10	M10	CC12-2-8	Bottom	-61.1903	5.395	-2.2789	1.1483	-2.9972	38.7026
N+12.10	M10	CC12-3-1	Bottom	-1.9463	-48.4326	-0.7704	-0.7488	0.3173	-143.7369
N+12.10	M10	CC12-3-2	Bottom	-1.9463	-62.1517	-0.7704	-0.7488	-0.229	-143.7369
N+12.10	M10	CC12-3-3	Bottom	-1.9463	-48.4326	-1.0394	-0.7488	0.3173	-188.0433
N+12.10	M10	CC12-3-4	Bottom	-1.9463	-62.1517	-1.0394	-0.7488	-0.229	-188.0433
N+12.10	M10	CC12-3-5	Bottom	-10.3356	-48.4326	-0.7704	-1.4712	0.3173	-143.7369

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N+12.10	M10	CC12-3-6	Bottom	-10.3356	-62.1517	-0.7704	-1.4712	-0.229	-143.7369
N+12.10	M10	CC12-3-7	Bottom	-10.3356	-48.4326	-1.0394	-1.4712	0.3173	-188.0433
N+12.10	M10	CC12-3-8	Bottom	-10.3356	-62.1517	-1.0394	-1.4712	-0.229	-188.0433
N+12.10	M10	CC13-1	Bottom	-71.3548	58.5723	-2.0329	2.4544	-2.5121	213.03
N+12.10	M10	CC13-2	Bottom	-71.3548	31.4173	-2.0329	2.4544	-3.5969	213.03
N+12.10	M10	CC13-3	Bottom	-71.3548	58.5723	-2.5461	2.4544	-2.5121	125.3256
N+12.10	M10	CC13-4	Bottom	-71.3548	31.4173	-2.5461	2.4544	-3.5969	125.3256
N+12.10	M10	CC13-5	Bottom	-87.438	58.5723	-2.0329	1.2604	-2.5121	213.03
N+12.10	M10	CC13-6	Bottom	-87.438	31.4173	-2.0329	1.2604	-3.5969	213.03
N+12.10	M10	CC13-7	Bottom	-87.438	58.5723	-2.5461	1.2604	-2.5121	125.3256
N+12.10	M10	CC13-8	Bottom	-87.438	31.4173	-2.5461	1.2604	-3.5969	125.3256
N+12.10	M10	CC13-1-1	Bottom	-9.5088	-28.1686	-1.1422	0.5087	-0.5132	-75.7131
N+12.10	M10	CC13-1-2	Bottom	-9.5088	-55.3237	-1.1422	0.5087	-1.5979	-75.7131
N+12.10	M10	CC13-1-3	Bottom	-9.5088	-28.1686	-1.6554	0.5087	-0.5132	-163.4176
N+12.10	M10	CC13-1-4	Bottom	-9.5088	-55.3237	-1.6554	0.5087	-1.5979	-163.4176
N+12.10	M10	CC13-1-5	Bottom	-25.592	-28.1686	-1.1422	-0.6853	-0.5132	-75.7131
N+12.10	M10	CC13-1-6	Bottom	-25.592	-55.3237	-1.1422	-0.6853	-1.5979	-75.7131
N+12.10	M10	CC13-1-7	Bottom	-25.592	-28.1686	-1.6554	-0.6853	-0.5132	-163.4176
N+12.10	M10	CC13-1-8	Bottom	-25.592	-55.3237	-1.6554	-0.6853	-1.5979	-163.4176
N+12.10	M10	CC13-2-1	Bottom	-56.0984	38.3083	-1.6611	1.6686	-1.6816	145.0062
N+12.10	M10	CC13-2-2	Bottom	-56.0984	11.1533	-1.6611	1.6686	-2.7664	145.0062
N+12.10	M10	CC13-2-3	Bottom	-56.0984	38.3083	-2.1743	1.6686	-1.6816	57.3018
N+12.10	M10	CC13-2-4	Bottom	-56.0984	11.1533	-2.1743	1.6686	-2.7664	57.3018
N+12.10	M10	CC13-2-5	Bottom	-72.1816	38.3083	-1.6611	0.4746	-1.6816	145.0062
N+12.10	M10	CC13-2-6	Bottom	-72.1816	11.1533	-1.6611	0.4746	-2.7664	145.0062
N+12.10	M10	CC13-2-7	Bottom	-72.1816	38.3083	-2.1743	0.4746	-1.6816	57.3018
N+12.10	M10	CC13-2-8	Bottom	-72.1816	11.1533	-2.1743	0.4746	-2.7664	57.3018
N+12.10	M10	CC13-3-1	Bottom	5.7476	-48.4326	-0.7704	-0.2772	0.3173	-143.7369
N+12.10	M10	CC13-3-2	Bottom	5.7476	-75.5877	-0.7704	-0.2772	-0.7675	-143.7369
N+12.10	M10	CC13-3-3	Bottom	5.7476	-48.4326	-1.2836	-0.2772	0.3173	-231.4414
N+12.10	M10	CC13-3-4	Bottom	5.7476	-75.5877	-1.2836	-0.2772	-0.7675	-231.4414
N+12.10	M10	CC13-3-5	Bottom	-10.3356	-48.4326	-0.7704	-1.4712	0.3173	-143.7369
N+12.10	M10	CC13-3-6	Bottom	-10.3356	-75.5877	-0.7704	-1.4712	-0.7675	-143.7369
N+12.10	M10	CC13-3-7	Bottom	-10.3356	-48.4326	-1.2836	-1.4712	0.3173	-231.4414
N+12.10	M10	CC13-3-8	Bottom	-10.3356	-75.5877	-1.2836	-1.4712	-0.7675	-231.4414
N+10.43	M1	CC12-1	Bottom	-12.7126	-15.9731	-1.9617	0.8563	-2.6736	-24.9857
N+10.43	M1	CC12-2	Bottom	-12.7126	-26.8868	-1.9617	0.8563	-6.3925	-24.9857

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N+10.43	M1	CC12-3	Bottom	-12.7126	-15.9731	-4.6482	0.8563	-2.6736	-46.7472
N+10.43	M1	CC12-4	Bottom	-12.7126	-26.8868	-4.6482	0.8563	-6.3925	-46.7472
N+10.43	M1	CC12-5	Bottom	-13.721	-15.9731	-1.9617	0.4687	-2.6736	-24.9857
N+10.43	M1	CC12-6	Bottom	-13.721	-26.8868	-1.9617	0.4687	-6.3925	-24.9857
N+10.43	M1	CC12-7	Bottom	-13.721	-15.9731	-4.6482	0.4687	-2.6736	-46.7472
N+10.43	M1	CC12-8	Bottom	-13.721	-26.8868	-4.6482	0.4687	-6.3925	-46.7472
N+10.43	M1	CC12-1-1	Bottom	-18.9652	7.1356	6.6588	-0.4654	9.3153	26.4219
N+10.43	M1	CC12-1-2	Bottom	-18.9652	-3.7782	6.6588	-0.4654	5.5964	26.4219
N+10.43	M1	CC12-1-3	Bottom	-18.9652	7.1356	3.9723	-0.4654	9.3153	4.6604
N+10.43	M1	CC12-1-4	Bottom	-18.9652	-3.7782	3.9723	-0.4654	5.5964	4.6604
N+10.43	M1	CC12-1-5	Bottom	-19.9735	7.1356	6.6588	-0.8531	9.3153	26.4219
N+10.43	M1	CC12-1-6	Bottom	-19.9735	-3.7782	6.6588	-0.8531	5.5964	26.4219
N+10.43	M1	CC12-1-7	Bottom	-19.9735	7.1356	3.9723	-0.8531	9.3153	4.6604
N+10.43	M1	CC12-1-8	Bottom	-19.9735	-3.7782	3.9723	-0.8531	5.5964	4.6604
N+10.43	M1	CC12-2-1	Bottom	-14.3922	-16.7042	-0.7559	0.5755	-0.9794	-25.1374
N+10.43	M1	CC12-2-2	Bottom	-14.3922	-27.618	-0.7559	0.5755	-4.6983	-25.1374
N+10.43	M1	CC12-2-3	Bottom	-14.3922	-16.7042	-3.4424	0.5755	-0.9794	-46.8989
N+10.43	M1	CC12-2-4	Bottom	-14.3922	-27.618	-3.4424	0.5755	-4.6983	-46.8989
N+10.43	M1	CC12-2-5	Bottom	-15.4006	-16.7042	-0.7559	0.1878	-0.9794	-25.1374
N+10.43	M1	CC12-2-6	Bottom	-15.4006	-27.618	-0.7559	0.1878	-4.6983	-25.1374
N+10.43	M1	CC12-2-7	Bottom	-15.4006	-16.7042	-3.4424	0.1878	-0.9794	-46.8989
N+10.43	M1	CC12-2-8	Bottom	-15.4006	-27.618	-3.4424	0.1878	-4.6983	-46.8989
N+10.43	M1	CC12-3-1	Bottom	-20.6448	6.4044	7.8646	-0.7463	11.0095	26.2702
N+10.43	M1	CC12-3-2	Bottom	-20.6448	-4.5094	7.8646	-0.7463	7.2906	26.2702
N+10.43	M1	CC12-3-3	Bottom	-20.6448	6.4044	5.1781	-0.7463	11.0095	4.5087
N+10.43	M1	CC12-3-4	Bottom	-20.6448	-4.5094	5.1781	-0.7463	7.2906	4.5087
N+10.43	M1	CC12-3-5	Bottom	-21.6532	6.4044	7.8646	-1.1339	11.0095	26.2702
N+10.43	M1	CC12-3-6	Bottom	-21.6532	-4.5094	7.8646	-1.1339	7.2906	26.2702
N+10.43	M1	CC12-3-7	Bottom	-21.6532	6.4044	5.1781	-1.1339	11.0095	4.5087
N+10.43	M1	CC12-3-8	Bottom	-21.6532	-4.5094	5.1781	-1.1339	7.2906	4.5087
N+10.43	M1	CC13-1	Bottom	-12.7126	1.9091	1.2591	0.8563	1.7656	11.3536
N+10.43	M1	CC13-2	Bottom	-12.7126	-26.8868	1.2591	0.8563	-6.3925	11.3536
N+10.43	M1	CC13-3	Bottom	-12.7126	1.9091	-4.6482	0.8563	1.7656	-46.7472
N+10.43	M1	CC13-4	Bottom	-12.7126	-26.8868	-4.6482	0.8563	-6.3925	-46.7472
N+10.43	M1	CC13-5	Bottom	-14.1787	1.9091	1.2591	0.1987	1.7656	11.3536
N+10.43	M1	CC13-6	Bottom	-14.1787	-26.8868	1.2591	0.1987	-6.3925	11.3536
N+10.43	M1	CC13-7	Bottom	-14.1787	1.9091	-4.6482	0.1987	1.7656	-46.7472

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N+10.43	M1	CC13-8	Bottom	-14.1787	-26.8868	-4.6482	0.1987	-6.3925	-46.7472
N+10.43	M1	CC13-1-1	Bottom	-18.3113	-0.5282	5.2785	-0.0798	7.4128	10.8479
N+10.43	M1	CC13-1-2	Bottom	-18.3113	-29.3241	5.2785	-0.0798	-0.7453	10.8479
N+10.43	M1	CC13-1-3	Bottom	-18.3113	-0.5282	-0.6288	-0.0798	7.4128	-47.2529
N+10.43	M1	CC13-1-4	Bottom	-18.3113	-29.3241	-0.6288	-0.0798	-0.7453	-47.2529
N+10.43	M1	CC13-1-5	Bottom	-19.7774	-0.5282	5.2785	-0.7374	7.4128	10.8479
N+10.43	M1	CC13-1-6	Bottom	-19.7774	-29.3241	5.2785	-0.7374	-0.7453	10.8479
N+10.43	M1	CC13-1-7	Bottom	-19.7774	-0.5282	-0.6288	-0.7374	7.4128	-47.2529
N+10.43	M1	CC13-1-8	Bottom	-19.7774	-29.3241	-0.6288	-0.7374	-0.7453	-47.2529
N+10.43	M1	CC13-2-1	Bottom	-14.5884	8.8417	3.8452	0.4598	5.3623	26.7759
N+10.43	M1	CC13-2-2	Bottom	-14.5884	-19.9542	3.8452	0.4598	-2.7958	26.7759
N+10.43	M1	CC13-2-3	Bottom	-14.5884	8.8417	-2.0621	0.4598	5.3623	-31.3249
N+10.43	M1	CC13-2-4	Bottom	-14.5884	-19.9542	-2.0621	0.4598	-2.7958	-31.3249
N+10.43	M1	CC13-2-5	Bottom	-16.0545	8.8417	3.8452	-0.1978	5.3623	26.7759
N+10.43	M1	CC13-2-6	Bottom	-16.0545	-19.9542	3.8452	-0.1978	-2.7958	26.7759
N+10.43	M1	CC13-2-7	Bottom	-16.0545	8.8417	-2.0621	-0.1978	5.3623	-31.3249
N+10.43	M1	CC13-2-8	Bottom	-16.0545	-19.9542	-2.0621	-0.1978	-2.7958	-31.3249
N+10.43	M1	CC13-3-1	Bottom	-20.1871	6.4044	7.8646	-0.4763	11.0095	26.2702
N+10.43	M1	CC13-3-2	Bottom	-20.1871	-22.3915	7.8646	-0.4763	2.8514	26.2702
N+10.43	M1	CC13-3-3	Bottom	-20.1871	6.4044	1.9573	-0.4763	11.0095	-31.8307
N+10.43	M1	CC13-3-4	Bottom	-20.1871	-22.3915	1.9573	-0.4763	2.8514	-31.8307
N+10.43	M1	CC13-3-5	Bottom	-21.6532	6.4044	7.8646	-1.1339	11.0095	26.2702
N+10.43	M1	CC13-3-6	Bottom	-21.6532	-22.3915	7.8646	-1.1339	2.8514	26.2702
N+10.43	M1	CC13-3-7	Bottom	-21.6532	6.4044	1.9573	-1.1339	11.0095	-31.8307
N+10.43	M1	CC13-3-8	Bottom	-21.6532	-22.3915	1.9573	-1.1339	2.8514	-31.8307
N+10.43	M2	CC12-1	Bottom	-2.9967	-3.5943	-3.5365	3.2117	-4.917	-17.5529
N+10.43	M2	CC12-2	Bottom	-2.9967	-24.4405	-3.5365	3.2117	-7.4142	-17.5529
N+10.43	M2	CC12-3	Bottom	-2.9967	-3.5943	-5.3162	3.2117	-4.917	-58.0559
N+10.43	M2	CC12-4	Bottom	-2.9967	-24.4405	-5.3162	3.2117	-7.4142	-58.0559
N+10.43	M2	CC12-5	Bottom	-10.3752	-3.5943	-3.5365	1.5586	-4.917	-17.5529
N+10.43	M2	CC12-6	Bottom	-10.3752	-24.4405	-3.5365	1.5586	-7.4142	-17.5529
N+10.43	M2	CC12-7	Bottom	-10.3752	-3.5943	-5.3162	1.5586	-4.917	-58.0559
N+10.43	M2	CC12-8	Bottom	-10.3752	-24.4405	-5.3162	1.5586	-7.4142	-58.0559
N+10.43	M2	CC12-1-1	Bottom	-25.5072	44.7514	4.6312	-0.8649	6.5091	80.6906
N+10.43	M2	CC12-1-2	Bottom	-25.5072	23.9052	4.6312	-0.8649	4.0118	80.6906
N+10.43	M2	CC12-1-3	Bottom	-25.5072	44.7514	2.8515	-0.8649	6.5091	40.1876
N+10.43	M2	CC12-1-4	Bottom	-25.5072	23.9052	2.8515	-0.8649	4.0118	40.1876

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N+10.43	M2	CC12-1-5	Bottom	-32.8857	44.7514	4.6312	-2.5181	6.5091	80.6906
N+10.43	M2	CC12-1-6	Bottom	-32.8857	23.9052	4.6312	-2.5181	4.0118	80.6906
N+10.43	M2	CC12-1-7	Bottom	-32.8857	44.7514	2.8515	-2.5181	6.5091	40.1876
N+10.43	M2	CC12-1-8	Bottom	-32.8857	23.9052	2.8515	-2.5181	4.0118	40.1876
N+10.43	M2	CC12-2-1	Bottom	-4.7668	-3.7527	-2.3356	2.8883	-3.2428	-17.6074
N+10.43	M2	CC12-2-2	Bottom	-4.7668	-24.599	-2.3356	2.8883	-5.74	-17.6074
N+10.43	M2	CC12-2-3	Bottom	-4.7668	-3.7527	-4.1153	2.8883	-3.2428	-58.1104
N+10.43	M2	CC12-2-4	Bottom	-4.7668	-24.599	-4.1153	2.8883	-5.74	-58.1104
N+10.43	M2	CC12-2-5	Bottom	-12.1453	-3.7527	-2.3356	1.2351	-3.2428	-17.6074
N+10.43	M2	CC12-2-6	Bottom	-12.1453	-24.599	-2.3356	1.2351	-5.74	-17.6074
N+10.43	M2	CC12-2-7	Bottom	-12.1453	-3.7527	-4.1153	1.2351	-3.2428	-58.1104
N+10.43	M2	CC12-2-8	Bottom	-12.1453	-24.599	-4.1153	1.2351	-5.74	-58.1104
N+10.43	M2	CC12-3-1	Bottom	-27.2773	44.5929	5.832	-1.1884	8.1833	80.6361
N+10.43	M2	CC12-3-2	Bottom	-27.2773	23.7467	5.832	-1.1884	5.6861	80.6361
N+10.43	M2	CC12-3-3	Bottom	-27.2773	44.5929	4.0523	-1.1884	8.1833	40.1331
N+10.43	M2	CC12-3-4	Bottom	-27.2773	23.7467	4.0523	-1.1884	5.6861	40.1331
N+10.43	M2	CC12-3-5	Bottom	-34.6558	44.5929	5.832	-2.8416	8.1833	80.6361
N+10.43	M2	CC12-3-6	Bottom	-34.6558	23.7467	5.832	-2.8416	5.6861	80.6361
N+10.43	M2	CC12-3-7	Bottom	-34.6558	44.5929	4.0523	-2.8416	8.1833	40.1331
N+10.43	M2	CC12-3-8	Bottom	-34.6558	23.7467	4.0523	-2.8416	5.6861	40.1331
N+10.43	M2	CC13-1	Bottom	-2.9967	30.6175	-0.6212	3.2117	-0.8252	51.3447
N+10.43	M2	CC13-2	Bottom	-2.9967	-24.4405	-0.6212	3.2117	-7.4142	51.3447
N+10.43	M2	CC13-3	Bottom	-2.9967	30.6175	-5.3162	3.2117	-0.8252	-58.0559
N+10.43	M2	CC13-4	Bottom	-2.9967	-24.4405	-5.3162	3.2117	-7.4142	-58.0559
N+10.43	M2	CC13-5	Bottom	-22.0025	30.6175	-0.6212	-0.5403	-0.8252	51.3447
N+10.43	M2	CC13-6	Bottom	-22.0025	-24.4405	-0.6212	-0.5403	-7.4142	51.3447
N+10.43	M2	CC13-7	Bottom	-22.0025	30.6175	-5.3162	-0.5403	-0.8252	-58.0559
N+10.43	M2	CC13-8	Bottom	-22.0025	-24.4405	-5.3162	-0.5403	-7.4142	-58.0559
N+10.43	M2	CC13-1-1	Bottom	-8.8969	30.0892	3.3817	2.1335	4.7555	51.163
N+10.43	M2	CC13-1-2	Bottom	-8.8969	-24.9688	3.3817	2.1335	-1.8335	51.163
N+10.43	M2	CC13-1-3	Bottom	-8.8969	30.0892	-1.3133	2.1335	4.7555	-58.2376
N+10.43	M2	CC13-1-4	Bottom	-8.8969	-24.9688	-1.3133	2.1335	-1.8335	-58.2376
N+10.43	M2	CC13-1-5	Bottom	-27.9026	30.0892	3.3817	-1.6186	4.7555	51.163
N+10.43	M2	CC13-1-6	Bottom	-27.9026	-24.9688	3.3817	-1.6186	-1.8335	51.163
N+10.43	M2	CC13-1-7	Bottom	-27.9026	30.0892	-1.3133	-1.6186	4.7555	-58.2376
N+10.43	M2	CC13-1-8	Bottom	-27.9026	-24.9688	-1.3133	-1.6186	-1.8335	-58.2376
N+10.43	M2	CC13-2-1	Bottom	-9.7499	45.1212	1.8291	1.9887	2.6026	80.8178

N+10.43	M2	CC13-2-2	Bottom	-9.7499	-9.9368	1.8291	1.9887	-3.9864	80.8178
N+10.43	M2	CC13-2-3	Bottom	-9.7499	45.1212	-2.8659	1.9887	2.6026	-28.5829
N+10.43	M2	CC13-2-4	Bottom	-9.7499	-9.9368	-2.8659	1.9887	-3.9864	-28.5829
N+10.43	M2	CC13-2-5	Bottom	-28.7556	45.1212	1.8291	-1.7633	2.6026	80.8178
N+10.43	M2	CC13-2-6	Bottom	-28.7556	-9.9368	1.8291	-1.7633	-3.9864	80.8178
N+10.43	M2	CC13-2-7	Bottom	-28.7556	45.1212	-2.8659	-1.7633	2.6026	-28.5829
N+10.43	M2	CC13-2-8	Bottom	-28.7556	-9.9368	-2.8659	-1.7633	-3.9864	-28.5829
N+10.43	M2	CC13-3-1	Bottom	-15.65	44.5929	5.832	0.9105	8.1833	80.6361
N+10.43	M2	CC13-3-2	Bottom	-15.65	-10.4651	5.832	0.9105	1.5943	80.6361
N+10.43	M2	CC13-3-3	Bottom	-15.65	44.5929	1.137	0.9105	8.1833	-28.7646
N+10.43	M2	CC13-3-4	Bottom	-15.65	-10.4651	1.137	0.9105	1.5943	-28.7646
N+10.43	M2	CC13-3-5	Bottom	-34.6558	44.5929	5.832	-2.8416	8.1833	80.6361
N+10.43	M2	CC13-3-6	Bottom	-34.6558	-10.4651	5.832	-2.8416	1.5943	80.6361
N+10.43	M2	CC13-3-7	Bottom	-34.6558	44.5929	1.137	-2.8416	8.1833	-28.7646
N+10.43	M2	CC13-3-8	Bottom	-34.6558	-10.4651	1.137	-2.8416	1.5943	-28.7646
N+10.43	M3	CC12-1	Bottom	-123.8524	291.0794	7.7639	17.0006	12.5812	950.8887
N+10.43	M3	CC12-2	Bottom	-123.8524	206.9878	7.7639	17.0006	3.4125	950.8887
N+10.43	M3	CC12-3	Bottom	-123.8524	291.0794	2.4288	17.0006	12.5812	669.7727
N+10.43	M3	CC12-4	Bottom	-123.8524	206.9878	2.4288	17.0006	3.4125	669.7727
N+10.43	M3	CC12-5	Bottom	-164.6459	291.0794	7.7639	9.8369	12.5812	950.8887
N+10.43	M3	CC12-6	Bottom	-164.6459	206.9878	7.7639	9.8369	3.4125	950.8887
N+10.43	M3	CC12-7	Bottom	-164.6459	291.0794	2.4288	9.8369	12.5812	669.7727
N+10.43	M3	CC12-8	Bottom	-164.6459	206.9878	2.4288	9.8369	3.4125	669.7727
N+10.43	M3	CC12-1-1	Bottom	-30.9855	-133.2039	5.1218	-10.8681	9.7348	-377.5664
N+10.43	M3	CC12-1-2	Bottom	-30.9855	-217.2954	5.1218	-10.8681	0.566	-377.5664
N+10.43	M3	CC12-1-3	Bottom	-30.9855	-133.2039	-0.2133	-10.8681	9.7348	-658.6824
N+10.43	M3	CC12-1-4	Bottom	-30.9855	-217.2954	-0.2133	-10.8681	0.566	-658.6824
N+10.43	M3	CC12-1-5	Bottom	-71.779	-133.2039	5.1218	-18.0317	9.7348	-377.5664
N+10.43	M3	CC12-1-6	Bottom	-71.779	-217.2954	5.1218	-18.0317	0.566	-377.5664
N+10.43	M3	CC12-1-7	Bottom	-71.779	-133.2039	-0.2133	-18.0317	9.7348	-658.6824
N+10.43	M3	CC12-1-8	Bottom	-71.779	-217.2954	-0.2133	-18.0317	0.566	-658.6824
N+10.43	M3	CC12-2-1	Bottom	-128.3691	204.6543	2.1009	6.8887	3.1645	708.6327
N+10.43	M3	CC12-2-2	Bottom	-128.3691	120.5627	2.1009	6.8887	-6.0042	708.6327
N+10.43	M3	CC12-2-3	Bottom	-128.3691	204.6543	-3.2342	6.8887	3.1645	427.5167
N+10.43	M3	CC12-2-4	Bottom	-128.3691	120.5627	-3.2342	6.8887	-6.0042	427.5167
N+10.43	M3	CC12-2-5	Bottom	-169.1627	204.6543	2.1009	-0.2749	3.1645	708.6327
N+10.43	M3	CC12-2-6	Bottom	-169.1627	120.5627	2.1009	-0.2749	-6.0042	708.6327

N+10.43	M3	CC12-2-7	Bottom	-169.1627	204.6543	-3.2342	-0.2749	3.1645	427.5167
N+10.43	M3	CC12-2-8	Bottom	-169.1627	120.5627	-3.2342	-0.2749	-6.0042	427.5167
N+10.43	M3	CC12-3-1	Bottom	-35.5022	-219.6289	-0.5412	-20.98	0.318	-619.8224
N+10.43	M3	CC12-3-2	Bottom	-35.5022	-303.7205	-0.5412	-20.98	-8.8507	-619.8224
N+10.43	M3	CC12-3-3	Bottom	-35.5022	-219.6289	-5.8763	-20.98	0.318	-900.9384
N+10.43	M3	CC12-3-4	Bottom	-35.5022	-303.7205	-5.8763	-20.98	-8.8507	-900.9384
N+10.43	M3	CC12-3-5	Bottom	-76.2957	-219.6289	-0.5412	-28.1436	0.318	-619.8224
N+10.43	M3	CC12-3-6	Bottom	-76.2957	-303.7205	-0.5412	-28.1436	-8.8507	-619.8224
N+10.43	M3	CC12-3-7	Bottom	-76.2957	-219.6289	-5.8763	-28.1436	0.318	-900.9384
N+10.43	M3	CC12-3-8	Bottom	-76.2957	-303.7205	-5.8763	-28.1436	-8.8507	-900.9384
N+10.43	M3	CC13-1	Bottom	-48.3065	291.0794	19.1281	21.0868	32.5611	950.8887
N+10.43	M3	CC13-2	Bottom	-48.3065	111.6481	19.1281	21.0868	3.4125	950.8887
N+10.43	M3	CC13-3	Bottom	-48.3065	291.0794	2.4288	21.0868	32.5611	305.118
N+10.43	M3	CC13-4	Bottom	-48.3065	111.6481	2.4288	21.0868	3.4125	305.118
N+10.43	M3	CC13-5	Bottom	-164.6459	291.0794	19.1281	9.8369	32.5611	950.8887
N+10.43	M3	CC13-6	Bottom	-164.6459	111.6481	19.1281	9.8369	3.4125	950.8887
N+10.43	M3	CC13-7	Bottom	-164.6459	291.0794	2.4288	9.8369	32.5611	305.118
N+10.43	M3	CC13-8	Bottom	-164.6459	111.6481	2.4288	9.8369	3.4125	305.118
N+10.43	M3	CC13-1-1	Bottom	-63.3623	2.9958	0.2514	-12.6194	1.172	143.3688
N+10.43	M3	CC13-1-2	Bottom	-63.3623	-176.4355	0.2514	-12.6194	-27.9766	143.3688
N+10.43	M3	CC13-1-3	Bottom	-63.3623	2.9958	-16.4479	-12.6194	1.172	-502.4018
N+10.43	M3	CC13-1-4	Bottom	-63.3623	-176.4355	-16.4479	-12.6194	-27.9766	-502.4018
N+10.43	M3	CC13-1-5	Bottom	-179.7017	2.9958	0.2514	-23.8692	1.172	143.3688
N+10.43	M3	CC13-1-6	Bottom	-179.7017	-176.4355	0.2514	-23.8692	-27.9766	143.3688
N+10.43	M3	CC13-1-7	Bottom	-179.7017	2.9958	-16.4479	-23.8692	1.172	-502.4018
N+10.43	M3	CC13-1-8	Bottom	-179.7017	-176.4355	-16.4479	-23.8692	-27.9766	-502.4018
N+10.43	M3	CC13-2-1	Bottom	-20.4465	163.7944	18.3355	12.7262	31.7071	552.3522
N+10.43	M3	CC13-2-2	Bottom	-20.4465	-15.6369	18.3355	12.7262	2.5586	552.3522
N+10.43	M3	CC13-2-3	Bottom	-20.4465	163.7944	1.6362	12.7262	31.7071	-93.4185
N+10.43	M3	CC13-2-4	Bottom	-20.4465	-15.6369	1.6362	12.7262	2.5586	-93.4185
N+10.43	M3	CC13-2-5	Bottom	-136.7859	163.7944	18.3355	1.4763	31.7071	552.3522
N+10.43	M3	CC13-2-6	Bottom	-136.7859	-15.6369	18.3355	1.4763	2.5586	552.3522
N+10.43	M3	CC13-2-7	Bottom	-136.7859	163.7944	1.6362	1.4763	31.7071	-93.4185
N+10.43	M3	CC13-2-8	Bottom	-136.7859	-15.6369	1.6362	1.4763	2.5586	-93.4185
N+10.43	M3	CC13-3-1	Bottom	-35.5022	-124.2892	-0.5412	-20.98	0.318	-255.1677
N+10.43	M3	CC13-3-2	Bottom	-35.5022	-303.7205	-0.5412	-20.98	-28.8305	-255.1677
N+10.43	M3	CC13-3-3	Bottom	-35.5022	-124.2892	-17.2405	-20.98	0.318	-900.9384

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N+10.43	M3	CC13-3-4	Bottom	-35.5022	-303.7205	-17.2405	-20.98	-28.8305	-900.9384
N+10.43	M3	CC13-3-5	Bottom	-151.8416	-124.2892	-0.5412	-32.2298	0.318	-255.1677
N+10.43	M3	CC13-3-6	Bottom	-151.8416	-303.7205	-0.5412	-32.2298	-28.8305	-255.1677
N+10.43	M3	CC13-3-7	Bottom	-151.8416	-124.2892	-17.2405	-32.2298	0.318	-900.9384
N+10.43	M3	CC13-3-8	Bottom	-151.8416	-303.7205	-17.2405	-32.2298	-28.8305	-900.9384
N+10.43	M4	CC12-1	Bottom	2.878	13.2545	0.0295	0.4922	0.0364	25.6074
N+10.43	M4	CC12-2	Bottom	2.878	7.3776	0.0295	0.4922	-0.0338	25.6074
N+10.43	M4	CC12-3	Bottom	2.878	13.2545	0.0049	0.4922	0.0364	15.3452
N+10.43	M4	CC12-4	Bottom	2.878	7.3776	0.0049	0.4922	-0.0338	15.3452
N+10.43	M4	CC12-5	Bottom	-8.7251	13.2545	0.0295	0.3063	0.0364	25.6074
N+10.43	M4	CC12-6	Bottom	-8.7251	7.3776	0.0295	0.3063	-0.0338	25.6074
N+10.43	M4	CC12-7	Bottom	-8.7251	13.2545	0.0049	0.3063	0.0364	15.3452
N+10.43	M4	CC12-8	Bottom	-8.7251	7.3776	0.0049	0.3063	-0.0338	15.3452
N+10.43	M4	CC12-1-1	Bottom	-16.1288	-4.139	0.0254	-0.1527	0.0928	-8.6943
N+10.43	M4	CC12-1-2	Bottom	-16.1288	-10.0159	0.0254	-0.1527	0.0226	-8.6943
N+10.43	M4	CC12-1-3	Bottom	-16.1288	-4.139	0.0008	-0.1527	0.0928	-18.9564
N+10.43	M4	CC12-1-4	Bottom	-16.1288	-10.0159	0.0008	-0.1527	0.0226	-18.9564
N+10.43	M4	CC12-1-5	Bottom	-27.732	-4.139	0.0254	-0.3386	0.0928	-8.6943
N+10.43	M4	CC12-1-6	Bottom	-27.732	-10.0159	0.0254	-0.3386	0.0226	-8.6943
N+10.43	M4	CC12-1-7	Bottom	-27.732	-4.139	0.0008	-0.3386	0.0928	-18.9564
N+10.43	M4	CC12-1-8	Bottom	-27.732	-10.0159	0.0008	-0.3386	0.0226	-18.9564
N+10.43	M4	CC12-2-1	Bottom	7.0027	11.1692	0.006	0.3455	-0.0159	21.5273
N+10.43	M4	CC12-2-2	Bottom	7.0027	5.2923	0.006	0.3455	-0.0861	21.5273
N+10.43	M4	CC12-2-3	Bottom	7.0027	11.1692	-0.0187	0.3455	-0.0159	11.2652
N+10.43	M4	CC12-2-4	Bottom	7.0027	5.2923	-0.0187	0.3455	-0.0861	11.2652
N+10.43	M4	CC12-2-5	Bottom	-4.6005	11.1692	0.006	0.1596	-0.0159	21.5273
N+10.43	M4	CC12-2-6	Bottom	-4.6005	5.2923	0.006	0.1596	-0.0861	21.5273
N+10.43	M4	CC12-2-7	Bottom	-4.6005	11.1692	-0.0187	0.1596	-0.0159	11.2652
N+10.43	M4	CC12-2-8	Bottom	-4.6005	5.2923	-0.0187	0.1596	-0.0861	11.2652
N+10.43	M4	CC12-3-1	Bottom	-12.0042	-6.2243	0.0019	-0.2994	0.0405	-12.7743
N+10.43	M4	CC12-3-2	Bottom	-12.0042	-12.1013	0.0019	-0.2994	-0.0297	-12.7743
N+10.43	M4	CC12-3-3	Bottom	-12.0042	-6.2243	-0.0228	-0.2994	0.0405	-23.0364
N+10.43	M4	CC12-3-4	Bottom	-12.0042	-12.1013	-0.0228	-0.2994	-0.0297	-23.0364
N+10.43	M4	CC12-3-5	Bottom	-23.6074	-6.2243	0.0019	-0.4853	0.0405	-12.7743
N+10.43	M4	CC12-3-6	Bottom	-23.6074	-12.1013	0.0019	-0.4853	-0.0297	-12.7743
N+10.43	M4	CC12-3-7	Bottom	-23.6074	-6.2243	-0.0228	-0.4853	0.0405	-23.0364
N+10.43	M4	CC12-3-8	Bottom	-23.6074	-12.1013	-0.0228	-0.4853	-0.0297	-23.0364

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N+10.43	M4	CC13-1	Bottom	2.878	13.2545	0.0816	0.4922	0.1979	25.6074
N+10.43	M4	CC13-2	Bottom	2.878	0.0678	0.0816	0.4922	-0.0338	25.6074
N+10.43	M4	CC13-3	Bottom	2.878	13.2545	0.0049	0.4922	0.1979	0.8543
N+10.43	M4	CC13-4	Bottom	2.878	0.0678	0.0049	0.4922	-0.0338	0.8543
N+10.43	M4	CC13-5	Bottom	-31.6541	13.2545	0.0816	0.1971	0.1979	25.6074
N+10.43	M4	CC13-6	Bottom	-31.6541	0.0678	0.0816	0.1971	-0.0338	25.6074
N+10.43	M4	CC13-7	Bottom	-31.6541	13.2545	0.0049	0.1971	0.1979	0.8543
N+10.43	M4	CC13-8	Bottom	-31.6541	0.0678	0.0049	0.1971	-0.0338	0.8543
N+10.43	M4	CC13-1-1	Bottom	16.6268	6.3035	0.0031	0.0033	0.0236	12.0072
N+10.43	M4	CC13-1-2	Bottom	16.6268	-6.8832	0.0031	0.0033	-0.2082	12.0072
N+10.43	M4	CC13-1-3	Bottom	16.6268	6.3035	-0.0736	0.0033	0.0236	-12.7459
N+10.43	M4	CC13-1-4	Bottom	16.6268	-6.8832	-0.0736	0.0033	-0.2082	-12.7459
N+10.43	M4	CC13-1-5	Bottom	-17.9053	6.3035	0.0031	-0.2918	0.0236	12.0072
N+10.43	M4	CC13-1-6	Bottom	-17.9053	-6.8832	0.0031	-0.2918	-0.2082	12.0072
N+10.43	M4	CC13-1-7	Bottom	-17.9053	6.3035	-0.0736	-0.2918	0.0236	-12.7459
N+10.43	M4	CC13-1-8	Bottom	-17.9053	-6.8832	-0.0736	-0.2918	-0.2082	-12.7459
N+10.43	M4	CC13-2-1	Bottom	-2.824	8.0364	0.0804	0.2987	0.2149	15.3169
N+10.43	M4	CC13-2-2	Bottom	-2.824	-5.1502	0.0804	0.2987	-0.0169	15.3169
N+10.43	M4	CC13-2-3	Bottom	-2.824	8.0364	0.0036	0.2987	0.2149	-9.4362
N+10.43	M4	CC13-2-4	Bottom	-2.824	-5.1502	0.0036	0.2987	-0.0169	-9.4362
N+10.43	M4	CC13-2-5	Bottom	-37.3562	8.0364	0.0804	0.0036	0.2149	15.3169
N+10.43	M4	CC13-2-6	Bottom	-37.3562	-5.1502	0.0804	0.0036	-0.0169	15.3169
N+10.43	M4	CC13-2-7	Bottom	-37.3562	8.0364	0.0036	0.0036	0.2149	-9.4362
N+10.43	M4	CC13-2-8	Bottom	-37.3562	-5.1502	0.0036	0.0036	-0.0169	-9.4362
N+10.43	M4	CC13-3-1	Bottom	10.9248	1.0854	0.0019	-0.1902	0.0405	1.7167
N+10.43	M4	CC13-3-2	Bottom	10.9248	-12.1013	0.0019	-0.1902	-0.1913	1.7167
N+10.43	M4	CC13-3-3	Bottom	10.9248	1.0854	-0.0748	-0.1902	0.0405	-23.0364
N+10.43	M4	CC13-3-4	Bottom	10.9248	-12.1013	-0.0748	-0.1902	-0.1913	-23.0364
N+10.43	M4	CC13-3-5	Bottom	-23.6074	1.0854	0.0019	-0.4853	0.0405	1.7167
N+10.43	M4	CC13-3-6	Bottom	-23.6074	-12.1013	0.0019	-0.4853	-0.1913	1.7167
N+10.43	M4	CC13-3-7	Bottom	-23.6074	1.0854	-0.0748	-0.4853	0.0405	-23.0364
N+10.43	M4	CC13-3-8	Bottom	-23.6074	-12.1013	-0.0748	-0.4853	-0.1913	-23.0364
N+10.43	M5	CC12-1	Bottom	-2.7056	9.4472	-0.9499	2.2369	-1.6685	11.3565
N+10.43	M5	CC12-2	Bottom	-2.7056	2.3956	-0.9499	2.2369	-2.5966	11.3565
N+10.43	M5	CC12-3	Bottom	-2.7056	9.4472	-1.5695	2.2369	-1.6685	-5.4441
N+10.43	M5	CC12-4	Bottom	-2.7056	2.3956	-1.5695	2.2369	-2.5966	-5.4441
N+10.43	M5	CC12-5	Bottom	-5.7687	9.4472	-0.9499	1.6394	-1.6685	11.3565

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N+10.43	M5	CC12-6	Bottom	-5.7687	2.3956	-0.9499	1.6394	-2.5966	11.3565
N+10.43	M5	CC12-7	Bottom	-5.7687	9.4472	-1.5695	1.6394	-1.6685	-5.4441
N+10.43	M5	CC12-8	Bottom	-5.7687	2.3956	-1.5695	1.6394	-2.5966	-5.4441
N+10.43	M5	CC12-1-1	Bottom	-22.2771	8.8486	-0.1845	-0.3988	-0.2646	22.3859
N+10.43	M5	CC12-1-2	Bottom	-22.2771	1.7969	-0.1845	-0.3988	-1.1926	22.3859
N+10.43	M5	CC12-1-3	Bottom	-22.2771	8.8486	-0.8041	-0.3988	-0.2646	5.5852
N+10.43	M5	CC12-1-4	Bottom	-22.2771	1.7969	-0.8041	-0.3988	-1.1926	5.5852
N+10.43	M5	CC12-1-5	Bottom	-25.3401	8.8486	-0.1845	-0.9963	-0.2646	22.3859
N+10.43	M5	CC12-1-6	Bottom	-25.3401	1.7969	-0.1845	-0.9963	-1.1926	22.3859
N+10.43	M5	CC12-1-7	Bottom	-25.3401	8.8486	-0.8041	-0.9963	-0.2646	5.5852
N+10.43	M5	CC12-1-8	Bottom	-25.3401	1.7969	-0.8041	-0.9963	-1.1926	5.5852
N+10.43	M5	CC12-2-1	Bottom	-5.7717	3.8362	-0.1481	1.38	-0.3862	1.2273
N+10.43	M5	CC12-2-2	Bottom	-5.7717	-3.2155	-0.1481	1.38	-1.3142	1.2273
N+10.43	M5	CC12-2-3	Bottom	-5.7717	3.8362	-0.7677	1.38	-0.3862	-15.5733
N+10.43	M5	CC12-2-4	Bottom	-5.7717	-3.2155	-0.7677	1.38	-1.3142	-15.5733
N+10.43	M5	CC12-2-5	Bottom	-8.8347	3.8362	-0.1481	0.7825	-0.3862	1.2273
N+10.43	M5	CC12-2-6	Bottom	-8.8347	-3.2155	-0.1481	0.7825	-1.3142	1.2273
N+10.43	M5	CC12-2-7	Bottom	-8.8347	3.8362	-0.7677	0.7825	-0.3862	-15.5733
N+10.43	M5	CC12-2-8	Bottom	-8.8347	-3.2155	-0.7677	0.7825	-1.3142	-15.5733
N+10.43	M5	CC12-3-1	Bottom	-25.3432	3.2375	0.6173	-1.2557	1.0178	12.2567
N+10.43	M5	CC12-3-2	Bottom	-25.3432	-3.8141	0.6173	-1.2557	0.0897	12.2567
N+10.43	M5	CC12-3-3	Bottom	-25.3432	3.2375	-0.0023	-1.2557	1.0178	-4.544
N+10.43	M5	CC12-3-4	Bottom	-25.3432	-3.8141	-0.0023	-1.2557	0.0897	-4.544
N+10.43	M5	CC12-3-5	Bottom	-28.4062	3.2375	0.6173	-1.8532	1.0178	12.2567
N+10.43	M5	CC12-3-6	Bottom	-28.4062	-3.8141	0.6173	-1.8532	0.0897	12.2567
N+10.43	M5	CC12-3-7	Bottom	-28.4062	3.2375	-0.0023	-1.8532	1.0178	-4.544
N+10.43	M5	CC12-3-8	Bottom	-28.4062	-3.8141	-0.0023	-1.8532	0.0897	-4.544
N+10.43	M5	CC13-1	Bottom	-2.7056	22.1206	-0.9499	2.3912	-1.6685	42.7119
N+10.43	M5	CC13-2	Bottom	-2.7056	2.3956	-0.9499	2.3912	-4.6059	42.7119
N+10.43	M5	CC13-3	Bottom	-2.7056	22.1206	-2.9046	2.3912	-1.6685	-5.4441
N+10.43	M5	CC13-4	Bottom	-2.7056	2.3956	-2.9046	2.3912	-4.6059	-5.4441
N+10.43	M5	CC13-5	Bottom	-12.3146	22.1206	-0.9499	1.6394	-1.6685	42.7119
N+10.43	M5	CC13-6	Bottom	-12.3146	2.3956	-0.9499	1.6394	-4.6059	42.7119
N+10.43	M5	CC13-7	Bottom	-12.3146	22.1206	-2.9046	1.6394	-1.6685	-5.4441
N+10.43	M5	CC13-8	Bottom	-12.3146	2.3956	-2.9046	1.6394	-4.6059	-5.4441
N+10.43	M5	CC13-1-1	Bottom	-12.9258	3.4171	1.7229	-0.465	2.6059	8.9479
N+10.43	M5	CC13-1-2	Bottom	-12.9258	-16.3079	1.7229	-0.465	-0.3315	8.9479

N+10.43	M5	CC13-1-3	Bottom	-12.9258	3.4171	-0.2319	-0.465	2.6059	-39.2081
N+10.43	M5	CC13-1-4	Bottom	-12.9258	-16.3079	-0.2319	-0.465	-0.3315	-39.2081
N+10.43	M5	CC13-1-5	Bottom	-22.5347	3.4171	1.7229	-1.2168	2.6059	8.9479
N+10.43	M5	CC13-1-6	Bottom	-22.5347	-16.3079	1.7229	-1.2168	-0.3315	8.9479
N+10.43	M5	CC13-1-7	Bottom	-22.5347	3.4171	-0.2319	-1.2168	2.6059	-39.2081
N+10.43	M5	CC13-1-8	Bottom	-22.5347	-16.3079	-0.2319	-1.2168	-0.3315	-39.2081
N+10.43	M5	CC13-2-1	Bottom	-8.5771	21.941	-0.7203	1.6005	-1.2473	46.0207
N+10.43	M5	CC13-2-2	Bottom	-8.5771	2.216	-0.7203	1.6005	-4.1847	46.0207
N+10.43	M5	CC13-2-3	Bottom	-8.5771	21.941	-2.675	1.6005	-1.2473	-2.1353
N+10.43	M5	CC13-2-4	Bottom	-8.5771	2.216	-2.675	1.6005	-4.1847	-2.1353
N+10.43	M5	CC13-2-5	Bottom	-18.186	21.941	-0.7203	0.8486	-1.2473	46.0207
N+10.43	M5	CC13-2-6	Bottom	-18.186	2.216	-0.7203	0.8486	-4.1847	46.0207
N+10.43	M5	CC13-2-7	Bottom	-18.186	21.941	-2.675	0.8486	-1.2473	-2.1353
N+10.43	M5	CC13-2-8	Bottom	-18.186	2.216	-2.675	0.8486	-4.1847	-2.1353
N+10.43	M5	CC13-3-1	Bottom	-18.7972	3.2375	1.9525	-1.2557	3.0271	12.2567
N+10.43	M5	CC13-3-2	Bottom	-18.7972	-16.4875	1.9525	-1.2557	0.0897	12.2567
N+10.43	M5	CC13-3-3	Bottom	-18.7972	3.2375	-0.0023	-1.2557	3.0271	-35.8993
N+10.43	M5	CC13-3-4	Bottom	-18.7972	-16.4875	-0.0023	-1.2557	0.0897	-35.8993
N+10.43	M5	CC13-3-5	Bottom	-28.4062	3.2375	1.9525	-2.0075	3.0271	12.2567
N+10.43	M5	CC13-3-6	Bottom	-28.4062	-16.4875	1.9525	-2.0075	0.0897	12.2567
N+10.43	M5	CC13-3-7	Bottom	-28.4062	3.2375	-0.0023	-2.0075	3.0271	-35.8993
N+10.43	M5	CC13-3-8	Bottom	-28.4062	-16.4875	-0.0023	-2.0075	0.0897	-35.8993
N+10.43	M6	CC12-1	Bottom	-24.699	4.8687	-1.2102	2.4567	-1.9125	7.5161
N+10.43	M6	CC12-2	Bottom	-24.699	-3.0179	-1.2102	2.4567	-2.8288	7.5161
N+10.43	M6	CC12-3	Bottom	-24.699	4.8687	-1.7662	2.4567	-1.9125	-8.9179
N+10.43	M6	CC12-4	Bottom	-24.699	-3.0179	-1.7662	2.4567	-2.8288	-8.9179
N+10.43	M6	CC12-5	Bottom	-33.7532	4.8687	-1.2102	1.5467	-1.9125	7.5161
N+10.43	M6	CC12-6	Bottom	-33.7532	-3.0179	-1.2102	1.5467	-2.8288	7.5161
N+10.43	M6	CC12-7	Bottom	-33.7532	4.8687	-1.7662	1.5467	-1.9125	-8.9179
N+10.43	M6	CC12-8	Bottom	-33.7532	-3.0179	-1.7662	1.5467	-2.8288	-8.9179
N+10.43	M6	CC12-1-1	Bottom	2.4422	6.9699	1.4406	-0.8517	2.4077	17.967
N+10.43	M6	CC12-1-2	Bottom	2.4422	-0.9167	1.4406	-0.8517	1.4915	17.967
N+10.43	M6	CC12-1-3	Bottom	2.4422	6.9699	0.8847	-0.8517	2.4077	1.533
N+10.43	M6	CC12-1-4	Bottom	2.4422	-0.9167	0.8847	-0.8517	1.4915	1.533
N+10.43	M6	CC12-1-5	Bottom	-6.6121	6.9699	1.4406	-1.7616	2.4077	17.967
N+10.43	M6	CC12-1-6	Bottom	-6.6121	-0.9167	1.4406	-1.7616	1.4915	17.967
N+10.43	M6	CC12-1-7	Bottom	-6.6121	6.9699	0.8847	-1.7616	2.4077	1.533

N+10.43	M6	CC12-1-8	Bottom	-6.6121	-0.9167	0.8847	-1.7616	1.4915	1.533
N+10.43	M6	CC12-2-1	Bottom	-24.9187	-0.2213	-0.5891	1.6894	-0.9261	-3.0373
N+10.43	M6	CC12-2-2	Bottom	-24.9187	-8.1079	-0.5891	1.6894	-1.8423	-3.0373
N+10.43	M6	CC12-2-3	Bottom	-24.9187	-0.2213	-1.145	1.6894	-0.9261	-19.4713
N+10.43	M6	CC12-2-4	Bottom	-24.9187	-8.1079	-1.145	1.6894	-1.8423	-19.4713
N+10.43	M6	CC12-2-5	Bottom	-33.973	-0.2213	-0.5891	0.7794	-0.9261	-3.0373
N+10.43	M6	CC12-2-6	Bottom	-33.973	-8.1079	-0.5891	0.7794	-1.8423	-3.0373
N+10.43	M6	CC12-2-7	Bottom	-33.973	-0.2213	-1.145	0.7794	-0.9261	-19.4713
N+10.43	M6	CC12-2-8	Bottom	-33.973	-8.1079	-1.145	0.7794	-1.8423	-19.4713
N+10.43	M6	CC12-3-1	Bottom	2.2224	1.8799	2.0618	-1.619	3.3941	7.4136
N+10.43	M6	CC12-3-2	Bottom	2.2224	-6.0067	2.0618	-1.619	2.4779	7.4136
N+10.43	M6	CC12-3-3	Bottom	2.2224	1.8799	1.5059	-1.619	3.3941	-9.0204
N+10.43	M6	CC12-3-4	Bottom	2.2224	-6.0067	1.5059	-1.619	2.4779	-9.0204
N+10.43	M6	CC12-3-5	Bottom	-6.8319	1.8799	2.0618	-2.5289	3.3941	7.4136
N+10.43	M6	CC12-3-6	Bottom	-6.8319	-6.0067	2.0618	-2.5289	2.4779	7.4136
N+10.43	M6	CC12-3-7	Bottom	-6.8319	1.8799	1.5059	-2.5289	3.3941	-9.0204
N+10.43	M6	CC12-3-8	Bottom	-6.8319	-6.0067	1.5059	-2.5289	2.4779	-9.0204
N+10.43	M6	CC13-1	Bottom	-5.1874	18.2163	-0.804	2.4567	-1.1901	39.4564
N+10.43	M6	CC13-2	Bottom	-5.1874	-3.0179	-0.804	2.4567	-2.8288	39.4564
N+10.43	M6	CC13-3	Bottom	-5.1874	18.2163	-1.7662	2.4567	-1.1901	-8.9179
N+10.43	M6	CC13-4	Bottom	-5.1874	-3.0179	-1.7662	2.4567	-2.8288	-8.9179
N+10.43	M6	CC13-5	Bottom	-33.7532	18.2163	-0.804	1.0212	-1.1901	39.4564
N+10.43	M6	CC13-6	Bottom	-33.7532	-3.0179	-0.804	1.0212	-2.8288	39.4564
N+10.43	M6	CC13-7	Bottom	-33.7532	18.2163	-1.7662	1.0212	-1.1901	-8.9179
N+10.43	M6	CC13-8	Bottom	-33.7532	-3.0179	-1.7662	1.0212	-2.8288	-8.9179
N+10.43	M6	CC13-1-1	Bottom	-5.9199	1.2495	1.2665	-0.101	2.0981	4.2783
N+10.43	M6	CC13-1-2	Bottom	-5.9199	-19.9846	1.2665	-0.101	0.4594	4.2783
N+10.43	M6	CC13-1-3	Bottom	-5.9199	1.2495	0.3043	-0.101	2.0981	-44.096
N+10.43	M6	CC13-1-4	Bottom	-5.9199	-19.9846	0.3043	-0.101	0.4594	-44.096
N+10.43	M6	CC13-1-5	Bottom	-34.4858	1.2495	1.2665	-1.5364	2.0981	4.2783
N+10.43	M6	CC13-1-6	Bottom	-34.4858	-19.9846	1.2665	-1.5364	0.4594	4.2783
N+10.43	M6	CC13-1-7	Bottom	-34.4858	1.2495	0.3043	-1.5364	2.0981	-44.096
N+10.43	M6	CC13-1-8	Bottom	-34.4858	-19.9846	0.3043	-1.5364	0.4594	-44.096
N+10.43	M6	CC13-2-1	Bottom	2.9549	18.8466	-0.0087	1.4642	0.106	42.5916
N+10.43	M6	CC13-2-2	Bottom	2.9549	-2.3875	-0.0087	1.4642	-1.5327	42.5916
N+10.43	M6	CC13-2-3	Bottom	2.9549	18.8466	-0.9709	1.4642	0.106	-5.7826
N+10.43	M6	CC13-2-4	Bottom	2.9549	-2.3875	-0.9709	1.4642	-1.5327	-5.7826

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N+10.43	M6	CC13-2-5	Bottom	-25.6109	18.8466	-0.0087	0.0288	0.106	42.5916
N+10.43	M6	CC13-2-6	Bottom	-25.6109	-2.3875	-0.0087	0.0288	-1.5327	42.5916
N+10.43	M6	CC13-2-7	Bottom	-25.6109	18.8466	-0.9709	0.0288	0.106	-5.7826
N+10.43	M6	CC13-2-8	Bottom	-25.6109	-2.3875	-0.9709	0.0288	-1.5327	-5.7826
N+10.43	M6	CC13-3-1	Bottom	2.2224	1.8799	2.0618	-1.0935	3.3941	7.4136
N+10.43	M6	CC13-3-2	Bottom	2.2224	-19.3543	2.0618	-1.0935	1.7555	7.4136
N+10.43	M6	CC13-3-3	Bottom	2.2224	1.8799	1.0996	-1.0935	3.3941	-40.9607
N+10.43	M6	CC13-3-4	Bottom	2.2224	-19.3543	1.0996	-1.0935	1.7555	-40.9607
N+10.43	M6	CC13-3-5	Bottom	-26.3434	1.8799	2.0618	-2.5289	3.3941	7.4136
N+10.43	M6	CC13-3-6	Bottom	-26.3434	-19.3543	2.0618	-2.5289	1.7555	7.4136
N+10.43	M6	CC13-3-7	Bottom	-26.3434	1.8799	1.0996	-2.5289	3.3941	-40.9607
N+10.43	M6	CC13-3-8	Bottom	-26.3434	-19.3543	1.0996	-2.5289	1.7555	-40.9607
N+10.43	M7	CC12-1	Bottom	-13.5638	138.1343	0.9731	6.3235	1.394	353.9025
N+10.43	M7	CC12-2	Bottom	-13.5638	36.7783	0.9731	6.3235	-0.8367	353.9025
N+10.43	M7	CC12-3	Bottom	-13.5638	138.1343	-0.1412	6.3235	1.394	140.2369
N+10.43	M7	CC12-4	Bottom	-13.5638	36.7783	-0.1412	6.3235	-0.8367	140.2369
N+10.43	M7	CC12-5	Bottom	-62.7911	138.1343	0.9731	3.7847	1.394	353.9025
N+10.43	M7	CC12-6	Bottom	-62.7911	36.7783	0.9731	3.7847	-0.8367	353.9025
N+10.43	M7	CC12-7	Bottom	-62.7911	138.1343	-0.1412	3.7847	1.394	140.2369
N+10.43	M7	CC12-8	Bottom	-62.7911	36.7783	-0.1412	3.7847	-0.8367	140.2369
N+10.43	M7	CC12-1-1	Bottom	-45.5791	-51.0241	1.3615	-1.9076	2.8106	-131.3555
N+10.43	M7	CC12-1-2	Bottom	-45.5791	-152.3801	1.3615	-1.9076	0.58	-131.3555
N+10.43	M7	CC12-1-3	Bottom	-45.5791	-51.0241	0.2472	-1.9076	2.8106	-345.021
N+10.43	M7	CC12-1-4	Bottom	-45.5791	-152.3801	0.2472	-1.9076	0.58	-345.021
N+10.43	M7	CC12-1-5	Bottom	-94.8065	-51.0241	1.3615	-4.4464	2.8106	-131.3555
N+10.43	M7	CC12-1-6	Bottom	-94.8065	-152.3801	1.3615	-4.4464	0.58	-131.3555
N+10.43	M7	CC12-1-7	Bottom	-94.8065	-51.0241	0.2472	-4.4464	2.8106	-345.021
N+10.43	M7	CC12-1-8	Bottom	-94.8065	-152.3801	0.2472	-4.4464	0.58	-345.021
N+10.43	M7	CC12-2-1	Bottom	16.9673	136.218	-0.0045	4.203	-0.3031	333.0379
N+10.43	M7	CC12-2-2	Bottom	16.9673	34.8621	-0.0045	4.203	-2.5338	333.0379
N+10.43	M7	CC12-2-3	Bottom	16.9673	136.218	-1.1188	4.203	-0.3031	119.3723
N+10.43	M7	CC12-2-4	Bottom	16.9673	34.8621	-1.1188	4.203	-2.5338	119.3723
N+10.43	M7	CC12-2-5	Bottom	-32.2601	136.218	-0.0045	1.6642	-0.3031	333.0379
N+10.43	M7	CC12-2-6	Bottom	-32.2601	34.8621	-0.0045	1.6642	-2.5338	333.0379
N+10.43	M7	CC12-2-7	Bottom	-32.2601	136.218	-1.1188	1.6642	-0.3031	119.3723
N+10.43	M7	CC12-2-8	Bottom	-32.2601	34.8621	-1.1188	1.6642	-2.5338	119.3723
N+10.43	M7	CC12-3-1	Bottom	-15.0481	-52.9404	0.384	-4.0281	1.1136	-152.2201

N+10.43	M7	CC12-3-2	Bottom	-15.0481	-154.2963	0.384	-4.0281	-1.1171	-152.2201
N+10.43	M7	CC12-3-3	Bottom	-15.0481	-52.9404	-0.7303	-4.0281	1.1136	-365.8856
N+10.43	M7	CC12-3-4	Bottom	-15.0481	-154.2963	-0.7303	-4.0281	-1.1171	-365.8856
N+10.43	M7	CC12-3-5	Bottom	-64.2755	-52.9404	0.384	-6.5669	1.1136	-152.2201
N+10.43	M7	CC12-3-6	Bottom	-64.2755	-154.2963	0.384	-6.5669	-1.1171	-152.2201
N+10.43	M7	CC12-3-7	Bottom	-64.2755	-52.9404	-0.7303	-6.5669	1.1136	-365.8856
N+10.43	M7	CC12-3-8	Bottom	-64.2755	-154.2963	-0.7303	-6.5669	-1.1171	-365.8856
N+10.43	M7	CC13-1	Bottom	-13.5638	138.1343	3.5258	6.3235	6.3455	353.9025
N+10.43	M7	CC13-2	Bottom	-13.5638	-91.1613	3.5258	6.3235	-0.8367	353.9025
N+10.43	M7	CC13-3	Bottom	-13.5638	138.1343	-0.1412	6.3235	6.3455	-150.7596
N+10.43	M7	CC13-4	Bottom	-13.5638	-91.1613	-0.1412	6.3235	-0.8367	-150.7596
N+10.43	M7	CC13-5	Bottom	-156.441	138.1343	3.5258	2.9708	6.3455	353.9025
N+10.43	M7	CC13-6	Bottom	-156.441	-91.1613	3.5258	2.9708	-0.8367	353.9025
N+10.43	M7	CC13-7	Bottom	-156.441	138.1343	-0.1412	2.9708	6.3455	-150.7596
N+10.43	M7	CC13-8	Bottom	-156.441	-91.1613	-0.1412	2.9708	-0.8367	-150.7596
N+10.43	M7	CC13-1-1	Bottom	88.2064	131.7468	0.2675	-0.7449	0.6886	284.3538
N+10.43	M7	CC13-1-2	Bottom	88.2064	-97.5488	0.2675	-0.7449	-6.4936	284.3538
N+10.43	M7	CC13-1-3	Bottom	88.2064	131.7468	-3.3996	-0.7449	0.6886	-220.3082
N+10.43	M7	CC13-1-4	Bottom	88.2064	-97.5488	-3.3996	-0.7449	-6.4936	-220.3082
N+10.43	M7	CC13-1-5	Bottom	-54.6708	131.7468	0.2675	-4.0976	0.6886	284.3538
N+10.43	M7	CC13-1-6	Bottom	-54.6708	-97.5488	0.2675	-4.0976	-6.4936	284.3538
N+10.43	M7	CC13-1-7	Bottom	-54.6708	131.7468	-3.3996	-4.0976	0.6886	-220.3082
N+10.43	M7	CC13-1-8	Bottom	-54.6708	-97.5488	-3.3996	-4.0976	-6.4936	-220.3082
N+10.43	M7	CC13-2-1	Bottom	-23.1684	81.3868	3.6424	3.8542	6.7705	208.3251
N+10.43	M7	CC13-2-2	Bottom	-23.1684	-147.9088	3.6424	3.8542	-0.4117	208.3251
N+10.43	M7	CC13-2-3	Bottom	-23.1684	81.3868	-0.0247	3.8542	6.7705	-296.337
N+10.43	M7	CC13-2-4	Bottom	-23.1684	-147.9088	-0.0247	3.8542	-0.4117	-296.337
N+10.43	M7	CC13-2-5	Bottom	-166.0456	81.3868	3.6424	0.5014	6.7705	208.3251
N+10.43	M7	CC13-2-6	Bottom	-166.0456	-147.9088	3.6424	0.5014	-0.4117	208.3251
N+10.43	M7	CC13-2-7	Bottom	-166.0456	81.3868	-0.0247	0.5014	6.7705	-296.337
N+10.43	M7	CC13-2-8	Bottom	-166.0456	-147.9088	-0.0247	0.5014	-0.4117	-296.337
N+10.43	M7	CC13-3-1	Bottom	78.6018	74.9993	0.384	-3.2142	1.1136	138.7764
N+10.43	M7	CC13-3-2	Bottom	78.6018	-154.2963	0.384	-3.2142	-6.0686	138.7764
N+10.43	M7	CC13-3-3	Bottom	78.6018	74.9993	-3.2831	-3.2142	1.1136	-365.8856
N+10.43	M7	CC13-3-4	Bottom	78.6018	-154.2963	-3.2831	-3.2142	-6.0686	-365.8856
N+10.43	M7	CC13-3-5	Bottom	-64.2755	74.9993	0.384	-6.5669	1.1136	138.7764
N+10.43	M7	CC13-3-6	Bottom	-64.2755	-154.2963	0.384	-6.5669	-6.0686	138.7764

N+10.43	M7	CC13-3-7	Bottom	-64.2755	74.9993	-3.2831	-6.5669	1.1136	-365.8856
N+10.43	M7	CC13-3-8	Bottom	-64.2755	-154.2963	-3.2831	-6.5669	-6.0686	-365.8856
N+10.43	M8	CC12-1	Bottom	1.427	24.6621	-0.092	2.6959	-0.1757	27.7786
N+10.43	M8	CC12-2	Bottom	1.427	-7.9065	-0.092	2.6959	-0.4623	27.7786
N+10.43	M8	CC12-3	Bottom	1.427	24.6621	-0.2723	2.6959	-0.1757	-52.9433
N+10.43	M8	CC12-4	Bottom	1.427	-7.9065	-0.2723	2.6959	-0.4623	-52.9433
N+10.43	M8	CC12-5	Bottom	-31.7029	24.6621	-0.092	1.6211	-0.1757	27.7786
N+10.43	M8	CC12-6	Bottom	-31.7029	-7.9065	-0.092	1.6211	-0.4623	27.7786
N+10.43	M8	CC12-7	Bottom	-31.7029	24.6621	-0.2723	1.6211	-0.1757	-52.9433
N+10.43	M8	CC12-8	Bottom	-31.7029	-7.9065	-0.2723	1.6211	-0.4623	-52.9433
N+10.43	M8	CC12-1-1	Bottom	0.1098	33.3972	0.3111	-0.6874	0.5565	93.0245
N+10.43	M8	CC12-1-2	Bottom	0.1098	0.8287	0.3111	-0.6874	0.27	93.0245
N+10.43	M8	CC12-1-3	Bottom	0.1098	33.3972	0.1307	-0.6874	0.5565	12.3026
N+10.43	M8	CC12-1-4	Bottom	0.1098	0.8287	0.1307	-0.6874	0.27	12.3026
N+10.43	M8	CC12-1-5	Bottom	-33.02	33.3972	0.3111	-1.7622	0.5565	93.0245
N+10.43	M8	CC12-1-6	Bottom	-33.02	0.8287	0.3111	-1.7622	0.27	93.0245
N+10.43	M8	CC12-1-7	Bottom	-33.02	33.3972	0.1307	-1.7622	0.5565	12.3026
N+10.43	M8	CC12-1-8	Bottom	-33.02	0.8287	0.1307	-1.7622	0.27	12.3026
N+10.43	M8	CC12-2-1	Bottom	-13.4983	7.2995	-0.0736	1.8445	-0.136	-7.8973
N+10.43	M8	CC12-2-2	Bottom	-13.4983	-25.269	-0.0736	1.8445	-0.4226	-7.8973
N+10.43	M8	CC12-2-3	Bottom	-13.4983	7.2995	-0.2539	1.8445	-0.136	-88.6192
N+10.43	M8	CC12-2-4	Bottom	-13.4983	-25.269	-0.2539	1.8445	-0.4226	-88.6192
N+10.43	M8	CC12-2-5	Bottom	-46.6281	7.2995	-0.0736	0.7696	-0.136	-7.8973
N+10.43	M8	CC12-2-6	Bottom	-46.6281	-25.269	-0.0736	0.7696	-0.4226	-7.8973
N+10.43	M8	CC12-2-7	Bottom	-46.6281	7.2995	-0.2539	0.7696	-0.136	-88.6192
N+10.43	M8	CC12-2-8	Bottom	-46.6281	-25.269	-0.2539	0.7696	-0.4226	-88.6192
N+10.43	M8	CC12-3-1	Bottom	-14.8155	16.0346	0.3295	-1.5389	0.5962	57.3486
N+10.43	M8	CC12-3-2	Bottom	-14.8155	-16.5339	0.3295	-1.5389	0.3097	57.3486
N+10.43	M8	CC12-3-3	Bottom	-14.8155	16.0346	0.1491	-1.5389	0.5962	-23.3733
N+10.43	M8	CC12-3-4	Bottom	-14.8155	-16.5339	0.1491	-1.5389	0.3097	-23.3733
N+10.43	M8	CC12-3-5	Bottom	-47.9453	16.0346	0.3295	-2.6137	0.5962	57.3486
N+10.43	M8	CC12-3-6	Bottom	-47.9453	-16.5339	0.3295	-2.6137	0.3097	57.3486
N+10.43	M8	CC12-3-7	Bottom	-47.9453	16.0346	0.1491	-2.6137	0.5962	-23.3733
N+10.43	M8	CC12-3-8	Bottom	-47.9453	-16.5339	0.1491	-2.6137	0.3097	-23.3733
N+10.43	M8	CC13-1	Bottom	35.3306	71.2894	0.1473	2.6959	0.2442	156.6945
N+10.43	M8	CC13-2	Bottom	35.3306	-7.9065	0.1473	2.6959	-0.4623	156.6945
N+10.43	M8	CC13-3	Bottom	35.3306	71.2894	-0.2723	2.6959	0.2442	-52.9433

N+10.43	M8	CC13-4	Bottom	35.3306	-7.9065	-0.2723	2.6959	-0.4623	-52.9433
N+10.43	M8	CC13-5	Bottom	-31.7029	71.2894	0.1473	1.2395	0.2442	156.6945
N+10.43	M8	CC13-6	Bottom	-31.7029	-7.9065	0.1473	1.2395	-0.4623	156.6945
N+10.43	M8	CC13-7	Bottom	-31.7029	71.2894	-0.2723	1.2395	0.2442	-52.9433
N+10.43	M8	CC13-8	Bottom	-31.7029	-7.9065	-0.2723	1.2395	-0.4623	-52.9433
N+10.43	M8	CC13-1-1	Bottom	-14.4203	13.4141	0.2086	-0.1423	0.3766	37.7749
N+10.43	M8	CC13-1-2	Bottom	-14.4203	-65.7817	0.2086	-0.1423	-0.3299	37.7749
N+10.43	M8	CC13-1-3	Bottom	-14.4203	13.4141	-0.2111	-0.1423	0.3766	-171.8629
N+10.43	M8	CC13-1-4	Bottom	-14.4203	-65.7817	-0.2111	-0.1423	-0.3299	-171.8629
N+10.43	M8	CC13-1-5	Bottom	-81.4538	13.4141	0.2086	-1.5987	0.3766	37.7749
N+10.43	M8	CC13-1-6	Bottom	-81.4538	-65.7817	0.2086	-1.5987	-0.3299	37.7749
N+10.43	M8	CC13-1-7	Bottom	-81.4538	13.4141	-0.2111	-1.5987	0.3766	-171.8629
N+10.43	M8	CC13-1-8	Bottom	-81.4538	-65.7817	-0.2111	-1.5987	-0.3299	-171.8629
N+10.43	M8	CC13-2-1	Bottom	34.9354	73.9099	0.2682	1.6809	0.4638	176.2683
N+10.43	M8	CC13-2-2	Bottom	34.9354	-5.2859	0.2682	1.6809	-0.2426	176.2683
N+10.43	M8	CC13-2-3	Bottom	34.9354	73.9099	-0.1514	1.6809	0.4638	-33.3695
N+10.43	M8	CC13-2-4	Bottom	34.9354	-5.2859	-0.1514	1.6809	-0.2426	-33.3695
N+10.43	M8	CC13-2-5	Bottom	-32.098	73.9099	0.2682	0.2245	0.4638	176.2683
N+10.43	M8	CC13-2-6	Bottom	-32.098	-5.2859	0.2682	0.2245	-0.2426	176.2683
N+10.43	M8	CC13-2-7	Bottom	-32.098	73.9099	-0.1514	0.2245	0.4638	-33.3695
N+10.43	M8	CC13-2-8	Bottom	-32.098	-5.2859	-0.1514	0.2245	-0.2426	-33.3695
N+10.43	M8	CC13-3-1	Bottom	-14.8155	16.0346	0.3295	-1.1573	0.5962	57.3486
N+10.43	M8	CC13-3-2	Bottom	-14.8155	-63.1612	0.3295	-1.1573	-0.1102	57.3486
N+10.43	M8	CC13-3-3	Bottom	-14.8155	16.0346	-0.0901	-1.1573	0.5962	-152.2892
N+10.43	M8	CC13-3-4	Bottom	-14.8155	-63.1612	-0.0901	-1.1573	-0.1102	-152.2892
N+10.43	M8	CC13-3-5	Bottom	-81.8489	16.0346	0.3295	-2.6137	0.5962	57.3486
N+10.43	M8	CC13-3-6	Bottom	-81.8489	-63.1612	0.3295	-2.6137	-0.1102	57.3486
N+10.43	M8	CC13-3-7	Bottom	-81.8489	16.0346	-0.0901	-2.6137	0.5962	-152.2892
N+10.43	M8	CC13-3-8	Bottom	-81.8489	-63.1612	-0.0901	-2.6137	-0.1102	-152.2892
N+10.43	M9	CC12-1	Bottom	-44.574	32.7213	-0.5427	2.3748	-1.004	51.8931
N+10.43	M9	CC12-2	Bottom	-44.574	-6.6837	-0.5427	2.3748	-1.1732	51.8931
N+10.43	M9	CC12-3	Bottom	-44.574	32.7213	-0.6322	2.3748	-1.004	-14.7518
N+10.43	M9	CC12-4	Bottom	-44.574	-6.6837	-0.6322	2.3748	-1.1732	-14.7518
N+10.43	M9	CC12-5	Bottom	-76.57	32.7213	-0.5427	1.5039	-1.004	51.8931
N+10.43	M9	CC12-6	Bottom	-76.57	-6.6837	-0.5427	1.5039	-1.1732	51.8931
N+10.43	M9	CC12-7	Bottom	-76.57	32.7213	-0.6322	1.5039	-1.004	-14.7518
N+10.43	M9	CC12-8	Bottom	-76.57	-6.6837	-0.6322	1.5039	-1.1732	-14.7518

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N+10.43	M9	CC12-1-1	Bottom	43.8217	36.5872	0.4526	-0.6555	0.7558	67.0734
N+10.43	M9	CC12-1-2	Bottom	43.8217	-2.8177	0.4526	-0.6555	0.5866	67.0734
N+10.43	M9	CC12-1-3	Bottom	43.8217	36.5872	0.3631	-0.6555	0.7558	0.4285
N+10.43	M9	CC12-1-4	Bottom	43.8217	-2.8177	0.3631	-0.6555	0.5866	0.4285
N+10.43	M9	CC12-1-5	Bottom	11.8257	36.5872	0.4526	-1.5264	0.7558	67.0734
N+10.43	M9	CC12-1-6	Bottom	11.8257	-2.8177	0.4526	-1.5264	0.5866	67.0734
N+10.43	M9	CC12-1-7	Bottom	11.8257	36.5872	0.3631	-1.5264	0.7558	0.4285
N+10.43	M9	CC12-1-8	Bottom	11.8257	-2.8177	0.3631	-1.5264	0.5866	0.4285
N+10.43	M9	CC12-2-1	Bottom	-41.1514	4.3264	-0.3277	1.6042	-0.6427	3.8646
N+10.43	M9	CC12-2-2	Bottom	-41.1514	-35.0785	-0.3277	1.6042	-0.812	3.8646
N+10.43	M9	CC12-2-3	Bottom	-41.1514	4.3264	-0.4172	1.6042	-0.6427	-62.7803
N+10.43	M9	CC12-2-4	Bottom	-41.1514	-35.0785	-0.4172	1.6042	-0.812	-62.7803
N+10.43	M9	CC12-2-5	Bottom	-73.1474	4.3264	-0.3277	0.7333	-0.6427	3.8646
N+10.43	M9	CC12-2-6	Bottom	-73.1474	-35.0785	-0.3277	0.7333	-0.812	3.8646
N+10.43	M9	CC12-2-7	Bottom	-73.1474	4.3264	-0.4172	0.7333	-0.6427	-62.7803
N+10.43	M9	CC12-2-8	Bottom	-73.1474	-35.0785	-0.4172	0.7333	-0.812	-62.7803
N+10.43	M9	CC12-3-1	Bottom	47.2443	8.1924	0.6676	-1.4261	1.1171	19.0449
N+10.43	M9	CC12-3-2	Bottom	47.2443	-31.2126	0.6676	-1.4261	0.9478	19.0449
N+10.43	M9	CC12-3-3	Bottom	47.2443	8.1924	0.5781	-1.4261	1.1171	-47.6
N+10.43	M9	CC12-3-4	Bottom	47.2443	-31.2126	0.5781	-1.4261	0.9478	-47.6
N+10.43	M9	CC12-3-5	Bottom	15.2483	8.1924	0.6676	-2.297	1.1171	19.0449
N+10.43	M9	CC12-3-6	Bottom	15.2483	-31.2126	0.6676	-2.297	0.9478	19.0449
N+10.43	M9	CC12-3-7	Bottom	15.2483	8.1924	0.5781	-2.297	1.1171	-47.6
N+10.43	M9	CC12-3-8	Bottom	15.2483	-31.2126	0.5781	-2.297	0.9478	-47.6
N+10.43	M9	CC13-1	Bottom	9.3169	101.6822	-0.3477	2.3748	-0.6149	174.5859
N+10.43	M9	CC13-2	Bottom	9.3169	-6.6837	-0.3477	2.3748	-1.1732	174.5859
N+10.43	M9	CC13-3	Bottom	9.3169	101.6822	-0.6322	2.3748	-0.6149	-14.7518
N+10.43	M9	CC13-4	Bottom	9.3169	-6.6837	-0.6322	2.3748	-1.1732	-14.7518
N+10.43	M9	CC13-5	Bottom	-76.57	101.6822	-0.3477	1.1807	-0.6149	174.5859
N+10.43	M9	CC13-6	Bottom	-76.57	-6.6837	-0.3477	1.1807	-1.1732	174.5859
N+10.43	M9	CC13-7	Bottom	-76.57	101.6822	-0.6322	1.1807	-0.6149	-14.7518
N+10.43	M9	CC13-8	Bottom	-76.57	-6.6837	-0.6322	1.1807	-1.1732	-14.7518
N+10.43	M9	CC13-1-1	Bottom	20.7256	7.0326	0.369	-0.1938	0.5891	14.4908
N+10.43	M9	CC13-1-2	Bottom	20.7256	-101.3333	0.369	-0.1938	0.0308	14.4908
N+10.43	M9	CC13-1-3	Bottom	20.7256	7.0326	0.0845	-0.1938	0.5891	-174.8468
N+10.43	M9	CC13-1-4	Bottom	20.7256	-101.3333	0.0845	-0.1938	0.0308	-174.8468
N+10.43	M9	CC13-1-5	Bottom	-65.1613	7.0326	0.369	-1.3879	0.5891	14.4908

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N+10.43	M9	CC13-1-6	Bottom	-65.1613	-101.3333	0.369	-1.3879	0.0308	14.4908
N+10.43	M9	CC13-1-7	Bottom	-65.1613	7.0326	0.0845	-1.3879	0.5891	-174.8468
N+10.43	M9	CC13-1-8	Bottom	-65.1613	-101.3333	0.0845	-1.3879	0.0308	-174.8468
N+10.43	M9	CC13-2-1	Bottom	35.8356	102.842	-0.0491	1.4657	-0.087	179.1399
N+10.43	M9	CC13-2-2	Bottom	35.8356	-5.5239	-0.0491	1.4657	-0.6453	179.1399
N+10.43	M9	CC13-2-3	Bottom	35.8356	102.842	-0.3336	1.4657	-0.087	-10.1977
N+10.43	M9	CC13-2-4	Bottom	35.8356	-5.5239	-0.3336	1.4657	-0.6453	-10.1977
N+10.43	M9	CC13-2-5	Bottom	-50.0513	102.842	-0.0491	0.2716	-0.087	179.1399
N+10.43	M9	CC13-2-6	Bottom	-50.0513	-5.5239	-0.0491	0.2716	-0.6453	179.1399
N+10.43	M9	CC13-2-7	Bottom	-50.0513	102.842	-0.3336	0.2716	-0.087	-10.1977
N+10.43	M9	CC13-2-8	Bottom	-50.0513	-5.5239	-0.3336	0.2716	-0.6453	-10.1977
N+10.43	M9	CC13-3-1	Bottom	47.2443	8.1924	0.6676	-1.1029	1.1171	19.0449
N+10.43	M9	CC13-3-2	Bottom	47.2443	-100.1735	0.6676	-1.1029	0.5588	19.0449
N+10.43	M9	CC13-3-3	Bottom	47.2443	8.1924	0.3831	-1.1029	1.1171	-170.2928
N+10.43	M9	CC13-3-4	Bottom	47.2443	-100.1735	0.3831	-1.1029	0.5588	-170.2928
N+10.43	M9	CC13-3-5	Bottom	-38.6426	8.1924	0.6676	-2.297	1.1171	19.0449
N+10.43	M9	CC13-3-6	Bottom	-38.6426	-100.1735	0.6676	-2.297	0.5588	19.0449
N+10.43	M9	CC13-3-7	Bottom	-38.6426	8.1924	0.3831	-2.297	1.1171	-170.2928
N+10.43	M9	CC13-3-8	Bottom	-38.6426	-100.1735	0.3831	-2.297	0.5588	-170.2928
N+7.44	M1	CC12-1	Bottom	-25.3454	-5.8627	-0.7432	0.6527	-1.4965	-20.9773
N+7.44	M1	CC12-2	Bottom	-25.3454	-13.9749	-0.7432	0.6527	-4.5443	-20.9773
N+7.44	M1	CC12-3	Bottom	-25.3454	-5.8627	-2.4305	0.6527	-1.4965	-59.206
N+7.44	M1	CC12-4	Bottom	-25.3454	-13.9749	-2.4305	0.6527	-4.5443	-59.206
N+7.44	M1	CC12-5	Bottom	-28.142	-5.8627	-0.7432	0.337	-1.4965	-20.9773
N+7.44	M1	CC12-6	Bottom	-28.142	-13.9749	-0.7432	0.337	-4.5443	-20.9773
N+7.44	M1	CC12-7	Bottom	-28.142	-5.8627	-2.4305	0.337	-1.4965	-59.206
N+7.44	M1	CC12-8	Bottom	-28.142	-13.9749	-2.4305	0.337	-4.5443	-59.206
N+7.44	M1	CC12-1-1	Bottom	-40.0188	1.6753	4.3103	-0.3422	7.7888	38.4093
N+7.44	M1	CC12-1-2	Bottom	-40.0188	-6.4369	4.3103	-0.3422	4.741	38.4093
N+7.44	M1	CC12-1-3	Bottom	-40.0188	1.6753	2.623	-0.3422	7.7888	0.1806
N+7.44	M1	CC12-1-4	Bottom	-40.0188	-6.4369	2.623	-0.3422	4.741	0.1806
N+7.44	M1	CC12-1-5	Bottom	-42.8153	1.6753	4.3103	-0.658	7.7888	38.4093
N+7.44	M1	CC12-1-6	Bottom	-42.8153	-6.4369	4.3103	-0.658	4.741	38.4093
N+7.44	M1	CC12-1-7	Bottom	-42.8153	1.6753	2.623	-0.658	7.7888	0.1806
N+7.44	M1	CC12-1-8	Bottom	-42.8153	-6.4369	2.623	-0.658	4.741	0.1806
N+7.44	M1	CC12-2-1	Bottom	-28.9538	-9.916	-0.085	0.4453	-0.2428	-32.7561
N+7.44	M1	CC12-2-2	Bottom	-28.9538	-18.0282	-0.085	0.4453	-3.2906	-32.7561

N+7.44	M1	CC12-2-3	Bottom	-28.9538	-9.916	-1.7723	0.4453	-0.2428	-70.9848
N+7.44	M1	CC12-2-4	Bottom	-28.9538	-18.0282	-1.7723	0.4453	-3.2906	-70.9848
N+7.44	M1	CC12-2-5	Bottom	-31.7504	-9.916	-0.085	0.1296	-0.2428	-32.7561
N+7.44	M1	CC12-2-6	Bottom	-31.7504	-18.0282	-0.085	0.1296	-3.2906	-32.7561
N+7.44	M1	CC12-2-7	Bottom	-31.7504	-9.916	-1.7723	0.1296	-0.2428	-70.9848
N+7.44	M1	CC12-2-8	Bottom	-31.7504	-18.0282	-1.7723	0.1296	-3.2906	-70.9848
N+7.44	M1	CC12-3-1	Bottom	-43.6272	-2.378	4.9685	-0.5496	9.0425	26.6305
N+7.44	M1	CC12-3-2	Bottom	-43.6272	-10.4902	4.9685	-0.5496	5.9947	26.6305
N+7.44	M1	CC12-3-3	Bottom	-43.6272	-2.378	3.2811	-0.5496	9.0425	-11.5982
N+7.44	M1	CC12-3-4	Bottom	-43.6272	-10.4902	3.2811	-0.5496	5.9947	-11.5982
N+7.44	M1	CC12-3-5	Bottom	-46.4238	-2.378	4.9685	-0.8653	9.0425	26.6305
N+7.44	M1	CC12-3-6	Bottom	-46.4238	-10.4902	4.9685	-0.8653	5.9947	26.6305
N+7.44	M1	CC12-3-7	Bottom	-46.4238	-2.378	3.2811	-0.8653	9.0425	-11.5982
N+7.44	M1	CC12-3-8	Bottom	-46.4238	-10.4902	3.2811	-0.8653	5.9947	-11.5982
N+7.44	M1	CC13-1	Bottom	-25.3454	8.8716	1.2585	0.6527	2.0779	48.0772
N+7.44	M1	CC13-2	Bottom	-25.3454	-13.9749	1.2585	0.6527	-4.5443	48.0772
N+7.44	M1	CC13-3	Bottom	-25.3454	8.8716	-2.4305	0.6527	2.0779	-59.206
N+7.44	M1	CC13-4	Bottom	-25.3454	-13.9749	-2.4305	0.6527	-4.5443	-59.206
N+7.44	M1	CC13-5	Bottom	-29.9936	8.8716	1.2585	0.1243	2.0779	48.0772
N+7.44	M1	CC13-6	Bottom	-29.9936	-13.9749	1.2585	0.1243	-4.5443	48.0772
N+7.44	M1	CC13-7	Bottom	-29.9936	8.8716	-2.4305	0.1243	2.0779	-59.206
N+7.44	M1	CC13-8	Bottom	-29.9936	-13.9749	-2.4305	0.1243	-4.5443	-59.206
N+7.44	M1	CC13-1-1	Bottom	-37.3736	-4.6394	3.4524	-0.0385	6.2569	8.8145
N+7.44	M1	CC13-1-2	Bottom	-37.3736	-27.4859	3.4524	-0.0385	-0.3652	8.8145
N+7.44	M1	CC13-1-3	Bottom	-37.3736	-4.6394	-0.2366	-0.0385	6.2569	-98.4686
N+7.44	M1	CC13-1-4	Bottom	-37.3736	-27.4859	-0.2366	-0.0385	-0.3652	-98.4686
N+7.44	M1	CC13-1-5	Bottom	-42.0218	-4.6394	3.4524	-0.5668	6.2569	8.8145
N+7.44	M1	CC13-1-6	Bottom	-42.0218	-27.4859	3.4524	-0.5668	-0.3652	8.8145
N+7.44	M1	CC13-1-7	Bottom	-42.0218	-4.6394	-0.2366	-0.5668	6.2569	-98.4686
N+7.44	M1	CC13-1-8	Bottom	-42.0218	-27.4859	-0.2366	-0.5668	-0.3652	-98.4686
N+7.44	M1	CC13-2-1	Bottom	-29.7474	11.133	2.7746	0.3542	4.8635	65.8932
N+7.44	M1	CC13-2-2	Bottom	-29.7474	-11.7135	2.7746	0.3542	-1.7587	65.8932
N+7.44	M1	CC13-2-3	Bottom	-29.7474	11.133	-0.9145	0.3542	4.8635	-41.39
N+7.44	M1	CC13-2-4	Bottom	-29.7474	-11.7135	-0.9145	0.3542	-1.7587	-41.39
N+7.44	M1	CC13-2-5	Bottom	-34.3956	11.133	2.7746	-0.1741	4.8635	65.8932
N+7.44	M1	CC13-2-6	Bottom	-34.3956	-11.7135	2.7746	-0.1741	-1.7587	65.8932
N+7.44	M1	CC13-2-7	Bottom	-34.3956	11.133	-0.9145	-0.1741	4.8635	-41.39

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N+7.44	M1	CC13-2-8	Bottom	-34.3956	-11.7135	-0.9145	-0.1741	-1.7587	-41.39
N+7.44	M1	CC13-3-1	Bottom	-41.7756	-2.378	4.9685	-0.337	9.0425	26.6305
N+7.44	M1	CC13-3-2	Bottom	-41.7756	-25.2245	4.9685	-0.337	2.4203	26.6305
N+7.44	M1	CC13-3-3	Bottom	-41.7756	-2.378	1.2794	-0.337	9.0425	-80.6526
N+7.44	M1	CC13-3-4	Bottom	-41.7756	-25.2245	1.2794	-0.337	2.4203	-80.6526
N+7.44	M1	CC13-3-5	Bottom	-46.4238	-2.378	4.9685	-0.8653	9.0425	26.6305
N+7.44	M1	CC13-3-6	Bottom	-46.4238	-25.2245	4.9685	-0.8653	2.4203	26.6305
N+7.44	M1	CC13-3-7	Bottom	-46.4238	-2.378	1.2794	-0.8653	9.0425	-80.6526
N+7.44	M1	CC13-3-8	Bottom	-46.4238	-25.2245	1.2794	-0.8653	2.4203	-80.6526
N+7.44	M2	CC12-1	Bottom	-6.4682	6.2361	-2.1808	2.1913	-3.7846	-4.228
N+7.44	M2	CC12-2	Bottom	-6.4682	-14.9516	-2.1808	2.1913	-5.7114	-4.228
N+7.44	M2	CC12-3	Bottom	-6.4682	6.2361	-3.2984	2.1913	-3.7846	-94.0155
N+7.44	M2	CC12-4	Bottom	-6.4682	-14.9516	-3.2984	2.1913	-5.7114	-94.0155
N+7.44	M2	CC12-5	Bottom	-21.8065	6.2361	-2.1808	1.0378	-3.7846	-4.228
N+7.44	M2	CC12-6	Bottom	-21.8065	-14.9516	-2.1808	1.0378	-5.7114	-4.228
N+7.44	M2	CC12-7	Bottom	-21.8065	6.2361	-3.2984	1.0378	-3.7846	-94.0155
N+7.44	M2	CC12-8	Bottom	-21.8065	-14.9516	-3.2984	1.0378	-5.7114	-94.0155
N+7.44	M2	CC12-1-1	Bottom	-53.8413	32.8836	2.9296	-0.5204	5.042	137.5985
N+7.44	M2	CC12-1-2	Bottom	-53.8413	11.6959	2.9296	-0.5204	3.1152	137.5985
N+7.44	M2	CC12-1-3	Bottom	-53.8413	32.8836	1.8121	-0.5204	5.042	47.811
N+7.44	M2	CC12-1-4	Bottom	-53.8413	11.6959	1.8121	-0.5204	3.1152	47.811
N+7.44	M2	CC12-1-5	Bottom	-69.1796	32.8836	2.9296	-1.6739	5.042	137.5985
N+7.44	M2	CC12-1-6	Bottom	-69.1796	11.6959	2.9296	-1.6739	3.1152	137.5985
N+7.44	M2	CC12-1-7	Bottom	-69.1796	32.8836	1.8121	-1.6739	5.042	47.811
N+7.44	M2	CC12-1-8	Bottom	-69.1796	11.6959	1.8121	-1.6739	3.1152	47.811
N+7.44	M2	CC12-2-1	Bottom	-10.3103	-0.8047	-1.4465	1.9816	-2.5129	-27.4336
N+7.44	M2	CC12-2-2	Bottom	-10.3103	-21.9923	-1.4465	1.9816	-4.4397	-27.4336
N+7.44	M2	CC12-2-3	Bottom	-10.3103	-0.8047	-2.5641	1.9816	-2.5129	-117.2212
N+7.44	M2	CC12-2-4	Bottom	-10.3103	-21.9923	-2.5641	1.9816	-4.4397	-117.2212
N+7.44	M2	CC12-2-5	Bottom	-25.6486	-0.8047	-1.4465	0.8281	-2.5129	-27.4336
N+7.44	M2	CC12-2-6	Bottom	-25.6486	-21.9923	-1.4465	0.8281	-4.4397	-27.4336
N+7.44	M2	CC12-2-7	Bottom	-25.6486	-0.8047	-2.5641	0.8281	-2.5129	-117.2212
N+7.44	M2	CC12-2-8	Bottom	-25.6486	-21.9923	-2.5641	0.8281	-4.4397	-117.2212
N+7.44	M2	CC12-3-1	Bottom	-57.6835	25.8429	3.6639	-0.7301	6.3136	114.3928
N+7.44	M2	CC12-3-2	Bottom	-57.6835	4.6552	3.6639	-0.7301	4.3868	114.3928
N+7.44	M2	CC12-3-3	Bottom	-57.6835	25.8429	2.5464	-0.7301	6.3136	24.6053
N+7.44	M2	CC12-3-4	Bottom	-57.6835	4.6552	2.5464	-0.7301	4.3868	24.6053

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N+7.44	M2	CC12-3-5	Bottom	-73.0218	25.8429	3.6639	-1.8836	6.3136	114.3928
N+7.44	M2	CC12-3-6	Bottom	-73.0218	4.6552	3.6639	-1.8836	4.3868	114.3928
N+7.44	M2	CC12-3-7	Bottom	-73.0218	25.8429	2.5464	-1.8836	6.3136	24.6053
N+7.44	M2	CC12-3-8	Bottom	-73.0218	4.6552	2.5464	-1.8836	4.3868	24.6053
N+7.44	M2	CC13-1	Bottom	-6.4682	41.3177	-0.3169	2.1913	-0.5732	149.1971
N+7.44	M2	CC13-2	Bottom	-6.4682	-14.9516	-0.3169	2.1913	-5.7114	149.1971
N+7.44	M2	CC13-3	Bottom	-6.4682	41.3177	-3.2984	2.1913	-0.5732	-94.0155
N+7.44	M2	CC13-4	Bottom	-6.4682	-14.9516	-3.2984	2.1913	-5.7114	-94.0155
N+7.44	M2	CC13-5	Bottom	-46.0027	41.3177	-0.3169	-0.3711	-0.5732	149.1971
N+7.44	M2	CC13-6	Bottom	-46.0027	-14.9516	-0.3169	-0.3711	-5.7114	149.1971
N+7.44	M2	CC13-7	Bottom	-46.0027	41.3177	-3.2984	-0.3711	-0.5732	-94.0155
N+7.44	M2	CC13-8	Bottom	-46.0027	-14.9516	-3.2984	-0.3711	-5.7114	-94.0155
N+7.44	M2	CC13-1-1	Bottom	-19.2753	17.8486	2.1308	1.4922	3.6657	71.8449
N+7.44	M2	CC13-1-2	Bottom	-19.2753	-38.4207	2.1308	1.4922	-1.4725	71.8449
N+7.44	M2	CC13-1-3	Bottom	-19.2753	17.8486	-0.8507	1.4922	3.6657	-171.3678
N+7.44	M2	CC13-1-4	Bottom	-19.2753	-38.4207	-0.8507	1.4922	-1.4725	-171.3678
N+7.44	M2	CC13-1-5	Bottom	-58.8098	17.8486	2.1308	-1.0701	3.6657	71.8449
N+7.44	M2	CC13-1-6	Bottom	-58.8098	-38.4207	2.1308	-1.0701	-1.4725	71.8449
N+7.44	M2	CC13-1-7	Bottom	-58.8098	17.8486	-0.8507	-1.0701	3.6657	-171.3678
N+7.44	M2	CC13-1-8	Bottom	-58.8098	-38.4207	-0.8507	-1.0701	-1.4725	-171.3678
N+7.44	M2	CC13-2-1	Bottom	-20.6801	49.312	1.2163	1.3778	2.0747	191.7451
N+7.44	M2	CC13-2-2	Bottom	-20.6801	-6.9573	1.2163	1.3778	-3.0634	191.7451
N+7.44	M2	CC13-2-3	Bottom	-20.6801	49.312	-1.7652	1.3778	2.0747	-51.4676
N+7.44	M2	CC13-2-4	Bottom	-20.6801	-6.9573	-1.7652	1.3778	-3.0634	-51.4676
N+7.44	M2	CC13-2-5	Bottom	-60.2147	49.312	1.2163	-1.1846	2.0747	191.7451
N+7.44	M2	CC13-2-6	Bottom	-60.2147	-6.9573	1.2163	-1.1846	-3.0634	191.7451
N+7.44	M2	CC13-2-7	Bottom	-60.2147	49.312	-1.7652	-1.1846	2.0747	-51.4676
N+7.44	M2	CC13-2-8	Bottom	-60.2147	-6.9573	-1.7652	-1.1846	-3.0634	-51.4676
N+7.44	M2	CC13-3-1	Bottom	-33.4872	25.8429	3.6639	0.6787	6.3136	114.3928
N+7.44	M2	CC13-3-2	Bottom	-33.4872	-30.4265	3.6639	0.6787	1.1755	114.3928
N+7.44	M2	CC13-3-3	Bottom	-33.4872	25.8429	0.6824	0.6787	6.3136	-128.8198
N+7.44	M2	CC13-3-4	Bottom	-33.4872	-30.4265	0.6824	0.6787	1.1755	-128.8198
N+7.44	M2	CC13-3-5	Bottom	-73.0218	25.8429	3.6639	-1.8836	6.3136	114.3928
N+7.44	M2	CC13-3-6	Bottom	-73.0218	-30.4265	3.6639	-1.8836	1.1755	114.3928
N+7.44	M2	CC13-3-7	Bottom	-73.0218	25.8429	0.6824	-1.8836	6.3136	-128.8198
N+7.44	M2	CC13-3-8	Bottom	-73.0218	-30.4265	0.6824	-1.8836	1.1755	-128.8198
N+7.44	M3	CC12-1	Bottom	-239.5263	420.2021	9.5731	12.362	17.9632	1922.7714

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N+7.44	M3	CC12-2	Bottom	-239.5263	296.4087	9.5731	12.362	5.591	1922.7714
N+7.44	M3	CC12-3	Bottom	-239.5263	420.2021	3.658	12.362	17.9632	1341.8969
N+7.44	M3	CC12-4	Bottom	-239.5263	296.4087	3.658	12.362	5.591	1341.8969
N+7.44	M3	CC12-5	Bottom	-321.0314	420.2021	9.5731	5.554	17.9632	1922.7714
N+7.44	M3	CC12-6	Bottom	-321.0314	296.4087	9.5731	5.554	5.591	1922.7714
N+7.44	M3	CC12-7	Bottom	-321.0314	420.2021	3.658	5.554	17.9632	1341.8969
N+7.44	M3	CC12-8	Bottom	-321.0314	296.4087	3.658	5.554	5.591	1341.8969
N+7.44	M3	CC12-1-1	Bottom	-3.8884	-169.6773	7.9016	-11.3225	16.9328	-793.5957
N+7.44	M3	CC12-1-2	Bottom	-3.8884	-293.4708	7.9016	-11.3225	4.5607	-793.5957
N+7.44	M3	CC12-1-3	Bottom	-3.8884	-169.6773	1.9865	-11.3225	16.9328	-1374.4702
N+7.44	M3	CC12-1-4	Bottom	-3.8884	-293.4708	1.9865	-11.3225	4.5607	-1374.4702
N+7.44	M3	CC12-1-5	Bottom	-85.3935	-169.6773	7.9016	-18.1304	16.9328	-793.5957
N+7.44	M3	CC12-1-6	Bottom	-85.3935	-293.4708	7.9016	-18.1304	4.5607	-793.5957
N+7.44	M3	CC12-1-7	Bottom	-85.3935	-169.6773	1.9865	-18.1304	16.9328	-1374.4702
N+7.44	M3	CC12-1-8	Bottom	-85.3935	-293.4708	1.9865	-18.1304	4.5607	-1374.4702
N+7.44	M3	CC12-2-1	Bottom	-228.7147	315.1108	3.2396	3.3101	5.4191	1448.3106
N+7.44	M3	CC12-2-2	Bottom	-228.7147	191.3174	3.2396	3.3101	-6.953	1448.3106
N+7.44	M3	CC12-2-3	Bottom	-228.7147	315.1108	-2.6756	3.3101	5.4191	867.4361
N+7.44	M3	CC12-2-4	Bottom	-228.7147	191.3174	-2.6756	3.3101	-6.953	867.4361
N+7.44	M3	CC12-2-5	Bottom	-310.2198	315.1108	3.2396	-3.4978	5.4191	1448.3106
N+7.44	M3	CC12-2-6	Bottom	-310.2198	191.3174	3.2396	-3.4978	-6.953	1448.3106
N+7.44	M3	CC12-2-7	Bottom	-310.2198	315.1108	-2.6756	-3.4978	5.4191	867.4361
N+7.44	M3	CC12-2-8	Bottom	-310.2198	191.3174	-2.6756	-3.4978	-6.953	867.4361
N+7.44	M3	CC12-3-1	Bottom	6.9232	-274.7686	1.5681	-20.3743	4.3888	-1268.0565
N+7.44	M3	CC12-3-2	Bottom	6.9232	-398.5621	1.5681	-20.3743	-7.9833	-1268.0565
N+7.44	M3	CC12-3-3	Bottom	6.9232	-274.7686	-4.347	-20.3743	4.3888	-1848.931
N+7.44	M3	CC12-3-4	Bottom	6.9232	-398.5621	-4.347	-20.3743	-7.9833	-1848.931
N+7.44	M3	CC12-3-5	Bottom	-74.5819	-274.7686	1.5681	-27.1823	4.3888	-1268.0565
N+7.44	M3	CC12-3-6	Bottom	-74.5819	-398.5621	1.5681	-27.1823	-7.9833	-1268.0565
N+7.44	M3	CC12-3-7	Bottom	-74.5819	-274.7686	-4.347	-27.1823	4.3888	-1848.931
N+7.44	M3	CC12-3-8	Bottom	-74.5819	-398.5621	-4.347	-27.1823	-7.9833	-1848.931
N+7.44	M3	CC13-1	Bottom	-99.8068	420.2021	23.1813	16.9038	46.5114	1922.7714
N+7.44	M3	CC13-2	Bottom	-99.8068	128.7061	23.1813	16.9038	5.591	1922.7714
N+7.44	M3	CC13-3	Bottom	-99.8068	420.2021	3.658	16.9038	46.5114	547.5151
N+7.44	M3	CC13-4	Bottom	-99.8068	128.7061	3.658	16.9038	5.591	547.5151
N+7.44	M3	CC13-5	Bottom	-321.0314	420.2021	23.1813	5.554	46.5114	1922.7714
N+7.44	M3	CC13-6	Bottom	-321.0314	128.7061	23.1813	5.554	5.591	1922.7714

N+7.44	M3	CC13-7	Bottom	-321.0314	420.2021	3.658	5.554	46.5114	547.5151
N+7.44	M3	CC13-8	Bottom	-321.0314	128.7061	3.658	5.554	5.591	547.5151
N+7.44	M3	CC13-1-1	Bottom	-63.7682	69.8978	2.0695	-13.269	4.6979	341.2354
N+7.44	M3	CC13-1-2	Bottom	-63.7682	-221.5982	2.0695	-13.269	-36.2224	341.2354
N+7.44	M3	CC13-1-3	Bottom	-63.7682	69.8978	-17.4538	-13.269	4.6979	-1034.0209
N+7.44	M3	CC13-1-4	Bottom	-63.7682	-221.5982	-17.4538	-13.269	-36.2224	-1034.0209
N+7.44	M3	CC13-1-5	Bottom	-284.9928	69.8978	2.0695	-24.6187	4.6979	341.2354
N+7.44	M3	CC13-1-6	Bottom	-284.9928	-221.5982	2.0695	-24.6187	-36.2224	341.2354
N+7.44	M3	CC13-1-7	Bottom	-284.9928	69.8978	-17.4538	-24.6187	4.6979	-1034.0209
N+7.44	M3	CC13-1-8	Bottom	-284.9928	-221.5982	-17.4538	-24.6187	-36.2224	-1034.0209
N+7.44	M3	CC13-2-1	Bottom	-29.1154	243.2383	22.6799	9.7984	46.2023	1107.8613
N+7.44	M3	CC13-2-2	Bottom	-29.1154	-48.2578	22.6799	9.7984	5.2819	1107.8613
N+7.44	M3	CC13-2-3	Bottom	-29.1154	243.2383	3.1565	9.7984	46.2023	-267.395
N+7.44	M3	CC13-2-4	Bottom	-29.1154	-48.2578	3.1565	9.7984	5.2819	-267.395
N+7.44	M3	CC13-2-5	Bottom	-250.34	243.2383	22.6799	-1.5513	46.2023	1107.8613
N+7.44	M3	CC13-2-6	Bottom	-250.34	-48.2578	22.6799	-1.5513	5.2819	1107.8613
N+7.44	M3	CC13-2-7	Bottom	-250.34	243.2383	3.1565	-1.5513	46.2023	-267.395
N+7.44	M3	CC13-2-8	Bottom	-250.34	-48.2578	3.1565	-1.5513	5.2819	-267.395
N+7.44	M3	CC13-3-1	Bottom	6.9232	-107.0661	1.5681	-20.3743	4.3888	-473.6747
N+7.44	M3	CC13-3-2	Bottom	6.9232	-398.5621	1.5681	-20.3743	-36.5315	-473.6747
N+7.44	M3	CC13-3-3	Bottom	6.9232	-107.0661	-17.9552	-20.3743	4.3888	-1848.931
N+7.44	M3	CC13-3-4	Bottom	6.9232	-398.5621	-17.9552	-20.3743	-36.5315	-1848.931
N+7.44	M3	CC13-3-5	Bottom	-214.3014	-107.0661	1.5681	-31.7241	4.3888	-473.6747
N+7.44	M3	CC13-3-6	Bottom	-214.3014	-398.5621	1.5681	-31.7241	-36.5315	-473.6747
N+7.44	M3	CC13-3-7	Bottom	-214.3014	-107.0661	-17.9552	-31.7241	4.3888	-1848.931
N+7.44	M3	CC13-3-8	Bottom	-214.3014	-398.5621	-17.9552	-31.7241	-36.5315	-1848.931
N+7.44	M4	CC12-1	Bottom	3.6119	31.4996	0.0123	0.3761	0.0571	64.4472
N+7.44	M4	CC12-2	Bottom	3.6119	20.7815	0.0123	0.3761	-0.1258	64.4472
N+7.44	M4	CC12-3	Bottom	3.6119	31.4996	-0.0288	0.3761	0.0571	43.033
N+7.44	M4	CC12-4	Bottom	3.6119	20.7815	-0.0288	0.3761	-0.1258	43.033
N+7.44	M4	CC12-5	Bottom	-29.5594	31.4996	0.0123	0.2193	0.0571	64.4472
N+7.44	M4	CC12-6	Bottom	-29.5594	20.7815	0.0123	0.2193	-0.1258	64.4472
N+7.44	M4	CC12-7	Bottom	-29.5594	31.4996	-0.0288	0.2193	0.0571	43.033
N+7.44	M4	CC12-8	Bottom	-29.5594	20.7815	-0.0288	0.2193	-0.1258	43.033
N+7.44	M4	CC12-1-1	Bottom	-29.3035	-12.01	0.0525	-0.093	0.2311	-25.8725
N+7.44	M4	CC12-1-2	Bottom	-29.3035	-22.7281	0.0525	-0.093	0.0482	-25.8725
N+7.44	M4	CC12-1-3	Bottom	-29.3035	-12.01	0.0115	-0.093	0.2311	-47.2867

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N+7.44	M4	CC12-1-4	Bottom	-29.3035	-22.7281	0.0115	-0.093	0.0482	-47.2867
N+7.44	M4	CC12-1-5	Bottom	-62.4748	-12.01	0.0525	-0.2498	0.2311	-25.8725
N+7.44	M4	CC12-1-6	Bottom	-62.4748	-22.7281	0.0525	-0.2498	0.0482	-25.8725
N+7.44	M4	CC12-1-7	Bottom	-62.4748	-12.01	0.0115	-0.2498	0.2311	-47.2867
N+7.44	M4	CC12-1-8	Bottom	-62.4748	-22.7281	0.0115	-0.2498	0.0482	-47.2867
N+7.44	M4	CC12-2-1	Bottom	22.4412	25.3214	-0.0075	0.2696	-0.0447	52.0528
N+7.44	M4	CC12-2-2	Bottom	22.4412	14.6033	-0.0075	0.2696	-0.2276	52.0528
N+7.44	M4	CC12-2-3	Bottom	22.4412	25.3214	-0.0485	0.2696	-0.0447	30.6386
N+7.44	M4	CC12-2-4	Bottom	22.4412	14.6033	-0.0485	0.2696	-0.2276	30.6386
N+7.44	M4	CC12-2-5	Bottom	-10.7301	25.3214	-0.0075	0.1129	-0.0447	52.0528
N+7.44	M4	CC12-2-6	Bottom	-10.7301	14.6033	-0.0075	0.1129	-0.2276	52.0528
N+7.44	M4	CC12-2-7	Bottom	-10.7301	25.3214	-0.0485	0.1129	-0.0447	30.6386
N+7.44	M4	CC12-2-8	Bottom	-10.7301	14.6033	-0.0485	0.1129	-0.2276	30.6386
N+7.44	M4	CC12-3-1	Bottom	-10.4742	-18.1883	0.0328	-0.1994	0.1293	-38.2669
N+7.44	M4	CC12-3-2	Bottom	-10.4742	-28.9064	0.0328	-0.1994	-0.0536	-38.2669
N+7.44	M4	CC12-3-3	Bottom	-10.4742	-18.1883	-0.0082	-0.1994	0.1293	-59.6811
N+7.44	M4	CC12-3-4	Bottom	-10.4742	-28.9064	-0.0082	-0.1994	-0.0536	-59.6811
N+7.44	M4	CC12-3-5	Bottom	-43.6455	-18.1883	0.0328	-0.3562	0.1293	-38.2669
N+7.44	M4	CC12-3-6	Bottom	-43.6455	-28.9064	0.0328	-0.3562	-0.0536	-38.2669
N+7.44	M4	CC12-3-7	Bottom	-43.6455	-18.1883	-0.0082	-0.3562	0.1293	-59.6811
N+7.44	M4	CC12-3-8	Bottom	-43.6455	-28.9064	-0.0082	-0.3562	-0.0536	-59.6811
N+7.44	M4	CC13-1	Bottom	3.6119	31.4996	0.0864	0.3761	0.4164	64.4472
N+7.44	M4	CC13-2	Bottom	3.6119	4.7406	0.0864	0.3761	-0.1258	64.4472
N+7.44	M4	CC13-3	Bottom	3.6119	31.4996	-0.0288	0.3761	0.4164	8.7295
N+7.44	M4	CC13-4	Bottom	3.6119	4.7406	-0.0288	0.3761	-0.1258	8.7295
N+7.44	M4	CC13-5	Bottom	-96.5353	31.4996	0.0864	0.1393	0.4164	64.4472
N+7.44	M4	CC13-6	Bottom	-96.5353	4.7406	0.0864	0.1393	-0.1258	64.4472
N+7.44	M4	CC13-7	Bottom	-96.5353	31.4996	-0.0288	0.1393	0.4164	8.7295
N+7.44	M4	CC13-8	Bottom	-96.5353	4.7406	-0.0288	0.1393	-0.1258	8.7295
N+7.44	M4	CC13-1-1	Bottom	66.3763	10.9055	0.0207	0.0213	0.0771	23.1326
N+7.44	M4	CC13-1-2	Bottom	66.3763	-15.8535	0.0207	0.0213	-0.4651	23.1326
N+7.44	M4	CC13-1-3	Bottom	66.3763	10.9055	-0.0945	0.0213	0.0771	-32.5852
N+7.44	M4	CC13-1-4	Bottom	66.3763	-15.8535	-0.0945	0.0213	-0.4651	-32.5852
N+7.44	M4	CC13-1-5	Bottom	-33.7709	10.9055	0.0207	-0.2155	0.0771	23.1326
N+7.44	M4	CC13-1-6	Bottom	-33.7709	-15.8535	0.0207	-0.2155	-0.4651	23.1326
N+7.44	M4	CC13-1-7	Bottom	-33.7709	10.9055	-0.0945	-0.2155	0.0771	-32.5852
N+7.44	M4	CC13-1-8	Bottom	-33.7709	-15.8535	-0.0945	-0.2155	-0.4651	-32.5852

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N+7.44	M4	CC13-2-1	Bottom	-6.2627	18.4467	0.0985	0.2353	0.4686	37.3513
N+7.44	M4	CC13-2-2	Bottom	-6.2627	-8.3122	0.0985	0.2353	-0.0736	37.3513
N+7.44	M4	CC13-2-3	Bottom	-6.2627	18.4467	-0.0167	0.2353	0.4686	-18.3664
N+7.44	M4	CC13-2-4	Bottom	-6.2627	-8.3122	-0.0167	0.2353	-0.0736	-18.3664
N+7.44	M4	CC13-2-5	Bottom	-106.4099	18.4467	0.0985	-0.0015	0.4686	37.3513
N+7.44	M4	CC13-2-6	Bottom	-106.4099	-8.3122	0.0985	-0.0015	-0.0736	37.3513
N+7.44	M4	CC13-2-7	Bottom	-106.4099	18.4467	-0.0167	-0.0015	0.4686	-18.3664
N+7.44	M4	CC13-2-8	Bottom	-106.4099	-8.3122	-0.0167	-0.0015	-0.0736	-18.3664
N+7.44	M4	CC13-3-1	Bottom	56.5017	-2.1474	0.0328	-0.1194	0.1293	-3.9633
N+7.44	M4	CC13-3-2	Bottom	56.5017	-28.9064	0.0328	-0.1194	-0.4129	-3.9633
N+7.44	M4	CC13-3-3	Bottom	56.5017	-2.1474	-0.0824	-0.1194	0.1293	-59.6811
N+7.44	M4	CC13-3-4	Bottom	56.5017	-28.9064	-0.0824	-0.1194	-0.4129	-59.6811
N+7.44	M4	CC13-3-5	Bottom	-43.6455	-2.1474	0.0328	-0.3562	0.1293	-3.9633
N+7.44	M4	CC13-3-6	Bottom	-43.6455	-28.9064	0.0328	-0.3562	-0.4129	-3.9633
N+7.44	M4	CC13-3-7	Bottom	-43.6455	-2.1474	-0.0824	-0.3562	0.1293	-59.6811
N+7.44	M4	CC13-3-8	Bottom	-43.6455	-28.9064	-0.0824	-0.3562	-0.4129	-59.6811
N+7.44	M5	CC12-1	Bottom	12.8842	16.5796	-1.2648	1.8388	-2.4845	34.5844
N+7.44	M5	CC12-2	Bottom	12.8842	7.3474	-1.2648	1.8388	-3.1755	34.5844
N+7.44	M5	CC12-3	Bottom	12.8842	16.5796	-1.7404	1.8388	-2.4845	0.2467
N+7.44	M5	CC12-4	Bottom	12.8842	7.3474	-1.7404	1.8388	-3.1755	0.2467
N+7.44	M5	CC12-5	Bottom	5.991	16.5796	-1.2648	1.3121	-2.4845	34.5844
N+7.44	M5	CC12-6	Bottom	5.991	7.3474	-1.2648	1.3121	-3.1755	34.5844
N+7.44	M5	CC12-7	Bottom	5.991	16.5796	-1.7404	1.3121	-2.4845	0.2467
N+7.44	M5	CC12-8	Bottom	5.991	7.3474	-1.7404	1.3121	-3.1755	0.2467
N+7.44	M5	CC12-1-1	Bottom	-46.4866	3.8193	0.0108	-0.2534	0.2245	29.0577
N+7.44	M5	CC12-1-2	Bottom	-46.4866	-5.4129	0.0108	-0.2534	-0.4665	29.0577
N+7.44	M5	CC12-1-3	Bottom	-46.4866	3.8193	-0.4648	-0.2534	0.2245	-5.2799
N+7.44	M5	CC12-1-4	Bottom	-46.4866	-5.4129	-0.4648	-0.2534	-0.4665	-5.2799
N+7.44	M5	CC12-1-5	Bottom	-53.3797	3.8193	0.0108	-0.7801	0.2245	29.0577
N+7.44	M5	CC12-1-6	Bottom	-53.3797	-5.4129	0.0108	-0.7801	-0.4665	29.0577
N+7.44	M5	CC12-1-7	Bottom	-53.3797	3.8193	-0.4648	-0.7801	0.2245	-5.2799
N+7.44	M5	CC12-1-8	Bottom	-53.3797	-5.4129	-0.4648	-0.7801	-0.4665	-5.2799
N+7.44	M5	CC12-2-1	Bottom	-2.5455	7.5797	-0.4719	1.1551	-1.0755	8.5422
N+7.44	M5	CC12-2-2	Bottom	-2.5455	-1.6525	-0.4719	1.1551	-1.7665	8.5422
N+7.44	M5	CC12-2-3	Bottom	-2.5455	7.5797	-0.9475	1.1551	-1.0755	-25.7955
N+7.44	M5	CC12-2-4	Bottom	-2.5455	-1.6525	-0.9475	1.1551	-1.7665	-25.7955
N+7.44	M5	CC12-2-5	Bottom	-9.4386	7.5797	-0.4719	0.6285	-1.0755	8.5422

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N+7.44	M5	CC12-2-6	Bottom	-9.4386	-1.6525	-0.4719	0.6285	-1.7665	8.5422
N+7.44	M5	CC12-2-7	Bottom	-9.4386	7.5797	-0.9475	0.6285	-1.0755	-25.7955
N+7.44	M5	CC12-2-8	Bottom	-9.4386	-1.6525	-0.9475	0.6285	-1.7665	-25.7955
N+7.44	M5	CC12-3-1	Bottom	-61.9163	-5.1805	0.8037	-0.937	1.6335	3.0155
N+7.44	M5	CC12-3-2	Bottom	-61.9163	-14.4128	0.8037	-0.937	0.9425	3.0155
N+7.44	M5	CC12-3-3	Bottom	-61.9163	-5.1805	0.3281	-0.937	1.6335	-31.3222
N+7.44	M5	CC12-3-4	Bottom	-61.9163	-14.4128	0.3281	-0.937	0.9425	-31.3222
N+7.44	M5	CC12-3-5	Bottom	-68.8094	-5.1805	0.8037	-1.4637	1.6335	3.0155
N+7.44	M5	CC12-3-6	Bottom	-68.8094	-14.4128	0.8037	-1.4637	0.9425	3.0155
N+7.44	M5	CC12-3-7	Bottom	-68.8094	-5.1805	0.3281	-1.4637	1.6335	-31.3222
N+7.44	M5	CC12-3-8	Bottom	-68.8094	-14.4128	0.3281	-1.4637	0.9425	-31.3222
N+7.44	M5	CC13-1	Bottom	12.8842	28.647	-1.2648	1.9695	-2.4845	91.4809
N+7.44	M5	CC13-2	Bottom	12.8842	7.3474	-1.2648	1.9695	-4.5668	91.4809
N+7.44	M5	CC13-3	Bottom	12.8842	28.647	-2.6976	1.9695	-2.4845	0.2467
N+7.44	M5	CC13-4	Bottom	12.8842	7.3474	-2.6976	1.9695	-4.5668	0.2467
N+7.44	M5	CC13-5	Bottom	0.434	28.647	-1.2648	1.3121	-2.4845	91.4809
N+7.44	M5	CC13-6	Bottom	0.434	7.3474	-1.2648	1.3121	-4.5668	91.4809
N+7.44	M5	CC13-7	Bottom	0.434	28.647	-2.6976	1.3121	-2.4845	0.2467
N+7.44	M5	CC13-8	Bottom	0.434	7.3474	-2.6976	1.3121	-4.5668	0.2467
N+7.44	M5	CC13-1-1	Bottom	-38.548	-1.3525	1.3782	-0.3094	2.2121	4.6735
N+7.44	M5	CC13-1-2	Bottom	-38.548	-22.6521	1.3782	-0.3094	0.1298	4.6735
N+7.44	M5	CC13-1-3	Bottom	-38.548	-1.3525	-0.0545	-0.3094	2.2121	-86.5607
N+7.44	M5	CC13-1-4	Bottom	-38.548	-22.6521	-0.0545	-0.3094	0.1298	-86.5607
N+7.44	M5	CC13-1-5	Bottom	-50.9982	-1.3525	1.3782	-0.9668	2.2121	4.6735
N+7.44	M5	CC13-1-6	Bottom	-50.9982	-22.6521	1.3782	-0.9668	0.1298	4.6735
N+7.44	M5	CC13-1-7	Bottom	-50.9982	-1.3525	-0.0545	-0.9668	2.2121	-86.5607
N+7.44	M5	CC13-1-8	Bottom	-50.9982	-22.6521	-0.0545	-0.9668	0.1298	-86.5607
N+7.44	M5	CC13-2-1	Bottom	-4.9271	24.8189	-0.8821	1.3419	-1.6718	89.8229
N+7.44	M5	CC13-2-2	Bottom	-4.9271	3.5193	-0.8821	1.3419	-3.7541	89.8229
N+7.44	M5	CC13-2-3	Bottom	-4.9271	24.8189	-2.3149	1.3419	-1.6718	-1.4113
N+7.44	M5	CC13-2-4	Bottom	-4.9271	3.5193	-2.3149	1.3419	-3.7541	-1.4113
N+7.44	M5	CC13-2-5	Bottom	-17.3772	24.8189	-0.8821	0.6845	-1.6718	89.8229
N+7.44	M5	CC13-2-6	Bottom	-17.3772	3.5193	-0.8821	0.6845	-3.7541	89.8229
N+7.44	M5	CC13-2-7	Bottom	-17.3772	24.8189	-2.3149	0.6845	-1.6718	-1.4113
N+7.44	M5	CC13-2-8	Bottom	-17.3772	3.5193	-2.3149	0.6845	-3.7541	-1.4113
N+7.44	M5	CC13-3-1	Bottom	-56.3592	-5.1805	1.7609	-0.937	3.0248	3.0155
N+7.44	M5	CC13-3-2	Bottom	-56.3592	-26.4802	1.7609	-0.937	0.9425	3.0155

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N+7.44	M5	CC13-3-3	Bottom	-56.3592	-5.1805	0.3281	-0.937	3.0248	-88.2187
N+7.44	M5	CC13-3-4	Bottom	-56.3592	-26.4802	0.3281	-0.937	0.9425	-88.2187
N+7.44	M5	CC13-3-5	Bottom	-68.8094	-5.1805	1.7609	-1.5944	3.0248	3.0155
N+7.44	M5	CC13-3-6	Bottom	-68.8094	-26.4802	1.7609	-1.5944	0.9425	3.0155
N+7.44	M5	CC13-3-7	Bottom	-68.8094	-5.1805	0.3281	-1.5944	3.0248	-88.2187
N+7.44	M5	CC13-3-8	Bottom	-68.8094	-26.4802	0.3281	-1.5944	0.9425	-88.2187
N+7.44	M6	CC12-1	Bottom	-52.8571	-9.4737	-1.2846	1.9864	-2.4407	-10.8439
N+7.44	M6	CC12-2	Bottom	-52.8571	-20.3202	-1.2846	1.9864	-3.5573	-10.8439
N+7.44	M6	CC12-3	Bottom	-52.8571	-9.4737	-1.8793	1.9864	-2.4407	-47.1155
N+7.44	M6	CC12-4	Bottom	-52.8571	-20.3202	-1.8793	1.9864	-3.5573	-47.1155
N+7.44	M6	CC12-5	Bottom	-80.8912	-9.4737	-1.2846	1.1915	-2.4407	-10.8439
N+7.44	M6	CC12-6	Bottom	-80.8912	-20.3202	-1.2846	1.1915	-3.5573	-10.8439
N+7.44	M6	CC12-7	Bottom	-80.8912	-9.4737	-1.8793	1.1915	-2.4407	-47.1155
N+7.44	M6	CC12-8	Bottom	-80.8912	-20.3202	-1.8793	1.1915	-3.5573	-47.1155
N+7.44	M6	CC12-1-1	Bottom	22.8447	22.1963	1.6233	-0.6473	3.0153	60.7679
N+7.44	M6	CC12-1-2	Bottom	22.8447	11.3499	1.6233	-0.6473	1.8986	60.7679
N+7.44	M6	CC12-1-3	Bottom	22.8447	22.1963	1.0286	-0.6473	3.0153	24.4963
N+7.44	M6	CC12-1-4	Bottom	22.8447	11.3499	1.0286	-0.6473	1.8986	24.4963
N+7.44	M6	CC12-1-5	Bottom	-5.1895	22.1963	1.6233	-1.4421	3.0153	60.7679
N+7.44	M6	CC12-1-6	Bottom	-5.1895	11.3499	1.6233	-1.4421	1.8986	60.7679
N+7.44	M6	CC12-1-7	Bottom	-5.1895	22.1963	1.0286	-1.4421	3.0153	24.4963
N+7.44	M6	CC12-1-8	Bottom	-5.1895	11.3499	1.0286	-1.4421	1.8986	24.4963
N+7.44	M6	CC12-2-1	Bottom	-54.9363	-10.4762	-0.6882	1.3931	-1.3704	-23.8248
N+7.44	M6	CC12-2-2	Bottom	-54.9363	-21.3226	-0.6882	1.3931	-2.4871	-23.8248
N+7.44	M6	CC12-2-3	Bottom	-54.9363	-10.4762	-1.2828	1.3931	-1.3704	-60.0964
N+7.44	M6	CC12-2-4	Bottom	-54.9363	-21.3226	-1.2828	1.3931	-2.4871	-60.0964
N+7.44	M6	CC12-2-5	Bottom	-82.9705	-10.4762	-0.6882	0.5982	-1.3704	-23.8248
N+7.44	M6	CC12-2-6	Bottom	-82.9705	-21.3226	-0.6882	0.5982	-2.4871	-23.8248
N+7.44	M6	CC12-2-7	Bottom	-82.9705	-10.4762	-1.2828	0.5982	-1.3704	-60.0964
N+7.44	M6	CC12-2-8	Bottom	-82.9705	-21.3226	-1.2828	0.5982	-2.4871	-60.0964
N+7.44	M6	CC12-3-1	Bottom	20.7654	21.1939	2.2197	-1.2406	4.0855	47.7871
N+7.44	M6	CC12-3-2	Bottom	20.7654	10.3474	2.2197	-1.2406	2.9689	47.7871
N+7.44	M6	CC12-3-3	Bottom	20.7654	21.1939	1.625	-1.2406	4.0855	11.5155
N+7.44	M6	CC12-3-4	Bottom	20.7654	10.3474	1.625	-1.2406	2.9689	11.5155
N+7.44	M6	CC12-3-5	Bottom	-7.2688	21.1939	2.2197	-2.0354	4.0855	47.7871
N+7.44	M6	CC12-3-6	Bottom	-7.2688	10.3474	2.2197	-2.0354	2.9689	47.7871
N+7.44	M6	CC12-3-7	Bottom	-7.2688	21.1939	1.625	-2.0354	4.0855	11.5155

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N+7.44	M6	CC12-3-8	Bottom	-7.2688	10.3474	1.625	-2.0354	2.9689	11.5155
N+7.44	M6	CC13-1	Bottom	4.9857	15.0344	-0.6407	1.9864	-1.1188	69.573
N+7.44	M6	CC13-2	Bottom	4.9857	-20.3202	-0.6407	1.9864	-3.5573	69.573
N+7.44	M6	CC13-3	Bottom	4.9857	15.0344	-1.8793	1.9864	-1.1188	-47.1155
N+7.44	M6	CC13-4	Bottom	4.9857	-20.3202	-1.8793	1.9864	-3.5573	-47.1155
N+7.44	M6	CC13-5	Bottom	-80.8912	15.0344	-0.6407	0.7323	-1.1188	69.573
N+7.44	M6	CC13-6	Bottom	-80.8912	-20.3202	-0.6407	0.7323	-3.5573	69.573
N+7.44	M6	CC13-7	Bottom	-80.8912	15.0344	-1.8793	0.7323	-1.1188	-47.1155
N+7.44	M6	CC13-8	Bottom	-80.8912	-20.3202	-1.8793	0.7323	-3.5573	-47.1155
N+7.44	M6	CC13-1-1	Bottom	-1.9451	11.6929	1.3473	0.0087	2.4487	26.3036
N+7.44	M6	CC13-1-2	Bottom	-1.9451	-23.6617	1.3473	0.0087	0.0102	26.3036
N+7.44	M6	CC13-1-3	Bottom	-1.9451	11.6929	0.1088	0.0087	2.4487	-90.385
N+7.44	M6	CC13-1-4	Bottom	-1.9451	-23.6617	0.1088	0.0087	0.0102	-90.385
N+7.44	M6	CC13-1-5	Bottom	-87.8221	11.6929	1.3473	-1.2453	2.4487	26.3036
N+7.44	M6	CC13-1-6	Bottom	-87.8221	-23.6617	1.3473	-1.2453	0.0102	26.3036
N+7.44	M6	CC13-1-7	Bottom	-87.8221	11.6929	0.1088	-1.2453	2.4487	-90.385
N+7.44	M6	CC13-1-8	Bottom	-87.8221	-23.6617	0.1088	-1.2453	0.0102	-90.385
N+7.44	M6	CC13-2-1	Bottom	27.6963	24.5354	0.2316	1.1963	0.518	91.0565
N+7.44	M6	CC13-2-2	Bottom	27.6963	-10.8192	0.2316	1.1963	-1.9205	91.0565
N+7.44	M6	CC13-2-3	Bottom	27.6963	24.5354	-1.0069	1.1963	0.518	-25.632
N+7.44	M6	CC13-2-4	Bottom	27.6963	-10.8192	-1.0069	1.1963	-1.9205	-25.632
N+7.44	M6	CC13-2-5	Bottom	-58.1807	24.5354	0.2316	-0.0578	0.518	91.0565
N+7.44	M6	CC13-2-6	Bottom	-58.1807	-10.8192	0.2316	-0.0578	-1.9205	91.0565
N+7.44	M6	CC13-2-7	Bottom	-58.1807	24.5354	-1.0069	-0.0578	0.518	-25.632
N+7.44	M6	CC13-2-8	Bottom	-58.1807	-10.8192	-1.0069	-0.0578	-1.9205	-25.632
N+7.44	M6	CC13-3-1	Bottom	20.7654	21.1939	2.2197	-0.7814	4.0855	47.7871
N+7.44	M6	CC13-3-2	Bottom	20.7654	-14.1606	2.2197	-0.7814	1.647	47.7871
N+7.44	M6	CC13-3-3	Bottom	20.7654	21.1939	0.9812	-0.7814	4.0855	-68.9014
N+7.44	M6	CC13-3-4	Bottom	20.7654	-14.1606	0.9812	-0.7814	1.647	-68.9014
N+7.44	M6	CC13-3-5	Bottom	-65.1116	21.1939	2.2197	-2.0354	4.0855	47.7871
N+7.44	M6	CC13-3-6	Bottom	-65.1116	-14.1606	2.2197	-2.0354	1.647	47.7871
N+7.44	M6	CC13-3-7	Bottom	-65.1116	21.1939	0.9812	-2.0354	4.0855	-68.9014
N+7.44	M6	CC13-3-8	Bottom	-65.1116	-14.1606	0.9812	-2.0354	1.647	-68.9014
N+7.44	M7	CC12-1	Bottom	-33.5447	247.5612	0.7658	4.6631	1.8661	774.1687
N+7.44	M7	CC12-2	Bottom	-33.5447	121.0543	0.7658	4.6631	-2.745	774.1687
N+7.44	M7	CC12-3	Bottom	-33.5447	247.5612	-0.9954	4.6631	1.8661	425.5329
N+7.44	M7	CC12-4	Bottom	-33.5447	121.0543	-0.9954	4.6631	-2.745	425.5329

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N+7.44	M7	CC12-5	Bottom	-166.297	247.5612	0.7658	2.3628	1.8661	774.1687
N+7.44	M7	CC12-6	Bottom	-166.297	121.0543	0.7658	2.3628	-2.745	774.1687
N+7.44	M7	CC12-7	Bottom	-166.297	247.5612	-0.9954	2.3628	1.8661	425.5329
N+7.44	M7	CC12-8	Bottom	-166.297	121.0543	-0.9954	2.3628	-2.745	425.5329
N+7.44	M7	CC12-1-1	Bottom	-82.8901	-105.5627	2.1384	-0.6861	5.6163	-323.8463
N+7.44	M7	CC12-1-2	Bottom	-82.8901	-232.0696	2.1384	-0.6861	1.0052	-323.8463
N+7.44	M7	CC12-1-3	Bottom	-82.8901	-105.5627	0.3772	-0.6861	5.6163	-672.4821
N+7.44	M7	CC12-1-4	Bottom	-82.8901	-232.0696	0.3772	-0.6861	1.0052	-672.4821
N+7.44	M7	CC12-1-5	Bottom	-215.6424	-105.5627	2.1384	-2.9864	5.6163	-323.8463
N+7.44	M7	CC12-1-6	Bottom	-215.6424	-232.0696	2.1384	-2.9864	1.0052	-323.8463
N+7.44	M7	CC12-1-7	Bottom	-215.6424	-105.5627	0.3772	-2.9864	5.6163	-672.4821
N+7.44	M7	CC12-1-8	Bottom	-215.6424	-232.0696	0.3772	-2.9864	1.0052	-672.4821
N+7.44	M7	CC12-2-1	Bottom	60.6122	215.1376	-0.2779	3.4277	-0.8892	667.3935
N+7.44	M7	CC12-2-2	Bottom	60.6122	88.6307	-0.2779	3.4277	-5.5002	667.3935
N+7.44	M7	CC12-2-3	Bottom	60.6122	215.1376	-2.0391	3.4277	-0.8892	318.7577
N+7.44	M7	CC12-2-4	Bottom	60.6122	88.6307	-2.0391	3.4277	-5.5002	318.7577
N+7.44	M7	CC12-2-5	Bottom	-72.1401	215.1376	-0.2779	1.1274	-0.8892	667.3935
N+7.44	M7	CC12-2-6	Bottom	-72.1401	88.6307	-0.2779	1.1274	-5.5002	667.3935
N+7.44	M7	CC12-2-7	Bottom	-72.1401	215.1376	-2.0391	1.1274	-0.8892	318.7577
N+7.44	M7	CC12-2-8	Bottom	-72.1401	88.6307	-2.0391	1.1274	-5.5002	318.7577
N+7.44	M7	CC12-3-1	Bottom	11.2668	-137.9863	1.0946	-1.9215	2.861	-430.6215
N+7.44	M7	CC12-3-2	Bottom	11.2668	-264.4932	1.0946	-1.9215	-1.75	-430.6215
N+7.44	M7	CC12-3-3	Bottom	11.2668	-137.9863	-0.6665	-1.9215	2.861	-779.2573
N+7.44	M7	CC12-3-4	Bottom	11.2668	-264.4932	-0.6665	-1.9215	-1.75	-779.2573
N+7.44	M7	CC12-3-5	Bottom	-121.4855	-137.9863	1.0946	-4.2218	2.861	-430.6215
N+7.44	M7	CC12-3-6	Bottom	-121.4855	-264.4932	1.0946	-4.2218	-1.75	-430.6215
N+7.44	M7	CC12-3-7	Bottom	-121.4855	-137.9863	-0.6665	-4.2218	2.861	-779.2573
N+7.44	M7	CC12-3-8	Bottom	-121.4855	-264.4932	-0.6665	-4.2218	-1.75	-779.2573
N+7.44	M7	CC13-1	Bottom	-33.5447	247.5612	4.162	4.6631	10.9201	774.1687
N+7.44	M7	CC13-2	Bottom	-33.5447	-50.4774	4.162	4.6631	-2.745	774.1687
N+7.44	M7	CC13-3	Bottom	-33.5447	247.5612	-0.9954	4.6631	10.9201	-93.9354
N+7.44	M7	CC13-4	Bottom	-33.5447	-50.4774	-0.9954	4.6631	-2.745	-93.9354
N+7.44	M7	CC13-5	Bottom	-420.5382	247.5612	4.162	1.5009	10.9201	774.1687
N+7.44	M7	CC13-6	Bottom	-420.5382	-50.4774	4.162	1.5009	-2.745	774.1687
N+7.44	M7	CC13-7	Bottom	-420.5382	247.5612	-0.9954	1.5009	10.9201	-93.9354
N+7.44	M7	CC13-8	Bottom	-420.5382	-50.4774	-0.9954	1.5009	-2.745	-93.9354
N+7.44	M7	CC13-1-1	Bottom	280.3117	139.4825	0.6829	0.5451	1.736	418.2513

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N+7.44	M7	CC13-1-2	Bottom	280.3117	-158.556	0.6829	0.5451	-11.9291	418.2513
N+7.44	M7	CC13-1-3	Bottom	280.3117	139.4825	-4.4745	0.5451	1.736	-449.8528
N+7.44	M7	CC13-1-4	Bottom	280.3117	-158.556	-4.4745	0.5451	-11.9291	-449.8528
N+7.44	M7	CC13-1-5	Bottom	-106.6819	139.4825	0.6829	-2.617	1.736	418.2513
N+7.44	M7	CC13-1-6	Bottom	-106.6819	-158.556	0.6829	-2.617	-11.9291	418.2513
N+7.44	M7	CC13-1-7	Bottom	-106.6819	139.4825	-4.4745	-2.617	1.736	-449.8528
N+7.44	M7	CC13-1-8	Bottom	-106.6819	-158.556	-4.4745	-2.617	-11.9291	-449.8528
N+7.44	M7	CC13-2-1	Bottom	-48.3483	141.624	4.5738	3.0583	12.0452	444.7642
N+7.44	M7	CC13-2-2	Bottom	-48.3483	-156.4146	4.5738	3.0583	-1.6199	444.7642
N+7.44	M7	CC13-2-3	Bottom	-48.3483	141.624	-0.5836	3.0583	12.0452	-423.3399
N+7.44	M7	CC13-2-4	Bottom	-48.3483	-156.4146	-0.5836	3.0583	-1.6199	-423.3399
N+7.44	M7	CC13-2-5	Bottom	-435.3419	141.624	4.5738	-0.1038	12.0452	444.7642
N+7.44	M7	CC13-2-6	Bottom	-435.3419	-156.4146	4.5738	-0.1038	-1.6199	444.7642
N+7.44	M7	CC13-2-7	Bottom	-435.3419	141.624	-0.5836	-0.1038	12.0452	-423.3399
N+7.44	M7	CC13-2-8	Bottom	-435.3419	-156.4146	-0.5836	-0.1038	-1.6199	-423.3399
N+7.44	M7	CC13-3-1	Bottom	265.508	33.5454	1.0946	-1.0596	2.861	88.8468
N+7.44	M7	CC13-3-2	Bottom	265.508	-264.4932	1.0946	-1.0596	-10.8041	88.8468
N+7.44	M7	CC13-3-3	Bottom	265.508	33.5454	-4.0628	-1.0596	2.861	-779.2573
N+7.44	M7	CC13-3-4	Bottom	265.508	-264.4932	-4.0628	-1.0596	-10.8041	-779.2573
N+7.44	M7	CC13-3-5	Bottom	-121.4855	33.5454	1.0946	-4.2218	2.861	88.8468
N+7.44	M7	CC13-3-6	Bottom	-121.4855	-264.4932	1.0946	-4.2218	-10.8041	88.8468
N+7.44	M7	CC13-3-7	Bottom	-121.4855	33.5454	-4.0628	-4.2218	2.861	-779.2573
N+7.44	M7	CC13-3-8	Bottom	-121.4855	-264.4932	-4.0628	-4.2218	-10.8041	-779.2573
N+7.44	M8	CC12-1	Bottom	56.3312	43.9353	-0.1353	2.0188	-0.4122	79.8895
N+7.44	M8	CC12-2	Bottom	56.3312	-17.9555	-0.1353	2.0188	-0.6776	79.8895
N+7.44	M8	CC12-3	Bottom	56.3312	43.9353	-0.2688	2.0188	-0.4122	-113.2503
N+7.44	M8	CC12-4	Bottom	56.3312	-17.9555	-0.2688	2.0188	-0.6776	-113.2503
N+7.44	M8	CC12-5	Bottom	-38.8586	43.9353	-0.1353	1.1069	-0.4122	79.8895
N+7.44	M8	CC12-6	Bottom	-38.8586	-17.9555	-0.1353	1.1069	-0.6776	79.8895
N+7.44	M8	CC12-7	Bottom	-38.8586	43.9353	-0.2688	1.1069	-0.4122	-113.2503
N+7.44	M8	CC12-8	Bottom	-38.8586	-17.9555	-0.2688	1.1069	-0.6776	-113.2503
N+7.44	M8	CC12-1-1	Bottom	26.5845	50.7491	0.2802	-0.253	0.6137	201.5546
N+7.44	M8	CC12-1-2	Bottom	26.5845	-11.1417	0.2802	-0.253	0.3484	201.5546
N+7.44	M8	CC12-1-3	Bottom	26.5845	50.7491	0.1467	-0.253	0.6137	8.4148
N+7.44	M8	CC12-1-4	Bottom	26.5845	-11.1417	0.1467	-0.253	0.3484	8.4148
N+7.44	M8	CC12-1-5	Bottom	-68.6053	50.7491	0.2802	-1.1649	0.6137	201.5546
N+7.44	M8	CC12-1-6	Bottom	-68.6053	-11.1417	0.2802	-1.1649	0.3484	201.5546

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N+7.44	M8	CC12-1-7	Bottom	-68.6053	50.7491	0.1467	-1.1649	0.6137	8.4148
N+7.44	M8	CC12-1-8	Bottom	-68.6053	-11.1417	0.1467	-1.1649	0.3484	8.4148
N+7.44	M8	CC12-2-1	Bottom	-0.0034	7.0004	-0.0835	1.4353	-0.2829	-18.1871
N+7.44	M8	CC12-2-2	Bottom	-0.0034	-54.8904	-0.0835	1.4353	-0.5483	-18.1871
N+7.44	M8	CC12-2-3	Bottom	-0.0034	7.0004	-0.217	1.4353	-0.2829	-211.3269
N+7.44	M8	CC12-2-4	Bottom	-0.0034	-54.8904	-0.217	1.4353	-0.5483	-211.3269
N+7.44	M8	CC12-2-5	Bottom	-95.1932	7.0004	-0.0835	0.5234	-0.2829	-18.1871
N+7.44	M8	CC12-2-6	Bottom	-95.1932	-54.8904	-0.0835	0.5234	-0.5483	-18.1871
N+7.44	M8	CC12-2-7	Bottom	-95.1932	7.0004	-0.217	0.5234	-0.2829	-211.3269
N+7.44	M8	CC12-2-8	Bottom	-95.1932	-54.8904	-0.217	0.5234	-0.5483	-211.3269
N+7.44	M8	CC12-3-1	Bottom	-29.7502	13.8142	0.3321	-0.8364	0.743	103.4781
N+7.44	M8	CC12-3-2	Bottom	-29.7502	-48.0766	0.3321	-0.8364	0.4776	103.4781
N+7.44	M8	CC12-3-3	Bottom	-29.7502	13.8142	0.1986	-0.8364	0.743	-89.6617
N+7.44	M8	CC12-3-4	Bottom	-29.7502	-48.0766	0.1986	-0.8364	0.4776	-89.6617
N+7.44	M8	CC12-3-5	Bottom	-124.9399	13.8142	0.3321	-1.7484	0.743	103.4781
N+7.44	M8	CC12-3-6	Bottom	-124.9399	-48.0766	0.3321	-1.7484	0.4776	103.4781
N+7.44	M8	CC12-3-7	Bottom	-124.9399	13.8142	0.1986	-1.7484	0.743	-89.6617
N+7.44	M8	CC12-3-8	Bottom	-124.9399	-48.0766	0.1986	-1.7484	0.4776	-89.6617
N+7.44	M8	CC13-1	Bottom	166.9559	134.8866	0.0345	2.0188	0.0043	393.9003
N+7.44	M8	CC13-2	Bottom	166.9559	-17.9555	0.0345	2.0188	-0.6776	393.9003
N+7.44	M8	CC13-3	Bottom	166.9559	134.8866	-0.2688	2.0188	0.0043	-113.2503
N+7.44	M8	CC13-4	Bottom	166.9559	-17.9555	-0.2688	2.0188	-0.6776	-113.2503
N+7.44	M8	CC13-5	Bottom	-38.8586	134.8866	0.0345	0.8781	0.0043	393.9003
N+7.44	M8	CC13-6	Bottom	-38.8586	-17.9555	0.0345	0.8781	-0.6776	393.9003
N+7.44	M8	CC13-7	Bottom	-38.8586	134.8866	-0.2688	0.8781	0.0043	-113.2503
N+7.44	M8	CC13-8	Bottom	-38.8586	-17.9555	-0.2688	0.8781	-0.6776	-113.2503
N+7.44	M8	CC13-1-1	Bottom	-20.8261	11.77	0.2074	0.0739	0.4352	66.9785
N+7.44	M8	CC13-1-2	Bottom	-20.8261	-141.072	0.2074	0.0739	-0.2466	66.9785
N+7.44	M8	CC13-1-3	Bottom	-20.8261	11.77	-0.0959	0.0739	0.4352	-440.1721
N+7.44	M8	CC13-1-4	Bottom	-20.8261	-141.072	-0.0959	0.0739	-0.2466	-440.1721
N+7.44	M8	CC13-1-5	Bottom	-226.6406	11.77	0.2074	-1.0668	0.4352	66.9785
N+7.44	M8	CC13-1-6	Bottom	-226.6406	-141.072	0.2074	-1.0668	-0.2466	66.9785
N+7.44	M8	CC13-1-7	Bottom	-226.6406	11.77	-0.0959	-1.0668	0.4352	-440.1721
N+7.44	M8	CC13-1-8	Bottom	-226.6406	-141.072	-0.0959	-1.0668	-0.2466	-440.1721
N+7.44	M8	CC13-2-1	Bottom	158.0319	136.9307	0.1592	1.3373	0.312	430.3999
N+7.44	M8	CC13-2-2	Bottom	158.0319	-15.9113	0.1592	1.3373	-0.3698	430.3999
N+7.44	M8	CC13-2-3	Bottom	158.0319	136.9307	-0.1442	1.3373	0.312	-76.7508

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N+7.44	M8	CC13-2-4	Bottom	158.0319	-15.9113	-0.1442	1.3373	-0.3698	-76.7508
N+7.44	M8	CC13-2-5	Bottom	-47.7826	136.9307	0.1592	0.1966	0.312	430.3999
N+7.44	M8	CC13-2-6	Bottom	-47.7826	-15.9113	0.1592	0.1966	-0.3698	430.3999
N+7.44	M8	CC13-2-7	Bottom	-47.7826	136.9307	-0.1442	0.1966	0.312	-76.7508
N+7.44	M8	CC13-2-8	Bottom	-47.7826	-15.9113	-0.1442	0.1966	-0.3698	-76.7508
N+7.44	M8	CC13-3-1	Bottom	-29.7502	13.8142	0.3321	-0.6076	0.743	103.4781
N+7.44	M8	CC13-3-2	Bottom	-29.7502	-139.0279	0.3321	-0.6076	0.0612	103.4781
N+7.44	M8	CC13-3-3	Bottom	-29.7502	13.8142	0.0287	-0.6076	0.743	-403.6726
N+7.44	M8	CC13-3-4	Bottom	-29.7502	-139.0279	0.0287	-0.6076	0.0612	-403.6726
N+7.44	M8	CC13-3-5	Bottom	-235.5646	13.8142	0.3321	-1.7484	0.743	103.4781
N+7.44	M8	CC13-3-6	Bottom	-235.5646	-139.0279	0.3321	-1.7484	0.0612	103.4781
N+7.44	M8	CC13-3-7	Bottom	-235.5646	13.8142	0.0287	-1.7484	0.743	-403.6726
N+7.44	M8	CC13-3-8	Bottom	-235.5646	-139.0279	0.0287	-1.7484	0.0612	-403.6726
N+7.44	M9	CC12-1	Bottom	-78.7699	13.092	-0.897	1.8773	-1.7058	44.0565
N+7.44	M9	CC12-2	Bottom	-78.7699	-30.3043	-0.897	1.8773	-2.0457	44.0565
N+7.44	M9	CC12-3	Bottom	-78.7699	13.092	-1.0559	1.8773	-1.7058	-58.6816
N+7.44	M9	CC12-4	Bottom	-78.7699	-30.3043	-1.0559	1.8773	-2.0457	-58.6816
N+7.44	M9	CC12-5	Bottom	-176.0054	13.092	-0.897	1.1274	-1.7058	44.0565
N+7.44	M9	CC12-6	Bottom	-176.0054	-30.3043	-0.897	1.1274	-2.0457	44.0565
N+7.44	M9	CC12-7	Bottom	-176.0054	13.092	-1.0559	1.1274	-1.7058	-58.6816
N+7.44	M9	CC12-8	Bottom	-176.0054	-30.3043	-1.0559	1.1274	-2.0457	-58.6816
N+7.44	M9	CC12-1-1	Bottom	120.0069	63.5319	0.609	-0.4083	1.2354	139.7117
N+7.44	M9	CC12-1-2	Bottom	120.0069	20.1357	0.609	-0.4083	0.8955	139.7117
N+7.44	M9	CC12-1-3	Bottom	120.0069	63.5319	0.4501	-0.4083	1.2354	36.9736
N+7.44	M9	CC12-1-4	Bottom	120.0069	20.1357	0.4501	-0.4083	0.8955	36.9736
N+7.44	M9	CC12-1-5	Bottom	22.7714	63.5319	0.609	-1.1582	1.2354	139.7117
N+7.44	M9	CC12-1-6	Bottom	22.7714	20.1357	0.609	-1.1582	0.8955	139.7117
N+7.44	M9	CC12-1-7	Bottom	22.7714	63.5319	0.4501	-1.1582	1.2354	36.9736
N+7.44	M9	CC12-1-8	Bottom	22.7714	20.1357	0.4501	-1.1582	0.8955	36.9736
N+7.44	M9	CC12-2-1	Bottom	-94.0609	-10.8388	-0.5915	1.2926	-1.1427	-22.8077
N+7.44	M9	CC12-2-2	Bottom	-94.0609	-54.2351	-0.5915	1.2926	-1.4826	-22.8077
N+7.44	M9	CC12-2-3	Bottom	-94.0609	-10.8388	-0.7504	1.2926	-1.1427	-125.5459
N+7.44	M9	CC12-2-4	Bottom	-94.0609	-54.2351	-0.7504	1.2926	-1.4826	-125.5459
N+7.44	M9	CC12-2-5	Bottom	-191.2964	-10.8388	-0.5915	0.5426	-1.1427	-22.8077
N+7.44	M9	CC12-2-6	Bottom	-191.2964	-54.2351	-0.5915	0.5426	-1.4826	-22.8077
N+7.44	M9	CC12-2-7	Bottom	-191.2964	-10.8388	-0.7504	0.5426	-1.1427	-125.5459
N+7.44	M9	CC12-2-8	Bottom	-191.2964	-54.2351	-0.7504	0.5426	-1.4826	-125.5459

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N+7.44	M9	CC12-3-1	Bottom	104.7159	39.6011	0.9145	-0.993	1.7985	72.8475
N+7.44	M9	CC12-3-2	Bottom	104.7159	-3.7952	0.9145	-0.993	1.4586	72.8475
N+7.44	M9	CC12-3-3	Bottom	104.7159	39.6011	0.7556	-0.993	1.7985	-29.8907
N+7.44	M9	CC12-3-4	Bottom	104.7159	-3.7952	0.7556	-0.993	1.4586	-29.8907
N+7.44	M9	CC12-3-5	Bottom	7.4803	39.6011	0.9145	-1.743	1.7985	72.8475
N+7.44	M9	CC12-3-6	Bottom	7.4803	-3.7952	0.9145	-1.743	1.4586	72.8475
N+7.44	M9	CC12-3-7	Bottom	7.4803	39.6011	0.7556	-1.743	1.7985	-29.8907
N+7.44	M9	CC12-3-8	Bottom	7.4803	-3.7952	0.7556	-1.743	1.4586	-29.8907
N+7.44	M9	CC13-1	Bottom	96.0529	104.2385	-0.5558	1.8773	-0.9609	267.0318
N+7.44	M9	CC13-2	Bottom	96.0529	-30.3043	-0.5558	1.8773	-2.0457	267.0318
N+7.44	M9	CC13-3	Bottom	96.0529	104.2385	-1.0559	1.8773	-0.9609	-58.6816
N+7.44	M9	CC13-4	Bottom	96.0529	-30.3043	-1.0559	1.8773	-2.0457	-58.6816
N+7.44	M9	CC13-5	Bottom	-176.0054	104.2385	-0.5558	0.8918	-0.9609	267.0318
N+7.44	M9	CC13-6	Bottom	-176.0054	-30.3043	-0.5558	0.8918	-2.0457	267.0318
N+7.44	M9	CC13-7	Bottom	-176.0054	104.2385	-1.0559	0.8918	-0.9609	-58.6816
N+7.44	M9	CC13-8	Bottom	-176.0054	-30.3043	-1.0559	0.8918	-2.0457	-58.6816
N+7.44	M9	CC13-1-1	Bottom	45.0829	24.4691	0.4627	-0.0718	0.9161	44.1509
N+7.44	M9	CC13-1-2	Bottom	45.0829	-110.0736	0.4627	-0.0718	-0.1687	44.1509
N+7.44	M9	CC13-1-3	Bottom	45.0829	24.4691	-0.0374	-0.0718	0.9161	-281.5625
N+7.44	M9	CC13-1-4	Bottom	45.0829	-110.0736	-0.0374	-0.0718	-0.1687	-281.5625
N+7.44	M9	CC13-1-5	Bottom	-226.9754	24.4691	0.4627	-1.0573	0.9161	44.1509
N+7.44	M9	CC13-1-6	Bottom	-226.9754	-110.0736	0.4627	-1.0573	-0.1687	44.1509
N+7.44	M9	CC13-1-7	Bottom	-226.9754	24.4691	-0.0374	-1.0573	0.9161	-281.5625
N+7.44	M9	CC13-1-8	Bottom	-226.9754	-110.0736	-0.0374	-1.0573	-0.1687	-281.5625
N+7.44	M9	CC13-2-1	Bottom	155.6859	119.3704	-0.104	1.1916	-0.0786	295.7283
N+7.44	M9	CC13-2-2	Bottom	155.6859	-15.1723	-0.104	1.1916	-1.1633	295.7283
N+7.44	M9	CC13-2-3	Bottom	155.6859	119.3704	-0.6041	1.1916	-0.0786	-29.9851
N+7.44	M9	CC13-2-4	Bottom	155.6859	-15.1723	-0.6041	1.1916	-1.1633	-29.9851
N+7.44	M9	CC13-2-5	Bottom	-116.3724	119.3704	-0.104	0.2062	-0.0786	295.7283
N+7.44	M9	CC13-2-6	Bottom	-116.3724	-15.1723	-0.104	0.2062	-1.1633	295.7283
N+7.44	M9	CC13-2-7	Bottom	-116.3724	119.3704	-0.6041	0.2062	-0.0786	-29.9851
N+7.44	M9	CC13-2-8	Bottom	-116.3724	-15.1723	-0.6041	0.2062	-1.1633	-29.9851
N+7.44	M9	CC13-3-1	Bottom	104.7159	39.6011	0.9145	-0.7575	1.7985	72.8475
N+7.44	M9	CC13-3-2	Bottom	104.7159	-94.9417	0.9145	-0.7575	0.7137	72.8475
N+7.44	M9	CC13-3-3	Bottom	104.7159	39.6011	0.4144	-0.7575	1.7985	-252.8659
N+7.44	M9	CC13-3-4	Bottom	104.7159	-94.9417	0.4144	-0.7575	0.7137	-252.8659
N+7.44	M9	CC13-3-5	Bottom	-167.3424	39.6011	0.9145	-1.743	1.7985	72.8475

N+7.44	M9	CC13-3-6	Bottom	-167.3424	-94.9417	0.9145	-1.743	0.7137	72.8475
N+7.44	M9	CC13-3-7	Bottom	-167.3424	39.6011	0.4144	-1.743	1.7985	-252.8659
N+7.44	M9	CC13-3-8	Bottom	-167.3424	-94.9417	0.4144	-1.743	0.7137	-252.8659
N+7.44	M10	CC12-1	Bottom	-127.6884	49.0882	-0.6768	2.1605	-3.6492	217.9188
N+7.44	M10	CC12-2	Bottom	-127.6884	17.5778	-0.6768	2.1605	-4.526	217.9188
N+7.44	M10	CC12-3	Bottom	-127.6884	49.0882	-0.9218	2.1605	-3.6492	119.988
N+7.44	M10	CC12-4	Bottom	-127.6884	17.5778	-0.9218	2.1605	-4.526	119.988
N+7.44	M10	CC12-5	Bottom	-170.6066	49.0882	-0.6768	1.4954	-3.6492	217.9188
N+7.44	M10	CC12-6	Bottom	-170.6066	17.5778	-0.6768	1.4954	-4.526	217.9188
N+7.44	M10	CC12-7	Bottom	-170.6066	49.0882	-0.9218	1.4954	-3.6492	119.988
N+7.44	M10	CC12-8	Bottom	-170.6066	17.5778	-0.9218	1.4954	-4.526	119.988
N+7.44	M10	CC12-1-1	Bottom	25.1021	0.3069	0.0921	-0.0577	-0.4659	-19.9929
N+7.44	M10	CC12-1-2	Bottom	25.1021	-31.2036	0.0921	-0.0577	-1.3427	-19.9929
N+7.44	M10	CC12-1-3	Bottom	25.1021	0.3069	-0.1529	-0.0577	-0.4659	-117.9238
N+7.44	M10	CC12-1-4	Bottom	25.1021	-31.2036	-0.1529	-0.0577	-1.3427	-117.9238
N+7.44	M10	CC12-1-5	Bottom	-17.816	0.3069	0.0921	-0.7227	-0.4659	-19.9929
N+7.44	M10	CC12-1-6	Bottom	-17.816	-31.2036	0.0921	-0.7227	-1.3427	-19.9929
N+7.44	M10	CC12-1-7	Bottom	-17.816	0.3069	-0.1529	-0.7227	-0.4659	-117.9238
N+7.44	M10	CC12-1-8	Bottom	-17.816	-31.2036	-0.1529	-0.7227	-1.3427	-117.9238
N+7.44	M10	CC12-2-1	Bottom	-62.6121	19.0323	-0.5389	1.6692	-3.0437	100.0706
N+7.44	M10	CC12-2-2	Bottom	-62.6121	-12.4781	-0.5389	1.6692	-3.9204	100.0706
N+7.44	M10	CC12-2-3	Bottom	-62.6121	19.0323	-0.7839	1.6692	-3.0437	2.1397
N+7.44	M10	CC12-2-4	Bottom	-62.6121	-12.4781	-0.7839	1.6692	-3.9204	2.1397
N+7.44	M10	CC12-2-5	Bottom	-105.5303	19.0323	-0.5389	1.0041	-3.0437	100.0706
N+7.44	M10	CC12-2-6	Bottom	-105.5303	-12.4781	-0.5389	1.0041	-3.9204	100.0706
N+7.44	M10	CC12-2-7	Bottom	-105.5303	19.0323	-0.7839	1.0041	-3.0437	2.1397
N+7.44	M10	CC12-2-8	Bottom	-105.5303	-12.4781	-0.7839	1.0041	-3.9204	2.1397
N+7.44	M10	CC12-3-1	Bottom	90.1784	-29.749	0.23	-0.5489	0.1396	-137.8412
N+7.44	M10	CC12-3-2	Bottom	90.1784	-61.2595	0.23	-0.5489	-0.7372	-137.8412
N+7.44	M10	CC12-3-3	Bottom	90.1784	-29.749	-0.015	-0.5489	0.1396	-235.772
N+7.44	M10	CC12-3-4	Bottom	90.1784	-61.2595	-0.015	-0.5489	-0.7372	-235.772
N+7.44	M10	CC12-3-5	Bottom	47.2603	-29.749	0.23	-1.214	0.1396	-137.8412
N+7.44	M10	CC12-3-6	Bottom	47.2603	-61.2595	0.23	-1.214	-0.7372	-137.8412
N+7.44	M10	CC12-3-7	Bottom	47.2603	-29.749	-0.015	-1.214	0.1396	-235.772
N+7.44	M10	CC12-3-8	Bottom	47.2603	-61.2595	-0.015	-1.214	-0.7372	-235.772
N+7.44	M10	CC13-1	Bottom	-127.6884	85.0717	-0.4605	2.1605	-2.8338	326.3599
N+7.44	M10	CC13-2	Bottom	-127.6884	17.5778	-0.4605	2.1605	-4.526	326.3599

N+7.44	M10	CC13-3	Bottom	-127.6884	85.0717	-0.9218	2.1605	-2.8338	119.988
N+7.44	M10	CC13-4	Bottom	-127.6884	17.5778	-0.9218	2.1605	-4.526	119.988
N+7.44	M10	CC13-5	Bottom	-215.4979	85.0717	-0.4605	1.089	-2.8338	326.3599
N+7.44	M10	CC13-6	Bottom	-215.4979	17.5778	-0.4605	1.089	-4.526	326.3599
N+7.44	M10	CC13-7	Bottom	-215.4979	85.0717	-0.9218	1.089	-2.8338	119.988
N+7.44	M10	CC13-8	Bottom	-215.4979	17.5778	-0.9218	1.089	-4.526	119.988
N+7.44	M10	CC13-1-1	Bottom	89.2326	-15.1146	-0.0007	0.5229	-0.8154	-66.4677
N+7.44	M10	CC13-1-2	Bottom	89.2326	-82.6085	-0.0007	0.5229	-2.5075	-66.4677
N+7.44	M10	CC13-1-3	Bottom	89.2326	-15.1146	-0.462	0.5229	-0.8154	-272.8396
N+7.44	M10	CC13-1-4	Bottom	89.2326	-82.6085	-0.462	0.5229	-2.5075	-272.8396
N+7.44	M10	CC13-1-5	Bottom	1.4231	-15.1146	-0.0007	-0.5486	-0.8154	-66.4677
N+7.44	M10	CC13-1-6	Bottom	1.4231	-82.6085	-0.0007	-0.5486	-2.5075	-66.4677
N+7.44	M10	CC13-1-7	Bottom	1.4231	-15.1146	-0.462	-0.5486	-0.8154	-272.8396
N+7.44	M10	CC13-1-8	Bottom	1.4231	-82.6085	-0.462	-0.5486	-2.5075	-272.8396
N+7.44	M10	CC13-2-1	Bottom	-81.8513	70.4373	-0.2298	1.495	-1.8788	254.9864
N+7.44	M10	CC13-2-2	Bottom	-81.8513	2.9434	-0.2298	1.495	-3.571	254.9864
N+7.44	M10	CC13-2-3	Bottom	-81.8513	70.4373	-0.6912	1.495	-1.8788	48.6145
N+7.44	M10	CC13-2-4	Bottom	-81.8513	2.9434	-0.6912	1.495	-3.571	48.6145
N+7.44	M10	CC13-2-5	Bottom	-169.6607	70.4373	-0.2298	0.4235	-1.8788	254.9864
N+7.44	M10	CC13-2-6	Bottom	-169.6607	2.9434	-0.2298	0.4235	-3.571	254.9864
N+7.44	M10	CC13-2-7	Bottom	-169.6607	70.4373	-0.6912	0.4235	-1.8788	48.6145
N+7.44	M10	CC13-2-8	Bottom	-169.6607	2.9434	-0.6912	0.4235	-3.571	48.6145
N+7.44	M10	CC13-3-1	Bottom	135.0697	-29.749	0.23	-0.1425	0.1396	-137.8412
N+7.44	M10	CC13-3-2	Bottom	135.0697	-97.2429	0.23	-0.1425	-1.5526	-137.8412
N+7.44	M10	CC13-3-3	Bottom	135.0697	-29.749	-0.2314	-0.1425	0.1396	-344.2131
N+7.44	M10	CC13-3-4	Bottom	135.0697	-97.2429	-0.2314	-0.1425	-1.5526	-344.2131
N+7.44	M10	CC13-3-5	Bottom	47.2603	-29.749	0.23	-1.214	0.1396	-137.8412
N+7.44	M10	CC13-3-6	Bottom	47.2603	-97.2429	0.23	-1.214	-1.5526	-137.8412
N+7.44	M10	CC13-3-7	Bottom	47.2603	-29.749	-0.2314	-1.214	0.1396	-344.2131
N+7.44	M10	CC13-3-8	Bottom	47.2603	-97.2429	-0.2314	-1.214	-1.5526	-344.2131
N +4.07	M1	CC12-1	Bottom	-43.5163	-4.9276	-0.5059	0.2885	-1.7092	-11.3891
N +4.07	M1	CC12-2	Bottom	-43.5163	-27.2496	-0.5059	0.2885	-3.2412	-11.3891
N +4.07	M1	CC12-3	Bottom	-43.5163	-4.9276	-1.2458	0.2885	-1.7092	-129.3911
N +4.07	M1	CC12-4	Bottom	-43.5163	-27.2496	-1.2458	0.2885	-3.2412	-129.3911
N +4.07	M1	CC12-5	Bottom	-47.1599	-4.9276	-0.5059	0.1521	-1.7092	-11.3891
N +4.07	M1	CC12-6	Bottom	-47.1599	-27.2496	-0.5059	0.1521	-3.2412	-11.3891
N +4.07	M1	CC12-7	Bottom	-47.1599	-4.9276	-1.2458	0.1521	-1.7092	-129.3911

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N +4.07	M1	CC12-8	Bottom	-47.1599	-27.2496	-1.2458	0.1521	-3.2412	-129.3911
N +4.07	M1	CC12-1-1	Bottom	-63.8229	21.1386	1.9021	-0.1227	3.6507	138.1575
N +4.07	M1	CC12-1-2	Bottom	-63.8229	-1.1833	1.9021	-0.1227	2.1187	138.1575
N +4.07	M1	CC12-1-3	Bottom	-63.8229	21.1386	1.1622	-0.1227	3.6507	20.1554
N +4.07	M1	CC12-1-4	Bottom	-63.8229	-1.1833	1.1622	-0.1227	2.1187	20.1554
N +4.07	M1	CC12-1-5	Bottom	-67.4665	21.1386	1.9021	-0.2591	3.6507	138.1575
N +4.07	M1	CC12-1-6	Bottom	-67.4665	-1.1833	1.9021	-0.2591	2.1187	138.1575
N +4.07	M1	CC12-1-7	Bottom	-67.4665	21.1386	1.1622	-0.2591	3.6507	20.1554
N +4.07	M1	CC12-1-8	Bottom	-67.4665	-1.1833	1.1622	-0.2591	2.1187	20.1554
N +4.07	M1	CC12-2-1	Bottom	-48.6923	-9.8982	-0.1392	0.1929	-0.7935	-40.9568
N +4.07	M1	CC12-2-2	Bottom	-48.6923	-32.2202	-0.1392	0.1929	-2.3256	-40.9568
N +4.07	M1	CC12-2-3	Bottom	-48.6923	-9.8982	-0.8791	0.1929	-0.7935	-158.9588
N +4.07	M1	CC12-2-4	Bottom	-48.6923	-32.2202	-0.8791	0.1929	-2.3256	-158.9588
N +4.07	M1	CC12-2-5	Bottom	-52.3359	-9.8982	-0.1392	0.0564	-0.7935	-40.9568
N +4.07	M1	CC12-2-6	Bottom	-52.3359	-32.2202	-0.1392	0.0564	-2.3256	-40.9568
N +4.07	M1	CC12-2-7	Bottom	-52.3359	-9.8982	-0.8791	0.0564	-0.7935	-158.9588
N +4.07	M1	CC12-2-8	Bottom	-52.3359	-32.2202	-0.8791	0.0564	-2.3256	-158.9588
N +4.07	M1	CC12-3-1	Bottom	-68.9989	16.168	2.2687	-0.2183	4.5664	108.5897
N +4.07	M1	CC12-3-2	Bottom	-68.9989	-6.1539	2.2687	-0.2183	3.0344	108.5897
N +4.07	M1	CC12-3-3	Bottom	-68.9989	16.168	1.5288	-0.2183	4.5664	-9.4123
N +4.07	M1	CC12-3-4	Bottom	-68.9989	-6.1539	1.5288	-0.2183	3.0344	-9.4123
N +4.07	M1	CC12-3-5	Bottom	-72.6425	16.168	2.2687	-0.3548	4.5664	108.5897
N +4.07	M1	CC12-3-6	Bottom	-72.6425	-6.1539	2.2687	-0.3548	3.0344	108.5897
N +4.07	M1	CC12-3-7	Bottom	-72.6425	16.168	1.5288	-0.3548	4.5664	-9.4123
N +4.07	M1	CC12-3-8	Bottom	-72.6425	-6.1539	1.5288	-0.3548	3.0344	-9.4123
N +4.07	M1	CC13-1	Bottom	-43.5163	24.9168	0.3243	0.2885	-0.0938	162.2849
N +4.07	M1	CC13-2	Bottom	-43.5163	-27.2496	0.3243	0.2885	-3.2412	162.2849
N +4.07	M1	CC13-3	Bottom	-43.5163	24.9168	-1.2458	0.2885	-0.0938	-129.3911
N +4.07	M1	CC13-4	Bottom	-43.5163	-27.2496	-1.2458	0.2885	-3.2412	-129.3911
N +4.07	M1	CC13-5	Bottom	-49.2971	24.9168	0.3243	0.0875	-0.0938	162.2849
N +4.07	M1	CC13-6	Bottom	-49.2971	-27.2496	0.3243	0.0875	-3.2412	162.2849
N +4.07	M1	CC13-7	Bottom	-49.2971	24.9168	-1.2458	0.0875	-0.0938	-129.3911
N +4.07	M1	CC13-8	Bottom	-49.2971	-27.2496	-1.2458	0.0875	-3.2412	-129.3911
N +4.07	M1	CC13-1-1	Bottom	-60.7697	8.3481	1.5463	-0.0304	2.9584	63.7258
N +4.07	M1	CC13-1-2	Bottom	-60.7697	-43.8183	1.5463	-0.0304	-0.189	63.7258
N +4.07	M1	CC13-1-3	Bottom	-60.7697	8.3481	-0.0237	-0.0304	2.9584	-227.9502
N +4.07	M1	CC13-1-4	Bottom	-60.7697	-43.8183	-0.0237	-0.0304	-0.189	-227.9502

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N +4.07	M1	CC13-1-5	Bottom	-66.5505	8.3481	1.5463	-0.2314	2.9584	63.7258
N +4.07	M1	CC13-1-6	Bottom	-66.5505	-43.8183	1.5463	-0.2314	-0.189	63.7258
N +4.07	M1	CC13-1-7	Bottom	-66.5505	8.3481	-0.0237	-0.2314	2.9584	-227.9502
N +4.07	M1	CC13-1-8	Bottom	-66.5505	-43.8183	-0.0237	-0.2314	-0.189	-227.9502
N +4.07	M1	CC13-2-1	Bottom	-49.6082	32.7367	1.0466	0.1652	1.5142	207.1488
N +4.07	M1	CC13-2-2	Bottom	-49.6082	-19.4297	1.0466	0.1652	-1.6332	207.1488
N +4.07	M1	CC13-2-3	Bottom	-49.6082	32.7367	-0.5234	0.1652	1.5142	-84.5271
N +4.07	M1	CC13-2-4	Bottom	-49.6082	-19.4297	-0.5234	0.1652	-1.6332	-84.5271
N +4.07	M1	CC13-2-5	Bottom	-55.3891	32.7367	1.0466	-0.0359	1.5142	207.1488
N +4.07	M1	CC13-2-6	Bottom	-55.3891	-19.4297	1.0466	-0.0359	-1.6332	207.1488
N +4.07	M1	CC13-2-7	Bottom	-55.3891	32.7367	-0.5234	-0.0359	1.5142	-84.5271
N +4.07	M1	CC13-2-8	Bottom	-55.3891	-19.4297	-0.5234	-0.0359	-1.6332	-84.5271
N +4.07	M1	CC13-3-1	Bottom	-66.8617	16.168	2.2687	-0.1537	4.5664	108.5897
N +4.07	M1	CC13-3-2	Bottom	-66.8617	-35.9984	2.2687	-0.1537	1.4189	108.5897
N +4.07	M1	CC13-3-3	Bottom	-66.8617	16.168	0.6987	-0.1537	4.5664	-183.0862
N +4.07	M1	CC13-3-4	Bottom	-66.8617	-35.9984	0.6987	-0.1537	1.4189	-183.0862
N +4.07	M1	CC13-3-5	Bottom	-72.6425	16.168	2.2687	-0.3548	4.5664	108.5897
N +4.07	M1	CC13-3-6	Bottom	-72.6425	-35.9984	2.2687	-0.3548	1.4189	108.5897
N +4.07	M1	CC13-3-7	Bottom	-72.6425	16.168	0.6987	-0.3548	4.5664	-183.0862
N +4.07	M1	CC13-3-8	Bottom	-72.6425	-35.9984	0.6987	-0.3548	1.4189	-183.0862
N +4.07	M2	CC12-1	Bottom	-15.982	4.7246	-0.9843	0.7815	-1.9573	-1.0451
N +4.07	M2	CC12-2	Bottom	-15.982	-29.6814	-0.9843	0.7815	-2.7932	-1.0451
N +4.07	M2	CC12-3	Bottom	-15.982	4.7246	-1.4383	0.7815	-1.9573	-209.4026
N +4.07	M2	CC12-4	Bottom	-15.982	-29.6814	-1.4383	0.7815	-2.7932	-209.4026
N +4.07	M2	CC12-5	Bottom	-38.5344	4.7246	-0.9843	0.3731	-1.9573	-1.0451
N +4.07	M2	CC12-6	Bottom	-38.5344	-29.6814	-0.9843	0.3731	-2.7932	-1.0451
N +4.07	M2	CC12-7	Bottom	-38.5344	4.7246	-1.4383	0.3731	-1.9573	-209.4026
N +4.07	M2	CC12-8	Bottom	-38.5344	-29.6814	-1.4383	0.3731	-2.7932	-209.4026
N +4.07	M2	CC12-1-1	Bottom	-84.1945	45.8222	1.2415	-0.1726	2.3029	266.8064
N +4.07	M2	CC12-1-2	Bottom	-84.1945	11.4162	1.2415	-0.1726	1.4669	266.8064
N +4.07	M2	CC12-1-3	Bottom	-84.1945	45.8222	0.7875	-0.1726	2.3029	58.4489
N +4.07	M2	CC12-1-4	Bottom	-84.1945	11.4162	0.7875	-0.1726	1.4669	58.4489
N +4.07	M2	CC12-1-5	Bottom	-106.7469	45.8222	1.2415	-0.5809	2.3029	266.8064
N +4.07	M2	CC12-1-6	Bottom	-106.7469	11.4162	1.2415	-0.5809	1.4669	266.8064
N +4.07	M2	CC12-1-7	Bottom	-106.7469	45.8222	0.7875	-0.5809	2.3029	58.4489
N +4.07	M2	CC12-1-8	Bottom	-106.7469	11.4162	0.7875	-0.5809	1.4669	58.4489
N +4.07	M2	CC12-2-1	Bottom	-21.2101	-2.9718	-0.6601	0.682	-1.3204	-54.1273

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N +4.07	M2	CC12-2-2	Bottom	-21.2101	-37.3777	-0.6601	0.682	-2.1563	-54.1273
N +4.07	M2	CC12-2-3	Bottom	-21.2101	-2.9718	-1.1141	0.682	-1.3204	-262.4848
N +4.07	M2	CC12-2-4	Bottom	-21.2101	-37.3777	-1.1141	0.682	-2.1563	-262.4848
N +4.07	M2	CC12-2-5	Bottom	-43.7625	-2.9718	-0.6601	0.2736	-1.3204	-54.1273
N +4.07	M2	CC12-2-6	Bottom	-43.7625	-37.3777	-0.6601	0.2736	-2.1563	-54.1273
N +4.07	M2	CC12-2-7	Bottom	-43.7625	-2.9718	-1.1141	0.2736	-1.3204	-262.4848
N +4.07	M2	CC12-2-8	Bottom	-43.7625	-37.3777	-1.1141	0.2736	-2.1563	-262.4848
N +4.07	M2	CC12-3-1	Bottom	-89.4225	38.1258	1.5657	-0.2721	2.9398	213.7242
N +4.07	M2	CC12-3-2	Bottom	-89.4225	3.7198	1.5657	-0.2721	2.1039	213.7242
N +4.07	M2	CC12-3-3	Bottom	-89.4225	38.1258	1.1117	-0.2721	2.9398	5.3667
N +4.07	M2	CC12-3-4	Bottom	-89.4225	3.7198	1.1117	-0.2721	2.1039	5.3667
N +4.07	M2	CC12-3-5	Bottom	-111.975	38.1258	1.5657	-0.6805	2.9398	213.7242
N +4.07	M2	CC12-3-6	Bottom	-111.975	3.7198	1.5657	-0.6805	2.1039	213.7242
N +4.07	M2	CC12-3-7	Bottom	-111.975	38.1258	1.1117	-0.6805	2.9398	5.3667
N +4.07	M2	CC12-3-8	Bottom	-111.975	3.7198	1.1117	-0.6805	2.1039	5.3667
N +4.07	M2	CC13-1	Bottom	-15.982	51.4511	-0.1827	0.7815	-0.4614	310.3094
N +4.07	M2	CC13-2	Bottom	-15.982	-29.6814	-0.1827	0.7815	-2.7932	310.3094
N +4.07	M2	CC13-3	Bottom	-15.982	51.4511	-1.4383	0.7815	-0.4614	-209.4026
N +4.07	M2	CC13-4	Bottom	-15.982	-29.6814	-1.4383	0.7815	-2.7932	-209.4026
N +4.07	M2	CC13-5	Bottom	-74.0843	51.4511	-0.1827	-0.0625	-0.4614	310.3094
N +4.07	M2	CC13-6	Bottom	-74.0843	-29.6814	-0.1827	-0.0625	-2.7932	310.3094
N +4.07	M2	CC13-7	Bottom	-74.0843	51.4511	-1.4383	-0.0625	-0.4614	-209.4026
N +4.07	M2	CC13-8	Bottom	-74.0843	-29.6814	-1.4383	-0.0625	-2.7932	-209.4026
N +4.07	M2	CC13-1-1	Bottom	-33.4089	25.7965	0.8979	0.4497	1.6617	133.3687
N +4.07	M2	CC13-1-2	Bottom	-33.4089	-55.336	0.8979	0.4497	-0.6702	133.3687
N +4.07	M2	CC13-1-3	Bottom	-33.4089	25.7965	-0.3577	0.4497	1.6617	-386.3433
N +4.07	M2	CC13-1-4	Bottom	-33.4089	-55.336	-0.3577	0.4497	-0.6702	-386.3433
N +4.07	M2	CC13-1-5	Bottom	-91.5112	25.7965	0.8979	-0.3942	1.6617	133.3687
N +4.07	M2	CC13-1-6	Bottom	-91.5112	-55.336	0.8979	-0.3942	-0.6702	133.3687
N +4.07	M2	CC13-1-7	Bottom	-91.5112	25.7965	-0.3577	-0.3942	1.6617	-386.3433
N +4.07	M2	CC13-1-8	Bottom	-91.5112	-55.336	-0.3577	-0.3942	-0.6702	-386.3433
N +4.07	M2	CC13-2-1	Bottom	-36.4457	63.7804	0.4851	0.4953	0.8167	390.6648
N +4.07	M2	CC13-2-2	Bottom	-36.4457	-17.3521	0.4851	0.4953	-1.5152	390.6648
N +4.07	M2	CC13-2-3	Bottom	-36.4457	63.7804	-0.7706	0.4953	0.8167	-129.0471
N +4.07	M2	CC13-2-4	Bottom	-36.4457	-17.3521	-0.7706	0.4953	-1.5152	-129.0471
N +4.07	M2	CC13-2-5	Bottom	-94.548	63.7804	0.4851	-0.3487	0.8167	390.6648
N +4.07	M2	CC13-2-6	Bottom	-94.548	-17.3521	0.4851	-0.3487	-1.5152	390.6648

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N +4.07	M2	CC13-2-7	Bottom	-94.548	63.7804	-0.7706	-0.3487	0.8167	-129.0471
N +4.07	M2	CC13-2-8	Bottom	-94.548	-17.3521	-0.7706	-0.3487	-1.5152	-129.0471
N +4.07	M2	CC13-3-1	Bottom	-53.8727	38.1258	1.5657	0.1635	2.9398	213.7242
N +4.07	M2	CC13-3-2	Bottom	-53.8727	-43.0067	1.5657	0.1635	0.6079	213.7242
N +4.07	M2	CC13-3-3	Bottom	-53.8727	38.1258	0.31	0.1635	2.9398	-305.9878
N +4.07	M2	CC13-3-4	Bottom	-53.8727	-43.0067	0.31	0.1635	0.6079	-305.9878
N +4.07	M2	CC13-3-5	Bottom	-111.975	38.1258	1.5657	-0.6805	2.9398	213.7242
N +4.07	M2	CC13-3-6	Bottom	-111.975	-43.0067	1.5657	-0.6805	0.6079	213.7242
N +4.07	M2	CC13-3-7	Bottom	-111.975	38.1258	0.31	-0.6805	2.9398	-305.9878
N +4.07	M2	CC13-3-8	Bottom	-111.975	-43.0067	0.31	-0.6805	0.6079	-305.9878
N +4.07	M3	CC12-1	Bottom	-481.7587	504.0721	4.756	6.1245	9.9964	3165.565
N +4.07	M3	CC12-2	Bottom	-481.7587	366.1904	4.756	6.1245	-1.6881	3165.565
N +4.07	M3	CC12-3	Bottom	-481.7587	504.0721	1.4432	6.1245	9.9964	2252.6087
N +4.07	M3	CC12-4	Bottom	-481.7587	366.1904	1.4432	6.1245	-1.6881	2252.6087
N +4.07	M3	CC12-5	Bottom	-637.3682	504.0721	4.756	2.8567	9.9964	3165.565
N +4.07	M3	CC12-6	Bottom	-637.3682	366.1904	4.756	2.8567	-1.6881	3165.565
N +4.07	M3	CC12-7	Bottom	-637.3682	504.0721	1.4432	2.8567	9.9964	2252.6087
N +4.07	M3	CC12-8	Bottom	-637.3682	366.1904	1.4432	2.8567	-1.6881	2252.6087
N +4.07	M3	CC12-1-1	Bottom	78.047	-233.7787	4.3915	-4.1612	14.1769	-1362.1148
N +4.07	M3	CC12-1-2	Bottom	78.047	-371.6603	4.3915	-4.1612	2.4923	-1362.1148
N +4.07	M3	CC12-1-3	Bottom	78.047	-233.7787	1.0787	-4.1612	14.1769	-2275.0712
N +4.07	M3	CC12-1-4	Bottom	78.047	-371.6603	1.0787	-4.1612	2.4923	-2275.0712
N +4.07	M3	CC12-1-5	Bottom	-77.5625	-233.7787	4.3915	-7.4289	14.1769	-1362.1148
N +4.07	M3	CC12-1-6	Bottom	-77.5625	-371.6603	4.3915	-7.4289	2.4923	-1362.1148
N +4.07	M3	CC12-1-7	Bottom	-77.5625	-233.7787	1.0787	-7.4289	14.1769	-2275.0712
N +4.07	M3	CC12-1-8	Bottom	-77.5625	-371.6603	1.0787	-7.4289	2.4923	-2275.0712
N +4.07	M3	CC12-2-1	Bottom	-424.1029	377.2455	1.4917	2.2509	0.931	2395.9419
N +4.07	M3	CC12-2-2	Bottom	-424.1029	239.3638	1.4917	2.2509	-10.7536	2395.9419
N +4.07	M3	CC12-2-3	Bottom	-424.1029	377.2455	-1.8211	2.2509	0.931	1482.9856
N +4.07	M3	CC12-2-4	Bottom	-424.1029	239.3638	-1.8211	2.2509	-10.7536	1482.9856
N +4.07	M3	CC12-2-5	Bottom	-579.7124	377.2455	1.4917	-1.0169	0.931	2395.9419
N +4.07	M3	CC12-2-6	Bottom	-579.7124	239.3638	1.4917	-1.0169	-10.7536	2395.9419
N +4.07	M3	CC12-2-7	Bottom	-579.7124	377.2455	-1.8211	-1.0169	0.931	1482.9856
N +4.07	M3	CC12-2-8	Bottom	-579.7124	239.3638	-1.8211	-1.0169	-10.7536	1482.9856
N +4.07	M3	CC12-3-1	Bottom	135.7028	-360.6053	1.1272	-8.0347	5.1114	-2131.738
N +4.07	M3	CC12-3-2	Bottom	135.7028	-498.4869	1.1272	-8.0347	-6.5731	-2131.738
N +4.07	M3	CC12-3-3	Bottom	135.7028	-360.6053	-2.1856	-8.0347	5.1114	-3044.6943

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N +4.07	M3	CC12-3-4	Bottom	135.7028	-498.4869	-2.1856	-8.0347	-6.5731	-3044.6943
N +4.07	M3	CC12-3-5	Bottom	-19.9067	-360.6053	1.1272	-11.3025	5.1114	-2131.738
N +4.07	M3	CC12-3-6	Bottom	-19.9067	-498.4869	1.1272	-11.3025	-6.5731	-2131.738
N +4.07	M3	CC12-3-7	Bottom	-19.9067	-360.6053	-2.1856	-11.3025	5.1114	-3044.6943
N +4.07	M3	CC12-3-8	Bottom	-19.9067	-498.4869	-2.1856	-11.3025	-6.5731	-3044.6943
N +4.07	M3	CC13-1	Bottom	-224.4248	504.0721	12.1175	7.9628	34.0754	3165.565
N +4.07	M3	CC13-2	Bottom	-224.4248	145.6236	12.1175	7.9628	-1.6881	3165.565
N +4.07	M3	CC13-3	Bottom	-224.4248	504.0721	1.4432	7.9628	34.0754	879.0201
N +4.07	M3	CC13-4	Bottom	-224.4248	145.6236	1.4432	7.9628	-1.6881	879.0201
N +4.07	M3	CC13-5	Bottom	-637.3682	504.0721	12.1175	2.8567	34.0754	3165.565
N +4.07	M3	CC13-6	Bottom	-637.3682	145.6236	12.1175	2.8567	-1.6881	3165.565
N +4.07	M3	CC13-7	Bottom	-637.3682	504.0721	1.4432	2.8567	34.0754	879.0201
N +4.07	M3	CC13-8	Bottom	-637.3682	145.6236	1.4432	2.8567	-1.6881	879.0201
N +4.07	M3	CC13-1-1	Bottom	-32.2389	81.3168	1.2365	-4.949	3.8573	600.1546
N +4.07	M3	CC13-1-2	Bottom	-32.2389	-277.1317	1.2365	-4.949	-31.9062	600.1546
N +4.07	M3	CC13-1-3	Bottom	-32.2389	81.3168	-9.4378	-4.949	3.8573	-1686.3903
N +4.07	M3	CC13-1-4	Bottom	-32.2389	-277.1317	-9.4378	-4.949	-31.9062	-1686.3903
N +4.07	M3	CC13-1-5	Bottom	-445.1823	81.3168	1.2365	-10.0552	3.8573	600.1546
N +4.07	M3	CC13-1-6	Bottom	-445.1823	-277.1317	1.2365	-10.0552	-31.9062	600.1546
N +4.07	M3	CC13-1-7	Bottom	-445.1823	81.3168	-9.4378	-10.0552	3.8573	-1686.3903
N +4.07	M3	CC13-1-8	Bottom	-445.1823	-277.1317	-9.4378	-10.0552	-31.9062	-1686.3903
N +4.07	M3	CC13-2-1	Bottom	-56.4831	282.7169	12.0082	4.8771	35.3296	1807.2611
N +4.07	M3	CC13-2-2	Bottom	-56.4831	-75.7316	12.0082	4.8771	-0.434	1807.2611
N +4.07	M3	CC13-2-3	Bottom	-56.4831	282.7169	1.3339	4.8771	35.3296	-479.2838
N +4.07	M3	CC13-2-4	Bottom	-56.4831	-75.7316	1.3339	4.8771	-0.434	-479.2838
N +4.07	M3	CC13-2-5	Bottom	-469.4265	282.7169	12.0082	-0.229	35.3296	1807.2611
N +4.07	M3	CC13-2-6	Bottom	-469.4265	-75.7316	12.0082	-0.229	-0.434	1807.2611
N +4.07	M3	CC13-2-7	Bottom	-469.4265	282.7169	1.3339	-0.229	35.3296	-479.2838
N +4.07	M3	CC13-2-8	Bottom	-469.4265	-75.7316	1.3339	-0.229	-0.434	-479.2838
N +4.07	M3	CC13-3-1	Bottom	135.7028	-140.0385	1.1272	-8.0347	5.1114	-758.1494
N +4.07	M3	CC13-3-2	Bottom	135.7028	-498.4869	1.1272	-8.0347	-30.6521	-758.1494
N +4.07	M3	CC13-3-3	Bottom	135.7028	-140.0385	-9.5471	-8.0347	5.1114	-3044.6943
N +4.07	M3	CC13-3-4	Bottom	135.7028	-498.4869	-9.5471	-8.0347	-30.6521	-3044.6943
N +4.07	M3	CC13-3-5	Bottom	-277.2406	-140.0385	1.1272	-13.1409	5.1114	-758.1494
N +4.07	M3	CC13-3-6	Bottom	-277.2406	-498.4869	1.1272	-13.1409	-30.6521	-758.1494
N +4.07	M3	CC13-3-7	Bottom	-277.2406	-140.0385	-9.5471	-13.1409	5.1114	-3044.6943
N +4.07	M3	CC13-3-8	Bottom	-277.2406	-498.4869	-9.5471	-13.1409	-30.6521	-3044.6943

N +4.07	M4	CC12-1	Bottom	20.5178	60.2075	0.0419	0.1826	0.2311	162.3796
N +4.07	M4	CC12-2	Bottom	20.5178	41.0079	0.0419	0.1826	-0.2306	162.3796
N +4.07	M4	CC12-3	Bottom	20.5178	60.2075	-0.0263	0.1826	0.2311	113.4281
N +4.07	M4	CC12-4	Bottom	20.5178	41.0079	-0.0263	0.1826	-0.2306	113.4281
N +4.07	M4	CC12-5	Bottom	-68.573	60.2075	0.0419	0.1037	0.2311	162.3796
N +4.07	M4	CC12-6	Bottom	-68.573	41.0079	0.0419	0.1037	-0.2306	162.3796
N +4.07	M4	CC12-7	Bottom	-68.573	60.2075	-0.0263	0.1037	0.2311	113.4281
N +4.07	M4	CC12-8	Bottom	-68.573	41.0079	-0.0263	0.1037	-0.2306	113.4281
N +4.07	M4	CC12-1-1	Bottom	-45.5975	-28.7602	0.0747	-0.0393	0.5251	-78.6315
N +4.07	M4	CC12-1-2	Bottom	-45.5975	-47.9598	0.0747	-0.0393	0.0635	-78.6315
N +4.07	M4	CC12-1-3	Bottom	-45.5975	-28.7602	0.0065	-0.0393	0.5251	-127.583
N +4.07	M4	CC12-1-4	Bottom	-45.5975	-47.9598	0.0065	-0.0393	0.0635	-127.583
N +4.07	M4	CC12-1-5	Bottom	-134.6882	-28.7602	0.0747	-0.1182	0.5251	-78.6315
N +4.07	M4	CC12-1-6	Bottom	-134.6882	-47.9598	0.0747	-0.1182	0.0635	-78.6315
N +4.07	M4	CC12-1-7	Bottom	-134.6882	-28.7602	0.0065	-0.1182	0.5251	-127.583
N +4.07	M4	CC12-1-8	Bottom	-134.6882	-47.9598	0.0065	-0.1182	0.0635	-127.583
N +4.07	M4	CC12-2-1	Bottom	74.5531	48.3868	-0.0039	0.1265	-0.0636	129.9617
N +4.07	M4	CC12-2-2	Bottom	74.5531	29.1872	-0.0039	0.1265	-0.5252	129.9617
N +4.07	M4	CC12-2-3	Bottom	74.5531	48.3868	-0.072	0.1265	-0.0636	81.0103
N +4.07	M4	CC12-2-4	Bottom	74.5531	29.1872	-0.072	0.1265	-0.5252	81.0103
N +4.07	M4	CC12-2-5	Bottom	-14.5377	48.3868	-0.0039	0.0475	-0.0636	129.9617
N +4.07	M4	CC12-2-6	Bottom	-14.5377	29.1872	-0.0039	0.0475	-0.5252	129.9617
N +4.07	M4	CC12-2-7	Bottom	-14.5377	48.3868	-0.072	0.0475	-0.0636	81.0103
N +4.07	M4	CC12-2-8	Bottom	-14.5377	29.1872	-0.072	0.0475	-0.5252	81.0103
N +4.07	M4	CC12-3-1	Bottom	8.4378	-40.5809	0.0289	-0.0954	0.2304	-111.0494
N +4.07	M4	CC12-3-2	Bottom	8.4378	-59.7805	0.0289	-0.0954	-0.2312	-111.0494
N +4.07	M4	CC12-3-3	Bottom	8.4378	-40.5809	-0.0392	-0.0954	0.2304	-160.0008
N +4.07	M4	CC12-3-4	Bottom	8.4378	-59.7805	-0.0392	-0.0954	-0.2312	-160.0008
N +4.07	M4	CC12-3-5	Bottom	-80.653	-40.5809	0.0289	-0.1744	0.2304	-111.0494
N +4.07	M4	CC12-3-6	Bottom	-80.653	-59.7805	0.0289	-0.1744	-0.2312	-111.0494
N +4.07	M4	CC12-3-7	Bottom	-80.653	-40.5809	-0.0392	-0.1744	0.2304	-160.0008
N +4.07	M4	CC12-3-8	Bottom	-80.653	-59.7805	-0.0392	-0.1744	-0.2312	-160.0008
N +4.07	M4	CC13-1	Bottom	20.5178	60.2075	0.1716	0.1826	1.1245	162.3796
N +4.07	M4	CC13-2	Bottom	20.5178	6.3122	0.1716	0.1826	-0.2306	162.3796
N +4.07	M4	CC13-3	Bottom	20.5178	60.2075	-0.0263	0.1826	1.1245	20.362
N +4.07	M4	CC13-4	Bottom	20.5178	6.3122	-0.0263	0.1826	-0.2306	20.362
N +4.07	M4	CC13-5	Bottom	-240.936	60.2075	0.1716	0.0794	1.1245	162.3796

N +4.07	M4	CC13-6	Bottom	-240.936	6.3122	0.1716	0.0794	-0.2306	162.3796
N +4.07	M4	CC13-7	Bottom	-240.936	60.2075	-0.0263	0.0794	1.1245	20.362
N +4.07	M4	CC13-8	Bottom	-240.936	6.3122	-0.0263	0.0794	-0.2306	20.362
N +4.07	M4	CC13-1-1	Bottom	200.6354	20.8051	0.0191	-0.0046	0.1422	54.3201
N +4.07	M4	CC13-1-2	Bottom	200.6354	-33.0902	0.0191	-0.0046	-1.2128	54.3201
N +4.07	M4	CC13-1-3	Bottom	200.6354	20.8051	-0.1788	-0.0046	0.1422	-87.6975
N +4.07	M4	CC13-1-4	Bottom	200.6354	-33.0902	-0.1788	-0.0046	-1.2128	-87.6975
N +4.07	M4	CC13-1-5	Bottom	-60.8184	20.8051	0.0191	-0.1078	0.1422	54.3201
N +4.07	M4	CC13-1-6	Bottom	-60.8184	-33.0902	0.0191	-0.1078	-1.2128	54.3201
N +4.07	M4	CC13-1-7	Bottom	-60.8184	20.8051	-0.1788	-0.1078	0.1422	-87.6975
N +4.07	M4	CC13-1-8	Bottom	-60.8184	-33.0902	-0.1788	-0.1078	-1.2128	-87.6975
N +4.07	M4	CC13-2-1	Bottom	0.6832	33.5172	0.1815	0.1161	1.2127	90.0762
N +4.07	M4	CC13-2-2	Bottom	0.6832	-20.3781	0.1815	0.1161	-0.1424	90.0762
N +4.07	M4	CC13-2-3	Bottom	0.6832	33.5172	-0.0164	0.1161	1.2127	-51.9413
N +4.07	M4	CC13-2-4	Bottom	0.6832	-20.3781	-0.0164	0.1161	-0.1424	-51.9413
N +4.07	M4	CC13-2-5	Bottom	-260.7706	33.5172	0.1815	0.0129	1.2127	90.0762
N +4.07	M4	CC13-2-6	Bottom	-260.7706	-20.3781	0.1815	0.0129	-0.1424	90.0762
N +4.07	M4	CC13-2-7	Bottom	-260.7706	33.5172	-0.0164	0.0129	1.2127	-51.9413
N +4.07	M4	CC13-2-8	Bottom	-260.7706	-20.3781	-0.0164	0.0129	-0.1424	-51.9413
N +4.07	M4	CC13-3-1	Bottom	180.8008	-5.8852	0.0289	-0.0712	0.2304	-17.9833
N +4.07	M4	CC13-3-2	Bottom	180.8008	-59.7805	0.0289	-0.0712	-1.1246	-17.9833
N +4.07	M4	CC13-3-3	Bottom	180.8008	-5.8852	-0.169	-0.0712	0.2304	-160.0008
N +4.07	M4	CC13-3-4	Bottom	180.8008	-59.7805	-0.169	-0.0712	-1.1246	-160.0008
N +4.07	M4	CC13-3-5	Bottom	-80.653	-5.8852	0.0289	-0.1744	0.2304	-17.9833
N +4.07	M4	CC13-3-6	Bottom	-80.653	-59.7805	0.0289	-0.1744	-1.1246	-17.9833
N +4.07	M4	CC13-3-7	Bottom	-80.653	-5.8852	-0.169	-0.1744	0.2304	-160.0008
N +4.07	M4	CC13-3-8	Bottom	-80.653	-59.7805	-0.169	-0.1744	-1.1246	-160.0008
N +4.07	M5	CC12-1	Bottom	59.9332	22.2858	-1.1422	0.8651	-2.971	59.0289
N +4.07	M5	CC12-2	Bottom	59.9332	0.0138	-1.1422	0.8651	-3.5111	59.0289
N +4.07	M5	CC12-3	Bottom	59.9332	22.2858	-1.2449	0.8651	-2.971	-42.2392
N +4.07	M5	CC12-4	Bottom	59.9332	0.0138	-1.2449	0.8651	-3.5111	-42.2392
N +4.07	M5	CC12-5	Bottom	42.0904	22.2858	-1.1422	0.5821	-2.971	59.0289
N +4.07	M5	CC12-6	Bottom	42.0904	0.0138	-1.1422	0.5821	-3.5111	59.0289
N +4.07	M5	CC12-7	Bottom	42.0904	22.2858	-1.2449	0.5821	-2.971	-42.2392
N +4.07	M5	CC12-8	Bottom	42.0904	0.0138	-1.2449	0.5821	-3.5111	-42.2392
N +4.07	M5	CC12-1-1	Bottom	-81.3217	18.2972	0.5286	-0.1355	2.0733	105.9622
N +4.07	M5	CC12-1-2	Bottom	-81.3217	-3.9748	0.5286	-0.1355	1.5332	105.9622

N +4.07	M5	CC12-1-3	Bottom	-81.3217	18.2972	0.426	-0.1355	2.0733	4.6942
N +4.07	M5	CC12-1-4	Bottom	-81.3217	-3.9748	0.426	-0.1355	1.5332	4.6942
N +4.07	M5	CC12-1-5	Bottom	-99.1645	18.2972	0.5286	-0.4185	2.0733	105.9622
N +4.07	M5	CC12-1-6	Bottom	-99.1645	-3.9748	0.5286	-0.4185	1.5332	105.9622
N +4.07	M5	CC12-1-7	Bottom	-99.1645	18.2972	0.426	-0.4185	2.0733	4.6942
N +4.07	M5	CC12-1-8	Bottom	-99.1645	-3.9748	0.426	-0.4185	1.5332	4.6942
N +4.07	M5	CC12-2-1	Bottom	14.7868	5.8604	-0.7015	0.5443	-1.9596	-2.6434
N +4.07	M5	CC12-2-2	Bottom	14.7868	-16.4115	-0.7015	0.5443	-2.4997	-2.6434
N +4.07	M5	CC12-2-3	Bottom	14.7868	5.8604	-0.8042	0.5443	-1.9596	-103.9115
N +4.07	M5	CC12-2-4	Bottom	14.7868	-16.4115	-0.8042	0.5443	-2.4997	-103.9115
N +4.07	M5	CC12-2-5	Bottom	-3.056	5.8604	-0.7015	0.2613	-1.9596	-2.6434
N +4.07	M5	CC12-2-6	Bottom	-3.056	-16.4115	-0.7015	0.2613	-2.4997	-2.6434
N +4.07	M5	CC12-2-7	Bottom	-3.056	5.8604	-0.8042	0.2613	-1.9596	-103.9115
N +4.07	M5	CC12-2-8	Bottom	-3.056	-16.4115	-0.8042	0.2613	-2.4997	-103.9115
N +4.07	M5	CC12-3-1	Bottom	-126.4681	1.8718	0.9693	-0.4563	3.0847	44.29
N +4.07	M5	CC12-3-2	Bottom	-126.4681	-20.4001	0.9693	-0.4563	2.5446	44.29
N +4.07	M5	CC12-3-3	Bottom	-126.4681	1.8718	0.8667	-0.4563	3.0847	-56.9781
N +4.07	M5	CC12-3-4	Bottom	-126.4681	-20.4001	0.8667	-0.4563	2.5446	-56.9781
N +4.07	M5	CC12-3-5	Bottom	-144.3109	1.8718	0.9693	-0.7393	3.0847	44.29
N +4.07	M5	CC12-3-6	Bottom	-144.3109	-20.4001	0.9693	-0.7393	2.5446	44.29
N +4.07	M5	CC12-3-7	Bottom	-144.3109	1.8718	0.8667	-0.7393	3.0847	-56.9781
N +4.07	M5	CC12-3-8	Bottom	-144.3109	-20.4001	0.8667	-0.7393	2.5446	-56.9781
N +4.07	M5	CC13-1	Bottom	66.3962	57.8196	-1.001	0.9132	-1.7999	235.7842
N +4.07	M5	CC13-2	Bottom	66.3962	0.0138	-1.001	0.9132	-3.5111	235.7842
N +4.07	M5	CC13-3	Bottom	66.3962	57.8196	-1.2449	0.9132	-1.7999	-42.2392
N +4.07	M5	CC13-4	Bottom	66.3962	0.0138	-1.2449	0.9132	-3.5111	-42.2392
N +4.07	M5	CC13-5	Bottom	42.0904	57.8196	-1.001	0.5821	-1.7999	235.7842
N +4.07	M5	CC13-6	Bottom	42.0904	0.0138	-1.001	0.5821	-3.5111	235.7842
N +4.07	M5	CC13-7	Bottom	42.0904	57.8196	-1.2449	0.5821	-1.7999	-42.2392
N +4.07	M5	CC13-8	Bottom	42.0904	0.0138	-1.2449	0.5821	-3.5111	-42.2392
N +4.07	M5	CC13-1-1	Bottom	-84.0916	3.0684	0.4681	-0.1561	1.5714	30.2099
N +4.07	M5	CC13-1-2	Bottom	-84.0916	-54.7374	0.4681	-0.1561	-0.1397	30.2099
N +4.07	M5	CC13-1-3	Bottom	-84.0916	3.0684	0.2242	-0.1561	1.5714	-247.8134
N +4.07	M5	CC13-1-4	Bottom	-84.0916	-54.7374	0.2242	-0.1561	-0.1397	-247.8134
N +4.07	M5	CC13-1-5	Bottom	-108.3974	3.0684	0.4681	-0.4872	1.5714	30.2099
N +4.07	M5	CC13-1-6	Bottom	-108.3974	-54.7374	0.4681	-0.4872	-0.1397	30.2099
N +4.07	M5	CC13-1-7	Bottom	-108.3974	3.0684	0.2242	-0.4872	1.5714	-247.8134

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N +4.07	M5	CC13-1-8	Bottom	-108.3974	-54.7374	0.2242	-0.4872	-0.1397	-247.8134
N +4.07	M5	CC13-2-1	Bottom	24.0198	56.623	-0.4997	0.613	-0.2867	249.8642
N +4.07	M5	CC13-2-2	Bottom	24.0198	-1.1828	-0.4997	0.613	-1.9978	249.8642
N +4.07	M5	CC13-2-3	Bottom	24.0198	56.623	-0.7436	0.613	-0.2867	-28.1592
N +4.07	M5	CC13-2-4	Bottom	24.0198	-1.1828	-0.7436	0.613	-1.9978	-28.1592
N +4.07	M5	CC13-2-5	Bottom	-0.2861	56.623	-0.4997	0.2819	-0.2867	249.8642
N +4.07	M5	CC13-2-6	Bottom	-0.2861	-1.1828	-0.4997	0.2819	-1.9978	249.8642
N +4.07	M5	CC13-2-7	Bottom	-0.2861	56.623	-0.7436	0.2819	-0.2867	-28.1592
N +4.07	M5	CC13-2-8	Bottom	-0.2861	-1.1828	-0.7436	0.2819	-1.9978	-28.1592
N +4.07	M5	CC13-3-1	Bottom	-126.4681	1.8718	0.9693	-0.4563	3.0847	44.29
N +4.07	M5	CC13-3-2	Bottom	-126.4681	-55.9339	0.9693	-0.4563	1.3736	44.29
N +4.07	M5	CC13-3-3	Bottom	-126.4681	1.8718	0.7254	-0.4563	3.0847	-233.7334
N +4.07	M5	CC13-3-4	Bottom	-126.4681	-55.9339	0.7254	-0.4563	1.3736	-233.7334
N +4.07	M5	CC13-3-5	Bottom	-150.7739	1.8718	0.9693	-0.7874	3.0847	44.29
N +4.07	M5	CC13-3-6	Bottom	-150.7739	-55.9339	0.9693	-0.7874	1.3736	44.29
N +4.07	M5	CC13-3-7	Bottom	-150.7739	1.8718	0.7254	-0.7874	3.0847	-233.7334
N +4.07	M5	CC13-3-8	Bottom	-150.7739	-55.9339	0.7254	-0.7874	1.3736	-233.7334
N +4.07	M6	CC12-1	Bottom	-100.9216	5.1319	-1.0507	0.9216	-2.8269	43.0976
N +4.07	M6	CC12-2	Bottom	-100.9216	-17.0703	-1.0507	0.9216	-3.7896	43.0976
N +4.07	M6	CC12-3	Bottom	-100.9216	5.1319	-1.4363	0.9216	-2.8269	-49.0093
N +4.07	M6	CC12-4	Bottom	-100.9216	-17.0703	-1.4363	0.9216	-3.7896	-49.0093
N +4.07	M6	CC12-5	Bottom	-168.104	5.1319	-1.0507	0.5432	-2.8269	43.0976
N +4.07	M6	CC12-6	Bottom	-168.104	-17.0703	-1.0507	0.5432	-3.7896	43.0976
N +4.07	M6	CC12-7	Bottom	-168.104	5.1319	-1.4363	0.5432	-2.8269	-49.0093
N +4.07	M6	CC12-8	Bottom	-168.104	-17.0703	-1.4363	0.5432	-3.7896	-49.0093
N +4.07	M6	CC12-1-1	Bottom	85.0663	30.7211	1.1776	-0.2635	2.9736	112.5703
N +4.07	M6	CC12-1-2	Bottom	85.0663	8.5189	1.1776	-0.2635	2.0109	112.5703
N +4.07	M6	CC12-1-3	Bottom	85.0663	30.7211	0.792	-0.2635	2.9736	20.4633
N +4.07	M6	CC12-1-4	Bottom	85.0663	8.5189	0.792	-0.2635	2.0109	20.4633
N +4.07	M6	CC12-1-5	Bottom	17.8839	30.7211	1.1776	-0.6419	2.9736	112.5703
N +4.07	M6	CC12-1-6	Bottom	17.8839	8.5189	1.1776	-0.6419	2.0109	112.5703
N +4.07	M6	CC12-1-7	Bottom	17.8839	30.7211	0.792	-0.6419	2.9736	20.4633
N +4.07	M6	CC12-1-8	Bottom	17.8839	8.5189	0.792	-0.6419	2.0109	20.4633
N +4.07	M6	CC12-2-1	Bottom	-108.3605	-8.2353	-0.6797	0.639	-1.911	-20.0516
N +4.07	M6	CC12-2-2	Bottom	-108.3605	-30.4375	-0.6797	0.639	-2.8737	-20.0516
N +4.07	M6	CC12-2-3	Bottom	-108.3605	-8.2353	-1.0652	0.639	-1.911	-112.1585
N +4.07	M6	CC12-2-4	Bottom	-108.3605	-30.4375	-1.0652	0.639	-2.8737	-112.1585

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N +4.07	M6	CC12-2-5	Bottom	-175.5429	-8.2353	-0.6797	0.2606	-1.911	-20.0516
N +4.07	M6	CC12-2-6	Bottom	-175.5429	-30.4375	-0.6797	0.2606	-2.8737	-20.0516
N +4.07	M6	CC12-2-7	Bottom	-175.5429	-8.2353	-1.0652	0.2606	-1.911	-112.1585
N +4.07	M6	CC12-2-8	Bottom	-175.5429	-30.4375	-1.0652	0.2606	-2.8737	-112.1585
N +4.07	M6	CC12-3-1	Bottom	77.6273	17.3538	1.5487	-0.5461	3.8895	49.421
N +4.07	M6	CC12-3-2	Bottom	77.6273	-4.8484	1.5487	-0.5461	2.9268	49.421
N +4.07	M6	CC12-3-3	Bottom	77.6273	17.3538	1.1631	-0.5461	3.8895	-42.6859
N +4.07	M6	CC12-3-4	Bottom	77.6273	-4.8484	1.1631	-0.5461	2.9268	-42.6859
N +4.07	M6	CC12-3-5	Bottom	10.4449	17.3538	1.5487	-0.9245	3.8895	49.421
N +4.07	M6	CC12-3-6	Bottom	10.4449	-4.8484	1.5487	-0.9245	2.9268	49.421
N +4.07	M6	CC12-3-7	Bottom	10.4449	17.3538	1.1631	-0.9245	3.8895	-42.6859
N +4.07	M6	CC12-3-8	Bottom	10.4449	-4.8484	1.1631	-0.9245	2.9268	-42.6859
N +4.07	M6	CC13-1	Bottom	46.6274	54.2346	-0.3567	0.9216	-0.9037	239.0767
N +4.07	M6	CC13-2	Bottom	46.6274	-17.0703	-0.3567	0.9216	-3.7896	239.0767
N +4.07	M6	CC13-3	Bottom	46.6274	54.2346	-1.4363	0.9216	-0.9037	-49.0093
N +4.07	M6	CC13-4	Bottom	46.6274	-17.0703	-1.4363	0.9216	-3.7896	-49.0093
N +4.07	M6	CC13-5	Bottom	-168.104	54.2346	-0.3567	0.373	-0.9037	239.0767
N +4.07	M6	CC13-6	Bottom	-168.104	-17.0703	-0.3567	0.373	-3.7896	239.0767
N +4.07	M6	CC13-7	Bottom	-168.104	54.2346	-1.4363	0.373	-0.9037	-49.0093
N +4.07	M6	CC13-8	Bottom	-168.104	-17.0703	-1.4363	0.373	-3.7896	-49.0093
N +4.07	M6	CC13-1-1	Bottom	21.831	9.6771	0.8802	-0.0204	2.1494	28.5793
N +4.07	M6	CC13-1-2	Bottom	21.831	-61.6278	0.8802	-0.0204	-0.7366	28.5793
N +4.07	M6	CC13-1-3	Bottom	21.831	9.6771	-0.1994	-0.0204	2.1494	-259.5067
N +4.07	M6	CC13-1-4	Bottom	21.831	-61.6278	-0.1994	-0.0204	-0.7366	-259.5067
N +4.07	M6	CC13-1-5	Bottom	-192.9004	9.6771	0.8802	-0.569	2.1494	28.5793
N +4.07	M6	CC13-1-6	Bottom	-192.9004	-61.6278	0.8802	-0.569	-0.7366	28.5793
N +4.07	M6	CC13-1-7	Bottom	-192.9004	9.6771	-0.1994	-0.569	2.1494	-259.5067
N +4.07	M6	CC13-1-8	Bottom	-192.9004	-61.6278	-0.1994	-0.569	-0.7366	-259.5067
N +4.07	M6	CC13-2-1	Bottom	102.4238	61.9113	0.3118	0.5661	0.8365	259.9185
N +4.07	M6	CC13-2-2	Bottom	102.4238	-9.3935	0.3118	0.5661	-2.0495	259.9185
N +4.07	M6	CC13-2-3	Bottom	102.4238	61.9113	-0.7678	0.5661	0.8365	-28.1675
N +4.07	M6	CC13-2-4	Bottom	102.4238	-9.3935	-0.7678	0.5661	-2.0495	-28.1675
N +4.07	M6	CC13-2-5	Bottom	-112.3076	61.9113	0.3118	0.0174	0.8365	259.9185
N +4.07	M6	CC13-2-6	Bottom	-112.3076	-9.3935	0.3118	0.0174	-2.0495	259.9185
N +4.07	M6	CC13-2-7	Bottom	-112.3076	61.9113	-0.7678	0.0174	0.8365	-28.1675
N +4.07	M6	CC13-2-8	Bottom	-112.3076	-9.3935	-0.7678	0.0174	-2.0495	-28.1675
N +4.07	M6	CC13-3-1	Bottom	77.6273	17.3538	1.5487	-0.3759	3.8895	49.421

N +4.07	M6	CC13-3-2	Bottom	77.6273	-53.9511	1.5487	-0.3759	1.0036	49.421
N +4.07	M6	CC13-3-3	Bottom	77.6273	17.3538	0.4691	-0.3759	3.8895	-238.665
N +4.07	M6	CC13-3-4	Bottom	77.6273	-53.9511	0.4691	-0.3759	1.0036	-238.665
N +4.07	M6	CC13-3-5	Bottom	-137.1041	17.3538	1.5487	-0.9245	3.8895	49.421
N +4.07	M6	CC13-3-6	Bottom	-137.1041	-53.9511	1.5487	-0.9245	1.0036	49.421
N +4.07	M6	CC13-3-7	Bottom	-137.1041	17.3538	0.4691	-0.9245	3.8895	-238.665
N +4.07	M6	CC13-3-8	Bottom	-137.1041	-53.9511	0.4691	-0.9245	1.0036	-238.665
N +4.07	M7	CC12-1	Bottom	-60.7693	325.7729	0.8019	2.6365	3.325	1455.6515
N +4.07	M7	CC12-2	Bottom	-60.7693	191.6973	0.8019	2.6365	-3.0972	1455.6515
N +4.07	M7	CC12-3	Bottom	-60.7693	325.7729	-0.6151	2.6365	3.325	936.6989
N +4.07	M7	CC12-4	Bottom	-60.7693	191.6973	-0.6151	2.6365	-3.0972	936.6989
N +4.07	M7	CC12-5	Bottom	-325.6485	325.7729	0.8019	1.3476	3.325	1455.6515
N +4.07	M7	CC12-6	Bottom	-325.6485	191.6973	0.8019	1.3476	-3.0972	1455.6515
N +4.07	M7	CC12-7	Bottom	-325.6485	325.7729	-0.6151	1.3476	3.325	936.6989
N +4.07	M7	CC12-8	Bottom	-325.6485	191.6973	-0.6151	1.3476	-3.0972	936.6989
N +4.07	M7	CC12-1-1	Bottom	-122.7424	-149.7972	1.5901	-0.378	7.2921	-639.1627
N +4.07	M7	CC12-1-2	Bottom	-122.7424	-283.8728	1.5901	-0.378	0.87	-639.1627
N +4.07	M7	CC12-1-3	Bottom	-122.7424	-149.7972	0.1731	-0.378	7.2921	-1158.1153
N +4.07	M7	CC12-1-4	Bottom	-122.7424	-283.8728	0.1731	-0.378	0.87	-1158.1153
N +4.07	M7	CC12-1-5	Bottom	-387.6216	-149.7972	1.5901	-1.667	7.2921	-639.1627
N +4.07	M7	CC12-1-6	Bottom	-387.6216	-283.8728	1.5901	-1.667	0.87	-639.1627
N +4.07	M7	CC12-1-7	Bottom	-387.6216	-149.7972	0.1731	-1.667	7.2921	-1158.1153
N +4.07	M7	CC12-1-8	Bottom	-387.6216	-283.8728	0.1731	-1.667	0.87	-1158.1153
N +4.07	M7	CC12-2-1	Bottom	133.4833	273.529	-0.1315	1.8254	-0.8528	1210.0823
N +4.07	M7	CC12-2-2	Bottom	133.4833	139.4533	-0.1315	1.8254	-7.2749	1210.0823
N +4.07	M7	CC12-2-3	Bottom	133.4833	273.529	-1.5485	1.8254	-0.8528	691.1296
N +4.07	M7	CC12-2-4	Bottom	133.4833	139.4533	-1.5485	1.8254	-7.2749	691.1296
N +4.07	M7	CC12-2-5	Bottom	-131.3959	273.529	-0.1315	0.5364	-0.8528	1210.0823
N +4.07	M7	CC12-2-6	Bottom	-131.3959	139.4533	-0.1315	0.5364	-7.2749	1210.0823
N +4.07	M7	CC12-2-7	Bottom	-131.3959	273.529	-1.5485	0.5364	-0.8528	691.1296
N +4.07	M7	CC12-2-8	Bottom	-131.3959	139.4533	-1.5485	0.5364	-7.2749	691.1296
N +4.07	M7	CC12-3-1	Bottom	71.5102	-202.0412	0.6568	-1.1892	3.1144	-884.732
N +4.07	M7	CC12-3-2	Bottom	71.5102	-336.1168	0.6568	-1.1892	-3.3077	-884.732
N +4.07	M7	CC12-3-3	Bottom	71.5102	-202.0412	-0.7602	-1.1892	3.1144	-1403.6846
N +4.07	M7	CC12-3-4	Bottom	71.5102	-336.1168	-0.7602	-1.1892	-3.3077	-1403.6846
N +4.07	M7	CC12-3-5	Bottom	-193.3689	-202.0412	0.6568	-2.4781	3.1144	-884.732
N +4.07	M7	CC12-3-6	Bottom	-193.3689	-336.1168	0.6568	-2.4781	-3.3077	-884.732

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N +4.07	M7	CC12-3-7	Bottom	-193.3689	-202.0412	-0.7602	-2.4781	3.1144	-1403.6846
N +4.07	M7	CC12-3-8	Bottom	-193.3689	-336.1168	-0.7602	-2.4781	-3.3077	-1403.6846
N +4.07	M7	CC13-1	Bottom	-60.7693	325.7729	3.5314	2.6365	15.85	1455.6515
N +4.07	M7	CC13-2	Bottom	-60.7693	-19.2991	3.5314	2.6365	-3.0972	1455.6515
N +4.07	M7	CC13-3	Bottom	-60.7693	325.7729	-0.6151	2.6365	15.85	43.3239
N +4.07	M7	CC13-4	Bottom	-60.7693	-19.2991	-0.6151	2.6365	-3.0972	43.3239
N +4.07	M7	CC13-5	Bottom	-822.2857	325.7729	3.5314	1.13	15.85	1455.6515
N +4.07	M7	CC13-6	Bottom	-822.2857	-19.2991	3.5314	1.13	-3.0972	1455.6515
N +4.07	M7	CC13-7	Bottom	-822.2857	325.7729	-0.6151	1.13	15.85	43.3239
N +4.07	M7	CC13-8	Bottom	-822.2857	-19.2991	-0.6151	1.13	-3.0972	43.3239
N +4.07	M7	CC13-1-1	Bottom	586.7394	151.6263	0.4203	-0.0672	1.9242	637.0873
N +4.07	M7	CC13-1-2	Bottom	586.7394	-193.4458	0.4203	-0.0672	-17.0229	637.0873
N +4.07	M7	CC13-1-3	Bottom	586.7394	151.6263	-3.7263	-0.0672	1.9242	-775.2403
N +4.07	M7	CC13-1-4	Bottom	586.7394	-193.4458	-3.7263	-0.0672	-17.0229	-775.2403
N +4.07	M7	CC13-1-5	Bottom	-174.777	151.6263	0.4203	-1.5737	1.9242	637.0873
N +4.07	M7	CC13-1-6	Bottom	-174.777	-193.4458	0.4203	-1.5737	-17.0229	637.0873
N +4.07	M7	CC13-1-7	Bottom	-174.777	151.6263	-3.7263	-1.5737	1.9242	-775.2403
N +4.07	M7	CC13-1-8	Bottom	-174.777	-193.4458	-3.7263	-1.5737	-17.0229	-775.2403
N +4.07	M7	CC13-2-1	Bottom	-79.3612	183.1019	3.7679	1.7321	17.0401	827.2072
N +4.07	M7	CC13-2-2	Bottom	-79.3612	-161.9702	3.7679	1.7321	-1.907	827.2072
N +4.07	M7	CC13-2-3	Bottom	-79.3612	183.1019	-0.3787	1.7321	17.0401	-585.1204
N +4.07	M7	CC13-2-4	Bottom	-79.3612	-161.9702	-0.3787	1.7321	-1.907	-585.1204
N +4.07	M7	CC13-2-5	Bottom	-840.8777	183.1019	3.7679	0.2256	17.0401	827.2072
N +4.07	M7	CC13-2-6	Bottom	-840.8777	-161.9702	3.7679	0.2256	-1.907	827.2072
N +4.07	M7	CC13-2-7	Bottom	-840.8777	183.1019	-0.3787	0.2256	17.0401	-585.1204
N +4.07	M7	CC13-2-8	Bottom	-840.8777	-161.9702	-0.3787	0.2256	-1.907	-585.1204
N +4.07	M7	CC13-3-1	Bottom	568.1475	8.9553	0.6568	-0.9716	3.1144	8.6431
N +4.07	M7	CC13-3-2	Bottom	568.1475	-336.1168	0.6568	-0.9716	-15.8328	8.6431
N +4.07	M7	CC13-3-3	Bottom	568.1475	8.9553	-3.4898	-0.9716	3.1144	-1403.6846
N +4.07	M7	CC13-3-4	Bottom	568.1475	-336.1168	-3.4898	-0.9716	-15.8328	-1403.6846
N +4.07	M7	CC13-3-5	Bottom	-193.3689	8.9553	0.6568	-2.4781	3.1144	8.6431
N +4.07	M7	CC13-3-6	Bottom	-193.3689	-336.1168	0.6568	-2.4781	-15.8328	8.6431
N +4.07	M7	CC13-3-7	Bottom	-193.3689	8.9553	-3.4898	-2.4781	3.1144	-1403.6846
N +4.07	M7	CC13-3-8	Bottom	-193.3689	-336.1168	-3.4898	-2.4781	-15.8328	-1403.6846
N +4.07	M8	CC12-1	Bottom	142.6942	36.744	-0.7802	1.001	-2.9436	85.1678
N +4.07	M8	CC12-2	Bottom	142.6942	-33.5555	-0.7802	1.001	-4.1005	85.1678
N +4.07	M8	CC12-3	Bottom	142.6942	36.744	-1.1318	1.001	-2.9436	-243.4603

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N +4.07	M8	CC12-4	Bottom	142.6942	-33.5555	-1.1318	1.001	-4.1005	-243.4603
N +4.07	M8	CC12-5	Bottom	-51.7598	36.744	-0.7802	0.528	-2.9436	85.1678
N +4.07	M8	CC12-6	Bottom	-51.7598	-33.5555	-0.7802	0.528	-4.1005	85.1678
N +4.07	M8	CC12-7	Bottom	-51.7598	36.744	-1.1318	0.528	-2.9436	-243.4603
N +4.07	M8	CC12-8	Bottom	-51.7598	-33.5555	-1.1318	0.528	-4.1005	-243.4603
N +4.07	M8	CC12-1-1	Bottom	75.9212	67.5922	0.9325	-0.112	3.2274	378.1293
N +4.07	M8	CC12-1-2	Bottom	75.9212	-2.7073	0.9325	-0.112	2.0704	378.1293
N +4.07	M8	CC12-1-3	Bottom	75.9212	67.5922	0.5809	-0.112	3.2274	49.5011
N +4.07	M8	CC12-1-4	Bottom	75.9212	-2.7073	0.5809	-0.112	2.0704	49.5011
N +4.07	M8	CC12-1-5	Bottom	-118.5329	67.5922	0.9325	-0.585	3.2274	378.1293
N +4.07	M8	CC12-1-6	Bottom	-118.5329	-2.7073	0.9325	-0.585	2.0704	378.1293
N +4.07	M8	CC12-1-7	Bottom	-118.5329	67.5922	0.5809	-0.585	3.2274	49.5011
N +4.07	M8	CC12-1-8	Bottom	-118.5329	-2.7073	0.5809	-0.585	2.0704	49.5011
N +4.07	M8	CC12-2-1	Bottom	20.066	1.594	-0.5519	0.6754	-2.0972	-57.4794
N +4.07	M8	CC12-2-2	Bottom	20.066	-68.7055	-0.5519	0.6754	-3.2542	-57.4794
N +4.07	M8	CC12-2-3	Bottom	20.066	1.594	-0.9036	0.6754	-2.0972	-386.1076
N +4.07	M8	CC12-2-4	Bottom	20.066	-68.7055	-0.9036	0.6754	-3.2542	-386.1076
N +4.07	M8	CC12-2-5	Bottom	-174.3881	1.594	-0.5519	0.2024	-2.0972	-57.4794
N +4.07	M8	CC12-2-6	Bottom	-174.3881	-68.7055	-0.5519	0.2024	-3.2542	-57.4794
N +4.07	M8	CC12-2-7	Bottom	-174.3881	1.594	-0.9036	0.2024	-2.0972	-386.1076
N +4.07	M8	CC12-2-8	Bottom	-174.3881	-68.7055	-0.9036	0.2024	-3.2542	-386.1076
N +4.07	M8	CC12-3-1	Bottom	-46.7071	32.4421	1.1608	-0.4376	4.0738	235.4821
N +4.07	M8	CC12-3-2	Bottom	-46.7071	-37.8574	1.1608	-0.4376	2.9168	235.4821
N +4.07	M8	CC12-3-3	Bottom	-46.7071	32.4421	0.8092	-0.4376	4.0738	-93.1461
N +4.07	M8	CC12-3-4	Bottom	-46.7071	-37.8574	0.8092	-0.4376	2.9168	-93.1461
N +4.07	M8	CC12-3-5	Bottom	-241.1611	32.4421	1.1608	-0.9106	4.0738	235.4821
N +4.07	M8	CC12-3-6	Bottom	-241.1611	-37.8574	1.1608	-0.9106	2.9168	235.4821
N +4.07	M8	CC12-3-7	Bottom	-241.1611	32.4421	0.8092	-0.9106	4.0738	-93.1461
N +4.07	M8	CC12-3-8	Bottom	-241.1611	-37.8574	0.8092	-0.9106	2.9168	-93.1461
N +4.07	M8	CC13-1	Bottom	382.0858	140.3546	-0.1139	1.0201	-0.5988	623.0844
N +4.07	M8	CC13-2	Bottom	382.0858	-33.5555	-0.1139	1.0201	-4.1005	623.0844
N +4.07	M8	CC13-3	Bottom	382.0858	140.3546	-1.1318	1.0201	-0.5988	-243.4603
N +4.07	M8	CC13-4	Bottom	382.0858	-33.5555	-1.1318	1.0201	-4.1005	-243.4603
N +4.07	M8	CC13-5	Bottom	-51.7598	140.3546	-0.1139	0.4896	-0.5988	623.0844
N +4.07	M8	CC13-6	Bottom	-51.7598	-33.5555	-0.1139	0.4896	-4.1005	623.0844
N +4.07	M8	CC13-7	Bottom	-51.7598	140.3546	-1.1318	0.4896	-0.5988	-243.4603
N +4.07	M8	CC13-8	Bottom	-51.7598	-33.5555	-1.1318	0.4896	-4.1005	-243.4603

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N +4.07	M8	CC13-1-1	Bottom	-26.6752	23.1877	0.647	-0.0653	2.2225	147.5936
N +4.07	M8	CC13-1-2	Bottom	-26.6752	-150.7224	0.647	-0.0653	-1.2793	147.5936
N +4.07	M8	CC13-1-3	Bottom	-26.6752	23.1877	-0.3709	-0.0653	2.2225	-718.9511
N +4.07	M8	CC13-1-4	Bottom	-26.6752	-150.7224	-0.3709	-0.0653	-1.2793	-718.9511
N +4.07	M8	CC13-1-5	Bottom	-460.5208	23.1877	0.647	-0.5958	2.2225	147.5936
N +4.07	M8	CC13-1-6	Bottom	-460.5208	-150.7224	0.647	-0.5958	-1.2793	147.5936
N +4.07	M8	CC13-1-7	Bottom	-460.5208	23.1877	-0.3709	-0.5958	2.2225	-718.9511
N +4.07	M8	CC13-1-8	Bottom	-460.5208	-150.7224	-0.3709	-0.5958	-1.2793	-718.9511
N +4.07	M8	CC13-2-1	Bottom	362.0539	149.609	0.3999	0.6862	1.2525	710.9728
N +4.07	M8	CC13-2-2	Bottom	362.0539	-24.301	0.3999	0.6862	-2.2492	710.9728
N +4.07	M8	CC13-2-3	Bottom	362.0539	149.609	-0.618	0.6862	1.2525	-155.5719
N +4.07	M8	CC13-2-4	Bottom	362.0539	-24.301	-0.618	0.6862	-2.2492	-155.5719
N +4.07	M8	CC13-2-5	Bottom	-71.7917	149.609	0.3999	0.1557	1.2525	710.9728
N +4.07	M8	CC13-2-6	Bottom	-71.7917	-24.301	0.3999	0.1557	-2.2492	710.9728
N +4.07	M8	CC13-2-7	Bottom	-71.7917	149.609	-0.618	0.1557	1.2525	-155.5719
N +4.07	M8	CC13-2-8	Bottom	-71.7917	-24.301	-0.618	0.1557	-2.2492	-155.5719
N +4.07	M8	CC13-3-1	Bottom	-46.7071	32.4421	1.1608	-0.3992	4.0738	235.4821
N +4.07	M8	CC13-3-2	Bottom	-46.7071	-141.4679	1.1608	-0.3992	0.572	235.4821
N +4.07	M8	CC13-3-3	Bottom	-46.7071	32.4421	0.1429	-0.3992	4.0738	-631.0627
N +4.07	M8	CC13-3-4	Bottom	-46.7071	-141.4679	0.1429	-0.3992	0.572	-631.0627
N +4.07	M8	CC13-3-5	Bottom	-480.5527	32.4421	1.1608	-0.9297	4.0738	235.4821
N +4.07	M8	CC13-3-6	Bottom	-480.5527	-141.4679	1.1608	-0.9297	0.572	235.4821
N +4.07	M8	CC13-3-7	Bottom	-480.5527	32.4421	0.1429	-0.9297	4.0738	-631.0627
N +4.07	M8	CC13-3-8	Bottom	-480.5527	-141.4679	0.1429	-0.9297	0.572	-631.0627
N +4.07	M9	CC12-1	Bottom	-128.5232	29.4392	-0.9219	0.9227	-2.6784	126.3495
N +4.07	M9	CC12-2	Bottom	-128.5232	-16.4213	-0.9219	0.9227	-3.689	126.3495
N +4.07	M9	CC12-3	Bottom	-128.5232	29.4392	-1.2511	0.9227	-2.6784	-26.4174
N +4.07	M9	CC12-4	Bottom	-128.5232	-16.4213	-1.2511	0.9227	-3.689	-26.4174
N +4.07	M9	CC12-5	Bottom	-316.059	29.4392	-0.9219	0.5401	-2.6784	126.3495
N +4.07	M9	CC12-6	Bottom	-316.059	-16.4213	-0.9219	0.5401	-3.689	126.3495
N +4.07	M9	CC12-7	Bottom	-316.059	29.4392	-1.2511	0.5401	-2.6784	-26.4174
N +4.07	M9	CC12-8	Bottom	-316.059	-16.4213	-1.2511	0.5401	-3.689	-26.4174
N +4.07	M9	CC12-1-1	Bottom	236.2352	54.1323	0.9417	-0.1823	2.8177	166.4794
N +4.07	M9	CC12-1-2	Bottom	236.2352	8.2718	0.9417	-0.1823	1.8071	166.4794
N +4.07	M9	CC12-1-3	Bottom	236.2352	54.1323	0.6124	-0.1823	2.8177	13.7125
N +4.07	M9	CC12-1-4	Bottom	236.2352	8.2718	0.6124	-0.1823	1.8071	13.7125
N +4.07	M9	CC12-1-5	Bottom	48.6993	54.1323	0.9417	-0.5649	2.8177	166.4794

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N +4.07	M9	CC12-1-6	Bottom	48.6993	8.2718	0.9417	-0.5649	1.8071	166.4794
N +4.07	M9	CC12-1-7	Bottom	48.6993	54.1323	0.6124	-0.5649	2.8177	13.7125
N +4.07	M9	CC12-1-8	Bottom	48.6993	8.2718	0.6124	-0.5649	1.8071	13.7125
N +4.07	M9	CC12-2-1	Bottom	-173.1015	-4.4299	-0.6414	0.626	-1.8953	-6.2469
N +4.07	M9	CC12-2-2	Bottom	-173.1015	-50.2904	-0.6414	0.626	-2.9058	-6.2469
N +4.07	M9	CC12-2-3	Bottom	-173.1015	-4.4299	-0.9706	0.626	-1.8953	-159.0138
N +4.07	M9	CC12-2-4	Bottom	-173.1015	-50.2904	-0.9706	0.626	-2.9058	-159.0138
N +4.07	M9	CC12-2-5	Bottom	-360.6374	-4.4299	-0.6414	0.2434	-1.8953	-6.2469
N +4.07	M9	CC12-2-6	Bottom	-360.6374	-50.2904	-0.6414	0.2434	-2.9058	-6.2469
N +4.07	M9	CC12-2-7	Bottom	-360.6374	-4.4299	-0.9706	0.2434	-1.8953	-159.0138
N +4.07	M9	CC12-2-8	Bottom	-360.6374	-50.2904	-0.9706	0.2434	-2.9058	-159.0138
N +4.07	M9	CC12-3-1	Bottom	191.6569	20.2632	1.2222	-0.4789	3.6009	33.883
N +4.07	M9	CC12-3-2	Bottom	191.6569	-25.5973	1.2222	-0.4789	2.5903	33.883
N +4.07	M9	CC12-3-3	Bottom	191.6569	20.2632	0.8929	-0.4789	3.6009	-118.8839
N +4.07	M9	CC12-3-4	Bottom	191.6569	-25.5973	0.8929	-0.4789	2.5903	-118.8839
N +4.07	M9	CC12-3-5	Bottom	4.121	20.2632	1.2222	-0.8616	3.6009	33.883
N +4.07	M9	CC12-3-6	Bottom	4.121	-25.5973	1.2222	-0.8616	2.5903	33.883
N +4.07	M9	CC12-3-7	Bottom	4.121	20.2632	0.8929	-0.8616	3.6009	-118.8839
N +4.07	M9	CC12-3-8	Bottom	4.121	-25.5973	0.8929	-0.8616	2.5903	-118.8839
N +4.07	M9	CC13-1	Bottom	230.8237	125.7524	-0.2719	0.9227	-0.6585	463.832
N +4.07	M9	CC13-2	Bottom	230.8237	-16.4213	-0.2719	0.9227	-3.689	463.832
N +4.07	M9	CC13-3	Bottom	230.8237	125.7524	-1.2511	0.9227	-0.6585	-26.4174
N +4.07	M9	CC13-4	Bottom	230.8237	-16.4213	-1.2511	0.9227	-3.689	-26.4174
N +4.07	M9	CC13-5	Bottom	-316.059	125.7524	-0.2719	0.4588	-0.6585	463.832
N +4.07	M9	CC13-6	Bottom	-316.059	-16.4213	-0.2719	0.4588	-3.689	463.832
N +4.07	M9	CC13-7	Bottom	-316.059	125.7524	-1.2511	0.4588	-0.6585	-26.4174
N +4.07	M9	CC13-8	Bottom	-316.059	-16.4213	-1.2511	0.4588	-3.689	-26.4174
N +4.07	M9	CC13-1-1	Bottom	82.2294	12.8553	0.6631	-0.0662	1.952	21.844
N +4.07	M9	CC13-1-2	Bottom	82.2294	-129.3184	0.6631	-0.0662	-1.0785	21.844
N +4.07	M9	CC13-1-3	Bottom	82.2294	12.8553	-0.3161	-0.0662	1.952	-468.4054
N +4.07	M9	CC13-1-4	Bottom	82.2294	-129.3184	-0.3161	-0.0662	-1.0785	-468.4054
N +4.07	M9	CC13-1-5	Bottom	-464.6534	12.8553	0.6631	-0.5301	1.952	21.844
N +4.07	M9	CC13-1-6	Bottom	-464.6534	-129.3184	0.6631	-0.5301	-1.0785	21.844
N +4.07	M9	CC13-1-7	Bottom	-464.6534	12.8553	-0.3161	-0.5301	1.952	-468.4054
N +4.07	M9	CC13-1-8	Bottom	-464.6534	-129.3184	-0.3161	-0.5301	-1.0785	-468.4054
N +4.07	M9	CC13-2-1	Bottom	340.2513	133.1603	0.2871	0.5912	0.9904	475.871
N +4.07	M9	CC13-2-2	Bottom	340.2513	-9.0134	0.2871	0.5912	-2.0402	475.871

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N +4.07	M9	CC13-2-3	Bottom	340.2513	133.1603	-0.692	0.5912	0.9904	-14.3784
N +4.07	M9	CC13-2-4	Bottom	340.2513	-9.0134	-0.692	0.5912	-2.0402	-14.3784
N +4.07	M9	CC13-2-5	Bottom	-206.6315	133.1603	0.2871	0.1273	0.9904	475.871
N +4.07	M9	CC13-2-6	Bottom	-206.6315	-9.0134	0.2871	0.1273	-2.0402	475.871
N +4.07	M9	CC13-2-7	Bottom	-206.6315	133.1603	-0.692	0.1273	0.9904	-14.3784
N +4.07	M9	CC13-2-8	Bottom	-206.6315	-9.0134	-0.692	0.1273	-2.0402	-14.3784
N +4.07	M9	CC13-3-1	Bottom	191.6569	20.2632	1.2222	-0.3977	3.6009	33.883
N +4.07	M9	CC13-3-2	Bottom	191.6569	-121.9105	1.2222	-0.3977	0.5704	33.883
N +4.07	M9	CC13-3-3	Bottom	191.6569	20.2632	0.243	-0.3977	3.6009	-456.3664
N +4.07	M9	CC13-3-4	Bottom	191.6569	-121.9105	0.243	-0.3977	0.5704	-456.3664
N +4.07	M9	CC13-3-5	Bottom	-355.2259	20.2632	1.2222	-0.8616	3.6009	33.883
N +4.07	M9	CC13-3-6	Bottom	-355.2259	-121.9105	1.2222	-0.8616	0.5704	33.883
N +4.07	M9	CC13-3-7	Bottom	-355.2259	20.2632	0.243	-0.8616	3.6009	-456.3664
N +4.07	M9	CC13-3-8	Bottom	-355.2259	-121.9105	0.243	-0.8616	0.5704	-456.3664
N +4.07	M10	CC12-1	Bottom	-232.7238	125.325	-2.0254	1.1452	-5.4112	549.4126
N +4.07	M10	CC12-2	Bottom	-232.7238	47.8831	-2.0254	1.1452	-7.4162	549.4126
N +4.07	M10	CC12-3	Bottom	-232.7238	125.325	-2.4872	1.1452	-5.4112	255.8824
N +4.07	M10	CC12-4	Bottom	-232.7238	47.8831	-2.4872	1.1452	-7.4162	255.8824
N +4.07	M10	CC12-5	Bottom	-364.9077	125.325	-2.0254	0.8139	-5.4112	549.4126
N +4.07	M10	CC12-6	Bottom	-364.9077	47.8831	-2.0254	0.8139	-7.4162	549.4126
N +4.07	M10	CC12-7	Bottom	-364.9077	125.325	-2.4872	0.8139	-5.4112	255.8824
N +4.07	M10	CC12-8	Bottom	-364.9077	47.8831	-2.4872	0.8139	-7.4162	255.8824
N +4.07	M10	CC12-1-1	Bottom	49.4634	13.2092	-0.0814	0.1047	2.6772	36.2911
N +4.07	M10	CC12-1-2	Bottom	49.4634	-64.2326	-0.0814	0.1047	0.6722	36.2911
N +4.07	M10	CC12-1-3	Bottom	49.4634	13.2092	-0.5431	0.1047	2.6772	-257.239
N +4.07	M10	CC12-1-4	Bottom	49.4634	-64.2326	-0.5431	0.1047	0.6722	-257.239
N +4.07	M10	CC12-1-5	Bottom	-82.7204	13.2092	-0.0814	-0.2267	2.6772	36.2911
N +4.07	M10	CC12-1-6	Bottom	-82.7204	-64.2326	-0.0814	-0.2267	0.6722	36.2911
N +4.07	M10	CC12-1-7	Bottom	-82.7204	13.2092	-0.5431	-0.2267	2.6772	-257.239
N +4.07	M10	CC12-1-8	Bottom	-82.7204	-64.2326	-0.5431	-0.2267	0.6722	-257.239
N +4.07	M10	CC12-2-1	Bottom	-87.7586	56.7102	-1.6138	0.8961	-3.762	261.462
N +4.07	M10	CC12-2-2	Bottom	-87.7586	-20.7317	-1.6138	0.8961	-5.767	261.462
N +4.07	M10	CC12-2-3	Bottom	-87.7586	56.7102	-2.0756	0.8961	-3.762	-32.0682
N +4.07	M10	CC12-2-4	Bottom	-87.7586	-20.7317	-2.0756	0.8961	-5.767	-32.0682
N +4.07	M10	CC12-2-5	Bottom	-219.9425	56.7102	-1.6138	0.5648	-3.762	261.462
N +4.07	M10	CC12-2-6	Bottom	-219.9425	-20.7317	-1.6138	0.5648	-5.767	261.462
N +4.07	M10	CC12-2-7	Bottom	-219.9425	56.7102	-2.0756	0.5648	-3.762	-32.0682

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N +4.07	M10	CC12-2-8	Bottom	-219.9425	-20.7317	-2.0756	0.5648	-5.767	-32.0682
N +4.07	M10	CC12-3-1	Bottom	194.4286	-55.4055	0.3302	-0.1445	4.3264	-251.6594
N +4.07	M10	CC12-3-2	Bottom	194.4286	-132.8474	0.3302	-0.1445	2.3215	-251.6594
N +4.07	M10	CC12-3-3	Bottom	194.4286	-55.4055	-0.1315	-0.1445	4.3264	-545.1896
N +4.07	M10	CC12-3-4	Bottom	194.4286	-132.8474	-0.1315	-0.1445	2.3215	-545.1896
N +4.07	M10	CC12-3-5	Bottom	62.2447	-55.4055	0.3302	-0.4758	4.3264	-251.6594
N +4.07	M10	CC12-3-6	Bottom	62.2447	-132.8474	0.3302	-0.4758	2.3215	-251.6594
N +4.07	M10	CC12-3-7	Bottom	62.2447	-55.4055	-0.1315	-0.4758	4.3264	-545.1896
N +4.07	M10	CC12-3-8	Bottom	62.2447	-132.8474	-0.1315	-0.4758	2.3215	-545.1896
N +4.07	M10	CC13-1	Bottom	-232.7238	206.9451	-1.625	1.1452	-3.5976	862.1122
N +4.07	M10	CC13-2	Bottom	-232.7238	47.8831	-1.625	1.1452	-7.4162	862.1122
N +4.07	M10	CC13-3	Bottom	-232.7238	206.9451	-2.4872	1.1452	-3.5976	255.8824
N +4.07	M10	CC13-4	Bottom	-232.7238	47.8831	-2.4872	1.1452	-7.4162	255.8824
N +4.07	M10	CC13-5	Bottom	-505.6286	206.9451	-1.625	0.6669	-3.5976	862.1122
N +4.07	M10	CC13-6	Bottom	-505.6286	47.8831	-1.625	0.6669	-7.4162	862.1122
N +4.07	M10	CC13-7	Bottom	-505.6286	206.9451	-2.4872	0.6669	-3.5976	255.8824
N +4.07	M10	CC13-8	Bottom	-505.6286	47.8831	-2.4872	0.6669	-7.4162	255.8824
N +4.07	M10	CC13-1-1	Bottom	250.4933	-21.7708	-0.253	0.3147	1.8999	-97.723
N +4.07	M10	CC13-1-2	Bottom	250.4933	-180.8328	-0.253	0.3147	-1.9187	-97.723
N +4.07	M10	CC13-1-3	Bottom	250.4933	-21.7708	-1.1152	0.3147	1.8999	-703.9528
N +4.07	M10	CC13-1-4	Bottom	250.4933	-180.8328	-1.1152	0.3147	-1.9187	-703.9528
N +4.07	M10	CC13-1-5	Bottom	-22.4115	-21.7708	-0.253	-0.1636	1.8999	-97.723
N +4.07	M10	CC13-1-6	Bottom	-22.4115	-180.8328	-0.253	-0.1636	-1.9187	-97.723
N +4.07	M10	CC13-1-7	Bottom	-22.4115	-21.7708	-1.1152	-0.1636	1.8999	-703.9528
N +4.07	M10	CC13-1-8	Bottom	-22.4115	-180.8328	-1.1152	-0.1636	-1.9187	-703.9528
N +4.07	M10	CC13-2-1	Bottom	-148.0676	173.3104	-1.0418	0.8331	-1.1711	708.1758
N +4.07	M10	CC13-2-2	Bottom	-148.0676	14.2484	-1.0418	0.8331	-4.9897	708.1758
N +4.07	M10	CC13-2-3	Bottom	-148.0676	173.3104	-1.9039	0.8331	-1.1711	101.946
N +4.07	M10	CC13-2-4	Bottom	-148.0676	14.2484	-1.9039	0.8331	-4.9897	101.946
N +4.07	M10	CC13-2-5	Bottom	-420.9724	173.3104	-1.0418	0.3547	-1.1711	708.1758
N +4.07	M10	CC13-2-6	Bottom	-420.9724	14.2484	-1.0418	0.3547	-4.9897	708.1758
N +4.07	M10	CC13-2-7	Bottom	-420.9724	173.3104	-1.9039	0.3547	-1.1711	101.946
N +4.07	M10	CC13-2-8	Bottom	-420.9724	14.2484	-1.9039	0.3547	-4.9897	101.946
N +4.07	M10	CC13-3-1	Bottom	335.1495	-55.4055	0.3302	0.0026	4.3264	-251.6594
N +4.07	M10	CC13-3-2	Bottom	335.1495	-214.4675	0.3302	0.0026	0.5078	-251.6594
N +4.07	M10	CC13-3-3	Bottom	335.1495	-55.4055	-0.5319	0.0026	4.3264	-857.8892
N +4.07	M10	CC13-3-4	Bottom	335.1495	-214.4675	-0.5319	0.0026	0.5078	-857.8892

N +4.07	M10	CC13-3-5	Bottom	62.2447	-55.4055	0.3302	-0.4758	4.3264	-251.6594
N +4.07	M10	CC13-3-6	Bottom	62.2447	-214.4675	0.3302	-0.4758	0.5078	-251.6594
N +4.07	M10	CC13-3-7	Bottom	62.2447	-55.4055	-0.5319	-0.4758	4.3264	-857.8892
N +4.07	M10	CC13-3-8	Bottom	62.2447	-214.4675	-0.5319	-0.4758	0.5078	-857.8892

Solicitaciones a Flexocompresión

TABLE: Design Forces - Piers

Story	Pier	Combo	Location	P	V2	V3	T	M2	M3
				tonf	tonf	tonf	tonf-m	tonf-m	tonf-m
N+12.10	M3	C1-1	Top	-56.8241	40.9268	13.7008	-27.4622	-15.4211	13.3249
N+12.10	M3	C2-1	Top	-65.3001	47.6028	16.1692	-31.3041	-17.9969	16.8977
N+12.10	M3	C3-1	Top	-65.3075	46.8603	16.1082	-31.5701	-17.9726	16.9702
N+12.10	M3	C4-1	Top	-57.4164	40.6073	13.9784	-27.982	-15.6896	14.3938
N+12.10	M3	C5-1	Top	-55.4808	39.3791	13.4818	-26.9947	-15.1403	13.7333
N+12.10	M3	C6-1	Top	-61.9203	44.7108	15.239	-29.8423	-17.0115	15.8142
N+12.10	M3	C7-1	Top	-58.0492	42.2543	14.2458	-27.8677	-15.9131	14.4931
N+12.10	M3	C8-1	Top	-55.1683	134.6052	22.5404	-4.9884	-17.175	-19.8641
N+12.10	M3	C8-2	Top	-55.1683	108.274	22.5404	-4.9884	-23.8922	-19.8641
N+12.10	M3	C8-3	Top	-55.1683	134.6052	15.4182	-4.9884	-17.175	-26.7464
N+12.10	M3	C8-4	Top	-55.1683	108.274	15.4182	-4.9884	-23.8922	-26.7464
N+12.10	M3	C8-5	Top	-59.7072	134.6052	22.5404	-12.9641	-17.175	-19.8641
N+12.10	M3	C8-6	Top	-59.7072	108.274	22.5404	-12.9641	-23.8922	-19.8641
N+12.10	M3	C8-7	Top	-59.7072	134.6052	15.4182	-12.9641	-17.175	-26.7464
N+12.10	M3	C8-8	Top	-59.7072	108.274	15.4182	-12.9641	-23.8922	-26.7464
N+12.10	M3	C8-1-1	Top	-52.0023	1.2349	20.3082	-31.2836	-14.7938	38.4453
N+12.10	M3	C8-1-2	Top	-52.0023	-25.0962	20.3082	-31.2836	-21.511	38.4453
N+12.10	M3	C8-1-3	Top	-52.0023	1.2349	13.186	-31.2836	-14.7938	31.563
N+12.10	M3	C8-1-4	Top	-52.0023	-25.0962	13.186	-31.2836	-21.511	31.563
N+12.10	M3	C8-1-5	Top	-56.5412	1.2349	20.3082	-39.2593	-14.7938	38.4453
N+12.10	M3	C8-1-6	Top	-56.5412	-25.0962	20.3082	-39.2593	-21.511	38.4453
N+12.10	M3	C8-1-7	Top	-56.5412	1.2349	13.186	-39.2593	-14.7938	31.563
N+12.10	M3	C8-1-8	Top	-56.5412	-25.0962	13.186	-39.2593	-21.511	31.563
N+12.10	M3	C8-2-1	Top	-58.5894	108.9906	15.0572	-15.9823	-10.0405	-2.907
N+12.10	M3	C8-2-2	Top	-58.5894	82.6595	15.0572	-15.9823	-16.7577	-2.907
N+12.10	M3	C8-2-3	Top	-58.5894	108.9906	7.935	-15.9823	-10.0405	-9.7893
N+12.10	M3	C8-2-4	Top	-58.5894	82.6595	7.935	-15.9823	-16.7577	-9.7893
N+12.10	M3	C8-2-5	Top	-63.1283	108.9906	15.0572	-23.9581	-10.0405	-2.907
N+12.10	M3	C8-2-6	Top	-63.1283	82.6595	15.0572	-23.9581	-16.7577	-2.907

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N+12.10	M3	C8-2-7	Top	-63.1283	108.9906	7.935	-23.9581	-10.0405	-9.7893
N+12.10	M3	C8-2-8	Top	-63.1283	82.6595	7.935	-23.9581	-16.7577	-9.7893
N+12.10	M3	C8-3-1	Top	-55.4234	-24.3796	12.825	-42.2775	-7.6593	55.4023
N+12.10	M3	C8-3-2	Top	-55.4234	-50.7108	12.825	-42.2775	-14.3765	55.4023
N+12.10	M3	C8-3-3	Top	-55.4234	-24.3796	5.7028	-42.2775	-7.6593	48.52
N+12.10	M3	C8-3-4	Top	-55.4234	-50.7108	5.7028	-42.2775	-14.3765	48.52
N+12.10	M3	C8-3-5	Top	-59.9623	-24.3796	12.825	-50.2533	-7.6593	55.4023
N+12.10	M3	C8-3-6	Top	-59.9623	-50.7108	12.825	-50.2533	-14.3765	55.4023
N+12.10	M3	C8-3-7	Top	-59.9623	-24.3796	5.7028	-50.2533	-7.6593	48.52
N+12.10	M3	C8-3-8	Top	-59.9623	-50.7108	5.7028	-50.2533	-14.3765	48.52
N+12.10	M3	C9-1	Top	-44.9697	134.6052	38.4386	2.2576	-17.175	-18.614
N+12.10	M3	C9-2	Top	-44.9697	74.6821	38.4386	2.2576	-38.8725	-18.614
N+12.10	M3	C9-3	Top	-44.9697	134.6052	15.4182	2.2576	-17.175	-26.7464
N+12.10	M3	C9-4	Top	-44.9697	74.6821	15.4182	2.2576	-38.8725	-26.7464
N+12.10	M3	C9-5	Top	-59.7072	134.6052	38.4386	-12.9641	-17.175	-18.614
N+12.10	M3	C9-6	Top	-59.7072	74.6821	38.4386	-12.9641	-38.8725	-18.614
N+12.10	M3	C9-7	Top	-59.7072	134.6052	15.4182	-12.9641	-17.175	-26.7464
N+12.10	M3	C9-8	Top	-59.7072	74.6821	15.4182	-12.9641	-38.8725	-26.7464
N+12.10	M3	C9-1-1	Top	-56.3732	49.2233	13.4947	-34.389	6.6066	37.9095
N+12.10	M3	C9-1-2	Top	-56.3732	-10.6997	13.4947	-34.389	-15.0909	37.9095
N+12.10	M3	C9-1-3	Top	-56.3732	49.2233	-9.5258	-34.389	6.6066	29.7771
N+12.10	M3	C9-1-4	Top	-56.3732	-10.6997	-9.5258	-34.389	-15.0909	29.7771
N+12.10	M3	C9-1-5	Top	-71.1107	49.2233	13.4947	-49.6107	6.6066	37.9095
N+12.10	M3	C9-1-6	Top	-71.1107	-10.6997	13.4947	-49.6107	-15.0909	37.9095
N+12.10	M3	C9-1-7	Top	-71.1107	49.2233	-9.5258	-49.6107	6.6066	29.7771
N+12.10	M3	C9-1-8	Top	-71.1107	-10.6997	-9.5258	-49.6107	-15.0909	29.7771
N+12.10	M3	C9-2-1	Top	-44.0199	94.5941	37.769	-5.631	-16.4606	-1.1212
N+12.10	M3	C9-2-2	Top	-44.0199	34.671	37.769	-5.631	-38.1582	-1.1212
N+12.10	M3	C9-2-3	Top	-44.0199	94.5941	14.7485	-5.631	-16.4606	-9.2536
N+12.10	M3	C9-2-4	Top	-44.0199	34.671	14.7485	-5.631	-38.1582	-9.2536
N+12.10	M3	C9-2-5	Top	-58.7574	94.5941	37.769	-20.8527	-16.4606	-1.1212
N+12.10	M3	C9-2-6	Top	-58.7574	34.671	37.769	-20.8527	-38.1582	-1.1212
N+12.10	M3	C9-2-7	Top	-58.7574	94.5941	14.7485	-20.8527	-16.4606	-9.2536
N+12.10	M3	C9-2-8	Top	-58.7574	34.671	14.7485	-20.8527	-38.1582	-9.2536
N+12.10	M3	C9-3-1	Top	-55.4234	9.2123	12.825	-42.2775	7.321	55.4023
N+12.10	M3	C9-3-2	Top	-55.4234	-50.7108	12.825	-42.2775	-14.3765	55.4023
N+12.10	M3	C9-3-3	Top	-55.4234	9.2123	-10.1954	-42.2775	7.321	47.2699

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N+12.10	M3	C9-3-4	Top	-55.4234	-50.7108	-10.1954	-42.2775	-14.3765	47.2699
N+12.10	M3	C9-3-5	Top	-70.1609	9.2123	12.825	-57.4992	7.321	55.4023
N+12.10	M3	C9-3-6	Top	-70.1609	-50.7108	12.825	-57.4992	-14.3765	55.4023
N+12.10	M3	C9-3-7	Top	-70.1609	9.2123	-10.1954	-57.4992	7.321	47.2699
N+12.10	M3	C9-3-8	Top	-70.1609	-50.7108	-10.1954	-57.4992	-14.3765	47.2699
N+12.10	M3	C10-1	Top	-38.4654	27.5384	9.3043	-18.6416	-10.4628	9.2265
N+12.10	M3	C11-1	Top	-34.5943	25.0818	8.311	-16.6669	-9.3644	7.9054
N+12.10	M4	C1-1	Top	-2.2499	-0.684	0.0145	0.0459	-0.0183	1.0713
N+12.10	M4	C2-1	Top	-2.7185	-0.7002	0.0156	0.0545	-0.0197	1.1974
N+12.10	M4	C3-1	Top	-2.7014	-0.7732	0.0152	0.0538	-0.0196	1.2375
N+12.10	M4	C4-1	Top	-2.3187	-0.748	0.0135	0.0463	-0.0176	1.1207
N+12.10	M4	C5-1	Top	-2.232	-0.7121	0.0133	0.0447	-0.0172	1.0757
N+12.10	M4	C6-1	Top	-2.5496	-0.7103	0.0147	0.0511	-0.0188	1.1588
N+12.10	M4	C7-1	Top	-2.3762	-0.6384	0.0143	0.048	-0.0179	1.0688
N+12.10	M4	C8-1	Top	0.2247	1.3157	-0.0188	0.2462	0.0061	0.3852
N+12.10	M4	C8-2	Top	0.2247	0.2429	-0.0188	0.2462	-0.0025	0.3852
N+12.10	M4	C8-3	Top	0.2247	1.3157	-0.0315	0.2462	0.0061	-0.4357
N+12.10	M4	C8-4	Top	0.2247	0.2429	-0.0315	0.2462	-0.0025	-0.4357
N+12.10	M4	C8-5	Top	-0.6757	1.3157	-0.0188	0.1681	0.0061	0.3852
N+12.10	M4	C8-6	Top	-0.6757	0.2429	-0.0188	0.1681	-0.0025	0.3852
N+12.10	M4	C8-7	Top	-0.6757	1.3157	-0.0315	0.1681	0.0061	-0.4357
N+12.10	M4	C8-8	Top	-0.6757	0.2429	-0.0315	0.1681	-0.0025	-0.4357
N+12.10	M4	C8-1-1	Top	-3.4122	-1.2536	0.045	-0.0179	-0.0273	2.3601
N+12.10	M4	C8-1-2	Top	-3.4122	-2.3264	0.045	-0.0179	-0.0358	2.3601
N+12.10	M4	C8-1-3	Top	-3.4122	-1.2536	0.0323	-0.0179	-0.0273	1.5392
N+12.10	M4	C8-1-4	Top	-3.4122	-2.3264	0.0323	-0.0179	-0.0358	1.5392
N+12.10	M4	C8-1-5	Top	-4.3126	-1.2536	0.045	-0.096	-0.0273	2.3601
N+12.10	M4	C8-1-6	Top	-4.3126	-2.3264	0.045	-0.096	-0.0358	2.3601
N+12.10	M4	C8-1-7	Top	-4.3126	-1.2536	0.0323	-0.096	-0.0273	1.5392
N+12.10	M4	C8-1-8	Top	-4.3126	-2.3264	0.0323	-0.096	-0.0358	1.5392
N+12.10	M4	C8-2-1	Top	-0.3964	1.0675	-0.0039	0.1913	0.0002	0.576
N+12.10	M4	C8-2-2	Top	-0.3964	-0.0052	-0.0039	0.1913	-0.0083	0.576
N+12.10	M4	C8-2-3	Top	-0.3964	1.0675	-0.0166	0.1913	0.0002	-0.2449
N+12.10	M4	C8-2-4	Top	-0.3964	-0.0052	-0.0166	0.1913	-0.0083	-0.2449
N+12.10	M4	C8-2-5	Top	-1.2968	1.0675	-0.0039	0.1132	0.0002	0.576
N+12.10	M4	C8-2-6	Top	-1.2968	-0.0052	-0.0039	0.1132	-0.0083	0.576
N+12.10	M4	C8-2-7	Top	-1.2968	1.0675	-0.0166	0.1132	0.0002	-0.2449

N+12.10	M4	C8-2-8	Top	-1.2968	-0.0052	-0.0166	0.1132	-0.0083	-0.2449
N+12.10	M4	C8-3-1	Top	-4.0333	-1.5017	0.0599	-0.0728	-0.0332	2.5509
N+12.10	M4	C8-3-2	Top	-4.0333	-2.5745	0.0599	-0.0728	-0.0417	2.5509
N+12.10	M4	C8-3-3	Top	-4.0333	-1.5017	0.0472	-0.0728	-0.0332	1.73
N+12.10	M4	C8-3-4	Top	-4.0333	-2.5745	0.0472	-0.0728	-0.0417	1.73
N+12.10	M4	C8-3-5	Top	-4.9337	-1.5017	0.0599	-0.1509	-0.0332	2.5509
N+12.10	M4	C8-3-6	Top	-4.9337	-2.5745	0.0599	-0.1509	-0.0417	2.5509
N+12.10	M4	C8-3-7	Top	-4.9337	-1.5017	0.0472	-0.1509	-0.0332	1.73
N+12.10	M4	C8-3-8	Top	-4.9337	-2.5745	0.0472	-0.1509	-0.0417	1.73
N+12.10	M4	C9-1	Top	0.2247	1.3157	-0.0089	0.2462	0.0061	1.3224
N+12.10	M4	C9-2	Top	0.2247	-0.9766	-0.0089	0.2462	-0.0122	1.3224
N+12.10	M4	C9-3	Top	0.2247	1.3157	-0.0315	0.2462	0.0061	-0.4357
N+12.10	M4	C9-4	Top	0.2247	-0.9766	-0.0315	0.2462	-0.0122	-0.4357
N+12.10	M4	C9-5	Top	-1.7724	1.3157	-0.0089	0.1114	0.0061	1.3224
N+12.10	M4	C9-6	Top	-1.7724	-0.9766	-0.0089	0.1114	-0.0122	1.3224
N+12.10	M4	C9-7	Top	-1.7724	1.3157	-0.0315	0.1114	0.0061	-0.4357
N+12.10	M4	C9-8	Top	-1.7724	-0.9766	-0.0315	0.1114	-0.0122	-0.4357
N+12.10	M4	C9-1-1	Top	-1.8456	0.4886	0.0407	0.0631	-0.0135	1.9584
N+12.10	M4	C9-1-2	Top	-1.8456	-1.8037	0.0407	0.0631	-0.0317	1.9584
N+12.10	M4	C9-1-3	Top	-1.8456	0.4886	0.0182	0.0631	-0.0135	0.2003
N+12.10	M4	C9-1-4	Top	-1.8456	-1.8037	0.0182	0.0631	-0.0317	0.2003
N+12.10	M4	C9-1-5	Top	-3.8426	0.4886	0.0407	-0.0717	-0.0135	1.9584
N+12.10	M4	C9-1-6	Top	-3.8426	-1.8037	0.0407	-0.0717	-0.0317	1.9584
N+12.10	M4	C9-1-7	Top	-3.8426	0.4886	0.0182	-0.0717	-0.0135	0.2003
N+12.10	M4	C9-1-8	Top	-3.8426	-1.8037	0.0182	-0.0717	-0.0317	0.2003
N+12.10	M4	C9-2-1	Top	-0.8664	0.5449	0.0102	0.1669	-0.004	1.9149
N+12.10	M4	C9-2-2	Top	-0.8664	-1.7474	0.0102	0.1669	-0.0222	1.9149
N+12.10	M4	C9-2-3	Top	-0.8664	0.5449	-0.0124	0.1669	-0.004	0.1568
N+12.10	M4	C9-2-4	Top	-0.8664	-1.7474	-0.0124	0.1669	-0.0222	0.1568
N+12.10	M4	C9-2-5	Top	-2.8634	0.5449	0.0102	0.0321	-0.004	1.9149
N+12.10	M4	C9-2-6	Top	-2.8634	-1.7474	0.0102	0.0321	-0.0222	1.9149
N+12.10	M4	C9-2-7	Top	-2.8634	0.5449	-0.0124	0.0321	-0.004	0.1568
N+12.10	M4	C9-2-8	Top	-2.8634	-1.7474	-0.0124	0.0321	-0.0222	0.1568
N+12.10	M4	C9-3-1	Top	-2.9367	-0.2822	0.0599	-0.0161	-0.0235	2.5509
N+12.10	M4	C9-3-2	Top	-2.9367	-2.5745	0.0599	-0.0161	-0.0417	2.5509
N+12.10	M4	C9-3-3	Top	-2.9367	-0.2822	0.0373	-0.0161	-0.0235	0.7928
N+12.10	M4	C9-3-4	Top	-2.9367	-2.5745	0.0373	-0.0161	-0.0417	0.7928

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N+12.10	M4	C9-3-5	Top	-4.9337	-0.2822	0.0599	-0.1509	-0.0235	2.5509
N+12.10	M4	C9-3-6	Top	-4.9337	-2.5745	0.0599	-0.1509	-0.0417	2.5509
N+12.10	M4	C9-3-7	Top	-4.9337	-0.2822	0.0373	-0.1509	-0.0235	0.7928
N+12.10	M4	C9-3-8	Top	-4.9337	-2.5745	0.0373	-0.1509	-0.0417	0.7928
N+12.10	M4	C10-1	Top	-1.5331	-0.4757	0.0096	0.031	-0.0122	0.7337
N+12.10	M4	C11-1	Top	-1.3597	-0.4038	0.0091	0.028	-0.0113	0.6437
N+12.10	M5	C1-1	Top	-7.1853	0.1466	-0.6024	0.3846	0.2749	-2.043
N+12.10	M5	C2-1	Top	-8.2371	-0.0745	-0.5288	0.382	0.1866	-2.1301
N+12.10	M5	C3-1	Top	-8.2874	-0.0932	-0.5379	0.3839	0.1875	-2.1124
N+12.10	M5	C4-1	Top	-7.3187	-0.0054	-0.5356	0.3598	0.2112	-1.925
N+12.10	M5	C5-1	Top	-7.061	0.0237	-0.5314	0.3531	0.2166	-1.8864
N+12.10	M5	C6-1	Top	-7.8363	-0.0422	-0.5304	0.3722	0.197	-2.0448
N+12.10	M5	C7-1	Top	-7.3208	0.0161	-0.5219	0.3588	0.2079	-1.9675
N+12.10	M5	C8-1	Top	-5.8142	-1.2849	-0.7917	1.439	1.1921	0.7748
N+12.10	M5	C8-2	Top	-5.8142	-4.2273	-0.7917	1.439	0.4248	0.7748
N+12.10	M5	C8-3	Top	-5.8142	-1.2849	-1.657	1.439	1.1921	-1.6758
N+12.10	M5	C8-4	Top	-5.8142	-4.2273	-1.657	1.439	0.4248	-1.6758
N+12.10	M5	C8-5	Top	-7.0481	-1.2849	-0.7917	0.9983	1.1921	0.7748
N+12.10	M5	C8-6	Top	-7.0481	-4.2273	-0.7917	0.9983	0.4248	0.7748
N+12.10	M5	C8-7	Top	-7.0481	-1.2849	-1.657	0.9983	1.1921	-1.6758
N+12.10	M5	C8-8	Top	-7.0481	-4.2273	-1.657	0.9983	0.4248	-1.6758
N+12.10	M5	C8-1-1	Top	-7.8435	4.2966	-0.339	0.3094	0.8264	-2.6672
N+12.10	M5	C8-1-2	Top	-7.8435	1.3542	-0.339	0.3094	0.059	-2.6672
N+12.10	M5	C8-1-3	Top	-7.8435	4.2966	-1.2043	0.3094	0.8264	-5.1178
N+12.10	M5	C8-1-4	Top	-7.8435	1.3542	-1.2043	0.3094	0.059	-5.1178
N+12.10	M5	C8-1-5	Top	-9.0774	4.2966	-0.339	-0.1313	0.8264	-2.6672
N+12.10	M5	C8-1-6	Top	-9.0774	1.3542	-0.339	-0.1313	0.059	-2.6672
N+12.10	M5	C8-1-7	Top	-9.0774	4.2966	-1.2043	-0.1313	0.8264	-5.1178
N+12.10	M5	C8-1-8	Top	-9.0774	1.3542	-1.2043	-0.1313	0.059	-5.1178
N+12.10	M5	C8-2-1	Top	-5.4354	-1.3075	0.1627	0.8455	0.3595	1.2021
N+12.10	M5	C8-2-2	Top	-5.4354	-4.2499	0.1627	0.8455	-0.4078	1.2021
N+12.10	M5	C8-2-3	Top	-5.4354	-1.3075	-0.7026	0.8455	0.3595	-1.2484
N+12.10	M5	C8-2-4	Top	-5.4354	-4.2499	-0.7026	0.8455	-0.4078	-1.2484
N+12.10	M5	C8-2-5	Top	-6.6693	-1.3075	0.1627	0.4048	0.3595	1.2021
N+12.10	M5	C8-2-6	Top	-6.6693	-4.2499	0.1627	0.4048	-0.4078	1.2021
N+12.10	M5	C8-2-7	Top	-6.6693	-1.3075	-0.7026	0.4048	0.3595	-1.2484
N+12.10	M5	C8-2-8	Top	-6.6693	-4.2499	-0.7026	0.4048	-0.4078	-1.2484

N+12.10	M5	C8-3-1	Top	-7.4647	4.274	0.6155	-0.2841	-0.0062	-2.2399
N+12.10	M5	C8-3-2	Top	-7.4647	1.3316	0.6155	-0.2841	-0.7736	-2.2399
N+12.10	M5	C8-3-3	Top	-7.4647	4.274	-0.2499	-0.2841	-0.0062	-4.6904
N+12.10	M5	C8-3-4	Top	-7.4647	1.3316	-0.2499	-0.2841	-0.7736	-4.6904
N+12.10	M5	C8-3-5	Top	-8.6987	4.274	0.6155	-0.7248	-0.0062	-2.2399
N+12.10	M5	C8-3-6	Top	-8.6987	1.3316	0.6155	-0.7248	-0.7736	-2.2399
N+12.10	M5	C8-3-7	Top	-8.6987	4.274	-0.2499	-0.7248	-0.0062	-4.6904
N+12.10	M5	C8-3-8	Top	-8.6987	1.3316	-0.2499	-0.7248	-0.7736	-4.6904
N+12.10	M5	C9-1	Top	-5.8142	2.6749	-0.7917	2.0331	2.8788	0.7748
N+12.10	M5	C9-2	Top	-5.8142	-4.2273	-0.7917	2.0331	0.4248	0.7748
N+12.10	M5	C9-3	Top	-5.8142	2.6749	-3.5671	2.0331	2.8788	-5.0823
N+12.10	M5	C9-4	Top	-5.8142	-4.2273	-3.5671	2.0331	0.4248	-5.0823
N+12.10	M5	C9-5	Top	-9.3524	2.6749	-0.7917	0.9983	2.8788	0.7748
N+12.10	M5	C9-6	Top	-9.3524	-4.2273	-0.7917	0.9983	0.4248	0.7748
N+12.10	M5	C9-7	Top	-9.3524	2.6749	-3.5671	0.9983	2.8788	-5.0823
N+12.10	M5	C9-8	Top	-9.3524	-4.2273	-3.5671	0.9983	0.4248	-5.0823
N+12.10	M5	C9-1-1	Top	-4.5516	2.5996	2.3897	0.0548	0.1035	2.1993
N+12.10	M5	C9-1-2	Top	-4.5516	-4.3026	2.3897	0.0548	-2.3506	2.1993
N+12.10	M5	C9-1-3	Top	-4.5516	2.5996	-0.3857	0.0548	0.1035	-3.6578
N+12.10	M5	C9-1-4	Top	-4.5516	-4.3026	-0.3857	0.0548	-2.3506	-3.6578
N+12.10	M5	C9-1-5	Top	-8.0899	2.5996	2.3897	-0.98	0.1035	2.1993
N+12.10	M5	C9-1-6	Top	-8.0899	-4.3026	2.3897	-0.98	-2.3506	2.1993
N+12.10	M5	C9-1-7	Top	-8.0899	2.5996	-0.3857	-0.98	0.1035	-3.6578
N+12.10	M5	C9-1-8	Top	-8.0899	-4.3026	-0.3857	-0.98	-2.3506	-3.6578
N+12.10	M5	C9-2-1	Top	-6.423	4.3493	-0.6559	1.6943	2.7691	-0.2578
N+12.10	M5	C9-2-2	Top	-6.423	-2.5529	-0.6559	1.6943	0.315	-0.2578
N+12.10	M5	C9-2-3	Top	-6.423	4.3493	-3.4312	1.6943	2.7691	-6.1149
N+12.10	M5	C9-2-4	Top	-6.423	-2.5529	-3.4312	1.6943	0.315	-6.1149
N+12.10	M5	C9-2-5	Top	-9.9612	4.3493	-0.6559	0.6594	2.7691	-0.2578
N+12.10	M5	C9-2-6	Top	-9.9612	-2.5529	-0.6559	0.6594	0.315	-0.2578
N+12.10	M5	C9-2-7	Top	-9.9612	4.3493	-3.4312	0.6594	2.7691	-6.1149
N+12.10	M5	C9-2-8	Top	-9.9612	-2.5529	-3.4312	0.6594	0.315	-6.1149
N+12.10	M5	C9-3-1	Top	-5.1604	4.274	2.5255	-0.2841	-0.0062	1.1666
N+12.10	M5	C9-3-2	Top	-5.1604	-2.6282	2.5255	-0.2841	-2.4603	1.1666
N+12.10	M5	C9-3-3	Top	-5.1604	4.274	-0.2499	-0.2841	-0.0062	-4.6904
N+12.10	M5	C9-3-4	Top	-5.1604	-2.6282	-0.2499	-0.2841	-2.4603	-4.6904
N+12.10	M5	C9-3-5	Top	-8.6987	4.274	2.5255	-1.3189	-0.0062	1.1666

N+12.10	M5	C9-3-6	Top	-8.6987	-2.6282	2.5255	-1.3189	-2.4603	1.1666
N+12.10	M5	C9-3-7	Top	-8.6987	4.274	-0.2499	-1.3189	-0.0062	-4.6904
N+12.10	M5	C9-3-8	Top	-8.6987	-2.6282	-0.2499	-1.3189	-2.4603	-4.6904
N+12.10	M5	C10-1	Top	-4.8769	0.0651	-0.3915	0.2539	0.1713	-1.352
N+12.10	M5	C11-1	Top	-4.3614	0.1234	-0.383	0.2405	0.1822	-1.2747
N+12.10	M6	C1-1	Top	-7.7229	3.668	-0.0033	0.1513	-0.0424	-3.8486
N+12.10	M6	C2-1	Top	-9.0432	4.1787	-0.0752	0.207	0.0039	-4.3357
N+12.10	M6	C3-1	Top	-9.0497	4.149	-0.0561	0.1987	-0.0077	-4.3474
N+12.10	M6	C4-1	Top	-7.8993	3.645	-0.0141	0.1587	-0.0314	-3.8588
N+12.10	M6	C5-1	Top	-7.615	3.5337	-0.0116	0.1523	-0.0325	-3.7343
N+12.10	M6	C6-1	Top	-8.5521	3.9542	-0.0517	0.1875	-0.0096	-4.1296
N+12.10	M6	C7-1	Top	-7.9833	3.7316	-0.0467	0.1746	-0.0118	-3.8808
N+12.10	M6	C8-1	Top	-9.5135	0.5586	-1.6171	1.8201	1.9864	-2.3397
N+12.10	M6	C8-2	Top	-9.5135	-0.22	-1.6171	1.8201	1.3549	-2.3397
N+12.10	M6	C8-3	Top	-9.5135	0.5586	-2.3292	1.8201	1.9864	-2.5966
N+12.10	M6	C8-4	Top	-9.5135	-0.22	-2.3292	1.8201	1.3549	-2.5966
N+12.10	M6	C8-5	Top	-10.4448	0.5586	-1.6171	1.2328	1.9864	-2.3397
N+12.10	M6	C8-6	Top	-10.4448	-0.22	-1.6171	1.2328	1.3549	-2.3397
N+12.10	M6	C8-7	Top	-10.4448	0.5586	-2.3292	1.2328	1.9864	-2.5966
N+12.10	M6	C8-8	Top	-10.4448	-0.22	-2.3292	1.2328	1.3549	-2.5966
N+12.10	M6	C8-1-1	Top	-5.8219	6.3873	1.5031	-0.3965	-0.746	-4.5631
N+12.10	M6	C8-1-2	Top	-5.8219	5.6087	1.5031	-0.3965	-1.3775	-4.5631
N+12.10	M6	C8-1-3	Top	-5.8219	6.3873	0.791	-0.3965	-0.746	-4.82
N+12.10	M6	C8-1-4	Top	-5.8219	5.6087	0.791	-0.3965	-1.3775	-4.82
N+12.10	M6	C8-1-5	Top	-6.7532	6.3873	1.5031	-0.9838	-0.746	-4.5631
N+12.10	M6	C8-1-6	Top	-6.7532	5.6087	1.5031	-0.9838	-1.3775	-4.5631
N+12.10	M6	C8-1-7	Top	-6.7532	6.3873	0.791	-0.9838	-0.746	-4.82
N+12.10	M6	C8-1-8	Top	-6.7532	5.6087	0.791	-0.9838	-1.3775	-4.82
N+12.10	M6	C8-2-1	Top	-9.0712	1.7988	-0.8833	1.3297	1.3534	-2.8793
N+12.10	M6	C8-2-2	Top	-9.0712	1.0202	-0.8833	1.3297	0.7218	-2.8793
N+12.10	M6	C8-2-3	Top	-9.0712	1.7988	-1.5954	1.3297	1.3534	-3.1363
N+12.10	M6	C8-2-4	Top	-9.0712	1.0202	-1.5954	1.3297	0.7218	-3.1363
N+12.10	M6	C8-2-5	Top	-10.0025	1.7988	-0.8833	0.7424	1.3534	-2.8793
N+12.10	M6	C8-2-6	Top	-10.0025	1.0202	-0.8833	0.7424	0.7218	-2.8793
N+12.10	M6	C8-2-7	Top	-10.0025	1.7988	-1.5954	0.7424	1.3534	-3.1363
N+12.10	M6	C8-2-8	Top	-10.0025	1.0202	-1.5954	0.7424	0.7218	-3.1363
N+12.10	M6	C8-3-1	Top	-5.3796	7.6274	2.237	-0.8869	-1.3791	-5.1027

N+12.10	M6	C8-3-2	Top	-5.3796	6.8488	2.237	-0.8869	-2.0106	-5.1027
N+12.10	M6	C8-3-3	Top	-5.3796	7.6274	1.5249	-0.8869	-1.3791	-5.3596
N+12.10	M6	C8-3-4	Top	-5.3796	6.8488	1.5249	-0.8869	-2.0106	-5.3596
N+12.10	M6	C8-3-5	Top	-6.311	7.6274	2.237	-1.4742	-1.3791	-5.1027
N+12.10	M6	C8-3-6	Top	-6.311	6.8488	2.237	-1.4742	-2.0106	-5.1027
N+12.10	M6	C8-3-7	Top	-6.311	7.6274	1.5249	-1.4742	-1.3791	-5.3596
N+12.10	M6	C8-3-8	Top	-6.311	6.8488	1.5249	-1.4742	-2.0106	-5.3596
N+12.10	M6	C9-1	Top	-7.9614	1.745	-1.1453	1.8201	1.9864	-2.3397
N+12.10	M6	C9-2	Top	-7.9614	-0.22	-1.1453	1.8201	0.9194	-2.3397
N+12.10	M6	C9-3	Top	-7.9614	1.745	-2.3292	1.8201	1.9864	-2.8938
N+12.10	M6	C9-4	Top	-7.9614	-0.22	-2.3292	1.8201	0.9194	-2.8938
N+12.10	M6	C9-5	Top	-10.4448	1.745	-1.1453	0.8255	1.9864	-2.3397
N+12.10	M6	C9-6	Top	-10.4448	-0.22	-1.1453	0.8255	0.9194	-2.3397
N+12.10	M6	C9-7	Top	-10.4448	1.745	-2.3292	0.8255	1.9864	-2.8938
N+12.10	M6	C9-8	Top	-10.4448	-0.22	-2.3292	0.8255	0.9194	-2.8938
N+12.10	M6	C9-1-1	Top	-6.4871	5.8789	1.3009	0.1854	-0.1238	-4.1385
N+12.10	M6	C9-1-2	Top	-6.4871	3.9139	1.3009	0.1854	-1.1909	-4.1385
N+12.10	M6	C9-1-3	Top	-6.4871	5.8789	0.1169	0.1854	-0.1238	-4.6926
N+12.10	M6	C9-1-4	Top	-6.4871	3.9139	0.1169	0.1854	-1.1909	-4.6926
N+12.10	M6	C9-1-5	Top	-8.9705	5.8789	1.3009	-0.8092	-0.1238	-4.1385
N+12.10	M6	C9-1-6	Top	-8.9705	3.9139	1.3009	-0.8092	-1.1909	-4.1385
N+12.10	M6	C9-1-7	Top	-8.9705	5.8789	0.1169	-0.8092	-0.1238	-4.6926
N+12.10	M6	C9-1-8	Top	-8.9705	3.9139	0.1169	-0.8092	-1.1909	-4.6926
N+12.10	M6	C9-2-1	Top	-6.8539	3.4936	-0.2092	1.1551	1.1667	-3.0067
N+12.10	M6	C9-2-2	Top	-6.8539	1.5286	-0.2092	1.1551	0.0996	-3.0067
N+12.10	M6	C9-2-3	Top	-6.8539	3.4936	-1.3931	1.1551	1.1667	-3.5609
N+12.10	M6	C9-2-4	Top	-6.8539	1.5286	-1.3931	1.1551	0.0996	-3.5609
N+12.10	M6	C9-2-5	Top	-9.3373	3.4936	-0.2092	0.1605	1.1667	-3.0067
N+12.10	M6	C9-2-6	Top	-9.3373	1.5286	-0.2092	0.1605	0.0996	-3.0067
N+12.10	M6	C9-2-7	Top	-9.3373	3.4936	-1.3931	0.1605	1.1667	-3.5609
N+12.10	M6	C9-2-8	Top	-9.3373	1.5286	-1.3931	0.1605	0.0996	-3.5609
N+12.10	M6	C9-3-1	Top	-5.3796	7.6274	2.237	-0.4796	-0.9435	-4.8055
N+12.10	M6	C9-3-2	Top	-5.3796	5.6625	2.237	-0.4796	-2.0106	-4.8055
N+12.10	M6	C9-3-3	Top	-5.3796	7.6274	1.053	-0.4796	-0.9435	-5.3596
N+12.10	M6	C9-3-4	Top	-5.3796	5.6625	1.053	-0.4796	-2.0106	-5.3596
N+12.10	M6	C9-3-5	Top	-7.863	7.6274	2.237	-1.4742	-0.9435	-4.8055
N+12.10	M6	C9-3-6	Top	-7.863	5.6625	2.237	-1.4742	-2.0106	-4.8055

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N+12.10	M6	C9-3-7	Top	-7.863	7.6274	1.053	-1.4742	-0.9435	-5.3596
N+12.10	M6	C9-3-8	Top	-7.863	5.6625	1.053	-1.4742	-2.0106	-5.3596
N+12.10	M6	C10-1	Top	-5.2491	2.4694	-0.0046	0.1037	-0.0262	-2.5985
N+12.10	M6	C11-1	Top	-4.6803	2.2467	0.0004	0.0908	-0.0284	-2.3497
N+12.10	M7	C1-1	Top	-8.8512	-27.7189	0.9661	2.0438	-0.9333	31.873
N+12.10	M7	C2-1	Top	-9.146	-32.5137	1.0366	2.4534	-1.0042	36.7485
N+12.10	M7	C3-1	Top	-9.0905	-31.7183	1.033	2.4285	-1.0007	36.0586
N+12.10	M7	C4-1	Top	-8.3266	-27.2369	0.9323	2.0849	-0.9021	31.2985
N+12.10	M7	C5-1	Top	-8.1622	-26.4641	0.9092	2.0109	-0.8794	30.4143
N+12.10	M7	C6-1	Top	-8.8028	-30.3658	0.9924	2.299	-0.961	34.5113
N+12.10	M7	C7-1	Top	-8.4739	-28.8201	0.9461	2.151	-0.9156	32.743
N+12.10	M7	C8-1	Top	-2.0304	15.6083	0.5676	5.2907	0.3032	22.353
N+12.10	M7	C8-2	Top	-2.0304	-15.1414	0.5676	5.2907	-0.5643	22.353
N+12.10	M7	C8-3	Top	-2.0304	15.6083	-0.5056	5.2907	0.3032	4.9799
N+12.10	M7	C8-4	Top	-2.0304	-15.1414	-0.5056	5.2907	-0.5643	4.9799
N+12.10	M7	C8-5	Top	-5.7884	15.6083	0.5676	3.72	0.3032	22.353
N+12.10	M7	C8-6	Top	-5.7884	-15.1414	0.5676	3.72	-0.5643	22.353
N+12.10	M7	C8-7	Top	-5.7884	15.6083	-0.5056	3.72	0.3032	4.9799
N+12.10	M7	C8-8	Top	-5.7884	-15.1414	-0.5056	3.72	-0.5643	4.9799
N+12.10	M7	C8-1-1	Top	-10.7531	-42.0132	2.5988	1.2432	-1.3984	57.9305
N+12.10	M7	C8-1-2	Top	-10.7531	-72.763	2.5988	1.2432	-2.2659	57.9305
N+12.10	M7	C8-1-3	Top	-10.7531	-42.0132	1.5256	1.2432	-1.3984	40.5573
N+12.10	M7	C8-1-4	Top	-10.7531	-72.763	1.5256	1.2432	-2.2659	40.5573
N+12.10	M7	C8-1-5	Top	-14.5111	-42.0132	2.5988	-0.3275	-1.3984	57.9305
N+12.10	M7	C8-1-6	Top	-14.5111	-72.763	2.5988	-0.3275	-2.2659	57.9305
N+12.10	M7	C8-1-7	Top	-14.5111	-42.0132	1.5256	-0.3275	-1.3984	40.5573
N+12.10	M7	C8-1-8	Top	-14.5111	-72.763	1.5256	-0.3275	-2.2659	40.5573
N+12.10	M7	C8-2-1	Top	-2.3546	15.5092	0.3551	4.5924	0.446	24.4866
N+12.10	M7	C8-2-2	Top	-2.3546	-15.2406	0.3551	4.5924	-0.4214	24.4866
N+12.10	M7	C8-2-3	Top	-2.3546	15.5092	-0.7181	4.5924	0.446	7.1134
N+12.10	M7	C8-2-4	Top	-2.3546	-15.2406	-0.7181	4.5924	-0.4214	7.1134
N+12.10	M7	C8-2-5	Top	-6.1126	15.5092	0.3551	3.0217	0.446	24.4866
N+12.10	M7	C8-2-6	Top	-6.1126	-15.2406	0.3551	3.0217	-0.4214	24.4866
N+12.10	M7	C8-2-7	Top	-6.1126	15.5092	-0.7181	3.0217	0.446	7.1134
N+12.10	M7	C8-2-8	Top	-6.1126	-15.2406	-0.7181	3.0217	-0.4214	7.1134
N+12.10	M7	C8-3-1	Top	-11.0773	-42.1124	2.3863	0.5449	-1.2555	60.064
N+12.10	M7	C8-3-2	Top	-11.0773	-72.8622	2.3863	0.5449	-2.123	60.064

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N+12.10	M7	C8-3-3	Top	-11.0773	-42.1124	1.3131	0.5449	-1.2555	42.6909
N+12.10	M7	C8-3-4	Top	-11.0773	-72.8622	1.3131	0.5449	-2.123	42.6909
N+12.10	M7	C8-3-5	Top	-14.8353	-42.1124	2.3863	-1.0258	-1.2555	60.064
N+12.10	M7	C8-3-6	Top	-14.8353	-72.8622	2.3863	-1.0258	-2.123	60.064
N+12.10	M7	C8-3-7	Top	-14.8353	-42.1124	1.3131	-1.0258	-1.2555	42.6909
N+12.10	M7	C8-3-8	Top	-14.8353	-72.8622	1.3131	-1.0258	-2.123	42.6909
N+12.10	M7	C9-1	Top	-2.0304	15.6083	2.4853	5.2907	0.3032	42.279
N+12.10	M7	C9-2	Top	-2.0304	-55.2451	2.4853	5.2907	-2.0888	42.279
N+12.10	M7	C9-3	Top	-2.0304	15.6083	-0.5056	5.2907	0.3032	4.9799
N+12.10	M7	C9-4	Top	-2.0304	-55.2451	-0.5056	5.2907	-2.0888	4.9799
N+12.10	M7	C9-5	Top	-11.138	15.6083	2.4853	2.5162	0.3032	42.279
N+12.10	M7	C9-6	Top	-11.138	-55.2451	2.4853	2.5162	-2.0888	42.279
N+12.10	M7	C9-7	Top	-11.138	15.6083	-0.5056	2.5162	0.3032	4.9799
N+12.10	M7	C9-8	Top	-11.138	-55.2451	-0.5056	2.5162	-2.0888	4.9799
N+12.10	M7	C9-1-1	Top	-3.1109	15.2777	1.7769	2.9629	0.7794	49.3907
N+12.10	M7	C9-1-2	Top	-3.1109	-55.5757	1.7769	2.9629	-1.6125	49.3907
N+12.10	M7	C9-1-3	Top	-3.1109	15.2777	-1.214	2.9629	0.7794	12.0917
N+12.10	M7	C9-1-4	Top	-3.1109	-55.5757	-1.214	2.9629	-1.6125	12.0917
N+12.10	M7	C9-1-5	Top	-12.2185	15.2777	1.7769	0.1885	0.7794	49.3907
N+12.10	M7	C9-1-6	Top	-12.2185	-55.5757	1.7769	0.1885	-1.6125	49.3907
N+12.10	M7	C9-1-7	Top	-12.2185	15.2777	-1.214	0.1885	0.7794	12.0917
N+12.10	M7	C9-1-8	Top	-12.2185	-55.5757	-1.214	0.1885	-1.6125	12.0917
N+12.10	M7	C9-2-1	Top	-4.6472	-1.6781	3.0947	4.0764	-0.2073	52.9522
N+12.10	M7	C9-2-2	Top	-4.6472	-72.5316	3.0947	4.0764	-2.5993	52.9522
N+12.10	M7	C9-2-3	Top	-4.6472	-1.6781	0.1037	4.0764	-0.2073	15.6532
N+12.10	M7	C9-2-4	Top	-4.6472	-72.5316	0.1037	4.0764	-2.5993	15.6532
N+12.10	M7	C9-2-5	Top	-13.7548	-1.6781	3.0947	1.302	-0.2073	52.9522
N+12.10	M7	C9-2-6	Top	-13.7548	-72.5316	3.0947	1.302	-2.5993	52.9522
N+12.10	M7	C9-2-7	Top	-13.7548	-1.6781	0.1037	1.302	-0.2073	15.6532
N+12.10	M7	C9-2-8	Top	-13.7548	-72.5316	0.1037	1.302	-2.5993	15.6532
N+12.10	M7	C9-3-1	Top	-5.7277	-2.0087	2.3863	1.7487	0.269	60.064
N+12.10	M7	C9-3-2	Top	-5.7277	-72.8622	2.3863	1.7487	-2.123	60.064
N+12.10	M7	C9-3-3	Top	-5.7277	-2.0087	-0.6047	1.7487	0.269	22.7649
N+12.10	M7	C9-3-4	Top	-5.7277	-72.8622	-0.6047	1.7487	-2.123	22.7649
N+12.10	M7	C9-3-5	Top	-14.8353	-2.0087	2.3863	-1.0258	0.269	60.064
N+12.10	M7	C9-3-6	Top	-14.8353	-72.8622	2.3863	-1.0258	-2.123	60.064
N+12.10	M7	C9-3-7	Top	-14.8353	-2.0087	-0.6047	-1.0258	0.269	22.7649

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N+12.10	M7	C9-3-8	Top	-14.8353	-72.8622	-0.6047	-1.0258	-2.123	22.7649
N+12.10	M7	C10-1	Top	-5.8545	-18.5922	0.6442	1.3879	-0.6227	21.374
N+12.10	M7	C11-1	Top	-5.5257	-17.0464	0.5979	1.2398	-0.5773	19.6056
N+12.10	M8	C1-1	Top	-6.8677	-11.9668	0.2329	0.6135	-0.3019	6.5996
N+12.10	M8	C2-1	Top	-7.8528	-13.863	0.2538	0.6926	-0.3226	7.5824
N+12.10	M8	C3-1	Top	-7.7956	-13.7451	0.2513	0.6848	-0.3211	7.4969
N+12.10	M8	C4-1	Top	-6.8375	-11.9827	0.2245	0.6024	-0.2901	6.5469
N+12.10	M8	C5-1	Top	-6.6261	-11.5993	0.219	0.5854	-0.2832	6.3491
N+12.10	M8	C6-1	Top	-7.4258	-13.074	0.2416	0.6551	-0.3089	7.1508
N+12.10	M8	C7-1	Top	-7.0032	-12.3072	0.2305	0.6211	-0.295	6.7552
N+12.10	M8	C8-1	Top	-6.1017	-12.6277	0.1835	1.6289	-0.1793	10.6999
N+12.10	M8	C8-2	Top	-6.1017	-21.5451	0.1835	1.6289	-0.2726	10.6999
N+12.10	M8	C8-3	Top	-6.1017	-12.6277	0.0658	1.6289	-0.1793	5.8568
N+12.10	M8	C8-4	Top	-6.1017	-21.5451	0.0658	1.6289	-0.2726	5.8568
N+12.10	M8	C8-5	Top	-8.6254	-12.6277	0.1835	1.1838	-0.1793	10.6999
N+12.10	M8	C8-6	Top	-8.6254	-21.5451	0.1835	1.1838	-0.2726	10.6999
N+12.10	M8	C8-7	Top	-8.6254	-12.6277	0.0658	1.1838	-0.1793	5.8568
N+12.10	M8	C8-8	Top	-8.6254	-21.5451	0.0658	1.1838	-0.2726	5.8568
N+12.10	M8	C8-1-1	Top	-4.8399	-1.3497	0.3923	0.38	-0.3159	6.7422
N+12.10	M8	C8-1-2	Top	-4.8399	-10.267	0.3923	0.38	-0.4092	6.7422
N+12.10	M8	C8-1-3	Top	-4.8399	-1.3497	0.2746	0.38	-0.3159	1.899
N+12.10	M8	C8-1-4	Top	-4.8399	-10.267	0.2746	0.38	-0.4092	1.899
N+12.10	M8	C8-1-5	Top	-7.3636	-1.3497	0.3923	-0.0651	-0.3159	6.7422
N+12.10	M8	C8-1-6	Top	-7.3636	-10.267	0.3923	-0.0651	-0.4092	6.7422
N+12.10	M8	C8-1-7	Top	-7.3636	-1.3497	0.2746	-0.0651	-0.3159	1.899
N+12.10	M8	C8-1-8	Top	-7.3636	-10.267	0.2746	-0.0651	-0.4092	1.899
N+12.10	M8	C8-2-1	Top	-6.5372	-14.1556	0.1836	1.2988	-0.1773	11.5125
N+12.10	M8	C8-2-2	Top	-6.5372	-23.0729	0.1836	1.2988	-0.2706	11.5125
N+12.10	M8	C8-2-3	Top	-6.5372	-14.1556	0.0659	1.2988	-0.1773	6.6694
N+12.10	M8	C8-2-4	Top	-6.5372	-23.0729	0.0659	1.2988	-0.2706	6.6694
N+12.10	M8	C8-2-5	Top	-9.0609	-14.1556	0.1836	0.8537	-0.1773	11.5125
N+12.10	M8	C8-2-6	Top	-9.0609	-23.0729	0.1836	0.8537	-0.2706	11.5125
N+12.10	M8	C8-2-7	Top	-9.0609	-14.1556	0.0659	0.8537	-0.1773	6.6694
N+12.10	M8	C8-2-8	Top	-9.0609	-23.0729	0.0659	0.8537	-0.2706	6.6694
N+12.10	M8	C8-3-1	Top	-5.2753	-2.8775	0.3924	0.0499	-0.3139	7.5547
N+12.10	M8	C8-3-2	Top	-5.2753	-11.7948	0.3924	0.0499	-0.4071	7.5547
N+12.10	M8	C8-3-3	Top	-5.2753	-2.8775	0.2748	0.0499	-0.3139	2.7116

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N+12.10	M8	C8-3-4	Top	-5.2753	-11.7948	0.2748	0.0499	-0.4071	2.7116
N+12.10	M8	C8-3-5	Top	-7.7991	-2.8775	0.3924	-0.3953	-0.3139	7.5547
N+12.10	M8	C8-3-6	Top	-7.7991	-11.7948	0.3924	-0.3953	-0.4071	7.5547
N+12.10	M8	C8-3-7	Top	-7.7991	-2.8775	0.2748	-0.3953	-0.3139	2.7116
N+12.10	M8	C8-3-8	Top	-7.7991	-11.7948	0.2748	-0.3953	-0.4071	2.7116
N+12.10	M8	C9-1	Top	-4.2023	-1.1682	0.3294	1.6289	-0.1793	10.6999
N+12.10	M8	C9-2	Top	-4.2023	-21.5451	0.3294	1.6289	-0.373	10.6999
N+12.10	M8	C9-3	Top	-4.2023	-1.1682	0.0658	1.6289	-0.1793	1.1904
N+12.10	M8	C9-4	Top	-4.2023	-21.5451	0.0658	1.6289	-0.373	1.1904
N+12.10	M8	C9-5	Top	-8.6254	-1.1682	0.3294	1.0798	-0.1793	10.6999
N+12.10	M8	C9-6	Top	-8.6254	-21.5451	0.3294	1.0798	-0.373	10.6999
N+12.10	M8	C9-7	Top	-8.6254	-1.1682	0.0658	1.0798	-0.1793	1.1904
N+12.10	M8	C9-8	Top	-8.6254	-21.5451	0.0658	1.0798	-0.373	1.1904
N+12.10	M8	C9-1-1	Top	-5.6539	-6.2609	0.3298	0.5286	-0.1725	13.4084
N+12.10	M8	C9-1-2	Top	-5.6539	-26.6378	0.3298	0.5286	-0.3662	13.4084
N+12.10	M8	C9-1-3	Top	-5.6539	-6.2609	0.0662	0.5286	-0.1725	3.8989
N+12.10	M8	C9-1-4	Top	-5.6539	-26.6378	0.0662	0.5286	-0.3662	3.8989
N+12.10	M8	C9-1-5	Top	-10.077	-6.2609	0.3298	-0.0206	-0.1725	13.4084
N+12.10	M8	C9-1-6	Top	-10.077	-26.6378	0.3298	-0.0206	-0.3662	13.4084
N+12.10	M8	C9-1-7	Top	-10.077	-6.2609	0.0662	-0.0206	-0.1725	3.8989
N+12.10	M8	C9-1-8	Top	-10.077	-26.6378	0.0662	-0.0206	-0.3662	3.8989
N+12.10	M8	C9-2-1	Top	-3.8238	2.2153	0.3921	1.2542	-0.2203	9.5126
N+12.10	M8	C9-2-2	Top	-3.8238	-18.1617	0.3921	1.2542	-0.4139	9.5126
N+12.10	M8	C9-2-3	Top	-3.8238	2.2153	0.1285	1.2542	-0.2203	0.0031
N+12.10	M8	C9-2-4	Top	-3.8238	-18.1617	0.1285	1.2542	-0.4139	0.0031
N+12.10	M8	C9-2-5	Top	-8.2469	2.2153	0.3921	0.7051	-0.2203	9.5126
N+12.10	M8	C9-2-6	Top	-8.2469	-18.1617	0.3921	0.7051	-0.4139	9.5126
N+12.10	M8	C9-2-7	Top	-8.2469	2.2153	0.1285	0.7051	-0.2203	0.0031
N+12.10	M8	C9-2-8	Top	-8.2469	-18.1617	0.1285	0.7051	-0.4139	0.0031
N+12.10	M8	C9-3-1	Top	-5.2753	-2.8775	0.3924	0.1539	-0.2135	12.2211
N+12.10	M8	C9-3-2	Top	-5.2753	-23.2544	0.3924	0.1539	-0.4071	12.2211
N+12.10	M8	C9-3-3	Top	-5.2753	-2.8775	0.1288	0.1539	-0.2135	2.7116
N+12.10	M8	C9-3-4	Top	-5.2753	-23.2544	0.1288	0.1539	-0.4071	2.7116
N+12.10	M8	C9-3-5	Top	-9.6984	-2.8775	0.3924	-0.3953	-0.2135	12.2211
N+12.10	M8	C9-3-6	Top	-9.6984	-23.2544	0.3924	-0.3953	-0.4071	12.2211
N+12.10	M8	C9-3-7	Top	-9.6984	-2.8775	0.1288	-0.3953	-0.2135	2.7116
N+12.10	M8	C9-3-8	Top	-9.6984	-23.2544	0.1288	-0.3953	-0.4071	2.7116

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N+12.10	M8	C10-1	Top	-4.6262	-8.0764	0.1552	0.4114	-0.201	4.4404
N+12.10	M8	C11-1	Top	-4.2036	-7.3095	0.1442	0.3774	-0.1871	4.0448
N+12.10	M9	C1-1	Top	-10.0946	16.1348	-0.0063	0.2901	0.1399	-14.9269
N+12.10	M9	C2-1	Top	-11.2156	18.7997	0.0096	0.3614	0.1308	-17.4362
N+12.10	M9	C3-1	Top	-11.3103	18.5753	0.0014	0.3519	0.1402	-17.2914
N+12.10	M9	C4-1	Top	-10.1287	16.1216	-0.009	0.2945	0.1388	-15.0255
N+12.10	M9	C5-1	Top	-9.8007	15.6123	-0.0082	0.2843	0.1346	-14.5297
N+12.10	M9	C6-1	Top	-10.7363	17.684	0.0028	0.3341	0.1329	-16.4237
N+12.10	M9	C7-1	Top	-10.0802	16.6655	0.0044	0.3137	0.1245	-15.4322
N+12.10	M9	C8-1	Top	-18.3739	24.8192	-0.7481	1.3247	0.9648	-14.3646
N+12.10	M9	C8-2	Top	-18.3739	12.1452	-0.7481	1.3247	0.8504	-14.3646
N+12.10	M9	C8-3	Top	-18.3739	24.8192	-0.8664	1.3247	0.9648	-26.4393
N+12.10	M9	C8-4	Top	-18.3739	12.1452	-0.8664	1.3247	0.8504	-26.4393
N+12.10	M9	C8-5	Top	-18.8658	24.8192	-0.7481	0.9427	0.9648	-14.3646
N+12.10	M9	C8-6	Top	-18.8658	12.1452	-0.7481	0.9427	0.8504	-14.3646
N+12.10	M9	C8-7	Top	-18.8658	24.8192	-0.8664	0.9427	0.9648	-26.4393
N+12.10	M9	C8-8	Top	-18.8658	12.1452	-0.8664	0.9427	0.8504	-26.4393
N+12.10	M9	C8-1-1	Top	-5.4374	29.9975	0.5713	0.0446	-0.3172	-13.9794
N+12.10	M9	C8-1-2	Top	-5.4374	17.3236	0.5713	0.0446	-0.4315	-13.9794
N+12.10	M9	C8-1-3	Top	-5.4374	29.9975	0.453	0.0446	-0.3172	-26.0541
N+12.10	M9	C8-1-4	Top	-5.4374	17.3236	0.453	0.0446	-0.4315	-26.0541
N+12.10	M9	C8-1-5	Top	-5.9293	29.9975	0.5713	-0.3375	-0.3172	-13.9794
N+12.10	M9	C8-1-6	Top	-5.9293	17.3236	0.5713	-0.3375	-0.4315	-13.9794
N+12.10	M9	C8-1-7	Top	-5.9293	29.9975	0.453	-0.3375	-0.3172	-26.0541
N+12.10	M9	C8-1-8	Top	-5.9293	17.3236	0.453	-0.3375	-0.4315	-26.0541
N+12.10	M9	C8-2-1	Top	-14.067	15.7527	-0.4438	0.9598	0.6785	-4.5623
N+12.10	M9	C8-2-2	Top	-14.067	3.0788	-0.4438	0.9598	0.5641	-4.5623
N+12.10	M9	C8-2-3	Top	-14.067	15.7527	-0.5622	0.9598	0.6785	-16.637
N+12.10	M9	C8-2-4	Top	-14.067	3.0788	-0.5622	0.9598	0.5641	-16.637
N+12.10	M9	C8-2-5	Top	-14.5589	15.7527	-0.4438	0.5778	0.6785	-4.5623
N+12.10	M9	C8-2-6	Top	-14.5589	3.0788	-0.4438	0.5778	0.5641	-4.5623
N+12.10	M9	C8-2-7	Top	-14.5589	15.7527	-0.5622	0.5778	0.6785	-16.637
N+12.10	M9	C8-2-8	Top	-14.5589	3.0788	-0.5622	0.5778	0.5641	-16.637
N+12.10	M9	C8-3-1	Top	-1.1306	20.931	0.8756	-0.3203	-0.6034	-4.1771
N+12.10	M9	C8-3-2	Top	-1.1306	8.2571	0.8756	-0.3203	-0.7178	-4.1771
N+12.10	M9	C8-3-3	Top	-1.1306	20.931	0.7572	-0.3203	-0.6034	-16.2518
N+12.10	M9	C8-3-4	Top	-1.1306	8.2571	0.7572	-0.3203	-0.7178	-16.2518

N+12.10	M9	C8-3-5	Top	-1.6225	20.931	0.8756	-0.7024	-0.6034	-4.1771
N+12.10	M9	C8-3-6	Top	-1.6225	8.2571	0.8756	-0.7024	-0.7178	-4.1771
N+12.10	M9	C8-3-7	Top	-1.6225	20.931	0.7572	-0.7024	-0.6034	-16.2518
N+12.10	M9	C8-3-8	Top	-1.6225	8.2571	0.7572	-0.7024	-0.7178	-16.2518
N+12.10	M9	C9-1	Top	-18.3739	49.5992	-0.5344	1.3304	0.9648	-14.3646
N+12.10	M9	C9-2	Top	-18.3739	12.1452	-0.5344	1.3304	0.621	-14.3646
N+12.10	M9	C9-3	Top	-18.3739	49.5992	-0.8664	1.3304	0.9648	-49.0418
N+12.10	M9	C9-4	Top	-18.3739	12.1452	-0.8664	1.3304	0.621	-49.0418
N+12.10	M9	C9-5	Top	-19.8596	49.5992	-0.5344	0.8924	0.9648	-14.3646
N+12.10	M9	C9-6	Top	-19.8596	12.1452	-0.5344	0.8924	0.621	-14.3646
N+12.10	M9	C9-7	Top	-19.8596	49.5992	-0.8664	0.8924	0.9648	-49.0418
N+12.10	M9	C9-8	Top	-19.8596	12.1452	-0.8664	0.8924	0.621	-49.0418
N+12.10	M9	C9-1-1	Top	-4.0177	19.3775	0.4798	0.114	0.0105	18.3098
N+12.10	M9	C9-1-2	Top	-4.0177	-18.0764	0.4798	0.114	-0.3332	18.3098
N+12.10	M9	C9-1-3	Top	-4.0177	19.3775	0.1478	0.114	0.0105	-16.3674
N+12.10	M9	C9-1-4	Top	-4.0177	-18.0764	0.1478	0.114	-0.3332	-16.3674
N+12.10	M9	C9-1-5	Top	-5.5034	19.3775	0.4798	-0.324	0.0105	18.3098
N+12.10	M9	C9-1-6	Top	-5.5034	-18.0764	0.4798	-0.324	-0.3332	18.3098
N+12.10	M9	C9-1-7	Top	-5.5034	19.3775	0.1478	-0.324	0.0105	-16.3674
N+12.10	M9	C9-1-8	Top	-5.5034	-18.0764	0.1478	-0.324	-0.3332	-16.3674
N+12.10	M9	C9-2-1	Top	-14.493	51.1527	-0.1386	0.9464	0.5802	-14.2491
N+12.10	M9	C9-2-2	Top	-14.493	13.6988	-0.1386	0.9464	0.2364	-14.2491
N+12.10	M9	C9-2-3	Top	-14.493	51.1527	-0.4706	0.9464	0.5802	-48.9263
N+12.10	M9	C9-2-4	Top	-14.493	13.6988	-0.4706	0.9464	0.2364	-48.9263
N+12.10	M9	C9-2-5	Top	-15.9786	51.1527	-0.1386	0.5083	0.5802	-14.2491
N+12.10	M9	C9-2-6	Top	-15.9786	13.6988	-0.1386	0.5083	0.2364	-14.2491
N+12.10	M9	C9-2-7	Top	-15.9786	51.1527	-0.4706	0.5083	0.5802	-48.9263
N+12.10	M9	C9-2-8	Top	-15.9786	13.6988	-0.4706	0.5083	0.2364	-48.9263
N+12.10	M9	C9-3-1	Top	-0.1368	20.931	0.8756	-0.27	-0.3741	18.4254
N+12.10	M9	C9-3-2	Top	-0.1368	-16.5229	0.8756	-0.27	-0.7178	18.4254
N+12.10	M9	C9-3-3	Top	-0.1368	20.931	0.5436	-0.27	-0.3741	-16.2518
N+12.10	M9	C9-3-4	Top	-0.1368	-16.5229	0.5436	-0.27	-0.7178	-16.2518
N+12.10	M9	C9-3-5	Top	-1.6225	20.931	0.8756	-0.7081	-0.3741	18.4254
N+12.10	M9	C9-3-6	Top	-1.6225	-16.5229	0.8756	-0.7081	-0.7178	18.4254
N+12.10	M9	C9-3-7	Top	-1.6225	20.931	0.5436	-0.7081	-0.3741	-16.2518
N+12.10	M9	C9-3-8	Top	-1.6225	-16.5229	0.5436	-0.7081	-0.7178	-16.2518
N+12.10	M9	C10-1	Top	-6.8174	10.8817	-0.0048	0.1967	0.0941	-10.0916

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N+12.10	M9	C11-1	Top	-6.1614	9.8631	-0.0032	0.1763	0.0858	-9.1001
N+12.10	M10	C1-1	Top	-32.1039	-8.2185	-1.6808	0.5	6.0185	29.7155
N+12.10	M10	C2-1	Top	-36.5796	-9.6652	-1.8634	0.5507	6.902	34.6424
N+12.10	M10	C3-1	Top	-36.8463	-9.4023	-1.8969	0.5598	6.9097	34.3455
N+12.10	M10	C4-1	Top	-32.6414	-8.0509	-1.7091	0.5052	6.0835	29.8639
N+12.10	M10	C5-1	Top	-31.5028	-7.8273	-1.6494	0.4882	5.878	28.8876
N+12.10	M10	C6-1	Top	-34.8537	-9.0109	-1.7925	0.53	6.5501	32.6369
N+12.10	M10	C7-1	Top	-32.5765	-8.5636	-1.6732	0.4959	6.1391	30.6842
N+12.10	M10	C8-1	Top	-44.4957	12.9499	-1.9058	1.2767	6.9599	9.8325
N+12.10	M10	C8-2	Top	-44.4957	7.4623	-1.9058	1.2767	6.6769	9.8325
N+12.10	M10	C8-3	Top	-44.4957	12.9499	-2.0134	1.2767	6.9599	1.9828
N+12.10	M10	C8-4	Top	-44.4957	7.4623	-2.0134	1.2767	6.6769	1.9828
N+12.10	M10	C8-5	Top	-47.8514	12.9499	-1.9058	0.9878	6.9599	9.8325
N+12.10	M10	C8-6	Top	-47.8514	7.4623	-1.9058	0.9878	6.6769	9.8325
N+12.10	M10	C8-7	Top	-47.8514	12.9499	-2.0134	0.9878	6.9599	1.9828
N+12.10	M10	C8-8	Top	-47.8514	7.4623	-2.0134	0.9878	6.6769	1.9828
N+12.10	M10	C8-1-1	Top	-24.1538	-14.0688	-1.41	0.229	5.7567	45.0411
N+12.10	M10	C8-1-2	Top	-24.1538	-19.5564	-1.41	0.229	5.4737	45.0411
N+12.10	M10	C8-1-3	Top	-24.1538	-14.0688	-1.5176	0.229	5.7567	37.1914
N+12.10	M10	C8-1-4	Top	-24.1538	-19.5564	-1.5176	0.229	5.4737	37.1914
N+12.10	M10	C8-1-5	Top	-27.5095	-14.0688	-1.41	-0.06	5.7567	45.0411
N+12.10	M10	C8-1-6	Top	-27.5095	-19.5564	-1.41	-0.06	5.4737	45.0411
N+12.10	M10	C8-1-7	Top	-27.5095	-14.0688	-1.5176	-0.06	5.7567	37.1914
N+12.10	M10	C8-1-8	Top	-27.5095	-19.5564	-1.5176	-0.06	5.4737	37.1914
N+12.10	M10	C8-2-1	Top	-37.0742	2.541	-1.7989	1.0433	6.7017	23.6889
N+12.10	M10	C8-2-2	Top	-37.0742	-2.9466	-1.7989	1.0433	6.4187	23.6889
N+12.10	M10	C8-2-3	Top	-37.0742	2.541	-1.9065	1.0433	6.7017	15.8392
N+12.10	M10	C8-2-4	Top	-37.0742	-2.9466	-1.9065	1.0433	6.4187	15.8392
N+12.10	M10	C8-2-5	Top	-40.4299	2.541	-1.7989	0.7543	6.7017	23.6889
N+12.10	M10	C8-2-6	Top	-40.4299	-2.9466	-1.7989	0.7543	6.4187	23.6889
N+12.10	M10	C8-2-7	Top	-40.4299	2.541	-1.9065	0.7543	6.7017	15.8392
N+12.10	M10	C8-2-8	Top	-40.4299	-2.9466	-1.9065	0.7543	6.4187	15.8392
N+12.10	M10	C8-3-1	Top	-16.7323	-24.4777	-1.3031	-0.0045	5.4985	58.8975
N+12.10	M10	C8-3-2	Top	-16.7323	-29.9653	-1.3031	-0.0045	5.2155	58.8975
N+12.10	M10	C8-3-3	Top	-16.7323	-24.4777	-1.4107	-0.0045	5.4985	51.0478
N+12.10	M10	C8-3-4	Top	-16.7323	-29.9653	-1.4107	-0.0045	5.2155	51.0478
N+12.10	M10	C8-3-5	Top	-20.088	-24.4777	-1.3031	-0.2935	5.4985	58.8975

N+12.10	M10	C8-3-6	Top	-20.088	-29.9653	-1.3031	-0.2935	5.2155	58.8975
N+12.10	M10	C8-3-7	Top	-20.088	-24.4777	-1.4107	-0.2935	5.4985	51.0478
N+12.10	M10	C8-3-8	Top	-20.088	-29.9653	-1.4107	-0.2935	5.2155	51.0478
N+12.10	M10	C9-1	Top	-44.4957	18.3243	-1.8081	1.2767	6.9599	9.8325
N+12.10	M10	C9-2	Top	-44.4957	7.4623	-1.8081	1.2767	6.4372	9.8325
N+12.10	M10	C9-3	Top	-44.4957	18.3243	-2.0134	1.2767	6.9599	-5.7028
N+12.10	M10	C9-4	Top	-44.4957	7.4623	-2.0134	1.2767	6.4372	-5.7028
N+12.10	M10	C9-5	Top	-50.929	18.3243	-1.8081	0.7992	6.9599	9.8325
N+12.10	M10	C9-6	Top	-50.929	7.4623	-1.8081	0.7992	6.4372	9.8325
N+12.10	M10	C9-7	Top	-50.929	18.3243	-2.0134	0.7992	6.9599	-5.7028
N+12.10	M10	C9-8	Top	-50.929	7.4623	-2.0134	0.7992	6.4372	-5.7028
N+12.10	M10	C9-1-1	Top	-19.7573	-16.3721	-1.4519	0.4984	6.0992	56.0205
N+12.10	M10	C9-1-2	Top	-19.7573	-27.2341	-1.4519	0.4984	5.5765	56.0205
N+12.10	M10	C9-1-3	Top	-19.7573	-16.3721	-1.6571	0.4984	6.0992	40.4852
N+12.10	M10	C9-1-4	Top	-19.7573	-27.2341	-1.6571	0.4984	5.5765	40.4852
N+12.10	M10	C9-1-5	Top	-26.1906	-16.3721	-1.4519	0.0209	6.0992	56.0205
N+12.10	M10	C9-1-6	Top	-26.1906	-27.2341	-1.4519	0.0209	5.5765	56.0205
N+12.10	M10	C9-1-7	Top	-26.1906	-16.3721	-1.6571	0.0209	6.0992	40.4852
N+12.10	M10	C9-1-8	Top	-26.1906	-27.2341	-1.6571	0.0209	5.5765	40.4852
N+12.10	M10	C9-2-1	Top	-38.3931	10.2187	-1.6594	0.9624	6.5989	20.3951
N+12.10	M10	C9-2-2	Top	-38.3931	-0.6433	-1.6594	0.9624	6.0762	20.3951
N+12.10	M10	C9-2-3	Top	-38.3931	10.2187	-1.8647	0.9624	6.5989	4.8598
N+12.10	M10	C9-2-4	Top	-38.3931	-0.6433	-1.8647	0.9624	6.0762	4.8598
N+12.10	M10	C9-2-5	Top	-44.8264	10.2187	-1.6594	0.4848	6.5989	20.3951
N+12.10	M10	C9-2-6	Top	-44.8264	-0.6433	-1.6594	0.4848	6.0762	20.3951
N+12.10	M10	C9-2-7	Top	-44.8264	10.2187	-1.8647	0.4848	6.5989	4.8598
N+12.10	M10	C9-2-8	Top	-44.8264	-0.6433	-1.8647	0.4848	6.0762	4.8598
N+12.10	M10	C9-3-1	Top	-13.6547	-24.4777	-1.3031	0.1841	5.7382	66.5831
N+12.10	M10	C9-3-2	Top	-13.6547	-35.3397	-1.3031	0.1841	5.2155	66.5831
N+12.10	M10	C9-3-3	Top	-13.6547	-24.4777	-1.5084	0.1841	5.7382	51.0478
N+12.10	M10	C9-3-4	Top	-13.6547	-35.3397	-1.5084	0.1841	5.2155	51.0478
N+12.10	M10	C9-3-5	Top	-20.088	-24.4777	-1.3031	-0.2935	5.7382	66.5831
N+12.10	M10	C9-3-6	Top	-20.088	-35.3397	-1.3031	-0.2935	5.2155	66.5831
N+12.10	M10	C9-3-7	Top	-20.088	-24.4777	-1.5084	-0.2935	5.7382	51.0478
N+12.10	M10	C9-3-8	Top	-20.088	-35.3397	-1.5084	-0.2935	5.2155	51.0478
N+12.10	M10	C10-1	Top	-21.7768	-5.507	-1.1401	0.3385	4.0746	20.0791
N+12.10	M10	C11-1	Top	-19.4996	-5.0597	-1.0208	0.3044	3.6635	18.1265

N+10.43	M1	C1-1	Top	-13.5955	-10.6092	1.6426	-0.1392	-2.5465	20.6844
N+10.43	M1	C2-1	Top	-14.5724	-11.2122	1.7609	-0.1526	-2.7578	22.707
N+10.43	M1	C3-1	Top	-14.565	-11.145	1.7123	-0.1455	-2.7158	22.7261
N+10.43	M1	C4-1	Top	-13.1733	-10.1104	1.5251	-0.1268	-2.4255	20.3657
N+10.43	M1	C5-1	Top	-12.8355	-9.8844	1.4991	-0.1252	-2.3716	19.7799
N+10.43	M1	C6-1	Top	-13.9739	-10.7496	1.6668	-0.1426	-2.6214	21.7008
N+10.43	M1	C7-1	Top	-13.2983	-10.2977	1.6147	-0.1392	-2.5135	20.5292
N+10.43	M1	C8-1	Top	-11.4258	-12.5339	0.1803	0.2592	1.5022	25.6874
N+10.43	M1	C8-2	Top	-11.4258	-16.8995	0.1803	0.2592	-0.2233	25.6874
N+10.43	M1	C8-3	Top	-11.4258	-12.5339	-0.8944	0.2592	1.5022	21.3391
N+10.43	M1	C8-4	Top	-11.4258	-16.8995	-0.8944	0.2592	-0.2233	21.3391
N+10.43	M1	C8-5	Top	-11.8291	-12.5339	0.1803	0.1042	1.5022	25.6874
N+10.43	M1	C8-6	Top	-11.8291	-16.8995	0.1803	0.1042	-0.2233	25.6874
N+10.43	M1	C8-7	Top	-11.8291	-12.5339	-0.8944	0.1042	1.5022	21.3391
N+10.43	M1	C8-8	Top	-11.8291	-16.8995	-0.8944	0.1042	-0.2233	21.3391
N+10.43	M1	C8-1-1	Top	-13.9268	-3.2905	3.6284	-0.2695	-4.0123	18.6125
N+10.43	M1	C8-1-2	Top	-13.9268	-7.656	3.6284	-0.2695	-5.7378	18.6125
N+10.43	M1	C8-1-3	Top	-13.9268	-3.2905	2.5538	-0.2695	-4.0123	14.2642
N+10.43	M1	C8-1-4	Top	-13.9268	-7.656	2.5538	-0.2695	-5.7378	14.2642
N+10.43	M1	C8-1-5	Top	-14.3301	-3.2905	3.6284	-0.4245	-4.0123	18.6125
N+10.43	M1	C8-1-6	Top	-14.3301	-7.656	3.6284	-0.4245	-5.7378	18.6125
N+10.43	M1	C8-1-7	Top	-14.3301	-3.2905	2.5538	-0.4245	-4.0123	14.2642
N+10.43	M1	C8-1-8	Top	-14.3301	-7.656	2.5538	-0.4245	-5.7378	14.2642
N+10.43	M1	C8-2-1	Top	-12.0976	-12.8264	0.6626	0.1469	0.7378	26.5012
N+10.43	M1	C8-2-2	Top	-12.0976	-17.1919	0.6626	0.1469	-0.9878	26.5012
N+10.43	M1	C8-2-3	Top	-12.0976	-12.8264	-0.412	0.1469	0.7378	22.1529
N+10.43	M1	C8-2-4	Top	-12.0976	-17.1919	-0.412	0.1469	-0.9878	22.1529
N+10.43	M1	C8-2-5	Top	-12.501	-12.8264	0.6626	-0.0081	0.7378	26.5012
N+10.43	M1	C8-2-6	Top	-12.501	-17.1919	0.6626	-0.0081	-0.9878	26.5012
N+10.43	M1	C8-2-7	Top	-12.501	-12.8264	-0.412	-0.0081	0.7378	22.1529
N+10.43	M1	C8-2-8	Top	-12.501	-17.1919	-0.412	-0.0081	-0.9878	22.1529
N+10.43	M1	C8-3-1	Top	-14.5986	-3.583	4.1108	-0.3818	-4.7767	19.4263
N+10.43	M1	C8-3-2	Top	-14.5986	-7.9485	4.1108	-0.3818	-6.5022	19.4263
N+10.43	M1	C8-3-3	Top	-14.5986	-3.583	3.0361	-0.3818	-4.7767	15.078
N+10.43	M1	C8-3-4	Top	-14.5986	-7.9485	3.0361	-0.3818	-6.5022	15.078
N+10.43	M1	C8-3-5	Top	-15.002	-3.583	4.1108	-0.5368	-4.7767	19.4263
N+10.43	M1	C8-3-6	Top	-15.002	-7.9485	4.1108	-0.5368	-6.5022	19.4263

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N+10.43	M1	C8-3-7	Top	-15.002	-3.583	3.0361	-0.5368	-4.7767	15.078
N+10.43	M1	C8-3-8	Top	-15.002	-7.9485	3.0361	-0.5368	-6.5022	15.078
N+10.43	M1	C9-1	Top	-11.4258	-5.3811	1.4686	0.2592	1.5022	25.6874
N+10.43	M1	C9-2	Top	-11.4258	-16.8995	1.4686	0.2592	-2.2997	25.6874
N+10.43	M1	C9-3	Top	-11.4258	-5.3811	-0.8944	0.2592	1.5022	14.4878
N+10.43	M1	C9-4	Top	-11.4258	-16.8995	-0.8944	0.2592	-2.2997	14.4878
N+10.43	M1	C9-5	Top	-12.0122	-5.3811	1.4686	-0.0038	1.5022	25.6874
N+10.43	M1	C9-6	Top	-12.0122	-16.8995	1.4686	-0.0038	-2.2997	25.6874
N+10.43	M1	C9-7	Top	-12.0122	-5.3811	-0.8944	-0.0038	1.5022	14.4878
N+10.43	M1	C9-8	Top	-12.0122	-16.8995	-0.8944	-0.0038	-2.2997	14.4878
N+10.43	M1	C9-1-1	Top	-13.6652	-6.356	3.0763	-0.1152	-1.046	28.4001
N+10.43	M1	C9-1-2	Top	-13.6652	-17.8744	3.0763	-0.1152	-4.8479	28.4001
N+10.43	M1	C9-1-3	Top	-13.6652	-6.356	0.7134	-0.1152	-1.046	17.2005
N+10.43	M1	C9-1-4	Top	-13.6652	-17.8744	0.7134	-0.1152	-4.8479	17.2005
N+10.43	M1	C9-1-5	Top	-14.2517	-6.356	3.0763	-0.3782	-1.046	28.4001
N+10.43	M1	C9-1-6	Top	-14.2517	-17.8744	3.0763	-0.3782	-4.8479	28.4001
N+10.43	M1	C9-1-7	Top	-14.2517	-6.356	0.7134	-0.3782	-1.046	17.2005
N+10.43	M1	C9-1-8	Top	-14.2517	-17.8744	0.7134	-0.3782	-4.8479	17.2005
N+10.43	M1	C9-2-1	Top	-12.1761	-2.6081	2.503	0.1006	-0.1521	23.5649
N+10.43	M1	C9-2-2	Top	-12.1761	-14.1264	2.503	0.1006	-3.954	23.5649
N+10.43	M1	C9-2-3	Top	-12.1761	-2.6081	0.1401	0.1006	-0.1521	12.3653
N+10.43	M1	C9-2-4	Top	-12.1761	-14.1264	0.1401	0.1006	-3.954	12.3653
N+10.43	M1	C9-2-5	Top	-12.7625	-2.6081	2.503	-0.1624	-0.1521	23.5649
N+10.43	M1	C9-2-6	Top	-12.7625	-14.1264	2.503	-0.1624	-3.954	23.5649
N+10.43	M1	C9-2-7	Top	-12.7625	-2.6081	0.1401	-0.1624	-0.1521	12.3653
N+10.43	M1	C9-2-8	Top	-12.7625	-14.1264	0.1401	-0.1624	-3.954	12.3653
N+10.43	M1	C9-3-1	Top	-14.4155	-3.583	4.1108	-0.2738	-2.7004	26.2776
N+10.43	M1	C9-3-2	Top	-14.4155	-15.1013	4.1108	-0.2738	-6.5022	26.2776
N+10.43	M1	C9-3-3	Top	-14.4155	-3.583	1.7478	-0.2738	-2.7004	15.078
N+10.43	M1	C9-3-4	Top	-14.4155	-15.1013	1.7478	-0.2738	-6.5022	15.078
N+10.43	M1	C9-3-5	Top	-15.002	-3.583	4.1108	-0.5368	-2.7004	26.2776
N+10.43	M1	C9-3-6	Top	-15.002	-15.1013	4.1108	-0.5368	-6.5022	26.2776
N+10.43	M1	C9-3-7	Top	-15.002	-3.583	1.7478	-0.5368	-2.7004	15.078
N+10.43	M1	C9-3-8	Top	-15.002	-15.1013	1.7478	-0.5368	-6.5022	15.078
N+10.43	M1	C10-1	Top	-9.0778	-7.0462	1.082	-0.0911	-1.691	13.8829
N+10.43	M1	C11-1	Top	-8.4022	-6.5943	1.03	-0.0878	-1.5831	12.7112
N+10.43	M2	C1-1	Top	-14.1343	10.3212	0.2699	0.179	-0.4307	-19.2293

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N+10.43	M2	C2-1	Top	-14.9694	11.0838	0.2765	0.2062	-0.4044	-20.9268
N+10.43	M2	C3-1	Top	-15.0161	10.9401	0.2663	0.192	-0.41	-21.0001
N+10.43	M2	C4-1	Top	-13.6769	9.8187	0.2408	0.1612	-0.3955	-18.9148
N+10.43	M2	C5-1	Top	-13.3298	9.6027	0.2387	0.1595	-0.3896	-18.3743
N+10.43	M2	C6-1	Top	-14.4088	10.5622	0.2627	0.189	-0.3998	-20.0541
N+10.43	M2	C7-1	Top	-13.7147	10.1302	0.2584	0.1855	-0.3881	-18.9729
N+10.43	M2	C8-1	Top	-7.2961	4.608	-1.2599	1.3957	3.1605	-5.2942
N+10.43	M2	C8-2	Top	-7.2961	-3.7305	-1.2599	1.3957	2.0309	-5.2942
N+10.43	M2	C8-3	Top	-7.2961	4.608	-1.9717	1.3957	3.1605	-14.0251
N+10.43	M2	C8-4	Top	-7.2961	-3.7305	-1.9717	1.3957	2.0309	-14.0251
N+10.43	M2	C8-5	Top	-10.2475	4.608	-1.2599	0.7345	3.1605	-5.2942
N+10.43	M2	C8-6	Top	-10.2475	-3.7305	-1.2599	0.7345	2.0309	-5.2942
N+10.43	M2	C8-7	Top	-10.2475	4.608	-1.9717	0.7345	3.1605	-14.0251
N+10.43	M2	C8-8	Top	-10.2475	-3.7305	-1.9717	0.7345	2.0309	-14.0251
N+10.43	M2	C8-1-1	Top	-16.3003	23.9463	2.0072	-0.2349	-2.0376	-23.8182
N+10.43	M2	C8-1-2	Top	-16.3003	15.6078	2.0072	-0.2349	-3.1672	-23.8182
N+10.43	M2	C8-1-3	Top	-16.3003	23.9463	1.2953	-0.2349	-2.0376	-32.5491
N+10.43	M2	C8-1-4	Top	-16.3003	15.6078	1.2953	-0.2349	-3.1672	-32.5491
N+10.43	M2	C8-1-5	Top	-19.2517	23.9463	2.0072	-0.8962	-2.0376	-23.8182
N+10.43	M2	C8-1-6	Top	-19.2517	15.6078	2.0072	-0.8962	-3.1672	-23.8182
N+10.43	M2	C8-1-7	Top	-19.2517	23.9463	1.2953	-0.8962	-2.0376	-32.5491
N+10.43	M2	C8-1-8	Top	-19.2517	15.6078	1.2953	-0.8962	-3.1672	-32.5491
N+10.43	M2	C8-2-1	Top	-8.0041	4.5446	-0.7795	1.2664	2.3939	-5.1265
N+10.43	M2	C8-2-2	Top	-8.0041	-3.7939	-0.7795	1.2664	1.2643	-5.1265
N+10.43	M2	C8-2-3	Top	-8.0041	4.5446	-1.4914	1.2664	2.3939	-13.8574
N+10.43	M2	C8-2-4	Top	-8.0041	-3.7939	-1.4914	1.2664	1.2643	-13.8574
N+10.43	M2	C8-2-5	Top	-10.9555	4.5446	-0.7795	0.6051	2.3939	-5.1265
N+10.43	M2	C8-2-6	Top	-10.9555	-3.7939	-0.7795	0.6051	1.2643	-5.1265
N+10.43	M2	C8-2-7	Top	-10.9555	4.5446	-1.4914	0.6051	2.3939	-13.8574
N+10.43	M2	C8-2-8	Top	-10.9555	-3.7939	-1.4914	0.6051	1.2643	-13.8574
N+10.43	M2	C8-3-1	Top	-17.0083	23.8829	2.4876	-0.3643	-2.8042	-23.6505
N+10.43	M2	C8-3-2	Top	-17.0083	15.5444	2.4876	-0.3643	-3.9338	-23.6505
N+10.43	M2	C8-3-3	Top	-17.0083	23.8829	1.7757	-0.3643	-2.8042	-32.3814
N+10.43	M2	C8-3-4	Top	-17.0083	15.5444	1.7757	-0.3643	-3.9338	-32.3814
N+10.43	M2	C8-3-5	Top	-19.9597	23.8829	2.4876	-1.0256	-2.8042	-23.6505
N+10.43	M2	C8-3-6	Top	-19.9597	15.5444	2.4876	-1.0256	-3.9338	-23.6505
N+10.43	M2	C8-3-7	Top	-19.9597	23.8829	1.7757	-1.0256	-2.8042	-32.3814

N+10.43	M2	C8-3-8	Top	-19.9597	15.5444	1.7757	-1.0256	-3.9338	-32.3814
N+10.43	M2	C9-1	Top	-7.2961	18.2927	-0.0937	1.3957	3.1605	-5.2942
N+10.43	M2	C9-2	Top	-7.2961	-3.7305	-0.0937	1.3957	0.1809	-5.2942
N+10.43	M2	C9-3	Top	-7.2961	18.2927	-1.9717	1.3957	3.1605	-27.3833
N+10.43	M2	C9-4	Top	-7.2961	-3.7305	-1.9717	1.3957	0.1809	-27.3833
N+10.43	M2	C9-5	Top	-14.8984	18.2927	-0.0937	-0.1051	3.1605	-5.2942
N+10.43	M2	C9-6	Top	-14.8984	-3.7305	-0.0937	-0.1051	0.1809	-5.2942
N+10.43	M2	C9-7	Top	-14.8984	18.2927	-1.9717	-0.1051	3.1605	-27.3833
N+10.43	M2	C9-8	Top	-14.8984	-3.7305	-1.9717	-0.1051	0.1809	-27.3833
N+10.43	M2	C9-1-1	Top	-9.6562	18.0814	1.5074	0.9644	0.6053	-4.7351
N+10.43	M2	C9-1-2	Top	-9.6562	-3.9418	1.5074	0.9644	-2.3743	-4.7351
N+10.43	M2	C9-1-3	Top	-9.6562	18.0814	-0.3706	0.9644	0.6053	-26.8242
N+10.43	M2	C9-1-4	Top	-9.6562	-3.9418	-0.3706	0.9644	-2.3743	-26.8242
N+10.43	M2	C9-1-5	Top	-17.2585	18.0814	1.5074	-0.5364	0.6053	-4.7351
N+10.43	M2	C9-1-6	Top	-17.2585	-3.9418	1.5074	-0.5364	-2.3743	-4.7351
N+10.43	M2	C9-1-7	Top	-17.2585	18.0814	-0.3706	-0.5364	0.6053	-26.8242
N+10.43	M2	C9-1-8	Top	-17.2585	-3.9418	-0.3706	-0.5364	-2.3743	-26.8242
N+10.43	M2	C9-2-1	Top	-9.9974	24.0942	0.8864	0.9065	1.6011	-10.8514
N+10.43	M2	C9-2-2	Top	-9.9974	2.071	0.8864	0.9065	-1.3785	-10.8514
N+10.43	M2	C9-2-3	Top	-9.9974	24.0942	-0.9916	0.9065	1.6011	-32.9405
N+10.43	M2	C9-2-4	Top	-9.9974	2.071	-0.9916	0.9065	-1.3785	-32.9405
N+10.43	M2	C9-2-5	Top	-17.5997	24.0942	0.8864	-0.5943	1.6011	-10.8514
N+10.43	M2	C9-2-6	Top	-17.5997	2.071	0.8864	-0.5943	-1.3785	-10.8514
N+10.43	M2	C9-2-7	Top	-17.5997	24.0942	-0.9916	-0.5943	1.6011	-32.9405
N+10.43	M2	C9-2-8	Top	-17.5997	2.071	-0.9916	-0.5943	-1.3785	-32.9405
N+10.43	M2	C9-3-1	Top	-12.3574	23.8829	2.4876	0.4752	-0.9542	-10.2923
N+10.43	M2	C9-3-2	Top	-12.3574	1.8597	2.4876	0.4752	-3.9338	-10.2923
N+10.43	M2	C9-3-3	Top	-12.3574	23.8829	0.6096	0.4752	-0.9542	-32.3814
N+10.43	M2	C9-3-4	Top	-12.3574	1.8597	0.6096	0.4752	-3.9338	-32.3814
N+10.43	M2	C9-3-5	Top	-19.9597	23.8829	2.4876	-1.0256	-0.9542	-10.2923
N+10.43	M2	C9-3-6	Top	-19.9597	1.8597	2.4876	-1.0256	-3.9338	-10.2923
N+10.43	M2	C9-3-7	Top	-19.9597	23.8829	0.6096	-1.0256	-0.9542	-32.3814
N+10.43	M2	C9-3-8	Top	-19.9597	1.8597	0.6096	-1.0256	-3.9338	-32.3814
N+10.43	M2	C10-1	Top	-9.4334	6.8511	0.1756	0.1168	-0.2827	-12.9023
N+10.43	M2	C11-1	Top	-8.7393	6.4191	0.1714	0.1134	-0.271	-11.8211
N+10.43	M3	C1-1	Top	-82.2163	-6.0919	1.268	-5.7593	-1.2232	41.2048
N+10.43	M3	C2-1	Top	-89.9508	-7.4282	0.867	-5.9838	-0.9161	50.9829

N+10.43	M3	C3-1	Top	-89.8537	-7.7551	0.9726	-5.6718	-1.0029	50.1974
N+10.43	M3	C4-1	Top	-80.548	-6.8355	1.1192	-5.0493	-1.1004	42.4326
N+10.43	M3	C5-1	Top	-78.3087	-6.4768	1.112	-5.0243	-1.0889	40.8517
N+10.43	M3	C6-1	Top	-85.9349	-7.1275	0.96	-5.6279	-0.9827	47.4307
N+10.43	M3	C7-1	Top	-81.4562	-6.4102	0.9456	-5.5778	-0.9596	44.2688
N+10.43	M3	C8-1	Top	-90.4077	112.6394	3.6718	3.4573	-2.1139	60.3196
N+10.43	M3	C8-2	Top	-90.4077	79.0028	3.6718	3.4573	-4.8271	60.3196
N+10.43	M3	C8-3	Top	-90.4077	112.6394	1.5378	3.4573	-2.1139	45.3136
N+10.43	M3	C8-4	Top	-90.4077	79.0028	1.5378	3.4573	-4.8271	45.3136
N+10.43	M3	C8-5	Top	-106.7252	112.6394	3.6718	0.5919	-2.1139	60.3196
N+10.43	M3	C8-6	Top	-106.7252	79.0028	3.6718	0.5919	-4.8271	60.3196
N+10.43	M3	C8-7	Top	-106.7252	112.6394	1.5378	0.5919	-2.1139	45.3136
N+10.43	M3	C8-8	Top	-106.7252	79.0028	1.5378	0.5919	-4.8271	45.3136
N+10.43	M3	C8-1-1	Top	-53.261	-57.0739	2.615	-7.6902	-0.0925	36.3803
N+10.43	M3	C8-1-2	Top	-53.261	-90.7105	2.615	-7.6902	-2.8058	36.3803
N+10.43	M3	C8-1-3	Top	-53.261	-57.0739	0.481	-7.6902	-0.0925	21.3743
N+10.43	M3	C8-1-4	Top	-53.261	-90.7105	0.481	-7.6902	-2.8058	21.3743
N+10.43	M3	C8-1-5	Top	-69.5784	-57.0739	2.615	-10.5556	-0.0925	36.3803
N+10.43	M3	C8-1-6	Top	-69.5784	-90.7105	2.615	-10.5556	-2.8058	36.3803
N+10.43	M3	C8-1-7	Top	-69.5784	-57.0739	0.481	-10.5556	-0.0925	21.3743
N+10.43	M3	C8-1-8	Top	-69.5784	-90.7105	0.481	-10.5556	-2.8058	21.3743
N+10.43	M3	C8-2-1	Top	-92.2144	78.0694	1.4066	-0.5874	0.8924	66.3729
N+10.43	M3	C8-2-2	Top	-92.2144	44.4328	1.4066	-0.5874	-1.8208	66.3729
N+10.43	M3	C8-2-3	Top	-92.2144	78.0694	-0.7274	-0.5874	0.8924	51.3669
N+10.43	M3	C8-2-4	Top	-92.2144	44.4328	-0.7274	-0.5874	-1.8208	51.3669
N+10.43	M3	C8-2-5	Top	-108.5318	78.0694	1.4066	-3.4529	0.8924	66.3729
N+10.43	M3	C8-2-6	Top	-108.5318	44.4328	1.4066	-3.4529	-1.8208	66.3729
N+10.43	M3	C8-2-7	Top	-108.5318	78.0694	-0.7274	-3.4529	0.8924	51.3669
N+10.43	M3	C8-2-8	Top	-108.5318	44.4328	-0.7274	-3.4529	-1.8208	51.3669
N+10.43	M3	C8-3-1	Top	-55.0677	-91.6439	0.3498	-11.7349	2.9137	42.4336
N+10.43	M3	C8-3-2	Top	-55.0677	-125.2805	0.3498	-11.7349	0.2005	42.4336
N+10.43	M3	C8-3-3	Top	-55.0677	-91.6439	-1.7842	-11.7349	2.9137	27.4276
N+10.43	M3	C8-3-4	Top	-55.0677	-125.2805	-1.7842	-11.7349	0.2005	27.4276
N+10.43	M3	C8-3-5	Top	-71.3851	-91.6439	0.3498	-14.6003	2.9137	42.4336
N+10.43	M3	C8-3-6	Top	-71.3851	-125.2805	0.3498	-14.6003	0.2005	42.4336
N+10.43	M3	C8-3-7	Top	-71.3851	-91.6439	-1.7842	-14.6003	2.9137	27.4276
N+10.43	M3	C8-3-8	Top	-71.3851	-125.2805	-1.7842	-14.6003	0.2005	27.4276

N+10.43	M3	C9-1	Top	-60.1894	112.6394	8.2175	5.0918	-2.1139	60.3196
N+10.43	M3	C9-2	Top	-60.1894	40.8669	8.2175	5.0918	-10.4269	60.3196
N+10.43	M3	C9-3	Top	-60.1894	112.6394	1.5378	5.0918	-2.1139	14.4316
N+10.43	M3	C9-4	Top	-60.1894	40.8669	1.5378	5.0918	-10.4269	14.4316
N+10.43	M3	C9-5	Top	-106.7252	112.6394	8.2175	0.5919	-2.1139	60.3196
N+10.43	M3	C9-6	Top	-106.7252	40.8669	8.2175	0.5919	-10.4269	60.3196
N+10.43	M3	C9-7	Top	-106.7252	112.6394	1.5378	0.5919	-2.1139	14.4316
N+10.43	M3	C9-8	Top	-106.7252	40.8669	1.5378	0.5919	-10.4269	14.4316
N+10.43	M3	C9-1-1	Top	-66.2117	-2.594	0.6668	-8.3906	7.9071	80.4974
N+10.43	M3	C9-1-2	Top	-66.2117	-74.3665	0.6668	-8.3906	-0.4059	80.4974
N+10.43	M3	C9-1-3	Top	-66.2117	-2.594	-6.0129	-8.3906	7.9071	34.6094
N+10.43	M3	C9-1-4	Top	-66.2117	-74.3665	-6.0129	-8.3906	-0.4059	34.6094
N+10.43	M3	C9-1-5	Top	-112.7475	-2.594	0.6668	-12.8906	7.9071	80.4974
N+10.43	M3	C9-1-6	Top	-112.7475	-74.3665	0.6668	-12.8906	-0.4059	80.4974
N+10.43	M3	C9-1-7	Top	-112.7475	-2.594	-6.0129	-12.8906	7.9071	34.6094
N+10.43	M3	C9-1-8	Top	-112.7475	-74.3665	-6.0129	-12.8906	-0.4059	34.6094
N+10.43	M3	C9-2-1	Top	-49.0454	61.7254	7.9005	1.7476	-1.5075	53.1378
N+10.43	M3	C9-2-2	Top	-49.0454	-10.0471	7.9005	1.7476	-9.8205	53.1378
N+10.43	M3	C9-2-3	Top	-49.0454	61.7254	1.2208	1.7476	-1.5075	7.2498
N+10.43	M3	C9-2-4	Top	-49.0454	-10.0471	1.2208	1.7476	-9.8205	7.2498
N+10.43	M3	C9-2-5	Top	-95.5811	61.7254	7.9005	-2.7524	-1.5075	53.1378
N+10.43	M3	C9-2-6	Top	-95.5811	-10.0471	7.9005	-2.7524	-9.8205	53.1378
N+10.43	M3	C9-2-7	Top	-95.5811	61.7254	1.2208	-2.7524	-1.5075	7.2498
N+10.43	M3	C9-2-8	Top	-95.5811	-10.0471	1.2208	-2.7524	-9.8205	7.2498
N+10.43	M3	C9-3-1	Top	-55.0677	-53.508	0.3498	-11.7349	8.5135	73.3156
N+10.43	M3	C9-3-2	Top	-55.0677	-125.2805	0.3498	-11.7349	0.2005	73.3156
N+10.43	M3	C9-3-3	Top	-55.0677	-53.508	-6.3299	-11.7349	8.5135	27.4276
N+10.43	M3	C9-3-4	Top	-55.0677	-125.2805	-6.3299	-11.7349	0.2005	27.4276
N+10.43	M3	C9-3-5	Top	-101.6034	-53.508	0.3498	-16.2348	8.5135	73.3156
N+10.43	M3	C9-3-6	Top	-101.6034	-125.2805	0.3498	-16.2348	0.2005	73.3156
N+10.43	M3	C9-3-7	Top	-101.6034	-53.508	-6.3299	-16.2348	8.5135	27.4276
N+10.43	M3	C9-3-8	Top	-101.6034	-125.2805	-6.3299	-16.2348	0.2005	27.4276
N+10.43	M3	C10-1	Top	-55.0926	-4.2749	0.8223	-3.7275	-0.7979	28.0697
N+10.43	M3	C11-1	Top	-50.614	-3.5576	0.8079	-3.6774	-0.7748	24.9078
N+10.43	M4	C1-1	Top	-6.9196	0.4905	0.0037	0.0033	-0.0073	-0.3302
N+10.43	M4	C2-1	Top	-7.3257	0.6743	0.0037	0.0039	-0.0073	-0.5198
N+10.43	M4	C3-1	Top	-7.3004	0.5892	0.0039	0.0038	-0.0077	-0.3998

N+10.43	M4	C4-1	Top	-6.6269	0.4346	0.0037	0.0033	-0.0072	-0.2394
N+10.43	M4	C5-1	Top	-6.4723	0.4314	0.0036	0.0032	-0.007	-0.2491
N+10.43	M4	C6-1	Top	-7.0298	0.5837	0.0037	0.0037	-0.0073	-0.4168
N+10.43	M4	C7-1	Top	-6.7206	0.5774	0.0034	0.0035	-0.0068	-0.4362
N+10.43	M4	C8-1	Top	-1.3849	5.6478	0.0138	0.1989	-0.0221	-2.9487
N+10.43	M4	C8-2	Top	-1.3849	3.297	0.0138	0.1989	-0.0262	-2.9487
N+10.43	M4	C8-3	Top	-1.3849	5.6478	0.004	0.1989	-0.0221	-5.8726
N+10.43	M4	C8-4	Top	-1.3849	3.297	0.004	0.1989	-0.0262	-5.8726
N+10.43	M4	C8-5	Top	-6.0261	5.6478	0.0138	0.1246	-0.0221	-2.9487
N+10.43	M4	C8-6	Top	-6.0261	3.297	0.0138	0.1246	-0.0262	-2.9487
N+10.43	M4	C8-7	Top	-6.0261	5.6478	0.004	0.1246	-0.0221	-5.8726
N+10.43	M4	C8-8	Top	-6.0261	3.297	0.004	0.1246	-0.0262	-5.8726
N+10.43	M4	C8-1-1	Top	-8.9876	-1.3096	0.0122	-0.059	0.0054	4.1334
N+10.43	M4	C8-1-2	Top	-8.9876	-3.6604	0.0122	-0.059	0.0013	4.1334
N+10.43	M4	C8-1-3	Top	-8.9876	-1.3096	0.0023	-0.059	0.0054	1.2094
N+10.43	M4	C8-1-4	Top	-8.9876	-3.6604	0.0023	-0.059	0.0013	1.2094
N+10.43	M4	C8-1-5	Top	-13.6289	-1.3096	0.0122	-0.1334	0.0054	4.1334
N+10.43	M4	C8-1-6	Top	-13.6289	-3.6604	0.0122	-0.1334	0.0013	4.1334
N+10.43	M4	C8-1-7	Top	-13.6289	-1.3096	0.0023	-0.1334	0.0054	1.2094
N+10.43	M4	C8-1-8	Top	-13.6289	-3.6604	0.0023	-0.1334	0.0013	1.2094
N+10.43	M4	C8-2-1	Top	0.265	4.8136	0.0044	0.1403	-0.0148	-2.0867
N+10.43	M4	C8-2-2	Top	0.265	2.4629	0.0044	0.1403	-0.0189	-2.0867
N+10.43	M4	C8-2-3	Top	0.265	4.8136	-0.0054	0.1403	-0.0148	-5.0106
N+10.43	M4	C8-2-4	Top	0.265	2.4629	-0.0054	0.1403	-0.0189	-5.0106
N+10.43	M4	C8-2-5	Top	-4.3763	4.8136	0.0044	0.0659	-0.0148	-2.0867
N+10.43	M4	C8-2-6	Top	-4.3763	2.4629	0.0044	0.0659	-0.0189	-2.0867
N+10.43	M4	C8-2-7	Top	-4.3763	4.8136	-0.0054	0.0659	-0.0148	-5.0106
N+10.43	M4	C8-2-8	Top	-4.3763	2.4629	-0.0054	0.0659	-0.0189	-5.0106
N+10.43	M4	C8-3-1	Top	-7.3377	-2.1438	0.0028	-0.1177	0.0127	4.9954
N+10.43	M4	C8-3-2	Top	-7.3377	-4.4945	0.0028	-0.1177	0.0086	4.9954
N+10.43	M4	C8-3-3	Top	-7.3377	-2.1438	-0.0071	-0.1177	0.0127	2.0714
N+10.43	M4	C8-3-4	Top	-7.3377	-4.4945	-0.0071	-0.1177	0.0086	2.0714
N+10.43	M4	C8-3-5	Top	-11.979	-2.1438	0.0028	-0.1921	0.0127	4.9954
N+10.43	M4	C8-3-6	Top	-11.979	-4.4945	0.0028	-0.1921	0.0086	4.9954
N+10.43	M4	C8-3-7	Top	-11.979	-2.1438	-0.0071	-0.1921	0.0127	2.0714
N+10.43	M4	C8-3-8	Top	-11.979	-4.4945	-0.0071	-0.1921	0.0086	2.0714
N+10.43	M4	C9-1	Top	-1.3849	5.6478	0.0347	0.1989	-0.0199	-0.0026

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N+10.43	M4	C9-2	Top	-1.3849	0.3731	0.0347	0.1989	-0.0262	-0.0026
N+10.43	M4	C9-3	Top	-1.3849	5.6478	0.004	0.1989	-0.0199	-5.8726
N+10.43	M4	C9-4	Top	-1.3849	0.3731	0.004	0.1989	-0.0262	-5.8726
N+10.43	M4	C9-5	Top	-15.1977	5.6478	0.0347	0.0809	-0.0199	-0.0026
N+10.43	M4	C9-6	Top	-15.1977	0.3731	0.0347	0.0809	-0.0262	-0.0026
N+10.43	M4	C9-7	Top	-15.1977	5.6478	0.004	0.0809	-0.0199	-5.8726
N+10.43	M4	C9-8	Top	-15.1977	0.3731	0.004	0.0809	-0.0262	-5.8726
N+10.43	M4	C9-1-1	Top	4.1147	2.8674	0.0033	0.0034	0.0045	2.8708
N+10.43	M4	C9-1-2	Top	4.1147	-2.4073	0.0033	0.0034	-0.0019	2.8708
N+10.43	M4	C9-1-3	Top	4.1147	2.8674	-0.0274	0.0034	0.0045	-2.9993
N+10.43	M4	C9-1-4	Top	4.1147	-2.4073	-0.0274	0.0034	-0.0019	-2.9993
N+10.43	M4	C9-1-5	Top	-9.6982	2.8674	0.0033	-0.1147	0.0045	2.8708
N+10.43	M4	C9-1-6	Top	-9.6982	-2.4073	0.0033	-0.1147	-0.0019	2.8708
N+10.43	M4	C9-1-7	Top	-9.6982	2.8674	-0.0274	-0.1147	0.0045	-2.9993
N+10.43	M4	C9-1-8	Top	-9.6982	-2.4073	-0.0274	-0.1147	-0.0019	-2.9993
N+10.43	M4	C9-2-1	Top	-3.6657	3.5605	0.0342	0.1215	-0.0116	2.122
N+10.43	M4	C9-2-2	Top	-3.6657	-1.7141	0.0342	0.1215	-0.018	2.122
N+10.43	M4	C9-2-3	Top	-3.6657	3.5605	0.0035	0.1215	-0.0116	-3.748
N+10.43	M4	C9-2-4	Top	-3.6657	-1.7141	0.0035	0.1215	-0.018	-3.748
N+10.43	M4	C9-2-5	Top	-17.4785	3.5605	0.0342	0.0035	-0.0116	2.122
N+10.43	M4	C9-2-6	Top	-17.4785	-1.7141	0.0342	0.0035	-0.018	2.122
N+10.43	M4	C9-2-7	Top	-17.4785	3.5605	0.0035	0.0035	-0.0116	-3.748
N+10.43	M4	C9-2-8	Top	-17.4785	-1.7141	0.0035	0.0035	-0.018	-3.748
N+10.43	M4	C9-3-1	Top	1.8339	0.7801	0.0028	-0.074	0.0127	4.9954
N+10.43	M4	C9-3-2	Top	1.8339	-4.4945	0.0028	-0.074	0.0064	4.9954
N+10.43	M4	C9-3-3	Top	1.8339	0.7801	-0.0279	-0.074	0.0127	-0.8747
N+10.43	M4	C9-3-4	Top	1.8339	-4.4945	-0.0279	-0.074	0.0064	-0.8747
N+10.43	M4	C9-3-5	Top	-11.979	0.7801	0.0028	-0.1921	0.0127	4.9954
N+10.43	M4	C9-3-6	Top	-11.979	-4.4945	0.0028	-0.1921	0.0064	4.9954
N+10.43	M4	C9-3-7	Top	-11.979	0.7801	-0.0279	-0.1921	0.0127	-0.8747
N+10.43	M4	C9-3-8	Top	-11.979	-4.4945	-0.0279	-0.1921	0.0064	-0.8747
N+10.43	M4	C10-1	Top	-4.603	0.3185	0.0025	0.0022	-0.0049	-0.2026
N+10.43	M4	C11-1	Top	-4.2937	0.3121	0.0022	0.002	-0.0044	-0.222
N+10.43	M5	C1-1	Top	-11.0622	2.7429	-0.4272	0.1744	0.6012	-4.9869
N+10.43	M5	C2-1	Top	-11.258	3.1843	-0.5479	0.2203	0.7164	-5.6278
N+10.43	M5	C3-1	Top	-11.4131	3.0994	-0.4949	0.2016	0.6695	-5.5533
N+10.43	M5	C4-1	Top	-10.6298	2.6693	-0.3873	0.1605	0.5552	-4.8797

N+10.43	M5	C5-1	Top	-10.3747	2.5986	-0.3826	0.1581	0.5463	-4.7452
N+10.43	M5	C6-1	Top	-10.9667	2.9757	-0.4867	0.1973	0.654	-5.3179
N+10.43	M5	C7-1	Top	-10.4565	2.8342	-0.4772	0.1925	0.6363	-5.0489
N+10.43	M5	C8-1	Top	-5.2526	5.4688	-0.6656	1.0098	1.2189	-8.0519
N+10.43	M5	C8-2	Top	-5.2526	2.6482	-0.6656	1.0098	0.8491	-8.0519
N+10.43	M5	C8-3	Top	-5.2526	5.4688	-0.9134	1.0098	1.2189	-9.7654
N+10.43	M5	C8-4	Top	-5.2526	2.6482	-0.9134	1.0098	0.8491	-9.7654
N+10.43	M5	C8-5	Top	-6.4778	5.4688	-0.6656	0.7708	1.2189	-8.0519
N+10.43	M5	C8-6	Top	-6.4778	2.6482	-0.6656	0.7708	0.8491	-8.0519
N+10.43	M5	C8-7	Top	-6.4778	5.4688	-0.9134	0.7708	1.2189	-9.7654
N+10.43	M5	C8-8	Top	-6.4778	2.6482	-0.9134	0.7708	0.8491	-9.7654
N+10.43	M5	C8-1-1	Top	-13.0812	5.2294	-0.3594	-0.0444	0.8651	-2.9242
N+10.43	M5	C8-1-2	Top	-13.0812	2.4087	-0.3594	-0.0444	0.4953	-2.9242
N+10.43	M5	C8-1-3	Top	-13.0812	5.2294	-0.6073	-0.0444	0.8651	-4.6377
N+10.43	M5	C8-1-4	Top	-13.0812	2.4087	-0.6073	-0.0444	0.4953	-4.6377
N+10.43	M5	C8-1-5	Top	-14.3064	5.2294	-0.3594	-0.2834	0.8651	-2.9242
N+10.43	M5	C8-1-6	Top	-14.3064	2.4087	-0.3594	-0.2834	0.4953	-2.9242
N+10.43	M5	C8-1-7	Top	-14.3064	5.2294	-0.6073	-0.2834	0.8651	-4.6377
N+10.43	M5	C8-1-8	Top	-14.3064	2.4087	-0.6073	-0.2834	0.4953	-4.6377
N+10.43	M5	C8-2-1	Top	-6.479	3.2244	-0.3449	0.6671	0.7728	-5.3928
N+10.43	M5	C8-2-2	Top	-6.479	0.4038	-0.3449	0.6671	0.403	-5.3928
N+10.43	M5	C8-2-3	Top	-6.479	3.2244	-0.5927	0.6671	0.7728	-7.1063
N+10.43	M5	C8-2-4	Top	-6.479	0.4038	-0.5927	0.6671	0.403	-7.1063
N+10.43	M5	C8-2-5	Top	-7.7042	3.2244	-0.3449	0.4281	0.7728	-5.3928
N+10.43	M5	C8-2-6	Top	-7.7042	0.4038	-0.3449	0.4281	0.403	-5.3928
N+10.43	M5	C8-2-7	Top	-7.7042	3.2244	-0.5927	0.4281	0.7728	-7.1063
N+10.43	M5	C8-2-8	Top	-7.7042	0.4038	-0.5927	0.4281	0.403	-7.1063
N+10.43	M5	C8-3-1	Top	-14.3076	2.985	-0.0387	-0.3872	0.419	-0.2651
N+10.43	M5	C8-3-2	Top	-14.3076	0.1643	-0.0387	-0.3872	0.0492	-0.2651
N+10.43	M5	C8-3-3	Top	-14.3076	2.985	-0.2865	-0.3872	0.419	-1.9786
N+10.43	M5	C8-3-4	Top	-14.3076	0.1643	-0.2865	-0.3872	0.0492	-1.9786
N+10.43	M5	C8-3-5	Top	-15.5328	2.985	-0.0387	-0.6262	0.419	-0.2651
N+10.43	M5	C8-3-6	Top	-15.5328	0.1643	-0.0387	-0.6262	0.0492	-0.2651
N+10.43	M5	C8-3-7	Top	-15.5328	2.985	-0.2865	-0.6262	0.419	-1.9786
N+10.43	M5	C8-3-8	Top	-15.5328	0.1643	-0.2865	-0.6262	0.0492	-1.9786
N+10.43	M5	C9-1	Top	-5.2526	10.5382	-0.6656	1.0716	2.012	-8.0519
N+10.43	M5	C9-2	Top	-5.2526	2.6482	-0.6656	1.0716	0.8491	-8.0519

N+10.43	M5	C9-3	Top	-5.2526	10.5382	-1.4475	1.0716	2.012	-12.3806
N+10.43	M5	C9-4	Top	-5.2526	2.6482	-1.4475	1.0716	0.8491	-12.3806
N+10.43	M5	C9-5	Top	-9.0962	10.5382	-0.6656	0.7708	2.012	-8.0519
N+10.43	M5	C9-6	Top	-9.0962	2.6482	-0.6656	0.7708	0.8491	-8.0519
N+10.43	M5	C9-7	Top	-9.0962	10.5382	-1.4475	0.7708	2.012	-12.3806
N+10.43	M5	C9-8	Top	-9.0962	2.6482	-1.4475	0.7708	0.8491	-12.3806
N+10.43	M5	C9-1-1	Top	-9.3407	3.0568	0.4035	-0.0709	0.5252	0.8118
N+10.43	M5	C9-1-2	Top	-9.3407	-4.8332	0.4035	-0.0709	-0.6378	0.8118
N+10.43	M5	C9-1-3	Top	-9.3407	3.0568	-0.3784	-0.0709	0.5252	-3.5169
N+10.43	M5	C9-1-4	Top	-9.3407	-4.8332	-0.3784	-0.0709	-0.6378	-3.5169
N+10.43	M5	C9-1-5	Top	-13.1842	3.0568	0.4035	-0.3716	0.5252	0.8118
N+10.43	M5	C9-1-6	Top	-13.1842	-4.8332	0.4035	-0.3716	-0.6378	0.8118
N+10.43	M5	C9-1-7	Top	-13.1842	3.0568	-0.3784	-0.3716	0.5252	-3.5169
N+10.43	M5	C9-1-8	Top	-13.1842	-4.8332	-0.3784	-0.3716	-0.6378	-3.5169
N+10.43	M5	C9-2-1	Top	-7.6012	10.4663	-0.5738	0.7553	1.9059	-6.5136
N+10.43	M5	C9-2-2	Top	-7.6012	2.5763	-0.5738	0.7553	0.7429	-6.5136
N+10.43	M5	C9-2-3	Top	-7.6012	10.4663	-1.3556	0.7553	1.9059	-10.8423
N+10.43	M5	C9-2-4	Top	-7.6012	2.5763	-1.3556	0.7553	0.7429	-10.8423
N+10.43	M5	C9-2-5	Top	-11.4447	10.4663	-0.5738	0.4546	1.9059	-6.5136
N+10.43	M5	C9-2-6	Top	-11.4447	2.5763	-0.5738	0.4546	0.7429	-6.5136
N+10.43	M5	C9-2-7	Top	-11.4447	10.4663	-1.3556	0.4546	1.9059	-10.8423
N+10.43	M5	C9-2-8	Top	-11.4447	2.5763	-1.3556	0.4546	0.7429	-10.8423
N+10.43	M5	C9-3-1	Top	-11.6892	2.985	0.4954	-0.3872	0.419	2.3502
N+10.43	M5	C9-3-2	Top	-11.6892	-4.9051	0.4954	-0.3872	-0.7439	2.3502
N+10.43	M5	C9-3-3	Top	-11.6892	2.985	-0.2865	-0.3872	0.419	-1.9786
N+10.43	M5	C9-3-4	Top	-11.6892	-4.9051	-0.2865	-0.3872	-0.7439	-1.9786
N+10.43	M5	C9-3-5	Top	-15.5328	2.985	0.4954	-0.6879	0.419	2.3502
N+10.43	M5	C9-3-6	Top	-15.5328	-4.9051	0.4954	-0.6879	-0.7439	2.3502
N+10.43	M5	C9-3-7	Top	-15.5328	2.985	-0.2865	-0.6879	0.419	-1.9786
N+10.43	M5	C9-3-8	Top	-15.5328	-4.9051	-0.2865	-0.6879	-0.7439	-1.9786
N+10.43	M5	C10-1	Top	-7.3665	1.834	-0.2793	0.1146	0.3954	-3.3403
N+10.43	M5	C11-1	Top	-6.8563	1.6926	-0.2699	0.1097	0.3776	-3.0713
N+10.43	M6	C1-1	Top	-10.9174	-0.4201	0.1264	-0.0295	-0.1458	0.7107
N+10.43	M6	C2-1	Top	-11.6483	-0.7046	0.1716	-0.0421	-0.1807	1.1808
N+10.43	M6	C3-1	Top	-11.5606	-0.6018	0.1483	-0.0343	-0.162	1.0377
N+10.43	M6	C4-1	Top	-10.436	-0.397	0.1089	-0.0232	-0.1281	0.7089
N+10.43	M6	C5-1	Top	-10.1964	-0.3888	0.1088	-0.0237	-0.1274	0.6867

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N+10.43	M6	C6-1	Top	-11.1413	-0.5875	0.1481	-0.0351	-0.1608	0.999
N+10.43	M6	C7-1	Top	-10.6621	-0.571	0.1478	-0.036	-0.1594	0.9547
N+10.43	M6	C8-1	Top	-14.1756	1.6061	-0.3954	0.961	0.8853	0.6117
N+10.43	M6	C8-2	Top	-14.1756	-1.5485	-0.3954	0.961	0.5869	0.6117
N+10.43	M6	C8-3	Top	-14.1756	1.6061	-0.6178	0.961	0.8853	-2.2471
N+10.43	M6	C8-4	Top	-14.1756	-1.5485	-0.6178	0.961	0.5869	-2.2471
N+10.43	M6	C8-5	Top	-17.7973	1.6061	-0.3954	0.597	0.8853	0.6117
N+10.43	M6	C8-6	Top	-17.7973	-1.5485	-0.3954	0.597	0.5869	0.6117
N+10.43	M6	C8-7	Top	-17.7973	1.6061	-0.6178	0.597	0.8853	-2.2471
N+10.43	M6	C8-8	Top	-17.7973	-1.5485	-0.6178	0.597	0.5869	-2.2471
N+10.43	M6	C8-1-1	Top	-3.3192	2.4466	0.6649	-0.3623	-0.5571	2.279
N+10.43	M6	C8-1-2	Top	-3.3192	-0.7081	0.6649	-0.3623	-0.8555	2.279
N+10.43	M6	C8-1-3	Top	-3.3192	2.4466	0.4426	-0.3623	-0.5571	-0.5797
N+10.43	M6	C8-1-4	Top	-3.3192	-0.7081	0.4426	-0.3623	-0.8555	-0.5797
N+10.43	M6	C8-1-5	Top	-6.9409	2.4466	0.6649	-0.7263	-0.5571	2.279
N+10.43	M6	C8-1-6	Top	-6.9409	-0.7081	0.6649	-0.7263	-0.8555	2.279
N+10.43	M6	C8-1-7	Top	-6.9409	2.4466	0.4426	-0.7263	-0.5571	-0.5797
N+10.43	M6	C8-1-8	Top	-6.9409	-0.7081	0.4426	-0.7263	-0.8555	-0.5797
N+10.43	M6	C8-2-1	Top	-14.2635	-0.4299	-0.1469	0.6541	0.5369	2.478
N+10.43	M6	C8-2-2	Top	-14.2635	-3.5846	-0.1469	0.6541	0.2386	2.478
N+10.43	M6	C8-2-3	Top	-14.2635	-0.4299	-0.3693	0.6541	0.5369	-0.3808
N+10.43	M6	C8-2-4	Top	-14.2635	-3.5846	-0.3693	0.6541	0.2386	-0.3808
N+10.43	M6	C8-2-5	Top	-17.8852	-0.4299	-0.1469	0.2901	0.5369	2.478
N+10.43	M6	C8-2-6	Top	-17.8852	-3.5846	-0.1469	0.2901	0.2386	2.478
N+10.43	M6	C8-2-7	Top	-17.8852	-0.4299	-0.3693	0.2901	0.5369	-0.3808
N+10.43	M6	C8-2-8	Top	-17.8852	-3.5846	-0.3693	0.2901	0.2386	-0.3808
N+10.43	M6	C8-3-1	Top	-3.4071	0.4105	0.9134	-0.6693	-0.9054	4.1453
N+10.43	M6	C8-3-2	Top	-3.4071	-2.7441	0.9134	-0.6693	-1.2038	4.1453
N+10.43	M6	C8-3-3	Top	-3.4071	0.4105	0.691	-0.6693	-0.9054	1.2866
N+10.43	M6	C8-3-4	Top	-3.4071	-2.7441	0.691	-0.6693	-1.2038	1.2866
N+10.43	M6	C8-3-5	Top	-7.0288	0.4105	0.9134	-1.0332	-0.9054	4.1453
N+10.43	M6	C8-3-6	Top	-7.0288	-2.7441	0.9134	-1.0332	-1.2038	4.1453
N+10.43	M6	C8-3-7	Top	-7.0288	0.4105	0.691	-1.0332	-0.9054	1.2866
N+10.43	M6	C8-3-8	Top	-7.0288	-2.7441	0.691	-1.0332	-1.2038	1.2866
N+10.43	M6	C9-1	Top	-6.371	6.9451	-0.2329	0.961	0.8853	0.6117
N+10.43	M6	C9-2	Top	-6.371	-1.5485	-0.2329	0.961	0.3899	0.6117
N+10.43	M6	C9-3	Top	-6.371	6.9451	-0.6178	0.961	0.8853	-5.4347

N+10.43	M6	C9-4	Top	-6.371	-1.5485	-0.6178	0.961	0.3899	-5.4347
N+10.43	M6	C9-5	Top	-17.7973	6.9451	-0.2329	0.3868	0.8853	0.6117
N+10.43	M6	C9-6	Top	-17.7973	-1.5485	-0.2329	0.3868	0.3899	0.6117
N+10.43	M6	C9-7	Top	-17.7973	6.9451	-0.6178	0.3868	0.8853	-5.4347
N+10.43	M6	C9-8	Top	-17.7973	-1.5485	-0.6178	0.3868	0.3899	-5.4347
N+10.43	M6	C9-1-1	Top	-6.664	0.1584	0.5953	-0.0621	-0.2758	6.8327
N+10.43	M6	C9-1-2	Top	-6.664	-8.3353	0.5953	-0.0621	-0.7711	6.8327
N+10.43	M6	C9-1-3	Top	-6.664	0.1584	0.2104	-0.0621	-0.2758	0.7864
N+10.43	M6	C9-1-4	Top	-6.664	-8.3353	0.2104	-0.0621	-0.7711	0.7864
N+10.43	M6	C9-1-5	Top	-18.0903	0.1584	0.5953	-0.6362	-0.2758	6.8327
N+10.43	M6	C9-1-6	Top	-18.0903	-8.3353	0.5953	-0.6362	-0.7711	6.8327
N+10.43	M6	C9-1-7	Top	-18.0903	0.1584	0.2104	-0.6362	-0.2758	0.7864
N+10.43	M6	C9-1-8	Top	-18.0903	-8.3353	0.2104	-0.6362	-0.7711	0.7864
N+10.43	M6	C9-2-1	Top	-3.1141	7.1973	0.0852	0.564	0.4526	1.1119
N+10.43	M6	C9-2-2	Top	-3.1141	-1.2964	0.0852	0.564	-0.0428	1.1119
N+10.43	M6	C9-2-3	Top	-3.1141	7.1973	-0.2997	0.564	0.4526	-4.9345
N+10.43	M6	C9-2-4	Top	-3.1141	-1.2964	-0.2997	0.564	-0.0428	-4.9345
N+10.43	M6	C9-2-5	Top	-14.5404	7.1973	0.0852	-0.0102	0.4526	1.1119
N+10.43	M6	C9-2-6	Top	-14.5404	-1.2964	0.0852	-0.0102	-0.0428	1.1119
N+10.43	M6	C9-2-7	Top	-14.5404	7.1973	-0.2997	-0.0102	0.4526	-4.9345
N+10.43	M6	C9-2-8	Top	-14.5404	-1.2964	-0.2997	-0.0102	-0.0428	-4.9345
N+10.43	M6	C9-3-1	Top	-3.4071	0.4105	0.9134	-0.4591	-0.7085	7.3329
N+10.43	M6	C9-3-2	Top	-3.4071	-8.0831	0.9134	-0.4591	-1.2038	7.3329
N+10.43	M6	C9-3-3	Top	-3.4071	0.4105	0.5285	-0.4591	-0.7085	1.2866
N+10.43	M6	C9-3-4	Top	-3.4071	-8.0831	0.5285	-0.4591	-1.2038	1.2866
N+10.43	M6	C9-3-5	Top	-14.8334	0.4105	0.9134	-1.0332	-0.7085	7.3329
N+10.43	M6	C9-3-6	Top	-14.8334	-8.0831	0.9134	-1.0332	-1.2038	7.3329
N+10.43	M6	C9-3-7	Top	-14.8334	0.4105	0.5285	-1.0332	-0.7085	1.2866
N+10.43	M6	C9-3-8	Top	-14.8334	-8.0831	0.5285	-1.0332	-1.2038	1.2866
N+10.43	M6	C10-1	Top	-7.2579	-0.2783	0.0814	-0.0185	-0.0944	0.479
N+10.43	M6	C11-1	Top	-6.7787	-0.2619	0.0812	-0.0194	-0.0931	0.4347
N+10.43	M7	C1-1	Top	-24.148	-7.6939	0.1111	-0.1284	-0.2217	17.1688
N+10.43	M7	C2-1	Top	-24.0179	-9.1166	0.1381	-0.1363	-0.25	20.6402
N+10.43	M7	C3-1	Top	-23.6487	-8.5413	0.1246	-0.1457	-0.2401	19.4403
N+10.43	M7	C4-1	Top	-21.9225	-7.1126	0.0989	-0.137	-0.2076	16.1445
N+10.43	M7	C5-1	Top	-21.6505	-6.9975	0.0981	-0.131	-0.2037	15.8271
N+10.43	M7	C6-1	Top	-23.1726	-8.3399	0.1232	-0.1352	-0.2333	18.8848

N+10.43	M7	C7-1	Top	-22.6285	-8.1098	0.1216	-0.1232	-0.2255	18.25
N+10.43	M7	C8-1	Top	-12.4182	50.4051	0.462	2.4564	-0.2812	23.0103
N+10.43	M7	C8-2	Top	-12.4182	9.8627	0.462	2.4564	-0.7591	23.0103
N+10.43	M7	C8-3	Top	-12.4182	50.4051	0.0163	2.4564	-0.2812	-12.7452
N+10.43	M7	C8-4	Top	-12.4182	9.8627	0.0163	2.4564	-0.7591	-12.7452
N+10.43	M7	C8-5	Top	-32.1091	50.4051	0.462	1.4408	-0.2812	23.0103
N+10.43	M7	C8-6	Top	-32.1091	9.8627	0.462	1.4408	-0.7591	23.0103
N+10.43	M7	C8-7	Top	-32.1091	50.4051	0.0163	1.4408	-0.2812	-12.7452
N+10.43	M7	C8-8	Top	-32.1091	9.8627	0.0163	1.4408	-0.7591	-12.7452
N+10.43	M7	C8-1-1	Top	-25.2243	-25.2583	0.6174	-0.8361	-0.1791	55.1406
N+10.43	M7	C8-1-2	Top	-25.2243	-65.8006	0.6174	-0.8361	-0.657	55.1406
N+10.43	M7	C8-1-3	Top	-25.2243	-25.2583	0.1717	-0.8361	-0.1791	19.385
N+10.43	M7	C8-1-4	Top	-25.2243	-65.8006	0.1717	-0.8361	-0.657	19.385
N+10.43	M7	C8-1-5	Top	-44.9153	-25.2583	0.6174	-1.8516	-0.1791	55.1406
N+10.43	M7	C8-1-6	Top	-44.9153	-65.8006	0.6174	-1.8516	-0.657	55.1406
N+10.43	M7	C8-1-7	Top	-44.9153	-25.2583	0.1717	-1.8516	-0.1791	19.385
N+10.43	M7	C8-1-8	Top	-44.9153	-65.8006	0.1717	-1.8516	-0.657	19.385
N+10.43	M7	C8-2-1	Top	-0.2058	49.6386	0.071	1.6082	0.208	16.9563
N+10.43	M7	C8-2-2	Top	-0.2058	9.0962	0.071	1.6082	-0.2698	16.9563
N+10.43	M7	C8-2-3	Top	-0.2058	49.6386	-0.3747	1.6082	0.208	-18.7992
N+10.43	M7	C8-2-4	Top	-0.2058	9.0962	-0.3747	1.6082	-0.2698	-18.7992
N+10.43	M7	C8-2-5	Top	-19.8967	49.6386	0.071	0.5926	0.208	16.9563
N+10.43	M7	C8-2-6	Top	-19.8967	9.0962	0.071	0.5926	-0.2698	16.9563
N+10.43	M7	C8-2-7	Top	-19.8967	49.6386	-0.3747	0.5926	0.208	-18.7992
N+10.43	M7	C8-2-8	Top	-19.8967	9.0962	-0.3747	0.5926	-0.2698	-18.7992
N+10.43	M7	C8-3-1	Top	-13.0119	-26.0248	0.2264	-1.6843	0.3101	49.0865
N+10.43	M7	C8-3-2	Top	-13.0119	-66.5671	0.2264	-1.6843	-0.1677	49.0865
N+10.43	M7	C8-3-3	Top	-13.0119	-26.0248	-0.2193	-1.6843	0.3101	13.331
N+10.43	M7	C8-3-4	Top	-13.0119	-66.5671	-0.2193	-1.6843	-0.1677	13.331
N+10.43	M7	C8-3-5	Top	-32.7029	-26.0248	0.2264	-2.6998	0.3101	49.0865
N+10.43	M7	C8-3-6	Top	-32.7029	-66.5671	0.2264	-2.6998	-0.1677	49.0865
N+10.43	M7	C8-3-7	Top	-32.7029	-26.0248	-0.2193	-2.6998	0.3101	13.331
N+10.43	M7	C8-3-8	Top	-32.7029	-66.5671	-0.2193	-2.6998	-0.1677	13.331
N+10.43	M7	C9-1	Top	-12.4182	50.4051	1.4832	2.4564	-0.2812	59.6275
N+10.43	M7	C9-2	Top	-12.4182	-41.3131	1.4832	2.4564	-1.8292	59.6275
N+10.43	M7	C9-3	Top	-12.4182	50.4051	0.0163	2.4564	-0.2812	-12.7452
N+10.43	M7	C9-4	Top	-12.4182	-41.3131	0.0163	2.4564	-1.8292	-12.7452

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N+10.43	M7	C9-5	Top	-69.5691	50.4051	1.4832	1.1153	-0.2812	59.6275
N+10.43	M7	C9-6	Top	-69.5691	-41.3131	1.4832	1.1153	-1.8292	59.6275
N+10.43	M7	C9-7	Top	-69.5691	50.4051	0.0163	1.1153	-0.2812	-12.7452
N+10.43	M7	C9-8	Top	-69.5691	-41.3131	0.0163	1.1153	-1.8292	-12.7452
N+10.43	M7	C9-1-1	Top	28.2899	47.8501	0.1798	-0.371	1.3496	39.4475
N+10.43	M7	C9-1-2	Top	28.2899	-43.8681	0.1798	-0.371	-0.1984	39.4475
N+10.43	M7	C9-1-3	Top	28.2899	47.8501	-1.287	-0.371	1.3496	-32.9253
N+10.43	M7	C9-1-4	Top	28.2899	-43.8681	-1.287	-0.371	-0.1984	-32.9253
N+10.43	M7	C9-1-5	Top	-28.861	47.8501	0.1798	-1.7121	1.3496	39.4475
N+10.43	M7	C9-1-6	Top	-28.861	-43.8681	0.1798	-1.7121	-0.1984	39.4475
N+10.43	M7	C9-1-7	Top	-28.861	47.8501	-1.287	-1.7121	1.3496	-32.9253
N+10.43	M7	C9-1-8	Top	-28.861	-43.8681	-1.287	-1.7121	-0.1984	-32.9253
N+10.43	M7	C9-2-1	Top	-16.26	27.7061	1.5298	1.4686	-0.2506	69.2666
N+10.43	M7	C9-2-2	Top	-16.26	-64.0121	1.5298	1.4686	-1.7985	69.2666
N+10.43	M7	C9-2-3	Top	-16.26	27.7061	0.0629	1.4686	-0.2506	-3.1061
N+10.43	M7	C9-2-4	Top	-16.26	-64.0121	0.0629	1.4686	-1.7985	-3.1061
N+10.43	M7	C9-2-5	Top	-73.4109	27.7061	1.5298	0.1275	-0.2506	69.2666
N+10.43	M7	C9-2-6	Top	-73.4109	-64.0121	1.5298	0.1275	-1.7985	69.2666
N+10.43	M7	C9-2-7	Top	-73.4109	27.7061	0.0629	0.1275	-0.2506	-3.1061
N+10.43	M7	C9-2-8	Top	-73.4109	-64.0121	0.0629	0.1275	-1.7985	-3.1061
N+10.43	M7	C9-3-1	Top	24.448	25.1511	0.2264	-1.3587	1.3802	49.0865
N+10.43	M7	C9-3-2	Top	24.448	-66.5671	0.2264	-1.3587	-0.1677	49.0865
N+10.43	M7	C9-3-3	Top	24.448	25.1511	-1.2404	-1.3587	1.3802	-23.2862
N+10.43	M7	C9-3-4	Top	24.448	-66.5671	-1.2404	-1.3587	-0.1677	-23.2862
N+10.43	M7	C9-3-5	Top	-32.7029	25.1511	0.2264	-2.6998	1.3802	49.0865
N+10.43	M7	C9-3-6	Top	-32.7029	-66.5671	0.2264	-2.6998	-0.1677	49.0865
N+10.43	M7	C9-3-7	Top	-32.7029	25.1511	-1.2404	-2.6998	1.3802	-23.2862
N+10.43	M7	C9-3-8	Top	-32.7029	-66.5671	-1.2404	-2.6998	-0.1677	-23.2862
N+10.43	M7	C10-1	Top	-15.7958	-5.0611	0.0722	-0.0885	-0.1464	11.3545
N+10.43	M7	C11-1	Top	-15.2517	-4.831	0.0706	-0.0765	-0.1386	10.7197
N+10.43	M8	C1-1	Top	-16.1242	4.0412	0.0278	0.038	-0.0142	-9.7687
N+10.43	M8	C2-1	Top	-16.8461	4.6471	0.0324	0.0473	-0.023	-11.3708
N+10.43	M8	C3-1	Top	-16.6327	4.7774	0.0316	0.0444	-0.021	-11.4734
N+10.43	M8	C4-1	Top	-15.1084	4.2663	0.0272	0.0363	-0.015	-10.0882
N+10.43	M8	C5-1	Top	-14.8223	4.088	0.0264	0.0354	-0.0144	-9.7071
N+10.43	M8	C6-1	Top	-16.1319	4.4653	0.0303	0.043	-0.0199	-10.8065
N+10.43	M8	C7-1	Top	-15.5595	4.1087	0.0288	0.0413	-0.0186	-10.0443

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N+10.43	M8	C8-1	Top	-5.6135	12.3033	-0.0196	1.103	0.1297	-17.6906
N+10.43	M8	C8-2	Top	-5.6135	-0.7241	-0.0196	1.103	0.0286	-17.6906
N+10.43	M8	C8-3	Top	-5.6135	12.3033	-0.0918	1.103	0.1297	-24.3538
N+10.43	M8	C8-4	Top	-5.6135	-0.7241	-0.0918	1.103	0.0286	-24.3538
N+10.43	M8	C8-5	Top	-18.8655	12.3033	-0.0196	0.6731	0.1297	-17.6906
N+10.43	M8	C8-6	Top	-18.8655	-0.7241	-0.0196	0.6731	0.0286	-17.6906
N+10.43	M8	C8-7	Top	-18.8655	12.3033	-0.0918	0.6731	0.1297	-24.3538
N+10.43	M8	C8-8	Top	-18.8655	-0.7241	-0.0918	0.6731	0.0286	-24.3538
N+10.43	M8	C8-1-1	Top	-6.1404	15.7973	0.1416	-0.2503	-0.0595	-2.0395
N+10.43	M8	C8-1-2	Top	-6.1404	2.7699	0.1416	-0.2503	-0.1606	-2.0395
N+10.43	M8	C8-1-3	Top	-6.1404	15.7973	0.0694	-0.2503	-0.0595	-8.7027
N+10.43	M8	C8-1-4	Top	-6.1404	2.7699	0.0694	-0.2503	-0.1606	-8.7027
N+10.43	M8	C8-1-5	Top	-19.3923	15.7973	0.1416	-0.6802	-0.0595	-2.0395
N+10.43	M8	C8-1-6	Top	-19.3923	2.7699	0.1416	-0.6802	-0.1606	-2.0395
N+10.43	M8	C8-1-7	Top	-19.3923	15.7973	0.0694	-0.6802	-0.0595	-8.7027
N+10.43	M8	C8-1-8	Top	-19.3923	2.7699	0.0694	-0.6802	-0.1606	-8.7027
N+10.43	M8	C8-2-1	Top	-11.5837	5.3583	-0.0123	0.7624	0.1236	-11.1953
N+10.43	M8	C8-2-2	Top	-11.5837	-7.6692	-0.0123	0.7624	0.0225	-11.1953
N+10.43	M8	C8-2-3	Top	-11.5837	5.3583	-0.0844	0.7624	0.1236	-17.8585
N+10.43	M8	C8-2-4	Top	-11.5837	-7.6692	-0.0844	0.7624	0.0225	-17.8585
N+10.43	M8	C8-2-5	Top	-24.8356	5.3583	-0.0123	0.3325	0.1236	-11.1953
N+10.43	M8	C8-2-6	Top	-24.8356	-7.6692	-0.0123	0.3325	0.0225	-11.1953
N+10.43	M8	C8-2-7	Top	-24.8356	5.3583	-0.0844	0.3325	0.1236	-17.8585
N+10.43	M8	C8-2-8	Top	-24.8356	-7.6692	-0.0844	0.3325	0.0225	-17.8585
N+10.43	M8	C8-3-1	Top	-12.1105	8.8523	0.1489	-0.5909	-0.0656	4.4558
N+10.43	M8	C8-3-2	Top	-12.1105	-4.1751	0.1489	-0.5909	-0.1667	4.4558
N+10.43	M8	C8-3-3	Top	-12.1105	8.8523	0.0768	-0.5909	-0.0656	-2.2074
N+10.43	M8	C8-3-4	Top	-12.1105	-4.1751	0.0768	-0.5909	-0.1667	-2.2074
N+10.43	M8	C8-3-5	Top	-25.3625	8.8523	0.1489	-1.0208	-0.0656	4.4558
N+10.43	M8	C8-3-6	Top	-25.3625	-4.1751	0.1489	-1.0208	-0.1667	4.4558
N+10.43	M8	C8-3-7	Top	-25.3625	8.8523	0.0768	-1.0208	-0.0656	-2.2074
N+10.43	M8	C8-3-8	Top	-25.3625	-4.1751	0.0768	-1.0208	-0.1667	-2.2074
N+10.43	M8	C9-1	Top	7.9479	30.9542	0.0761	1.103	0.1297	-17.6906
N+10.43	M8	C9-2	Top	7.9479	-0.7241	0.0761	1.103	-0.0896	-17.6906
N+10.43	M8	C9-3	Top	7.9479	30.9542	-0.0918	1.103	0.1297	-28.5537
N+10.43	M8	C9-4	Top	7.9479	-0.7241	-0.0918	1.103	-0.0896	-28.5537
N+10.43	M8	C9-5	Top	-18.8655	30.9542	0.0761	0.5205	0.1297	-17.6906

N+10.43	M8	C9-6	Top	-18.8655	-0.7241	0.0761	0.5205	-0.0896	-17.6906
N+10.43	M8	C9-7	Top	-18.8655	30.9542	-0.0918	0.5205	0.1297	-28.5537
N+10.43	M8	C9-8	Top	-18.8655	-0.7241	-0.0918	0.5205	-0.0896	-28.5537
N+10.43	M8	C9-1-1	Top	-11.9525	7.8041	0.1006	-0.0322	0.1094	3.9604
N+10.43	M8	C9-1-2	Top	-11.9525	-23.8742	0.1006	-0.0322	-0.1099	3.9604
N+10.43	M8	C9-1-3	Top	-11.9525	7.8041	-0.0673	-0.0322	0.1094	-6.9027
N+10.43	M8	C9-1-4	Top	-11.9525	-23.8742	-0.0673	-0.0322	-0.1099	-6.9027
N+10.43	M8	C9-1-5	Top	-38.7658	7.8041	0.1006	-0.6148	0.1094	3.9604
N+10.43	M8	C9-1-6	Top	-38.7658	-23.8742	0.1006	-0.6148	-0.1099	3.9604
N+10.43	M8	C9-1-7	Top	-38.7658	7.8041	-0.0673	-0.6148	0.1094	-6.9027
N+10.43	M8	C9-1-8	Top	-38.7658	-23.8742	-0.0673	-0.6148	-0.1099	-6.9027
N+10.43	M8	C9-2-1	Top	7.7898	32.0024	0.1244	0.697	0.073	-12.9952
N+10.43	M8	C9-2-2	Top	7.7898	0.3241	0.1244	0.697	-0.1463	-12.9952
N+10.43	M8	C9-2-3	Top	7.7898	32.0024	-0.0434	0.697	0.073	-23.8583
N+10.43	M8	C9-2-4	Top	7.7898	0.3241	-0.0434	0.697	-0.1463	-23.8583
N+10.43	M8	C9-2-5	Top	-19.0235	32.0024	0.1244	0.1145	0.073	-12.9952
N+10.43	M8	C9-2-6	Top	-19.0235	0.3241	0.1244	0.1145	-0.1463	-12.9952
N+10.43	M8	C9-2-7	Top	-19.0235	32.0024	-0.0434	0.1145	0.073	-23.8583
N+10.43	M8	C9-2-8	Top	-19.0235	0.3241	-0.0434	0.1145	-0.1463	-23.8583
N+10.43	M8	C9-3-1	Top	-12.1105	8.8523	0.1489	-0.4382	0.0526	8.6557
N+10.43	M8	C9-3-2	Top	-12.1105	-22.826	0.1489	-0.4382	-0.1667	8.6557
N+10.43	M8	C9-3-3	Top	-12.1105	8.8523	-0.0189	-0.4382	0.0526	-2.2074
N+10.43	M8	C9-3-4	Top	-12.1105	-22.826	-0.0189	-0.4382	-0.1667	-2.2074
N+10.43	M8	C9-3-5	Top	-38.9239	8.8523	0.1489	-1.0208	0.0526	8.6557
N+10.43	M8	C9-3-6	Top	-38.9239	-22.826	0.1489	-1.0208	-0.1667	8.6557
N+10.43	M8	C9-3-7	Top	-38.9239	8.8523	-0.0189	-1.0208	0.0526	-2.2074
N+10.43	M8	C9-3-8	Top	-38.9239	-22.826	-0.0189	-1.0208	-0.1667	-2.2074
N+10.43	M8	C10-1	Top	-10.6517	2.7762	0.0186	0.0252	-0.0098	-6.661
N+10.43	M8	C11-1	Top	-10.0794	2.4196	0.0171	0.0236	-0.0085	-5.8988
N+10.43	M9	C1-1	Top	-9.9621	0.4223	0.0254	0.0343	-0.0908	-0.0147
N+10.43	M9	C2-1	Top	-8.6627	0.9044	0.0162	0.0454	-0.0857	-0.0481
N+10.43	M9	C3-1	Top	-9.2098	0.4813	0.0207	0.0416	-0.09	0.2708
N+10.43	M9	C4-1	Top	-9.3687	0.0548	0.0251	0.0324	-0.088	0.4146
N+10.43	M9	C5-1	Top	-9.1843	0.1231	0.0244	0.0318	-0.0858	0.3197
N+10.43	M9	C6-1	Top	-8.8871	0.6007	0.0194	0.0404	-0.0861	0.1047
N+10.43	M9	C7-1	Top	-8.5184	0.7373	0.0179	0.0391	-0.0815	-0.0852
N+10.43	M9	C8-1	Top	-20.4367	13.5411	-0.2065	0.9733	0.2383	2.0276

N+10.43	M9	C8-2	Top	-20.4367	-2.2209	-0.2065	0.9733	0.199	2.0276
N+10.43	M9	C8-3	Top	-20.4367	13.5411	-0.2423	0.9733	0.2383	-18.4427
N+10.43	M9	C8-4	Top	-20.4367	-2.2209	-0.2423	0.9733	0.199	-18.4427
N+10.43	M9	C8-5	Top	-33.2351	13.5411	-0.2065	0.6249	0.2383	2.0276
N+10.43	M9	C8-6	Top	-33.2351	-2.2209	-0.2065	0.6249	0.199	2.0276
N+10.43	M9	C8-7	Top	-33.2351	13.5411	-0.2423	0.6249	0.2383	-18.4427
N+10.43	M9	C8-8	Top	-33.2351	-2.2209	-0.2423	0.6249	0.199	-18.4427
N+10.43	M9	C8-1-1	Top	14.9216	15.0875	0.1916	-0.2389	-0.2482	3.476
N+10.43	M9	C8-1-2	Top	14.9216	-0.6745	0.1916	-0.2389	-0.2875	3.476
N+10.43	M9	C8-1-3	Top	14.9216	15.0875	0.1559	-0.2389	-0.2482	-16.9943
N+10.43	M9	C8-1-4	Top	14.9216	-0.6745	0.1559	-0.2389	-0.2875	-16.9943
N+10.43	M9	C8-1-5	Top	2.1232	15.0875	0.1916	-0.5872	-0.2482	3.476
N+10.43	M9	C8-1-6	Top	2.1232	-0.6745	0.1916	-0.5872	-0.2875	3.476
N+10.43	M9	C8-1-7	Top	2.1232	15.0875	0.1559	-0.5872	-0.2482	-16.9943
N+10.43	M9	C8-1-8	Top	2.1232	-0.6745	0.1559	-0.5872	-0.2875	-16.9943
N+10.43	M9	C8-2-1	Top	-19.0677	2.1832	-0.1205	0.665	0.1256	16.7765
N+10.43	M9	C8-2-2	Top	-19.0677	-13.5788	-0.1205	0.665	0.0863	16.7765
N+10.43	M9	C8-2-3	Top	-19.0677	2.1832	-0.1563	0.665	0.1256	-3.6939
N+10.43	M9	C8-2-4	Top	-19.0677	-13.5788	-0.1563	0.665	0.0863	-3.6939
N+10.43	M9	C8-2-5	Top	-31.8661	2.1832	-0.1205	0.3166	0.1256	16.7765
N+10.43	M9	C8-2-6	Top	-31.8661	-13.5788	-0.1205	0.3166	0.0863	16.7765
N+10.43	M9	C8-2-7	Top	-31.8661	2.1832	-0.1563	0.3166	0.1256	-3.6939
N+10.43	M9	C8-2-8	Top	-31.8661	-13.5788	-0.1563	0.3166	0.0863	-3.6939
N+10.43	M9	C8-3-1	Top	16.2906	3.7295	0.2777	-0.5471	-0.3609	18.2248
N+10.43	M9	C8-3-2	Top	16.2906	-12.0324	0.2777	-0.5471	-0.4002	18.2248
N+10.43	M9	C8-3-3	Top	16.2906	3.7295	0.2419	-0.5471	-0.3609	-2.2455
N+10.43	M9	C8-3-4	Top	16.2906	-12.0324	0.2419	-0.5471	-0.4002	-2.2455
N+10.43	M9	C8-3-5	Top	3.4922	3.7295	0.2777	-0.8955	-0.3609	18.2248
N+10.43	M9	C8-3-6	Top	3.4922	-12.0324	0.2777	-0.8955	-0.4002	18.2248
N+10.43	M9	C8-3-7	Top	3.4922	3.7295	0.2419	-0.8955	-0.3609	-2.2455
N+10.43	M9	C8-3-8	Top	3.4922	-12.0324	0.2419	-0.8955	-0.4002	-2.2455
N+10.43	M9	C9-1	Top	1.1196	41.1255	-0.1285	0.9733	0.2383	2.0276
N+10.43	M9	C9-2	Top	1.1196	-2.2209	-0.1285	0.9733	0.1213	2.0276
N+10.43	M9	C9-3	Top	1.1196	41.1255	-0.2423	0.9733	0.2383	-51.8429
N+10.43	M9	C9-4	Top	1.1196	-2.2209	-0.2423	0.9733	0.1213	-51.8429
N+10.43	M9	C9-5	Top	-33.2351	41.1255	-0.1285	0.4956	0.2383	2.0276
N+10.43	M9	C9-6	Top	-33.2351	-2.2209	-0.1285	0.4956	0.1213	2.0276

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N+10.43	M9	C9-7	Top	-33.2351	41.1255	-0.2423	0.4956	0.2383	-51.8429
N+10.43	M9	C9-8	Top	-33.2351	-2.2209	-0.2423	0.4956	0.1213	-51.8429
N+10.43	M9	C9-1-1	Top	5.6831	3.2656	0.1582	-0.0542	-0.1373	51.1905
N+10.43	M9	C9-1-2	Top	5.6831	-40.0807	0.1582	-0.0542	-0.2543	51.1905
N+10.43	M9	C9-1-3	Top	5.6831	3.2656	0.0444	-0.0542	-0.1373	-2.68
N+10.43	M9	C9-1-4	Top	5.6831	-40.0807	0.0444	-0.0542	-0.2543	-2.68
N+10.43	M9	C9-1-5	Top	-28.6716	3.2656	0.1582	-0.5318	-0.1373	51.1905
N+10.43	M9	C9-1-6	Top	-28.6716	-40.0807	0.1582	-0.5318	-0.2543	51.1905
N+10.43	M9	C9-1-7	Top	-28.6716	3.2656	0.0444	-0.5318	-0.1373	-2.68
N+10.43	M9	C9-1-8	Top	-28.6716	-40.0807	0.0444	-0.5318	-0.2543	-2.68
N+10.43	M9	C9-2-1	Top	11.7271	41.5894	-0.009	0.6096	0.0923	2.4621
N+10.43	M9	C9-2-2	Top	11.7271	-1.7569	-0.009	0.6096	-0.0246	2.4621
N+10.43	M9	C9-2-3	Top	11.7271	41.5894	-0.1228	0.6096	0.0923	-51.4084
N+10.43	M9	C9-2-4	Top	11.7271	-1.7569	-0.1228	0.6096	-0.0246	-51.4084
N+10.43	M9	C9-2-5	Top	-22.6277	41.5894	-0.009	0.132	0.0923	2.4621
N+10.43	M9	C9-2-6	Top	-22.6277	-1.7569	-0.009	0.132	-0.0246	2.4621
N+10.43	M9	C9-2-7	Top	-22.6277	41.5894	-0.1228	0.132	0.0923	-51.4084
N+10.43	M9	C9-2-8	Top	-22.6277	-1.7569	-0.1228	0.132	-0.0246	-51.4084
N+10.43	M9	C9-3-1	Top	16.2906	3.7295	0.2777	-0.4178	-0.2833	51.625
N+10.43	M9	C9-3-2	Top	16.2906	-39.6168	0.2777	-0.4178	-0.4002	51.625
N+10.43	M9	C9-3-3	Top	16.2906	3.7295	0.1639	-0.4178	-0.2833	-2.2455
N+10.43	M9	C9-3-4	Top	16.2906	-39.6168	0.1639	-0.4178	-0.4002	-2.2455
N+10.43	M9	C9-3-5	Top	-18.0642	3.7295	0.2777	-0.8955	-0.2833	51.625
N+10.43	M9	C9-3-6	Top	-18.0642	-39.6168	0.2777	-0.8955	-0.4002	51.625
N+10.43	M9	C9-3-7	Top	-18.0642	3.7295	0.1639	-0.8955	-0.2833	-2.2455
N+10.43	M9	C9-3-8	Top	-18.0642	-39.6168	0.1639	-0.8955	-0.4002	-2.2455
N+10.43	M9	C10-1	Top	-6.5886	0.2032	0.0171	0.0227	-0.0606	0.0855
N+10.43	M9	C11-1	Top	-6.2198	0.3398	0.0156	0.0214	-0.0561	-0.1044
N+7.44	M1	C1-1	Top	-32.5912	-7.1182	1.1055	-0.0945	-1.866	10.4624
N+7.44	M1	C2-1	Top	-33.9313	-9.3911	1.4598	-0.1214	-2.2791	12.5339
N+7.44	M1	C3-1	Top	-32.8021	-8.0792	1.2623	-0.1059	-2.0111	10.9072
N+7.44	M1	C4-1	Top	-29.5001	-5.992	0.9401	-0.0805	-1.5811	8.5631
N+7.44	M1	C5-1	Top	-29.1524	-6.0163	0.9417	-0.0806	-1.5852	8.6531
N+7.44	M1	C6-1	Top	-32.1936	-8.1218	1.2653	-0.1061	-2.0182	11.0645
N+7.44	M1	C7-1	Top	-31.4981	-8.1704	1.2686	-0.1063	-2.0264	11.2444
N+7.44	M1	C8-1	Top	-27.1955	-7.2509	0.4641	0.1973	0.2422	6.2721
N+7.44	M1	C8-2	Top	-27.1955	-10.4958	0.4641	0.1973	-0.8132	6.2721

N+7.44	M1	C8-3	Top	-27.1955	-7.2509	-0.2108	0.1973	0.2422	1.9159
N+7.44	M1	C8-4	Top	-27.1955	-10.4958	-0.2108	0.1973	-0.8132	1.9159
N+7.44	M1	C8-5	Top	-28.3141	-7.2509	0.4641	0.071	0.2422	6.2721
N+7.44	M1	C8-6	Top	-28.3141	-10.4958	0.4641	0.071	-0.8132	6.2721
N+7.44	M1	C8-7	Top	-28.3141	-7.2509	-0.2108	0.071	0.2422	1.9159
N+7.44	M1	C8-8	Top	-28.3141	-10.4958	-0.2108	0.071	-0.8132	1.9159
N+7.44	M1	C8-1-1	Top	-33.0648	-4.2357	2.4855	-0.2007	-2.8558	19.8655
N+7.44	M1	C8-1-2	Top	-33.0648	-7.4806	2.4855	-0.2007	-3.9112	19.8655
N+7.44	M1	C8-1-3	Top	-33.0648	-4.2357	1.8106	-0.2007	-2.8558	15.5093
N+7.44	M1	C8-1-4	Top	-33.0648	-7.4806	1.8106	-0.2007	-3.9112	15.5093
N+7.44	M1	C8-1-5	Top	-34.1835	-4.2357	2.4855	-0.327	-2.8558	19.8655
N+7.44	M1	C8-1-6	Top	-34.1835	-7.4806	2.4855	-0.327	-3.9112	19.8655
N+7.44	M1	C8-1-7	Top	-34.1835	-4.2357	1.8106	-0.327	-2.8558	15.5093
N+7.44	M1	C8-1-8	Top	-34.1835	-7.4806	1.8106	-0.327	-3.9112	15.5093
N+7.44	M1	C8-2-1	Top	-28.6389	-8.8723	0.7274	0.1143	-0.1436	7.0244
N+7.44	M1	C8-2-2	Top	-28.6389	-12.1171	0.7274	0.1143	-1.199	7.0244
N+7.44	M1	C8-2-3	Top	-28.6389	-8.8723	0.0525	0.1143	-0.1436	2.6682
N+7.44	M1	C8-2-4	Top	-28.6389	-12.1171	0.0525	0.1143	-1.199	2.6682
N+7.44	M1	C8-2-5	Top	-29.7575	-8.8723	0.7274	-0.012	-0.1436	7.0244
N+7.44	M1	C8-2-6	Top	-29.7575	-12.1171	0.7274	-0.012	-1.199	7.0244
N+7.44	M1	C8-2-7	Top	-29.7575	-8.8723	0.0525	-0.012	-0.1436	2.6682
N+7.44	M1	C8-2-8	Top	-29.7575	-12.1171	0.0525	-0.012	-1.199	2.6682
N+7.44	M1	C8-3-1	Top	-34.5082	-5.857	2.7488	-0.2836	-3.2415	20.6178
N+7.44	M1	C8-3-2	Top	-34.5082	-9.1019	2.7488	-0.2836	-4.2969	20.6178
N+7.44	M1	C8-3-3	Top	-34.5082	-5.857	2.0739	-0.2836	-3.2415	16.2616
N+7.44	M1	C8-3-4	Top	-34.5082	-9.1019	2.0739	-0.2836	-4.2969	16.2616
N+7.44	M1	C8-3-5	Top	-35.6269	-5.857	2.7488	-0.4099	-3.2415	20.6178
N+7.44	M1	C8-3-6	Top	-35.6269	-9.1019	2.7488	-0.4099	-4.2969	20.6178
N+7.44	M1	C8-3-7	Top	-35.6269	-5.857	2.0739	-0.4099	-3.2415	16.2616
N+7.44	M1	C8-3-8	Top	-35.6269	-9.1019	2.0739	-0.4099	-4.2969	16.2616
N+7.44	M1	C9-1	Top	-27.1955	-1.3572	1.2648	0.1973	0.2422	14.032
N+7.44	M1	C9-2	Top	-27.1955	-10.4958	1.2648	0.1973	-2.0818	14.032
N+7.44	M1	C9-3	Top	-27.1955	-1.3572	-0.2108	0.1973	0.2422	1.9159
N+7.44	M1	C9-4	Top	-27.1955	-10.4958	-0.2108	0.1973	-2.0818	1.9159
N+7.44	M1	C9-5	Top	-29.0548	-1.3572	1.2648	-0.0141	0.2422	14.032
N+7.44	M1	C9-6	Top	-29.0548	-10.4958	1.2648	-0.0141	-2.0818	14.032
N+7.44	M1	C9-7	Top	-29.0548	-1.3572	-0.2108	-0.0141	0.2422	1.9159

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N+7.44	M1	C9-8	Top	-29.0548	-10.4958	-0.2108	-0.0141	-2.0818	1.9159
N+7.44	M1	C9-1-1	Top	-32.0068	-6.7616	2.1424	-0.0792	-1.0436	16.5398
N+7.44	M1	C9-1-2	Top	-32.0068	-15.9002	2.1424	-0.0792	-3.3675	16.5398
N+7.44	M1	C9-1-3	Top	-32.0068	-6.7616	0.6668	-0.0792	-1.0436	4.4236
N+7.44	M1	C9-1-4	Top	-32.0068	-15.9002	0.6668	-0.0792	-3.3675	4.4236
N+7.44	M1	C9-1-5	Top	-33.8661	-6.7616	2.1424	-0.2905	-1.0436	16.5398
N+7.44	M1	C9-1-6	Top	-33.8661	-15.9002	2.1424	-0.2905	-3.3675	16.5398
N+7.44	M1	C9-1-7	Top	-33.8661	-6.7616	0.6668	-0.2905	-1.0436	4.4236
N+7.44	M1	C9-1-8	Top	-33.8661	-15.9002	0.6668	-0.2905	-3.3675	4.4236
N+7.44	M1	C9-2-1	Top	-28.9563	-0.4527	1.8712	0.0779	-0.6872	18.1101
N+7.44	M1	C9-2-2	Top	-28.9563	-9.5913	1.8712	0.0779	-3.0112	18.1101
N+7.44	M1	C9-2-3	Top	-28.9563	-0.4527	0.3956	0.0779	-0.6872	5.9939
N+7.44	M1	C9-2-4	Top	-28.9563	-9.5913	0.3956	0.0779	-3.0112	5.9939
N+7.44	M1	C9-2-5	Top	-30.8156	-0.4527	1.8712	-0.1334	-0.6872	18.1101
N+7.44	M1	C9-2-6	Top	-30.8156	-9.5913	1.8712	-0.1334	-3.0112	18.1101
N+7.44	M1	C9-2-7	Top	-30.8156	-0.4527	0.3956	-0.1334	-0.6872	5.9939
N+7.44	M1	C9-2-8	Top	-30.8156	-9.5913	0.3956	-0.1334	-3.0112	5.9939
N+7.44	M1	C9-3-1	Top	-33.7676	-5.857	2.7488	-0.1986	-1.973	20.6178
N+7.44	M1	C9-3-2	Top	-33.7676	-14.9956	2.7488	-0.1986	-4.2969	20.6178
N+7.44	M1	C9-3-3	Top	-33.7676	-5.857	1.2732	-0.1986	-1.973	8.5016
N+7.44	M1	C9-3-4	Top	-33.7676	-14.9956	1.2732	-0.1986	-4.2969	8.5016
N+7.44	M1	C9-3-5	Top	-35.6269	-5.857	2.7488	-0.4099	-1.973	20.6178
N+7.44	M1	C9-3-6	Top	-35.6269	-14.9956	2.7488	-0.4099	-4.2969	20.6178
N+7.44	M1	C9-3-7	Top	-35.6269	-5.857	1.2732	-0.4099	-1.973	8.5016
N+7.44	M1	C9-3-8	Top	-35.6269	-14.9956	1.2732	-0.4099	-4.2969	8.5016
N+7.44	M1	C10-1	Top	-21.2992	-4.5517	0.709	-0.0606	-1.1955	6.6359
N+7.44	M1	C11-1	Top	-20.6038	-4.6003	0.7123	-0.0608	-1.2036	6.8158
N+7.44	M2	C1-1	Top	-34.2989	4.6572	0.1659	0.1421	-0.2778	-7.7915
N+7.44	M2	C2-1	Top	-37.0044	6.246	0.2044	0.1738	-0.356	-8.9118
N+7.44	M2	C3-1	Top	-35.25	5.2155	0.174	0.1564	-0.299	-7.7083
N+7.44	M2	C4-1	Top	-30.9336	3.7329	0.1324	0.1247	-0.2202	-6.1668
N+7.44	M2	C5-1	Top	-30.5926	3.7905	0.1345	0.124	-0.2242	-6.2805
N+7.44	M2	C6-1	Top	-34.6533	5.3162	0.1779	0.1553	-0.3059	-7.9073
N+7.44	M2	C7-1	Top	-33.9712	5.4312	0.1822	0.154	-0.3139	-8.1347
N+7.44	M2	C8-1	Top	-20.5753	5.7618	-0.7627	0.9688	1.9727	-14.9953
N+7.44	M2	C8-2	Top	-20.5753	-2.7133	-0.7627	0.9688	1.237	-14.9953
N+7.44	M2	C8-3	Top	-20.5753	5.7618	-1.2097	0.9688	1.9727	-22.3493

N+7.44	M2	C8-4	Top	-20.5753	-2.7133	-1.2097	0.9688	1.237	-22.3493
N+7.44	M2	C8-5	Top	-26.7106	5.7618	-0.7627	0.5074	1.9727	-14.9953
N+7.44	M2	C8-6	Top	-26.7106	-2.7133	-0.7627	0.5074	1.237	-14.9953
N+7.44	M2	C8-7	Top	-26.7106	5.7618	-1.2097	0.5074	1.9727	-22.3493
N+7.44	M2	C8-8	Top	-26.7106	-2.7133	-1.2097	0.5074	1.237	-22.3493
N+7.44	M2	C8-1-1	Top	-39.5245	16.4208	1.2815	-0.1159	-1.3856	5.8144
N+7.44	M2	C8-1-2	Top	-39.5245	7.9458	1.2815	-0.1159	-2.1213	5.8144
N+7.44	M2	C8-1-3	Top	-39.5245	16.4208	0.8345	-0.1159	-1.3856	-1.5396
N+7.44	M2	C8-1-4	Top	-39.5245	7.9458	0.8345	-0.1159	-2.1213	-1.5396
N+7.44	M2	C8-1-5	Top	-45.6598	16.4208	1.2815	-0.5773	-1.3856	5.8144
N+7.44	M2	C8-1-6	Top	-45.6598	7.9458	1.2815	-0.5773	-2.1213	5.8144
N+7.44	M2	C8-1-7	Top	-45.6598	16.4208	0.8345	-0.5773	-1.3856	-1.5396
N+7.44	M2	C8-1-8	Top	-45.6598	7.9458	0.8345	-0.5773	-2.1213	-1.5396
N+7.44	M2	C8-2-1	Top	-22.1121	2.9455	-0.4689	0.8849	1.4915	-14.7866
N+7.44	M2	C8-2-2	Top	-22.1121	-5.5296	-0.4689	0.8849	0.7558	-14.7866
N+7.44	M2	C8-2-3	Top	-22.1121	2.9455	-0.9159	0.8849	1.4915	-22.1407
N+7.44	M2	C8-2-4	Top	-22.1121	-5.5296	-0.9159	0.8849	0.7558	-22.1407
N+7.44	M2	C8-2-5	Top	-28.2474	2.9455	-0.4689	0.4235	1.4915	-14.7866
N+7.44	M2	C8-2-6	Top	-28.2474	-5.5296	-0.4689	0.4235	0.7558	-14.7866
N+7.44	M2	C8-2-7	Top	-28.2474	2.9455	-0.9159	0.4235	1.4915	-22.1407
N+7.44	M2	C8-2-8	Top	-28.2474	-5.5296	-0.9159	0.4235	0.7558	-22.1407
N+7.44	M2	C8-3-1	Top	-41.0614	13.6045	1.5753	-0.1998	-1.8668	6.0231
N+7.44	M2	C8-3-2	Top	-41.0614	5.1295	1.5753	-0.1998	-2.6025	6.0231
N+7.44	M2	C8-3-3	Top	-41.0614	13.6045	1.1282	-0.1998	-1.8668	-1.331
N+7.44	M2	C8-3-4	Top	-41.0614	5.1295	1.1282	-0.1998	-2.6025	-1.331
N+7.44	M2	C8-3-5	Top	-47.1967	13.6045	1.5753	-0.6611	-1.8668	6.0231
N+7.44	M2	C8-3-6	Top	-47.1967	5.1295	1.5753	-0.6611	-2.6025	6.0231
N+7.44	M2	C8-3-7	Top	-47.1967	13.6045	1.1282	-0.6611	-1.8668	-1.331
N+7.44	M2	C8-3-8	Top	-47.1967	5.1295	1.1282	-0.6611	-2.6025	-1.331
N+7.44	M2	C9-1	Top	-20.5753	19.7945	-0.0171	0.9688	1.9727	-0.9153
N+7.44	M2	C9-2	Top	-20.5753	-2.7133	-0.0171	0.9688	0.0089	-0.9153
N+7.44	M2	C9-3	Top	-20.5753	19.7945	-1.2097	0.9688	1.9727	-22.3493
N+7.44	M2	C9-4	Top	-20.5753	-2.7133	-1.2097	0.9688	0.0089	-22.3493
N+7.44	M2	C9-5	Top	-36.3891	19.7945	-0.0171	-0.0561	1.9727	-0.9153
N+7.44	M2	C9-6	Top	-36.3891	-2.7133	-0.0171	-0.0561	0.0089	-0.9153
N+7.44	M2	C9-7	Top	-36.3891	19.7945	-1.2097	-0.0561	1.9727	-22.3493
N+7.44	M2	C9-8	Top	-36.3891	-2.7133	-1.2097	-0.0561	0.0089	-22.3493

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N+7.44	M2	C9-1-1	Top	-25.6981	10.4068	0.962	0.6892	0.3688	-0.2198
N+7.44	M2	C9-1-2	Top	-25.6981	-12.1009	0.962	0.6892	-1.595	-0.2198
N+7.44	M2	C9-1-3	Top	-25.6981	10.4068	-0.2306	0.6892	0.3688	-21.6538
N+7.44	M2	C9-1-4	Top	-25.6981	-12.1009	-0.2306	0.6892	-1.595	-21.6538
N+7.44	M2	C9-1-5	Top	-41.5119	10.4068	0.962	-0.3357	0.3688	-0.2198
N+7.44	M2	C9-1-6	Top	-41.5119	-12.1009	0.962	-0.3357	-1.595	-0.2198
N+7.44	M2	C9-1-7	Top	-41.5119	10.4068	-0.2306	-0.3357	0.3688	-21.6538
N+7.44	M2	C9-1-8	Top	-41.5119	-12.1009	-0.2306	-0.3357	-1.595	-21.6538
N+7.44	M2	C9-2-1	Top	-26.26	22.9922	0.5962	0.6434	0.9652	5.3276
N+7.44	M2	C9-2-2	Top	-26.26	0.4844	0.5962	0.6434	-0.9986	5.3276
N+7.44	M2	C9-2-3	Top	-26.26	22.9922	-0.5964	0.6434	0.9652	-16.1064
N+7.44	M2	C9-2-4	Top	-26.26	0.4844	-0.5964	0.6434	-0.9986	-16.1064
N+7.44	M2	C9-2-5	Top	-42.0739	22.9922	0.5962	-0.3815	0.9652	5.3276
N+7.44	M2	C9-2-6	Top	-42.0739	0.4844	0.5962	-0.3815	-0.9986	5.3276
N+7.44	M2	C9-2-7	Top	-42.0739	22.9922	-0.5964	-0.3815	0.9652	-16.1064
N+7.44	M2	C9-2-8	Top	-42.0739	0.4844	-0.5964	-0.3815	-0.9986	-16.1064
N+7.44	M2	C9-3-1	Top	-31.3829	13.6045	1.5753	0.3638	-0.6387	6.0231
N+7.44	M2	C9-3-2	Top	-31.3829	-8.9032	1.5753	0.3638	-2.6025	6.0231
N+7.44	M2	C9-3-3	Top	-31.3829	13.6045	0.3827	0.3638	-0.6387	-15.4109
N+7.44	M2	C9-3-4	Top	-31.3829	-8.9032	0.3827	0.3638	-2.6025	-15.4109
N+7.44	M2	C9-3-5	Top	-47.1967	13.6045	1.5753	-0.6611	-0.6387	6.0231
N+7.44	M2	C9-3-6	Top	-47.1967	-8.9032	1.5753	-0.6611	-2.6025	6.0231
N+7.44	M2	C9-3-7	Top	-47.1967	13.6045	0.3827	-0.6611	-0.6387	-15.4109
N+7.44	M2	C9-3-8	Top	-47.1967	-8.9032	0.3827	-0.6611	-2.6025	-15.4109
N+7.44	M2	C10-1	Top	-22.3903	2.9363	0.1045	0.092	-0.1746	-4.8952
N+7.44	M2	C11-1	Top	-21.7083	3.0514	0.1089	0.0907	-0.1826	-5.1225
N+7.44	M3	C1-1	Top	-136.0397	9.3791	2.3503	-6.3496	-3.8371	-1.7931
N+7.44	M3	C2-1	Top	-149.5052	12.6672	2.9789	-8.5655	-4.1406	2.4148
N+7.44	M3	C3-1	Top	-144.2901	11.3919	2.6346	-7.3293	-3.8429	2.8946
N+7.44	M3	C4-1	Top	-126.5628	8.6826	2.0389	-5.3516	-3.3193	1.2055
N+7.44	M3	C5-1	Top	-124.35	8.5397	2.0335	-5.3718	-3.3126	0.5961
N+7.44	M3	C6-1	Top	-140.4178	11.1417	2.6252	-7.3647	-3.8312	1.828
N+7.44	M3	C7-1	Top	-135.9923	10.8557	2.6144	-7.4051	-3.8177	0.6091
N+7.44	M3	C8-1	Top	-168.428	174.5728	5.3971	0.4987	-4.9292	202.9502
N+7.44	M3	C8-2	Top	-168.428	125.0555	5.3971	0.4987	-8.0654	202.9502
N+7.44	M3	C8-3	Top	-168.428	174.5728	3.031	0.4987	-4.9292	137.474
N+7.44	M3	C8-4	Top	-168.428	125.0555	3.031	0.4987	-8.0654	137.474

N+7.44	M3	C8-5	Top	-201.0301	174.5728	5.3971	-2.2245	-4.9292	202.9502
N+7.44	M3	C8-6	Top	-201.0301	125.0555	5.3971	-2.2245	-8.0654	202.9502
N+7.44	M3	C8-7	Top	-201.0301	174.5728	3.031	-2.2245	-4.9292	137.474
N+7.44	M3	C8-8	Top	-201.0301	125.0555	3.031	-2.2245	-8.0654	137.474
N+7.44	M3	C8-1-1	Top	-74.1729	-61.3789	4.7285	-8.9751	-3.0883	-88.4392
N+7.44	M3	C8-1-2	Top	-74.1729	-110.8963	4.7285	-8.9751	-6.2244	-88.4392
N+7.44	M3	C8-1-3	Top	-74.1729	-61.3789	2.3624	-8.9751	-3.0883	-153.9154
N+7.44	M3	C8-1-4	Top	-74.1729	-110.8963	2.3624	-8.9751	-6.2244	-153.9154
N+7.44	M3	C8-1-5	Top	-106.7749	-61.3789	4.7285	-11.6983	-3.0883	-88.4392
N+7.44	M3	C8-1-6	Top	-106.7749	-110.8963	4.7285	-11.6983	-6.2244	-88.4392
N+7.44	M3	C8-1-7	Top	-106.7749	-61.3789	2.3624	-11.6983	-3.0883	-153.9154
N+7.44	M3	C8-1-8	Top	-106.7749	-110.8963	2.3624	-11.6983	-6.2244	-153.9154
N+7.44	M3	C8-2-1	Top	-164.1034	132.5363	2.8636	-3.122	-1.4076	154.829
N+7.44	M3	C8-2-2	Top	-164.1034	83.0189	2.8636	-3.122	-4.5438	154.829
N+7.44	M3	C8-2-3	Top	-164.1034	132.5363	0.4976	-3.122	-1.4076	89.3527
N+7.44	M3	C8-2-4	Top	-164.1034	83.0189	0.4976	-3.122	-4.5438	89.3527
N+7.44	M3	C8-2-5	Top	-196.7054	132.5363	2.8636	-5.8452	-1.4076	154.829
N+7.44	M3	C8-2-6	Top	-196.7054	83.0189	2.8636	-5.8452	-4.5438	154.829
N+7.44	M3	C8-2-7	Top	-196.7054	132.5363	0.4976	-5.8452	-1.4076	89.3527
N+7.44	M3	C8-2-8	Top	-196.7054	83.0189	0.4976	-5.8452	-4.5438	89.3527
N+7.44	M3	C8-3-1	Top	-69.8482	-103.4155	2.1951	-12.5958	0.4334	-136.5604
N+7.44	M3	C8-3-2	Top	-69.8482	-152.9328	2.1951	-12.5958	-2.7028	-136.5604
N+7.44	M3	C8-3-3	Top	-69.8482	-103.4155	-0.171	-12.5958	0.4334	-202.0366
N+7.44	M3	C8-3-4	Top	-69.8482	-152.9328	-0.171	-12.5958	-2.7028	-202.0366
N+7.44	M3	C8-3-5	Top	-102.4503	-103.4155	2.1951	-15.319	0.4334	-136.5604
N+7.44	M3	C8-3-6	Top	-102.4503	-152.9328	2.1951	-15.319	-2.7028	-136.5604
N+7.44	M3	C8-3-7	Top	-102.4503	-103.4155	-0.171	-15.319	0.4334	-202.0366
N+7.44	M3	C8-3-8	Top	-102.4503	-152.9328	-0.171	-15.319	-2.7028	-202.0366
N+7.44	M3	C9-1	Top	-112.5402	174.5728	10.8403	2.3154	-4.9292	202.9502
N+7.44	M3	C9-2	Top	-112.5402	57.9744	10.8403	2.3154	-14.9939	202.9502
N+7.44	M3	C9-3	Top	-112.5402	174.5728	3.031	2.3154	-4.9292	45.7843
N+7.44	M3	C9-4	Top	-112.5402	57.9744	3.031	2.3154	-14.9939	45.7843
N+7.44	M3	C9-5	Top	-201.0301	174.5728	10.8403	-2.2245	-4.9292	202.9502
N+7.44	M3	C9-6	Top	-201.0301	57.9744	10.8403	-2.2245	-14.9939	202.9502
N+7.44	M3	C9-7	Top	-201.0301	174.5728	3.031	-2.2245	-4.9292	45.7843
N+7.44	M3	C9-8	Top	-201.0301	57.9744	3.031	-2.2245	-14.9939	45.7843
N+7.44	M3	C9-1-1	Top	-98.1248	34.4511	2.3956	-9.7537	6.8096	42.546

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N+7.44	M3	C9-1-2	Top	-98.1248	-82.1473	2.3956	-9.7537	-3.2551	42.546
N+7.44	M3	C9-1-3	Top	-98.1248	34.4511	-5.4137	-9.7537	6.8096	-114.6198
N+7.44	M3	C9-1-4	Top	-98.1248	-82.1473	-5.4137	-9.7537	-3.2551	-114.6198
N+7.44	M3	C9-1-5	Top	-186.6146	34.4511	2.3956	-14.2936	6.8096	42.546
N+7.44	M3	C9-1-6	Top	-186.6146	-82.1473	2.3956	-14.2936	-3.2551	42.546
N+7.44	M3	C9-1-7	Top	-186.6146	34.4511	-5.4137	-14.2936	6.8096	-114.6198
N+7.44	M3	C9-1-8	Top	-186.6146	-82.1473	-5.4137	-14.2936	-3.2551	-114.6198
N+7.44	M3	C9-2-1	Top	-84.2637	103.7873	10.6398	-0.5267	-4.377	115.5334
N+7.44	M3	C9-2-2	Top	-84.2637	-12.8111	10.6398	-0.5267	-14.4416	115.5334
N+7.44	M3	C9-2-3	Top	-84.2637	103.7873	2.8304	-0.5267	-4.377	-41.6325
N+7.44	M3	C9-2-4	Top	-84.2637	-12.8111	2.8304	-0.5267	-14.4416	-41.6325
N+7.44	M3	C9-2-5	Top	-172.7535	103.7873	10.6398	-5.0666	-4.377	115.5334
N+7.44	M3	C9-2-6	Top	-172.7535	-12.8111	10.6398	-5.0666	-14.4416	115.5334
N+7.44	M3	C9-2-7	Top	-172.7535	103.7873	2.8304	-5.0666	-4.377	-41.6325
N+7.44	M3	C9-2-8	Top	-172.7535	-12.8111	2.8304	-5.0666	-14.4416	-41.6325
N+7.44	M3	C9-3-1	Top	-69.8482	-36.3344	2.1951	-12.5958	7.3619	-44.8708
N+7.44	M3	C9-3-2	Top	-69.8482	-152.9328	2.1951	-12.5958	-2.7028	-44.8708
N+7.44	M3	C9-3-3	Top	-69.8482	-36.3344	-5.6143	-12.5958	7.3619	-202.0366
N+7.44	M3	C9-3-4	Top	-69.8482	-152.9328	-5.6143	-12.5958	-2.7028	-202.0366
N+7.44	M3	C9-3-5	Top	-158.3381	-36.3344	2.1951	-17.1357	7.3619	-44.8708
N+7.44	M3	C9-3-6	Top	-158.3381	-152.9328	2.1951	-17.1357	-2.7028	-44.8708
N+7.44	M3	C9-3-7	Top	-158.3381	-36.3344	-5.6143	-17.1357	7.3619	-202.0366
N+7.44	M3	C9-3-8	Top	-158.3381	-152.9328	-5.6143	-17.1357	-2.7028	-202.0366
N+7.44	M3	C10-1	Top	-89.6668	6.1724	1.5163	-4.0617	-2.4735	-0.5433
N+7.44	M3	C11-1	Top	-85.2414	5.8865	1.5055	-4.1021	-2.46	-1.7622
N+7.44	M4	C1-1	Top	-15.8379	1.259	0.0014	0.0092	-0.0034	-1.9703
N+7.44	M4	C2-1	Top	-17.4686	1.4607	0.0025	0.0115	-0.0062	-2.2173
N+7.44	M4	C3-1	Top	-16.5961	1.4039	0.0018	0.0109	-0.0046	-2.1533
N+7.44	M4	C4-1	Top	-14.3966	1.1999	0.001	0.009	-0.0024	-1.8764
N+7.44	M4	C5-1	Top	-14.2141	1.173	0.001	0.0087	-0.0025	-1.8347
N+7.44	M4	C6-1	Top	-16.2767	1.357	0.0019	0.0105	-0.0048	-2.0804
N+7.44	M4	C7-1	Top	-15.9116	1.3033	0.002	0.01	-0.005	-1.997
N+7.44	M4	C8-1	Top	-6.4145	13.3778	0.0061	0.1564	0.0041	-11.9922
N+7.44	M4	C8-2	Top	-6.4145	9.0906	0.0061	0.1564	-0.0155	-11.9922
N+7.44	M4	C8-3	Top	-6.4145	13.3778	-0.0103	0.1564	0.0041	-17.8745
N+7.44	M4	C8-4	Top	-6.4145	9.0906	-0.0103	0.1564	-0.0155	-17.8745
N+7.44	M4	C8-5	Top	-19.683	13.3778	0.0061	0.0937	0.0041	-11.9922

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N+7.44	M4	C8-6	Top	-19.683	9.0906	0.0061	0.0937	-0.0155	-11.9922
N+7.44	M4	C8-7	Top	-19.683	13.3778	-0.0103	0.0937	0.0041	-17.8745
N+7.44	M4	C8-8	Top	-19.683	9.0906	-0.0103	0.0937	-0.0155	-17.8745
N+7.44	M4	C8-1-1	Top	-19.5807	-4.026	0.0222	-0.0312	0.0194	10.5309
N+7.44	M4	C8-1-2	Top	-19.5807	-8.3133	0.0222	-0.0312	-0.0001	10.5309
N+7.44	M4	C8-1-3	Top	-19.5807	-4.026	0.0058	-0.0312	0.0194	4.6486
N+7.44	M4	C8-1-4	Top	-19.5807	-8.3133	0.0058	-0.0312	-0.0001	4.6486
N+7.44	M4	C8-1-5	Top	-32.8492	-4.026	0.0222	-0.094	0.0194	10.5309
N+7.44	M4	C8-1-6	Top	-32.8492	-8.3133	0.0222	-0.094	-0.0001	10.5309
N+7.44	M4	C8-1-7	Top	-32.8492	-4.026	0.0058	-0.094	0.0194	4.6486
N+7.44	M4	C8-1-8	Top	-32.8492	-8.3133	0.0058	-0.094	-0.0001	4.6486
N+7.44	M4	C8-2-1	Top	1.1172	10.9065	-0.0018	0.1138	-0.01	-8.6217
N+7.44	M4	C8-2-2	Top	1.1172	6.6193	-0.0018	0.1138	-0.0295	-8.6217
N+7.44	M4	C8-2-3	Top	1.1172	10.9065	-0.0182	0.1138	-0.01	-14.504
N+7.44	M4	C8-2-4	Top	1.1172	6.6193	-0.0182	0.1138	-0.0295	-14.504
N+7.44	M4	C8-2-5	Top	-12.1513	10.9065	-0.0018	0.0511	-0.01	-8.6217
N+7.44	M4	C8-2-6	Top	-12.1513	6.6193	-0.0018	0.0511	-0.0295	-8.6217
N+7.44	M4	C8-2-7	Top	-12.1513	10.9065	-0.0182	0.0511	-0.01	-14.504
N+7.44	M4	C8-2-8	Top	-12.1513	6.6193	-0.0182	0.0511	-0.0295	-14.504
N+7.44	M4	C8-3-1	Top	-12.049	-6.4973	0.0143	-0.0738	0.0054	13.9014
N+7.44	M4	C8-3-2	Top	-12.049	-10.7846	0.0143	-0.0738	-0.0142	13.9014
N+7.44	M4	C8-3-3	Top	-12.049	-6.4973	-0.0021	-0.0738	0.0054	8.0191
N+7.44	M4	C8-3-4	Top	-12.049	-10.7846	-0.0021	-0.0738	-0.0142	8.0191
N+7.44	M4	C8-3-5	Top	-25.3175	-6.4973	0.0143	-0.1365	0.0054	13.9014
N+7.44	M4	C8-3-6	Top	-25.3175	-10.7846	0.0143	-0.1365	-0.0142	13.9014
N+7.44	M4	C8-3-7	Top	-25.3175	-6.4973	-0.0021	-0.1365	0.0054	8.0191
N+7.44	M4	C8-3-8	Top	-25.3175	-10.7846	-0.0021	-0.1365	-0.0142	8.0191
N+7.44	M4	C9-1	Top	-6.4145	13.3778	0.0358	0.1564	0.0476	-4.0905
N+7.44	M4	C9-2	Top	-6.4145	2.6742	0.0358	0.1564	-0.0155	-4.0905
N+7.44	M4	C9-3	Top	-6.4145	13.3778	-0.0103	0.1564	0.0476	-17.8745
N+7.44	M4	C9-4	Top	-6.4145	2.6742	-0.0103	0.1564	-0.0155	-17.8745
N+7.44	M4	C9-5	Top	-46.4734	13.3778	0.0358	0.0617	0.0476	-4.0905
N+7.44	M4	C9-6	Top	-46.4734	2.6742	0.0358	0.0617	-0.0155	-4.0905
N+7.44	M4	C9-7	Top	-46.4734	13.3778	-0.0103	0.0617	0.0476	-17.8745
N+7.44	M4	C9-8	Top	-46.4734	2.6742	-0.0103	0.0617	-0.0155	-17.8745
N+7.44	M4	C9-1-1	Top	18.6912	5.1402	0.0095	0.0145	0.0008	7.1445
N+7.44	M4	C9-1-2	Top	18.6912	-5.5634	0.0095	0.0145	-0.0623	7.1445

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N+7.44	M4	C9-1-3	Top	18.6912	5.1402	-0.0366	0.0145	0.0008	-6.6395
N+7.44	M4	C9-1-4	Top	18.6912	-5.5634	-0.0366	0.0145	-0.0623	-6.6395
N+7.44	M4	C9-1-5	Top	-21.3677	5.1402	0.0095	-0.0802	0.0008	7.1445
N+7.44	M4	C9-1-6	Top	-21.3677	-5.5634	0.0095	-0.0802	-0.0623	7.1445
N+7.44	M4	C9-1-7	Top	-21.3677	5.1402	-0.0366	-0.0802	0.0008	-6.6395
N+7.44	M4	C9-1-8	Top	-21.3677	-5.5634	-0.0366	-0.0802	-0.0623	-6.6395
N+7.44	M4	C9-2-1	Top	-10.3644	8.1567	0.0406	0.1001	0.0522	2.6664
N+7.44	M4	C9-2-2	Top	-10.3644	-2.5469	0.0406	0.1001	-0.0109	2.6664
N+7.44	M4	C9-2-3	Top	-10.3644	8.1567	-0.0055	0.1001	0.0522	-11.1176
N+7.44	M4	C9-2-4	Top	-10.3644	-2.5469	-0.0055	0.1001	-0.0109	-11.1176
N+7.44	M4	C9-2-5	Top	-50.4232	8.1567	0.0406	0.0054	0.0522	2.6664
N+7.44	M4	C9-2-6	Top	-50.4232	-2.5469	0.0406	0.0054	-0.0109	2.6664
N+7.44	M4	C9-2-7	Top	-50.4232	8.1567	-0.0055	0.0054	0.0522	-11.1176
N+7.44	M4	C9-2-8	Top	-50.4232	-2.5469	-0.0055	0.0054	-0.0109	-11.1176
N+7.44	M4	C9-3-1	Top	14.7414	-0.081	0.0143	-0.0418	0.0054	13.9014
N+7.44	M4	C9-3-2	Top	14.7414	-10.7846	0.0143	-0.0418	-0.0577	13.9014
N+7.44	M4	C9-3-3	Top	14.7414	-0.081	-0.0318	-0.0418	0.0054	0.1174
N+7.44	M4	C9-3-4	Top	14.7414	-10.7846	-0.0318	-0.0418	-0.0577	0.1174
N+7.44	M4	C9-3-5	Top	-25.3175	-0.081	0.0143	-0.1365	0.0054	13.9014
N+7.44	M4	C9-3-6	Top	-25.3175	-10.7846	0.0143	-0.1365	-0.0577	13.9014
N+7.44	M4	C9-3-7	Top	-25.3175	-0.081	-0.0318	-0.1365	0.0054	0.1174
N+7.44	M4	C9-3-8	Top	-25.3175	-10.7846	-0.0318	-0.1365	-0.0577	0.1174
N+7.44	M4	C10-1	Top	-10.364	0.8362	0.0008	0.0061	-0.002	-1.3083
N+7.44	M4	C11-1	Top	-9.999	0.7825	0.0009	0.0056	-0.0023	-1.2249
N+7.44	M5	C1-1	Top	-21.9007	0.8237	-0.4043	0.1629	0.6796	-1.4637
N+7.44	M5	C2-1	Top	-24.4347	1.2909	-0.543	0.2177	0.9446	-2.4363
N+7.44	M5	C3-1	Top	-23.0033	1.0229	-0.4736	0.1921	0.8151	-1.8825
N+7.44	M5	C4-1	Top	-19.7396	0.6379	-0.3524	0.1448	0.5912	-1.1
N+7.44	M5	C5-1	Top	-19.5246	0.653	-0.3511	0.1436	0.5893	-1.1343
N+7.44	M5	C6-1	Top	-22.627	1.0493	-0.4713	0.1901	0.8117	-1.9427
N+7.44	M5	C7-1	Top	-22.197	1.0796	-0.4687	0.1878	0.8078	-2.0114
N+7.44	M5	C8-1	Top	-5.8045	7.2819	-0.7869	0.8481	1.5602	-8.166
N+7.44	M5	C8-2	Top	-5.8045	3.589	-0.7869	0.8481	1.1956	-8.166
N+7.44	M5	C8-3	Top	-5.8045	7.2819	-0.9772	0.8481	1.5602	-12.5097
N+7.44	M5	C8-4	Top	-5.8045	3.589	-0.9772	0.8481	1.1956	-12.5097
N+7.44	M5	C8-5	Top	-8.5617	7.2819	-0.7869	0.6374	1.5602	-8.166
N+7.44	M5	C8-6	Top	-8.5617	3.589	-0.7869	0.6374	1.1956	-8.166

N+7.44	M5	C8-7	Top	-8.5617	7.2819	-0.9772	0.6374	1.5602	-12.5097
N+7.44	M5	C8-8	Top	-8.5617	3.589	-0.9772	0.6374	1.1956	-12.5097
N+7.44	M5	C8-1-1	Top	-29.5528	2.1778	-0.2767	0.0112	0.9243	6.8242
N+7.44	M5	C8-1-2	Top	-29.5528	-1.5151	-0.2767	0.0112	0.5596	6.8242
N+7.44	M5	C8-1-3	Top	-29.5528	2.1778	-0.4669	0.0112	0.9243	2.4805
N+7.44	M5	C8-1-4	Top	-29.5528	-1.5151	-0.4669	0.0112	0.5596	2.4805
N+7.44	M5	C8-1-5	Top	-32.31	2.1778	-0.2767	-0.1995	0.9243	6.8242
N+7.44	M5	C8-1-6	Top	-32.31	-1.5151	-0.2767	-0.1995	0.5596	6.8242
N+7.44	M5	C8-1-7	Top	-32.31	2.1778	-0.4669	-0.1995	0.9243	2.4805
N+7.44	M5	C8-1-8	Top	-32.31	-1.5151	-0.4669	-0.1995	0.5596	2.4805
N+7.44	M5	C8-2-1	Top	-11.9763	3.6819	-0.4698	0.5746	1.055	-6.5205
N+7.44	M5	C8-2-2	Top	-11.9763	-0.0109	-0.4698	0.5746	0.6903	-6.5205
N+7.44	M5	C8-2-3	Top	-11.9763	3.6819	-0.66	0.5746	1.055	-10.8642
N+7.44	M5	C8-2-4	Top	-11.9763	-0.0109	-0.66	0.5746	0.6903	-10.8642
N+7.44	M5	C8-2-5	Top	-14.7336	3.6819	-0.4698	0.3639	1.055	-6.5205
N+7.44	M5	C8-2-6	Top	-14.7336	-0.0109	-0.4698	0.3639	0.6903	-6.5205
N+7.44	M5	C8-2-7	Top	-14.7336	3.6819	-0.66	0.3639	1.055	-10.8642
N+7.44	M5	C8-2-8	Top	-14.7336	-0.0109	-0.66	0.3639	0.6903	-10.8642
N+7.44	M5	C8-3-1	Top	-35.7247	-1.4222	0.0405	-0.2623	0.419	8.4697
N+7.44	M5	C8-3-2	Top	-35.7247	-5.1151	0.0405	-0.2623	0.0543	8.4697
N+7.44	M5	C8-3-3	Top	-35.7247	-1.4222	-0.1497	-0.2623	0.419	4.126
N+7.44	M5	C8-3-4	Top	-35.7247	-5.1151	-0.1497	-0.2623	0.0543	4.126
N+7.44	M5	C8-3-5	Top	-38.4819	-1.4222	0.0405	-0.473	0.419	8.4697
N+7.44	M5	C8-3-6	Top	-38.4819	-5.1151	0.0405	-0.473	0.0543	8.4697
N+7.44	M5	C8-3-7	Top	-38.4819	-1.4222	-0.1497	-0.473	0.419	4.126
N+7.44	M5	C8-3-8	Top	-38.4819	-5.1151	-0.1497	-0.473	0.0543	4.126
N+7.44	M5	C9-1	Top	-5.8045	12.1089	-0.7869	0.9003	2.294	-1.5123
N+7.44	M5	C9-2	Top	-5.8045	3.589	-0.7869	0.9003	1.1956	-1.5123
N+7.44	M5	C9-3	Top	-5.8045	12.1089	-1.36	0.9003	2.294	-12.5097
N+7.44	M5	C9-4	Top	-5.8045	3.589	-1.36	0.9003	1.1956	-12.5097
N+7.44	M5	C9-5	Top	-10.7845	12.1089	-0.7869	0.6374	2.294	-1.5123
N+7.44	M5	C9-6	Top	-10.7845	3.589	-0.7869	0.6374	1.1956	-1.5123
N+7.44	M5	C9-7	Top	-10.7845	12.1089	-1.36	0.6374	2.294	-12.5097
N+7.44	M5	C9-8	Top	-10.7845	3.589	-1.36	0.6374	1.1956	-12.5097
N+7.44	M5	C9-1-1	Top	-26.3774	0.1091	0.2703	-0.0112	0.6098	3.9726
N+7.44	M5	C9-1-2	Top	-26.3774	-8.4108	0.2703	-0.0112	-0.4886	3.9726
N+7.44	M5	C9-1-3	Top	-26.3774	0.1091	-0.3028	-0.0112	0.6098	-7.0247

N+7.44	M5	C9-1-4	Top	-26.3774	-8.4108	-0.3028	-0.0112	-0.4886	-7.0247
N+7.44	M5	C9-1-5	Top	-31.3574	0.1091	0.2703	-0.2742	0.6098	3.9726
N+7.44	M5	C9-1-6	Top	-31.3574	-8.4108	0.2703	-0.2742	-0.4886	3.9726
N+7.44	M5	C9-1-7	Top	-31.3574	0.1091	-0.3028	-0.2742	0.6098	-7.0247
N+7.44	M5	C9-1-8	Top	-31.3574	-8.4108	-0.3028	-0.2742	-0.4886	-7.0247
N+7.44	M5	C9-2-1	Top	-12.929	10.5776	-0.6338	0.6493	2.1032	2.9847
N+7.44	M5	C9-2-2	Top	-12.929	2.0578	-0.6338	0.6493	1.0048	2.9847
N+7.44	M5	C9-2-3	Top	-12.929	10.5776	-1.2069	0.6493	2.1032	-8.0126
N+7.44	M5	C9-2-4	Top	-12.929	2.0578	-1.2069	0.6493	1.0048	-8.0126
N+7.44	M5	C9-2-5	Top	-17.909	10.5776	-0.6338	0.3863	2.1032	2.9847
N+7.44	M5	C9-2-6	Top	-17.909	2.0578	-0.6338	0.3863	1.0048	2.9847
N+7.44	M5	C9-2-7	Top	-17.909	10.5776	-1.2069	0.3863	2.1032	-8.0126
N+7.44	M5	C9-2-8	Top	-17.909	2.0578	-1.2069	0.3863	1.0048	-8.0126
N+7.44	M5	C9-3-1	Top	-33.5019	-1.4222	0.4234	-0.2623	0.419	8.4697
N+7.44	M5	C9-3-2	Top	-33.5019	-9.942	0.4234	-0.2623	-0.6794	8.4697
N+7.44	M5	C9-3-3	Top	-33.5019	-1.4222	-0.1497	-0.2623	0.419	-2.5277
N+7.44	M5	C9-3-4	Top	-33.5019	-9.942	-0.1497	-0.2623	-0.6794	-2.5277
N+7.44	M5	C9-3-5	Top	-38.4819	-1.4222	0.4234	-0.5252	0.419	8.4697
N+7.44	M5	C9-3-6	Top	-38.4819	-9.942	0.4234	-0.5252	-0.6794	8.4697
N+7.44	M5	C9-3-7	Top	-38.4819	-1.4222	-0.1497	-0.5252	0.419	-2.5277
N+7.44	M5	C9-3-8	Top	-38.4819	-9.942	-0.1497	-0.5252	-0.6794	-2.5277
N+7.44	M5	C10-1	Top	-14.294	0.5144	-0.2612	0.1059	0.4388	-0.9066
N+7.44	M5	C11-1	Top	-13.864	0.5447	-0.2586	0.1036	0.4349	-0.9753
N+7.44	M6	C1-1	Top	-23.7476	0.2912	0.1323	-0.0152	-0.2395	-0.8021
N+7.44	M6	C2-1	Top	-26.8946	0.5456	0.2029	-0.0301	-0.37	-1.394
N+7.44	M6	C3-1	Top	-25.2613	0.4252	0.1658	-0.0202	-0.3028	-1.0988
N+7.44	M6	C4-1	Top	-21.5001	0.2366	0.1084	-0.0081	-0.1977	-0.6452
N+7.44	M6	C5-1	Top	-21.2456	0.2395	0.1095	-0.0092	-0.1994	-0.6546
N+7.44	M6	C6-1	Top	-24.816	0.4303	0.1677	-0.0221	-0.3057	-1.1152
N+7.44	M6	C7-1	Top	-24.3071	0.4361	0.1699	-0.0243	-0.3091	-1.1341
N+7.44	M6	C8-1	Top	-33.3612	-3.5274	-0.4117	0.7798	0.9246	8.1241
N+7.44	M6	C8-2	Top	-33.3612	-7.866	-0.4117	0.7798	0.5696	8.1241
N+7.44	M6	C8-3	Top	-33.3612	-3.5274	-0.6496	0.7798	0.9246	7.4327
N+7.44	M6	C8-4	Top	-33.3612	-7.866	-0.6496	0.7798	0.5696	7.4327
N+7.44	M6	C8-5	Top	-44.5748	-3.5274	-0.4117	0.4619	0.9246	8.1241
N+7.44	M6	C8-6	Top	-44.5748	-7.866	-0.4117	0.4619	0.5696	8.1241
N+7.44	M6	C8-7	Top	-44.5748	-3.5274	-0.6496	0.4619	0.9246	7.4327

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N+7.44	M6	C8-8	Top	-44.5748	-7.866	-0.6496	0.4619	0.5696	7.4327
N+7.44	M6	C8-1-1	Top	-3.0805	9.1407	0.7514	-0.2736	-0.8128	-5.9224
N+7.44	M6	C8-1-2	Top	-3.0805	4.8021	0.7514	-0.2736	-1.1678	-5.9224
N+7.44	M6	C8-1-3	Top	-3.0805	9.1407	0.5136	-0.2736	-0.8128	-6.6139
N+7.44	M6	C8-1-4	Top	-3.0805	4.8021	0.5136	-0.2736	-1.1678	-6.6139
N+7.44	M6	C8-1-5	Top	-14.2941	9.1407	0.7514	-0.5916	-0.8128	-5.9224
N+7.44	M6	C8-1-6	Top	-14.2941	4.8021	0.7514	-0.5916	-1.1678	-5.9224
N+7.44	M6	C8-1-7	Top	-14.2941	9.1407	0.5136	-0.5916	-0.8128	-6.6139
N+7.44	M6	C8-1-8	Top	-14.2941	4.8021	0.5136	-0.5916	-1.1678	-6.6139
N+7.44	M6	C8-2-1	Top	-34.1929	-3.9284	-0.1731	0.5425	0.5487	4.341
N+7.44	M6	C8-2-2	Top	-34.1929	-8.2669	-0.1731	0.5425	0.1938	4.341
N+7.44	M6	C8-2-3	Top	-34.1929	-3.9284	-0.411	0.5425	0.5487	3.6496
N+7.44	M6	C8-2-4	Top	-34.1929	-8.2669	-0.411	0.5425	0.1938	3.6496
N+7.44	M6	C8-2-5	Top	-45.4065	-3.9284	-0.1731	0.2246	0.5487	4.341
N+7.44	M6	C8-2-6	Top	-45.4065	-8.2669	-0.1731	0.2246	0.1938	4.341
N+7.44	M6	C8-2-7	Top	-45.4065	-3.9284	-0.411	0.2246	0.5487	3.6496
N+7.44	M6	C8-2-8	Top	-45.4065	-8.2669	-0.411	0.2246	0.1938	3.6496
N+7.44	M6	C8-3-1	Top	-3.9122	8.7397	0.99	-0.5109	-1.1887	-9.7055
N+7.44	M6	C8-3-2	Top	-3.9122	4.4011	0.99	-0.5109	-1.5437	-9.7055
N+7.44	M6	C8-3-3	Top	-3.9122	8.7397	0.7521	-0.5109	-1.1887	-10.3969
N+7.44	M6	C8-3-4	Top	-3.9122	4.4011	0.7521	-0.5109	-1.5437	-10.3969
N+7.44	M6	C8-3-5	Top	-15.1258	8.7397	0.99	-0.8289	-1.1887	-9.7055
N+7.44	M6	C8-3-6	Top	-15.1258	4.4011	0.99	-0.8289	-1.5437	-9.7055
N+7.44	M6	C8-3-7	Top	-15.1258	8.7397	0.7521	-0.8289	-1.1887	-10.3969
N+7.44	M6	C8-3-8	Top	-15.1258	4.4011	0.7521	-0.8289	-1.5437	-10.3969
N+7.44	M6	C9-1	Top	-10.224	6.2759	-0.1542	0.7798	0.9246	8.1241
N+7.44	M6	C9-2	Top	-10.224	-7.866	-0.1542	0.7798	0.2305	8.1241
N+7.44	M6	C9-3	Top	-10.224	6.2759	-0.6496	0.7798	0.9246	6.4272
N+7.44	M6	C9-4	Top	-10.224	-7.866	-0.6496	0.7798	0.2305	6.4272
N+7.44	M6	C9-5	Top	-44.5748	6.2759	-0.1542	0.2782	0.9246	8.1241
N+7.44	M6	C9-6	Top	-44.5748	-7.866	-0.1542	0.2782	0.2305	8.1241
N+7.44	M6	C9-7	Top	-44.5748	6.2759	-0.6496	0.2782	0.9246	6.4272
N+7.44	M6	C9-8	Top	-44.5748	-7.866	-0.6496	0.2782	0.2305	6.4272
N+7.44	M6	C9-1-1	Top	-12.9964	4.9393	0.6411	-0.0112	-0.3283	-4.4861
N+7.44	M6	C9-1-2	Top	-12.9964	-9.2026	0.6411	-0.0112	-1.0224	-4.4861
N+7.44	M6	C9-1-3	Top	-12.9964	4.9393	0.1457	-0.0112	-0.3283	-6.183
N+7.44	M6	C9-1-4	Top	-12.9964	-9.2026	0.1457	-0.0112	-1.0224	-6.183

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N+7.44	M6	C9-1-5	Top	-47.3472	4.9393	0.6411	-0.5128	-0.3283	-4.4861
N+7.44	M6	C9-1-6	Top	-47.3472	-9.2026	0.6411	-0.5128	-1.0224	-4.4861
N+7.44	M6	C9-1-7	Top	-47.3472	4.9393	0.1457	-0.5128	-0.3283	-6.183
N+7.44	M6	C9-1-8	Top	-47.3472	-9.2026	0.1457	-0.5128	-1.0224	-6.183
N+7.44	M6	C9-2-1	Top	-1.1398	10.0763	0.1948	0.4638	0.4034	3.9101
N+7.44	M6	C9-2-2	Top	-1.1398	-4.0656	0.1948	0.4638	-0.2908	3.9101
N+7.44	M6	C9-2-3	Top	-1.1398	10.0763	-0.3006	0.4638	0.4034	2.2133
N+7.44	M6	C9-2-4	Top	-1.1398	-4.0656	-0.3006	0.4638	-0.2908	2.2133
N+7.44	M6	C9-2-5	Top	-35.4906	10.0763	0.1948	-0.0378	0.4034	3.9101
N+7.44	M6	C9-2-6	Top	-35.4906	-4.0656	0.1948	-0.0378	-0.2908	3.9101
N+7.44	M6	C9-2-7	Top	-35.4906	10.0763	-0.3006	-0.0378	0.4034	2.2133
N+7.44	M6	C9-2-8	Top	-35.4906	-4.0656	-0.3006	-0.0378	-0.2908	2.2133
N+7.44	M6	C9-3-1	Top	-3.9122	8.7397	0.99	-0.3273	-0.8495	-8.7001
N+7.44	M6	C9-3-2	Top	-3.9122	-5.4021	0.99	-0.3273	-1.5437	-8.7001
N+7.44	M6	C9-3-3	Top	-3.9122	8.7397	0.4946	-0.3273	-0.8495	-10.3969
N+7.44	M6	C9-3-4	Top	-3.9122	-5.4021	0.4946	-0.3273	-1.5437	-10.3969
N+7.44	M6	C9-3-5	Top	-38.263	8.7397	0.99	-0.8289	-0.8495	-8.7001
N+7.44	M6	C9-3-6	Top	-38.263	-5.4021	0.99	-0.8289	-1.5437	-8.7001
N+7.44	M6	C9-3-7	Top	-38.263	8.7397	0.4946	-0.8289	-0.8495	-10.3969
N+7.44	M6	C9-3-8	Top	-38.263	-5.4021	0.4946	-0.8289	-1.5437	-10.3969
N+7.44	M6	C10-1	Top	-15.5207	0.1843	0.0839	-0.0087	-0.1523	-0.5062
N+7.44	M6	C11-1	Top	-15.0119	0.1901	0.0861	-0.0108	-0.1556	-0.5251
N+7.44	M7	C1-1	Top	-63.0313	-6.9577	0.0256	0.1911	-0.0536	24.0572
N+7.44	M7	C2-1	Top	-63.0294	-10.0307	0.0633	0.2592	-0.1399	29.867
N+7.44	M7	C3-1	Top	-62.0286	-8.6685	0.0401	0.2349	-0.0858	28.1027
N+7.44	M7	C4-1	Top	-57.3474	-6.1915	0.0111	0.1798	-0.0196	23.0016
N+7.44	M7	C5-1	Top	-56.6095	-6.1409	0.0135	0.1762	-0.0254	22.4725
N+7.44	M7	C6-1	Top	-60.7373	-8.5799	0.0442	0.2287	-0.096	27.1767
N+7.44	M7	C7-1	Top	-59.2614	-8.4787	0.049	0.2215	-0.1078	26.1185
N+7.44	M7	C8-1	Top	-41.4888	93.9449	0.3361	1.9976	0.1782	22.6236
N+7.44	M7	C8-2	Top	-41.4888	43.3421	0.3361	1.9976	-0.3514	22.6236
N+7.44	M7	C8-3	Top	-41.4888	93.9449	-0.3684	1.9976	0.1782	-8.4533
N+7.44	M7	C8-4	Top	-41.4888	43.3421	-0.3684	1.9976	-0.3514	-8.4533
N+7.44	M7	C8-5	Top	-94.5897	93.9449	0.3361	1.0775	0.1782	22.6236
N+7.44	M7	C8-6	Top	-94.5897	43.3421	0.3361	1.0775	-0.3514	22.6236
N+7.44	M7	C8-7	Top	-94.5897	93.9449	-0.3684	1.0775	0.1782	-8.4533
N+7.44	M7	C8-8	Top	-94.5897	43.3421	-0.3684	1.0775	-0.3514	-8.4533

N+7.44	M7	C8-1-1	Top	-61.227	-47.3047	0.8851	-0.142	-0.1719	59.4287
N+7.44	M7	C8-1-2	Top	-61.227	-97.9075	0.8851	-0.142	-0.7016	59.4287
N+7.44	M7	C8-1-3	Top	-61.227	-47.3047	0.1807	-0.142	-0.1719	28.3518
N+7.44	M7	C8-1-4	Top	-61.227	-97.9075	0.1807	-0.142	-0.7016	28.3518
N+7.44	M7	C8-1-5	Top	-114.3279	-47.3047	0.8851	-1.0622	-0.1719	59.4287
N+7.44	M7	C8-1-6	Top	-114.3279	-97.9075	0.8851	-1.0622	-0.7016	59.4287
N+7.44	M7	C8-1-7	Top	-114.3279	-47.3047	0.1807	-1.0622	-0.1719	28.3518
N+7.44	M7	C8-1-8	Top	-114.3279	-97.9075	0.1807	-1.0622	-0.7016	28.3518
N+7.44	M7	C8-2-1	Top	-3.826	80.9754	-0.0814	1.5035	0.4831	23.6206
N+7.44	M7	C8-2-2	Top	-3.826	30.3727	-0.0814	1.5035	-0.0466	23.6206
N+7.44	M7	C8-2-3	Top	-3.826	80.9754	-0.7859	1.5035	0.4831	-7.4564
N+7.44	M7	C8-2-4	Top	-3.826	30.3727	-0.7859	1.5035	-0.0466	-7.4564
N+7.44	M7	C8-2-5	Top	-56.9269	80.9754	-0.0814	0.5834	0.4831	23.6206
N+7.44	M7	C8-2-6	Top	-56.9269	30.3727	-0.0814	0.5834	-0.0466	23.6206
N+7.44	M7	C8-2-7	Top	-56.9269	80.9754	-0.7859	0.5834	0.4831	-7.4564
N+7.44	M7	C8-2-8	Top	-56.9269	30.3727	-0.7859	0.5834	-0.0466	-7.4564
N+7.44	M7	C8-3-1	Top	-23.5642	-60.2741	0.4676	-0.6362	0.133	60.4256
N+7.44	M7	C8-3-2	Top	-23.5642	-110.8769	0.4676	-0.6362	-0.3967	60.4256
N+7.44	M7	C8-3-3	Top	-23.5642	-60.2741	-0.2368	-0.6362	0.133	29.3487
N+7.44	M7	C8-3-4	Top	-23.5642	-110.8769	-0.2368	-0.6362	-0.3967	29.3487
N+7.44	M7	C8-3-5	Top	-76.6651	-60.2741	0.4676	-1.5563	0.133	60.4256
N+7.44	M7	C8-3-6	Top	-76.6651	-110.8769	0.4676	-1.5563	-0.3967	60.4256
N+7.44	M7	C8-3-7	Top	-76.6651	-60.2741	-0.2368	-1.5563	0.133	29.3487
N+7.44	M7	C8-3-8	Top	-76.6651	-110.8769	-0.2368	-1.5563	-0.3967	29.3487
N+7.44	M7	C9-1	Top	-41.4888	93.9449	1.6946	1.9976	0.1782	46.061
N+7.44	M7	C9-2	Top	-41.4888	-25.2706	1.6946	1.9976	-1.3079	46.061
N+7.44	M7	C9-3	Top	-41.4888	93.9449	-0.3684	1.9976	0.1782	-8.4533
N+7.44	M7	C9-4	Top	-41.4888	-25.2706	-0.3684	1.9976	-1.3079	-8.4533
N+7.44	M7	C9-5	Top	-196.2862	93.9449	1.6946	0.7328	0.1782	46.061
N+7.44	M7	C9-6	Top	-196.2862	-25.2706	1.6946	0.7328	-1.3079	46.061
N+7.44	M7	C9-7	Top	-196.2862	93.9449	-0.3684	0.7328	0.1782	-8.4533
N+7.44	M7	C9-8	Top	-196.2862	-25.2706	-0.3684	0.7328	-1.3079	-8.4533
N+7.44	M7	C9-1-1	Top	84.0538	50.7134	0.3029	0.3504	1.1945	49.3841
N+7.44	M7	C9-1-2	Top	84.0538	-68.502	0.3029	0.3504	-0.2917	49.3841
N+7.44	M7	C9-1-3	Top	84.0538	50.7134	-1.76	0.3504	1.1945	-5.1302
N+7.44	M7	C9-1-4	Top	84.0538	-68.502	-1.76	0.3504	-0.2917	-5.1302
N+7.44	M7	C9-1-5	Top	-70.7437	50.7134	0.3029	-0.9144	1.1945	49.3841

N+7.44	M7	C9-1-6	Top	-70.7437	-68.502	0.3029	-0.9144	-0.2917	49.3841
N+7.44	M7	C9-1-7	Top	-70.7437	50.7134	-1.76	-0.9144	1.1945	-5.1302
N+7.44	M7	C9-1-8	Top	-70.7437	-68.502	-1.76	-0.9144	-0.2917	-5.1302
N+7.44	M7	C9-2-1	Top	-47.4102	51.57	1.8593	1.3557	0.0732	57.1026
N+7.44	M7	C9-2-2	Top	-47.4102	-67.6454	1.8593	1.3557	-1.413	57.1026
N+7.44	M7	C9-2-3	Top	-47.4102	51.57	-0.2037	1.3557	0.0732	2.5882
N+7.44	M7	C9-2-4	Top	-47.4102	-67.6454	-0.2037	1.3557	-1.413	2.5882
N+7.44	M7	C9-2-5	Top	-202.2077	51.57	1.8593	0.0909	0.0732	57.1026
N+7.44	M7	C9-2-6	Top	-202.2077	-67.6454	1.8593	0.0909	-1.413	57.1026
N+7.44	M7	C9-2-7	Top	-202.2077	51.57	-0.2037	0.0909	0.0732	2.5882
N+7.44	M7	C9-2-8	Top	-202.2077	-67.6454	-0.2037	0.0909	-1.413	2.5882
N+7.44	M7	C9-3-1	Top	78.1323	8.3385	0.4676	-0.2915	1.0894	60.4256
N+7.44	M7	C9-3-2	Top	78.1323	-110.8769	0.4676	-0.2915	-0.3967	60.4256
N+7.44	M7	C9-3-3	Top	78.1323	8.3385	-1.5953	-0.2915	1.0894	5.9113
N+7.44	M7	C9-3-4	Top	78.1323	-110.8769	-1.5953	-0.2915	-0.3967	5.9113
N+7.44	M7	C9-3-5	Top	-76.6651	8.3385	0.4676	-1.5563	1.0894	60.4256
N+7.44	M7	C9-3-6	Top	-76.6651	-110.8769	0.4676	-1.5563	-0.3967	60.4256
N+7.44	M7	C9-3-7	Top	-76.6651	8.3385	-1.5953	-1.5563	1.0894	5.9113
N+7.44	M7	C9-3-8	Top	-76.6651	-110.8769	-1.5953	-1.5563	-0.3967	5.9113
N+7.44	M7	C10-1	Top	-41.258	-4.5234	0.014	0.1264	-0.0286	15.9945
N+7.44	M7	C11-1	Top	-39.7822	-4.4222	0.0188	0.1193	-0.0403	14.9362
N+7.44	M8	C1-1	Top	-26.7961	-2.0091	0.0294	0.1253	-0.0705	2.1653
N+7.44	M8	C2-1	Top	-27.311	-2.3262	0.0356	0.1547	-0.083	2.296
N+7.44	M8	C3-1	Top	-26.2463	-2.219	0.0319	0.1441	-0.0774	2.2916
N+7.44	M8	C4-1	Top	-23.7565	-1.8889	0.0255	0.1175	-0.0645	2.0805
N+7.44	M8	C5-1	Top	-23.5813	-1.8518	0.0254	0.1152	-0.0636	2.0306
N+7.44	M8	C6-1	Top	-25.9397	-2.1541	0.0318	0.1402	-0.0759	2.2043
N+7.44	M8	C7-1	Top	-25.5893	-2.0799	0.0316	0.1358	-0.0741	2.1045
N+7.44	M8	C8-1	Top	10.7087	16.3317	-0.0352	0.8887	0.0471	-18.1613
N+7.44	M8	C8-2	Top	10.7087	-8.4246	-0.0352	0.8887	-0.0268	-18.1613
N+7.44	M8	C8-3	Top	10.7087	16.3317	-0.0886	0.8887	0.0471	-27.3004
N+7.44	M8	C8-4	Top	10.7087	-8.4246	-0.0886	0.8887	-0.0268	-27.3004
N+7.44	M8	C8-5	Top	-27.3672	16.3317	-0.0352	0.5239	0.0471	-18.1613
N+7.44	M8	C8-6	Top	-27.3672	-8.4246	-0.0352	0.5239	-0.0268	-18.1613
N+7.44	M8	C8-7	Top	-27.3672	16.3317	-0.0886	0.5239	0.0471	-27.3004
N+7.44	M8	C8-8	Top	-27.3672	-8.4246	-0.0886	0.5239	-0.0268	-27.3004
N+7.44	M8	C8-1-1	Top	-1.19	19.0573	0.1311	-0.02	-0.1027	21.3198

N+7.44	M8	C8-1-2	Top	-1.19	-5.6991	0.1311	-0.02	-0.1766	21.3198
N+7.44	M8	C8-1-3	Top	-1.19	19.0573	0.0777	-0.02	-0.1027	12.1806
N+7.44	M8	C8-1-4	Top	-1.19	-5.6991	0.0777	-0.02	-0.1766	12.1806
N+7.44	M8	C8-1-5	Top	-39.2659	19.0573	0.1311	-0.3848	-0.1027	21.3198
N+7.44	M8	C8-1-6	Top	-39.2659	-5.6991	0.1311	-0.3848	-0.1766	21.3198
N+7.44	M8	C8-1-7	Top	-39.2659	19.0573	0.0777	-0.3848	-0.1027	12.1806
N+7.44	M8	C8-1-8	Top	-39.2659	-5.6991	0.0777	-0.3848	-0.1766	12.1806
N+7.44	M8	C8-2-1	Top	-11.8252	1.5577	-0.0144	0.6553	0.0288	-7.9966
N+7.44	M8	C8-2-2	Top	-11.8252	-23.1986	-0.0144	0.6553	-0.045	-7.9966
N+7.44	M8	C8-2-3	Top	-11.8252	1.5577	-0.0678	0.6553	0.0288	-17.1358
N+7.44	M8	C8-2-4	Top	-11.8252	-23.1986	-0.0678	0.6553	-0.045	-17.1358
N+7.44	M8	C8-2-5	Top	-49.9011	1.5577	-0.0144	0.2905	0.0288	-7.9966
N+7.44	M8	C8-2-6	Top	-49.9011	-23.1986	-0.0144	0.2905	-0.045	-7.9966
N+7.44	M8	C8-2-7	Top	-49.9011	1.5577	-0.0678	0.2905	0.0288	-17.1358
N+7.44	M8	C8-2-8	Top	-49.9011	-23.1986	-0.0678	0.2905	-0.045	-17.1358
N+7.44	M8	C8-3-1	Top	-23.7239	4.2833	0.1518	-0.2534	-0.1209	31.4844
N+7.44	M8	C8-3-2	Top	-23.7239	-20.4731	0.1518	-0.2534	-0.1948	31.4844
N+7.44	M8	C8-3-3	Top	-23.7239	4.2833	0.0984	-0.2534	-0.1209	22.3453
N+7.44	M8	C8-3-4	Top	-23.7239	-20.4731	0.0984	-0.2534	-0.1948	22.3453
N+7.44	M8	C8-3-5	Top	-61.7998	4.2833	0.1518	-0.6182	-0.1209	31.4844
N+7.44	M8	C8-3-6	Top	-61.7998	-20.4731	0.1518	-0.6182	-0.1948	31.4844
N+7.44	M8	C8-3-7	Top	-61.7998	4.2833	0.0984	-0.6182	-0.1209	22.3453
N+7.44	M8	C8-3-8	Top	-61.7998	-20.4731	0.0984	-0.6182	-0.1948	22.3453
N+7.44	M8	C9-1	Top	54.9586	52.7122	0.0328	0.8887	0.0471	-14.2421
N+7.44	M8	C9-2	Top	54.9586	-8.4246	0.0328	0.8887	-0.0891	-14.2421
N+7.44	M8	C9-3	Top	54.9586	52.7122	-0.0886	0.8887	0.0471	-27.3004
N+7.44	M8	C9-4	Top	54.9586	-8.4246	-0.0886	0.8887	-0.0891	-27.3004
N+7.44	M8	C9-5	Top	-27.3672	52.7122	0.0328	0.4324	0.0471	-14.2421
N+7.44	M8	C9-6	Top	-27.3672	-8.4246	0.0328	0.4324	-0.0891	-14.2421
N+7.44	M8	C9-7	Top	-27.3672	52.7122	-0.0886	0.4324	0.0471	-27.3004
N+7.44	M8	C9-8	Top	-27.3672	-8.4246	-0.0886	0.4324	-0.0891	-27.3004
N+7.44	M8	C9-1-1	Top	-20.1543	3.4656	0.1019	0.1107	-0.0137	19.6401
N+7.44	M8	C9-1-2	Top	-20.1543	-57.6712	0.1019	0.1107	-0.1498	19.6401
N+7.44	M8	C9-1-3	Top	-20.1543	3.4656	-0.0194	0.1107	-0.0137	6.5818
N+7.44	M8	C9-1-4	Top	-20.1543	-57.6712	-0.0194	0.1107	-0.1498	6.5818
N+7.44	M8	C9-1-5	Top	-102.48	3.4656	0.1019	-0.3456	-0.0137	19.6401
N+7.44	M8	C9-1-6	Top	-102.48	-57.6712	0.1019	-0.3456	-0.1498	19.6401

N+7.44	M8	C9-1-7	Top	-102.48	3.4656	-0.0194	-0.3456	-0.0137	6.5818
N+7.44	M8	C9-1-8	Top	-102.48	-57.6712	-0.0194	-0.3456	-0.1498	6.5818
N+7.44	M8	C9-2-1	Top	51.3889	53.5299	0.0826	0.616	0.0021	-2.3978
N+7.44	M8	C9-2-2	Top	51.3889	-7.6069	0.0826	0.616	-0.1341	-2.3978
N+7.44	M8	C9-2-3	Top	51.3889	53.5299	-0.0387	0.616	0.0021	-15.4561
N+7.44	M8	C9-2-4	Top	51.3889	-7.6069	-0.0387	0.616	-0.1341	-15.4561
N+7.44	M8	C9-2-5	Top	-30.9368	53.5299	0.0826	0.1598	0.0021	-2.3978
N+7.44	M8	C9-2-6	Top	-30.9368	-7.6069	0.0826	0.1598	-0.1341	-2.3978
N+7.44	M8	C9-2-7	Top	-30.9368	53.5299	-0.0387	0.1598	0.0021	-15.4561
N+7.44	M8	C9-2-8	Top	-30.9368	-7.6069	-0.0387	0.1598	-0.1341	-15.4561
N+7.44	M8	C9-3-1	Top	-23.7239	4.2833	0.1518	-0.1619	-0.0586	31.4844
N+7.44	M8	C9-3-2	Top	-23.7239	-56.8536	0.1518	-0.1619	-0.1948	31.4844
N+7.44	M8	C9-3-3	Top	-23.7239	4.2833	0.0305	-0.1619	-0.0586	18.4261
N+7.44	M8	C9-3-4	Top	-23.7239	-56.8536	0.0305	-0.1619	-0.1948	18.4261
N+7.44	M8	C9-3-5	Top	-106.0497	4.2833	0.1518	-0.6182	-0.0586	31.4844
N+7.44	M8	C9-3-6	Top	-106.0497	-56.8536	0.1518	-0.6182	-0.1948	31.4844
N+7.44	M8	C9-3-7	Top	-106.0497	4.2833	0.0305	-0.6182	-0.0586	18.4261
N+7.44	M8	C9-3-8	Top	-106.0497	-56.8536	0.0305	-0.6182	-0.1948	18.4261
N+7.44	M8	C10-1	Top	-17.4013	-1.3286	0.019	0.0828	-0.0462	1.4419
N+7.44	M8	C11-1	Top	-17.0509	-1.2545	0.0188	0.0783	-0.0444	1.3421
N+7.44	M9	C1-1	Top	-29.4503	3.5442	-0.0621	0.0556	0.103	-6.3644
N+7.44	M9	C2-1	Top	-31.1281	5.5988	-0.082	0.0803	0.1322	-10.3754
N+7.44	M9	C3-1	Top	-29.967	4.5974	-0.0733	0.0718	0.1201	-8.3168
N+7.44	M9	C4-1	Top	-26.7051	2.9806	-0.0562	0.0529	0.0944	-5.1567
N+7.44	M9	C5-1	Top	-26.3802	2.9933	-0.0556	0.0517	0.093	-5.2231
N+7.44	M9	C6-1	Top	-29.3984	4.6197	-0.0722	0.0698	0.1177	-8.4329
N+7.44	M9	C7-1	Top	-28.7486	4.6452	-0.0709	0.0675	0.115	-8.5656
N+7.44	M9	C8-1	Top	-45.9175	8.0258	-0.4012	0.7912	0.6739	12.2282
N+7.44	M9	C8-2	Top	-45.9175	-9.3327	-0.4012	0.7912	0.5957	12.2282
N+7.44	M9	C8-3	Top	-45.9175	8.0258	-0.4648	0.7912	0.6739	-5.1747
N+7.44	M9	C8-4	Top	-45.9175	-9.3327	-0.4648	0.7912	0.5957	-5.1747
N+7.44	M9	C8-5	Top	-84.8117	8.0258	-0.4012	0.4913	0.6739	12.2282
N+7.44	M9	C8-6	Top	-84.8117	-9.3327	-0.4012	0.4913	0.5957	12.2282
N+7.44	M9	C8-7	Top	-84.8117	8.0258	-0.4648	0.4913	0.6739	-5.1747
N+7.44	M9	C8-8	Top	-84.8117	-9.3327	-0.4648	0.4913	0.5957	-5.1747
N+7.44	M9	C8-1-1	Top	33.5932	28.2018	0.2012	-0.123	-0.1797	-17.5027
N+7.44	M9	C8-1-2	Top	33.5932	10.8433	0.2012	-0.123	-0.2579	-17.5027

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N+7.44	M9	C8-1-3	Top	33.5932	28.2018	0.1376	-0.123	-0.1797	-34.9056
N+7.44	M9	C8-1-4	Top	33.5932	10.8433	0.1376	-0.123	-0.2579	-34.9056
N+7.44	M9	C8-1-5	Top	-5.301	28.2018	0.2012	-0.423	-0.1797	-17.5027
N+7.44	M9	C8-1-6	Top	-5.301	10.8433	0.2012	-0.423	-0.2579	-17.5027
N+7.44	M9	C8-1-7	Top	-5.301	28.2018	0.1376	-0.423	-0.1797	-34.9056
N+7.44	M9	C8-1-8	Top	-5.301	10.8433	0.1376	-0.423	-0.2579	-34.9056
N+7.44	M9	C8-2-1	Top	-52.0339	-1.5465	-0.279	0.5573	0.4873	17.7412
N+7.44	M9	C8-2-2	Top	-52.0339	-18.905	-0.279	0.5573	0.409	17.7412
N+7.44	M9	C8-2-3	Top	-52.0339	-1.5465	-0.3426	0.5573	0.4873	0.3384
N+7.44	M9	C8-2-4	Top	-52.0339	-18.905	-0.3426	0.5573	0.409	0.3384
N+7.44	M9	C8-2-5	Top	-90.9281	-1.5465	-0.279	0.2574	0.4873	17.7412
N+7.44	M9	C8-2-6	Top	-90.9281	-18.905	-0.279	0.2574	0.409	17.7412
N+7.44	M9	C8-2-7	Top	-90.9281	-1.5465	-0.3426	0.2574	0.4873	0.3384
N+7.44	M9	C8-2-8	Top	-90.9281	-18.905	-0.3426	0.2574	0.409	0.3384
N+7.44	M9	C8-3-1	Top	27.4768	18.6295	0.3234	-0.3569	-0.3663	-11.9897
N+7.44	M9	C8-3-2	Top	27.4768	1.271	0.3234	-0.3569	-0.4446	-11.9897
N+7.44	M9	C8-3-3	Top	27.4768	18.6295	0.2598	-0.3569	-0.3663	-29.3926
N+7.44	M9	C8-3-4	Top	27.4768	1.271	0.2598	-0.3569	-0.4446	-29.3926
N+7.44	M9	C8-3-5	Top	-11.4174	18.6295	0.3234	-0.6569	-0.3663	-11.9897
N+7.44	M9	C8-3-6	Top	-11.4174	1.271	0.3234	-0.6569	-0.4446	-11.9897
N+7.44	M9	C8-3-7	Top	-11.4174	18.6295	0.2598	-0.6569	-0.3663	-29.3926
N+7.44	M9	C8-3-8	Top	-11.4174	1.271	0.2598	-0.6569	-0.4446	-29.3926
N+7.44	M9	C9-1	Top	24.0116	44.4844	-0.2647	0.7912	0.6739	12.2282
N+7.44	M9	C9-2	Top	24.0116	-9.3327	-0.2647	0.7912	0.4336	12.2282
N+7.44	M9	C9-3	Top	24.0116	44.4844	-0.4648	0.7912	0.6739	-38.8501
N+7.44	M9	C9-4	Top	24.0116	-9.3327	-0.4648	0.7912	0.4336	-38.8501
N+7.44	M9	C9-5	Top	-84.8117	44.4844	-0.2647	0.397	0.6739	12.2282
N+7.44	M9	C9-6	Top	-84.8117	-9.3327	-0.2647	0.397	0.4336	12.2282
N+7.44	M9	C9-7	Top	-84.8117	44.4844	-0.4648	0.397	0.6739	-38.8501
N+7.44	M9	C9-8	Top	-84.8117	-9.3327	-0.4648	0.397	0.4336	-38.8501
N+7.44	M9	C9-1-1	Top	3.6236	12.5767	0.1427	0.0116	0.0518	30.605
N+7.44	M9	C9-1-2	Top	3.6236	-41.2404	0.1427	0.0116	-0.1885	30.605
N+7.44	M9	C9-1-3	Top	3.6236	12.5767	-0.0574	0.0116	0.0518	-20.4733
N+7.44	M9	C9-1-4	Top	3.6236	-41.2404	-0.0574	0.0116	-0.1885	-20.4733
N+7.44	M9	C9-1-5	Top	-105.1997	12.5767	0.1427	-0.3826	0.0518	30.605
N+7.44	M9	C9-1-6	Top	-105.1997	-41.2404	0.1427	-0.3826	-0.1885	30.605
N+7.44	M9	C9-1-7	Top	-105.1997	12.5767	-0.0574	-0.3826	0.0518	-20.4733

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N+7.44	M9	C9-1-8	Top	-105.1997	-41.2404	-0.0574	-0.3826	-0.1885	-20.4733
N+7.44	M9	C9-2-1	Top	47.8649	50.5372	-0.084	0.517	0.4178	3.3089
N+7.44	M9	C9-2-2	Top	47.8649	-3.2799	-0.084	0.517	0.1775	3.3089
N+7.44	M9	C9-2-3	Top	47.8649	50.5372	-0.2841	0.517	0.4178	-47.7693
N+7.44	M9	C9-2-4	Top	47.8649	-3.2799	-0.2841	0.517	0.1775	-47.7693
N+7.44	M9	C9-2-5	Top	-60.9585	50.5372	-0.084	0.1228	0.4178	3.3089
N+7.44	M9	C9-2-6	Top	-60.9585	-3.2799	-0.084	0.1228	0.1775	3.3089
N+7.44	M9	C9-2-7	Top	-60.9585	50.5372	-0.2841	0.1228	0.4178	-47.7693
N+7.44	M9	C9-2-8	Top	-60.9585	-3.2799	-0.2841	0.1228	0.1775	-47.7693
N+7.44	M9	C9-3-1	Top	27.4768	18.6295	0.3234	-0.2627	-0.2043	21.6857
N+7.44	M9	C9-3-2	Top	27.4768	-35.1876	0.3234	-0.2627	-0.4446	21.6857
N+7.44	M9	C9-3-3	Top	27.4768	18.6295	0.1233	-0.2627	-0.2043	-29.3926
N+7.44	M9	C9-3-4	Top	27.4768	-35.1876	0.1233	-0.2627	-0.4446	-29.3926
N+7.44	M9	C9-3-5	Top	-81.3465	18.6295	0.3234	-0.6569	-0.2043	21.6857
N+7.44	M9	C9-3-6	Top	-81.3465	-35.1876	0.3234	-0.6569	-0.4446	21.6857
N+7.44	M9	C9-3-7	Top	-81.3465	18.6295	0.1233	-0.6569	-0.2043	-29.3926
N+7.44	M9	C9-3-8	Top	-81.3465	-35.1876	0.1233	-0.6569	-0.4446	-29.3926
N+7.44	M9	C10-1	Top	-19.2572	2.2657	-0.0406	0.0369	0.0675	-4.0251
N+7.44	M9	C11-1	Top	-18.6074	2.2912	-0.0393	0.0346	0.0648	-4.1578
N+7.44	M10	C1-1	Top	-37.1583	-4.6241	-0.1754	0.391	-1.0281	10.7159
N+7.44	M10	C2-1	Top	-36.4313	-7.3878	-0.4373	0.5582	-1.1856	13.3027
N+7.44	M10	C3-1	Top	-37.5348	-6.1783	-0.2629	0.4799	-1.2529	12.4866
N+7.44	M10	C4-1	Top	-35.7946	-4.0677	-0.057	0.3426	-1.1348	10.2029
N+7.44	M10	C5-1	Top	-34.918	-4.0446	-0.0777	0.341	-1.0785	9.9767
N+7.44	M10	C6-1	Top	-36.0008	-6.1377	-0.2992	0.477	-1.1542	12.0908
N+7.44	M10	C7-1	Top	-34.2476	-6.0914	-0.3407	0.4736	-1.0416	11.6384
N+7.44	M10	C8-1	Top	-69.0182	15.9839	-0.4783	1.1481	-1.1638	31.2495
N+7.44	M10	C8-2	Top	-69.0182	3.3798	-0.4783	1.1481	-1.1842	31.2495
N+7.44	M10	C8-3	Top	-69.0182	15.9839	-0.5763	1.1481	-1.1638	27.9457
N+7.44	M10	C8-4	Top	-69.0182	3.3798	-0.5763	1.1481	-1.1842	27.9457
N+7.44	M10	C8-5	Top	-86.1855	15.9839	-0.4783	0.8821	-1.1638	31.2495
N+7.44	M10	C8-6	Top	-86.1855	3.3798	-0.4783	0.8821	-1.1842	31.2495
N+7.44	M10	C8-7	Top	-86.1855	15.9839	-0.5763	0.8821	-1.1638	27.9457
N+7.44	M10	C8-8	Top	-86.1855	3.3798	-0.5763	0.8821	-1.1842	27.9457
N+7.44	M10	C8-1-1	Top	-7.902	-3.5286	-0.1707	0.2609	-0.927	1.842
N+7.44	M10	C8-1-2	Top	-7.902	-16.1328	-0.1707	0.2609	-0.9474	1.842
N+7.44	M10	C8-1-3	Top	-7.902	-3.5286	-0.2687	0.2609	-0.927	-1.4617

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N+7.44	M10	C8-1-4	Top	-7.902	-16.1328	-0.2687	0.2609	-0.9474	-1.4617
N+7.44	M10	C8-1-5	Top	-25.0693	-3.5286	-0.1707	-0.0052	-0.927	1.842
N+7.44	M10	C8-1-6	Top	-25.0693	-16.1328	-0.1707	-0.0052	-0.9474	1.842
N+7.44	M10	C8-1-7	Top	-25.0693	-3.5286	-0.2687	-0.0052	-0.927	-1.4617
N+7.44	M10	C8-1-8	Top	-25.0693	-16.1328	-0.2687	-0.0052	-0.9474	-1.4617
N+7.44	M10	C8-2-1	Top	-42.9877	3.9616	-0.4231	0.9516	-1.1075	24.6255
N+7.44	M10	C8-2-2	Top	-42.9877	-8.6426	-0.4231	0.9516	-1.128	24.6255
N+7.44	M10	C8-2-3	Top	-42.9877	3.9616	-0.5211	0.9516	-1.1075	21.3218
N+7.44	M10	C8-2-4	Top	-42.9877	-8.6426	-0.5211	0.9516	-1.128	21.3218
N+7.44	M10	C8-2-5	Top	-60.155	3.9616	-0.4231	0.6856	-1.1075	24.6255
N+7.44	M10	C8-2-6	Top	-60.155	-8.6426	-0.4231	0.6856	-1.128	24.6255
N+7.44	M10	C8-2-7	Top	-60.155	3.9616	-0.5211	0.6856	-1.1075	21.3218
N+7.44	M10	C8-2-8	Top	-60.155	-8.6426	-0.5211	0.6856	-1.128	21.3218
N+7.44	M10	C8-3-1	Top	18.1285	-15.551	-0.1155	0.0644	-0.8707	-4.7819
N+7.44	M10	C8-3-2	Top	18.1285	-28.1551	-0.1155	0.0644	-0.8911	-4.7819
N+7.44	M10	C8-3-3	Top	18.1285	-15.551	-0.2135	0.0644	-0.8707	-8.0857
N+7.44	M10	C8-3-4	Top	18.1285	-28.1551	-0.2135	0.0644	-0.8911	-8.0857
N+7.44	M10	C8-3-5	Top	0.9613	-15.551	-0.1155	-0.2017	-0.8707	-4.7819
N+7.44	M10	C8-3-6	Top	0.9613	-28.1551	-0.1155	-0.2017	-0.8911	-4.7819
N+7.44	M10	C8-3-7	Top	0.9613	-15.551	-0.2135	-0.2017	-0.8707	-8.0857
N+7.44	M10	C8-3-8	Top	0.9613	-28.1551	-0.2135	-0.2017	-0.8911	-8.0857
N+7.44	M10	C9-1	Top	-69.0182	30.3773	-0.3917	1.1481	-1.1293	31.2495
N+7.44	M10	C9-2	Top	-69.0182	3.3798	-0.3917	1.1481	-1.1842	31.2495
N+7.44	M10	C9-3	Top	-69.0182	30.3773	-0.5763	1.1481	-1.1293	22.8164
N+7.44	M10	C9-4	Top	-69.0182	3.3798	-0.5763	1.1481	-1.1842	22.8164
N+7.44	M10	C9-5	Top	-104.142	30.3773	-0.3917	0.7195	-1.1293	31.2495
N+7.44	M10	C9-6	Top	-104.142	3.3798	-0.3917	0.7195	-1.1842	31.2495
N+7.44	M10	C9-7	Top	-104.142	30.3773	-0.5763	0.7195	-1.1293	22.8164
N+7.44	M10	C9-8	Top	-104.142	3.3798	-0.5763	0.7195	-1.1842	22.8164
N+7.44	M10	C9-1-1	Top	17.7502	-9.6972	-0.2078	0.4931	-0.9417	9.1696
N+7.44	M10	C9-1-2	Top	17.7502	-36.6948	-0.2078	0.4931	-0.9967	9.1696
N+7.44	M10	C9-1-3	Top	17.7502	-9.6972	-0.3924	0.4931	-0.9417	0.7366
N+7.44	M10	C9-1-4	Top	17.7502	-36.6948	-0.3924	0.4931	-0.9967	0.7366
N+7.44	M10	C9-1-5	Top	-17.3736	-9.6972	-0.2078	0.0645	-0.9417	9.1696
N+7.44	M10	C9-1-6	Top	-17.3736	-36.6948	-0.2078	0.0645	-0.9967	9.1696
N+7.44	M10	C9-1-7	Top	-17.3736	-9.6972	-0.3924	0.0645	-0.9417	0.7366
N+7.44	M10	C9-1-8	Top	-17.3736	-36.6948	-0.3924	0.0645	-0.9967	0.7366

N+7.44	M10	C9-2-1	Top	-50.6833	24.5236	-0.2995	0.8819	-1.0583	22.4272
N+7.44	M10	C9-2-2	Top	-50.6833	-2.474	-0.2995	0.8819	-1.1132	22.4272
N+7.44	M10	C9-2-3	Top	-50.6833	24.5236	-0.484	0.8819	-1.0583	13.9942
N+7.44	M10	C9-2-4	Top	-50.6833	-2.474	-0.484	0.8819	-1.1132	13.9942
N+7.44	M10	C9-2-5	Top	-85.8071	24.5236	-0.2995	0.4534	-1.0583	22.4272
N+7.44	M10	C9-2-6	Top	-85.8071	-2.474	-0.2995	0.4534	-1.1132	22.4272
N+7.44	M10	C9-2-7	Top	-85.8071	24.5236	-0.484	0.4534	-1.0583	13.9942
N+7.44	M10	C9-2-8	Top	-85.8071	-2.474	-0.484	0.4534	-1.1132	13.9942
N+7.44	M10	C9-3-1	Top	36.0851	-15.551	-0.1155	0.2269	-0.8707	0.3474
N+7.44	M10	C9-3-2	Top	36.0851	-42.5485	-0.1155	0.2269	-0.9256	0.3474
N+7.44	M10	C9-3-3	Top	36.0851	-15.551	-0.3001	0.2269	-0.8707	-8.0857
N+7.44	M10	C9-3-4	Top	36.0851	-42.5485	-0.3001	0.2269	-0.9256	-8.0857
N+7.44	M10	C9-3-5	Top	0.9613	-15.551	-0.1155	-0.2017	-0.8707	0.3474
N+7.44	M10	C9-3-6	Top	0.9613	-42.5485	-0.1155	-0.2017	-0.9256	0.3474
N+7.44	M10	C9-3-7	Top	0.9613	-15.551	-0.3001	-0.2017	-0.8707	-8.0857
N+7.44	M10	C9-3-8	Top	0.9613	-42.5485	-0.3001	-0.2017	-0.9256	-8.0857
N+7.44	M10	C10-1	Top	-24.764	-2.9958	-0.092	0.253	-0.7173	7.115
N+7.44	M10	C11-1	Top	-23.0109	-2.9495	-0.1335	0.2497	-0.6046	6.6626
N +4.07	M1	C1-1	Top	-51.4811	-4.1314	0.3862	-0.0254	-1.0759	8.8272
N +4.07	M1	C2-1	Top	-58.2439	-6.7453	0.6206	-0.0399	-1.7202	14.8924
N +4.07	M1	C3-1	Top	-54.0754	-5.5561	0.5141	-0.0329	-1.4283	12.1233
N +4.07	M1	C4-1	Top	-45.7001	-3.5584	0.334	-0.0215	-0.9324	7.5357
N +4.07	M1	C5-1	Top	-45.3505	-3.5546	0.3333	-0.0215	-0.9301	7.5424
N +4.07	M1	C6-1	Top	-53.4635	-5.5494	0.513	-0.033	-1.4243	12.1351
N +4.07	M1	C7-1	Top	-52.7642	-5.5417	0.5117	-0.0331	-1.4197	12.1486
N +4.07	M1	C8-1	Top	-46.8515	-5.2955	0.1045	0.0955	-0.1199	10.7568
N +4.07	M1	C8-2	Top	-46.8515	-14.2243	0.1045	0.0955	-0.7116	10.7568
N +4.07	M1	C8-3	Top	-46.8515	-5.2955	-0.1914	0.0955	-0.1199	-0.1039
N +4.07	M1	C8-4	Top	-46.8515	-14.2243	-0.1914	0.0955	-0.7116	-0.1039
N +4.07	M1	C8-5	Top	-48.309	-5.2955	0.1045	0.041	-0.1199	10.7568
N +4.07	M1	C8-6	Top	-48.309	-14.2243	0.1045	0.041	-0.7116	10.7568
N +4.07	M1	C8-7	Top	-48.309	-5.2955	-0.1914	0.041	-0.1199	-0.1039
N +4.07	M1	C8-8	Top	-48.309	-14.2243	-0.1914	0.041	-0.7116	-0.1039
N +4.07	M1	C8-1-1	Top	-54.9742	5.131	1.0677	-0.0689	-1.8961	28.1395
N +4.07	M1	C8-1-2	Top	-54.9742	-3.7978	1.0677	-0.0689	-2.4879	28.1395
N +4.07	M1	C8-1-3	Top	-54.9742	5.131	0.7718	-0.0689	-1.8961	17.2789
N +4.07	M1	C8-1-4	Top	-54.9742	-3.7978	0.7718	-0.0689	-2.4879	17.2789

N +4.07	M1	C8-1-5	Top	-56.4316	5.131	1.0677	-0.1235	-1.8961	28.1395
N +4.07	M1	C8-1-6	Top	-56.4316	-3.7978	1.0677	-0.1235	-2.4879	28.1395
N +4.07	M1	C8-1-7	Top	-56.4316	5.131	0.7718	-0.1235	-1.8961	17.2789
N +4.07	M1	C8-1-8	Top	-56.4316	-3.7978	0.7718	-0.1235	-2.4879	17.2789
N +4.07	M1	C8-2-1	Top	-48.9219	-7.2838	0.2512	0.0573	-0.3505	7.0218
N +4.07	M1	C8-2-2	Top	-48.9219	-16.2126	0.2512	0.0573	-0.9423	7.0218
N +4.07	M1	C8-2-3	Top	-48.9219	-7.2838	-0.0448	0.0573	-0.3505	-3.8388
N +4.07	M1	C8-2-4	Top	-48.9219	-16.2126	-0.0448	0.0573	-0.9423	-3.8388
N +4.07	M1	C8-2-5	Top	-50.3794	-7.2838	0.2512	0.0027	-0.3505	7.0218
N +4.07	M1	C8-2-6	Top	-50.3794	-16.2126	0.2512	0.0027	-0.9423	7.0218
N +4.07	M1	C8-2-7	Top	-50.3794	-7.2838	-0.0448	0.0027	-0.3505	-3.8388
N +4.07	M1	C8-2-8	Top	-50.3794	-16.2126	-0.0448	0.0027	-0.9423	-3.8388
N +4.07	M1	C8-3-1	Top	-57.0446	3.1427	1.2144	-0.1072	-2.1267	24.4045
N +4.07	M1	C8-3-2	Top	-57.0446	-5.7861	1.2144	-0.1072	-2.7185	24.4045
N +4.07	M1	C8-3-3	Top	-57.0446	3.1427	0.9184	-0.1072	-2.1267	13.5439
N +4.07	M1	C8-3-4	Top	-57.0446	-5.7861	0.9184	-0.1072	-2.7185	13.5439
N +4.07	M1	C8-3-5	Top	-58.502	3.1427	1.2144	-0.1618	-2.1267	24.4045
N +4.07	M1	C8-3-6	Top	-58.502	-5.7861	1.2144	-0.1618	-2.7185	24.4045
N +4.07	M1	C8-3-7	Top	-58.502	3.1427	0.9184	-0.1618	-2.1267	13.5439
N +4.07	M1	C8-3-8	Top	-58.502	-5.7861	0.9184	-0.1618	-2.7185	13.5439
N +4.07	M1	C9-1	Top	-46.8515	6.6423	0.4366	0.0955	-0.1199	31.6396
N +4.07	M1	C9-2	Top	-46.8515	-14.2243	0.4366	0.0955	-1.4169	31.6396
N +4.07	M1	C9-3	Top	-46.8515	6.6423	-0.1914	0.0955	-0.1199	-0.1039
N +4.07	M1	C9-4	Top	-46.8515	-14.2243	-0.1914	0.0955	-1.4169	-0.1039
N +4.07	M1	C9-5	Top	-49.1639	6.6423	0.4366	0.0151	-0.1199	31.6396
N +4.07	M1	C9-6	Top	-49.1639	-14.2243	0.4366	0.0151	-1.4169	31.6396
N +4.07	M1	C9-7	Top	-49.1639	6.6423	-0.1914	0.0151	-0.1199	-0.1039
N +4.07	M1	C9-8	Top	-49.1639	-14.2243	-0.1914	0.0151	-1.4169	-0.1039
N +4.07	M1	C9-1-1	Top	-53.7529	0.0148	0.9254	-0.032	-0.8886	19.1897
N +4.07	M1	C9-1-2	Top	-53.7529	-20.8518	0.9254	-0.032	-2.1856	19.1897
N +4.07	M1	C9-1-3	Top	-53.7529	0.0148	0.2974	-0.032	-0.8886	-12.5537
N +4.07	M1	C9-1-4	Top	-53.7529	-20.8518	0.2974	-0.032	-2.1856	-12.5537
N +4.07	M1	C9-1-5	Top	-56.0652	0.0148	0.9254	-0.1125	-0.8886	19.1897
N +4.07	M1	C9-1-6	Top	-56.0652	-20.8518	0.9254	-0.1125	-2.1856	19.1897
N +4.07	M1	C9-1-7	Top	-56.0652	0.0148	0.2974	-0.1125	-0.8886	-12.5537
N +4.07	M1	C9-1-8	Top	-56.0652	-20.8518	0.2974	-0.1125	-2.1856	-12.5537
N +4.07	M1	C9-2-1	Top	-49.2883	9.7702	0.7255	0.0462	-0.6527	36.8544

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N +4.07	M1	C9-2-2	Top	-49.2883	-11.0964	0.7255	0.0462	-1.9498	36.8544
N +4.07	M1	C9-2-3	Top	-49.2883	9.7702	0.0975	0.0462	-0.6527	5.1109
N +4.07	M1	C9-2-4	Top	-49.2883	-11.0964	0.0975	0.0462	-1.9498	5.1109
N +4.07	M1	C9-2-5	Top	-51.6006	9.7702	0.7255	-0.0342	-0.6527	36.8544
N +4.07	M1	C9-2-6	Top	-51.6006	-11.0964	0.7255	-0.0342	-1.9498	36.8544
N +4.07	M1	C9-2-7	Top	-51.6006	9.7702	0.0975	-0.0342	-0.6527	5.1109
N +4.07	M1	C9-2-8	Top	-51.6006	-11.0964	0.0975	-0.0342	-1.9498	5.1109
N +4.07	M1	C9-3-1	Top	-56.1897	3.1427	1.2144	-0.0814	-1.4215	24.4045
N +4.07	M1	C9-3-2	Top	-56.1897	-17.7238	1.2144	-0.0814	-2.7185	24.4045
N +4.07	M1	C9-3-3	Top	-56.1897	3.1427	0.5864	-0.0814	-1.4215	-7.3389
N +4.07	M1	C9-3-4	Top	-56.1897	-17.7238	0.5864	-0.0814	-2.7185	-7.3389
N +4.07	M1	C9-3-5	Top	-58.502	3.1427	1.2144	-0.1618	-1.4215	24.4045
N +4.07	M1	C9-3-6	Top	-58.502	-17.7238	1.2144	-0.1618	-2.7185	24.4045
N +4.07	M1	C9-3-7	Top	-58.502	3.1427	0.5864	-0.1618	-1.4215	-7.3389
N +4.07	M1	C9-3-8	Top	-58.502	-17.7238	0.5864	-0.1618	-2.7185	-7.3389
N +4.07	M1	C10-1	Top	-33.4446	-2.6597	0.2489	-0.0163	-0.6939	5.6678
N +4.07	M1	C11-1	Top	-32.7453	-2.6521	0.2476	-0.0164	-0.6894	5.6814
N +4.07	M2	C1-1	Top	-55.68	3.2896	0.0628	0.0492	-0.1824	-12.0545
N +4.07	M2	C2-1	Top	-62.8282	5.0813	0.0691	0.0558	-0.2026	-17.9283
N +4.07	M2	C3-1	Top	-58.2454	4.2783	0.0621	0.0513	-0.1826	-15.3114
N +4.07	M2	C4-1	Top	-49.2365	2.8828	0.0521	0.0431	-0.1526	-10.6562
N +4.07	M2	C5-1	Top	-48.9008	2.8688	0.0525	0.0429	-0.1535	-10.5843
N +4.07	M2	C6-1	Top	-57.6579	4.2538	0.0628	0.051	-0.184	-15.1855
N +4.07	M2	C7-1	Top	-56.9864	4.2257	0.0636	0.0506	-0.1857	-15.0416
N +4.07	M2	C8-1	Top	-37.7039	4.4232	-0.3555	0.3429	1.1127	-17.1239
N +4.07	M2	C8-2	Top	-37.7039	-9.3392	-0.3555	0.3429	0.708	-17.1239
N +4.07	M2	C8-3	Top	-37.7039	4.4232	-0.5371	0.3429	1.1127	-44.454
N +4.07	M2	C8-4	Top	-37.7039	-9.3392	-0.5371	0.3429	0.708	-44.454
N +4.07	M2	C8-5	Top	-46.7249	4.4232	-0.3555	0.1796	1.1127	-17.1239
N +4.07	M2	C8-6	Top	-46.7249	-9.3392	-0.3555	0.1796	0.708	-17.1239
N +4.07	M2	C8-7	Top	-46.7249	4.4232	-0.5371	0.1796	1.1127	-44.454
N +4.07	M2	C8-8	Top	-46.7249	-9.3392	-0.5371	0.1796	0.708	-44.454
N +4.07	M2	C8-1-1	Top	-64.9889	20.8622	0.5348	-0.0387	-0.8068	23.1099
N +4.07	M2	C8-1-2	Top	-64.9889	7.0998	0.5348	-0.0387	-1.2116	23.1099
N +4.07	M2	C8-1-3	Top	-64.9889	20.8622	0.3532	-0.0387	-0.8068	-4.2202
N +4.07	M2	C8-1-4	Top	-64.9889	7.0998	0.3532	-0.0387	-1.2116	-4.2202
N +4.07	M2	C8-1-5	Top	-74.0098	20.8622	0.5348	-0.2021	-0.8068	23.1099

N +4.07	M2	C8-1-6	Top	-74.0098	7.0998	0.5348	-0.2021	-1.2116	23.1099
N +4.07	M2	C8-1-7	Top	-74.0098	20.8622	0.3532	-0.2021	-0.8068	-4.2202
N +4.07	M2	C8-1-8	Top	-74.0098	7.0998	0.3532	-0.2021	-1.2116	-4.2202
N +4.07	M2	C8-2-1	Top	-39.7951	1.3446	-0.2258	0.3031	0.8397	-25.8271
N +4.07	M2	C8-2-2	Top	-39.7951	-12.4178	-0.2258	0.3031	0.435	-25.8271
N +4.07	M2	C8-2-3	Top	-39.7951	1.3446	-0.4074	0.3031	0.8397	-53.1571
N +4.07	M2	C8-2-4	Top	-39.7951	-12.4178	-0.4074	0.3031	0.435	-53.1571
N +4.07	M2	C8-2-5	Top	-48.8161	1.3446	-0.2258	0.1398	0.8397	-25.8271
N +4.07	M2	C8-2-6	Top	-48.8161	-12.4178	-0.2258	0.1398	0.435	-25.8271
N +4.07	M2	C8-2-7	Top	-48.8161	1.3446	-0.4074	0.1398	0.8397	-53.1571
N +4.07	M2	C8-2-8	Top	-48.8161	-12.4178	-0.4074	0.1398	0.435	-53.1571
N +4.07	M2	C8-3-1	Top	-67.0801	17.7836	0.6645	-0.0785	-1.0798	14.4067
N +4.07	M2	C8-3-2	Top	-67.0801	4.0213	0.6645	-0.0785	-1.4845	14.4067
N +4.07	M2	C8-3-3	Top	-67.0801	17.7836	0.4829	-0.0785	-1.0798	-12.9233
N +4.07	M2	C8-3-4	Top	-67.0801	4.0213	0.4829	-0.0785	-1.4845	-12.9233
N +4.07	M2	C8-3-5	Top	-76.1011	17.7836	0.6645	-0.2419	-1.0798	14.4067
N +4.07	M2	C8-3-6	Top	-76.1011	4.0213	0.6645	-0.2419	-1.4845	14.4067
N +4.07	M2	C8-3-7	Top	-76.1011	17.7836	0.4829	-0.2419	-1.0798	-12.9233
N +4.07	M2	C8-3-8	Top	-76.1011	4.0213	0.4829	-0.2419	-1.4845	-12.9233
N +4.07	M2	C9-1	Top	-37.7039	23.1138	-0.0349	0.3429	1.1127	31.3472
N +4.07	M2	C9-2	Top	-37.7039	-9.3392	-0.0349	0.3429	0.0013	31.3472
N +4.07	M2	C9-3	Top	-37.7039	23.1138	-0.5371	0.3429	1.1127	-44.454
N +4.07	M2	C9-4	Top	-37.7039	-9.3392	-0.5371	0.3429	0.0013	-44.454
N +4.07	M2	C9-5	Top	-60.9448	23.1138	-0.0349	0.0053	1.1127	31.3472
N +4.07	M2	C9-6	Top	-60.9448	-9.3392	-0.0349	0.0053	0.0013	31.3472
N +4.07	M2	C9-7	Top	-60.9448	23.1138	-0.5371	0.0053	1.1127	-44.454
N +4.07	M2	C9-8	Top	-60.9448	-9.3392	-0.5371	0.0053	0.0013	-44.454
N +4.07	M2	C9-1-1	Top	-44.6747	12.8519	0.3974	0.2102	0.2028	2.3366
N +4.07	M2	C9-1-2	Top	-44.6747	-19.6011	0.3974	0.2102	-0.9087	2.3366
N +4.07	M2	C9-1-3	Top	-44.6747	12.8519	-0.1049	0.2102	0.2028	-73.4645
N +4.07	M2	C9-1-4	Top	-44.6747	-19.6011	-0.1049	0.2102	-0.9087	-73.4645
N +4.07	M2	C9-1-5	Top	-67.9156	12.8519	0.3974	-0.1274	0.2028	2.3366
N +4.07	M2	C9-1-6	Top	-67.9156	-19.6011	0.3974	-0.1274	-0.9087	2.3366
N +4.07	M2	C9-1-7	Top	-67.9156	12.8519	-0.1049	-0.1274	0.2028	-73.4645
N +4.07	M2	C9-1-8	Top	-67.9156	-19.6011	-0.1049	-0.1274	-0.9087	-73.4645
N +4.07	M2	C9-2-1	Top	-45.8894	28.0455	0.2322	0.2284	0.5369	43.4173
N +4.07	M2	C9-2-2	Top	-45.8894	-4.4075	0.2322	0.2284	-0.5746	43.4173

N +4.07	M2	C9-2-3	Top	-45.8894	28.0455	-0.27	0.2284	0.5369	-32.3838
N +4.07	M2	C9-2-4	Top	-45.8894	-4.4075	-0.27	0.2284	-0.5746	-32.3838
N +4.07	M2	C9-2-5	Top	-69.1303	28.0455	0.2322	-0.1092	0.5369	43.4173
N +4.07	M2	C9-2-6	Top	-69.1303	-4.4075	0.2322	-0.1092	-0.5746	43.4173
N +4.07	M2	C9-2-7	Top	-69.1303	28.0455	-0.27	-0.1092	0.5369	-32.3838
N +4.07	M2	C9-2-8	Top	-69.1303	-4.4075	-0.27	-0.1092	-0.5746	-32.3838
N +4.07	M2	C9-3-1	Top	-52.8602	17.7836	0.6645	0.0957	-0.3731	14.4067
N +4.07	M2	C9-3-2	Top	-52.8602	-14.6694	0.6645	0.0957	-1.4845	14.4067
N +4.07	M2	C9-3-3	Top	-52.8602	17.7836	0.1622	0.0957	-0.3731	-61.3944
N +4.07	M2	C9-3-4	Top	-52.8602	-14.6694	0.1622	0.0957	-1.4845	-61.3944
N +4.07	M2	C9-3-5	Top	-76.1011	17.7836	0.6645	-0.2419	-0.3731	14.4067
N +4.07	M2	C9-3-6	Top	-76.1011	-14.6694	0.6645	-0.2419	-1.4845	14.4067
N +4.07	M2	C9-3-7	Top	-76.1011	17.7836	0.1622	-0.2419	-0.3731	-61.3944
N +4.07	M2	C9-3-8	Top	-76.1011	-14.6694	0.1622	-0.2419	-1.4845	-61.3944
N +4.07	M2	C10-1	Top	-36.13	2.1288	0.04	0.0318	-0.1164	-7.8213
N +4.07	M2	C11-1	Top	-35.4586	2.1007	0.0407	0.0314	-0.1181	-7.6774
N +4.07	M3	C1-1	Top	-216.8541	1.8046	0.9046	-1.7863	-2.4847	49.1588
N +4.07	M3	C2-1	Top	-250.7643	3.5152	1.5952	-3.2182	-4.363	54.7023
N +4.07	M3	C3-1	Top	-233.4464	2.7131	1.2982	-2.5713	-3.5522	53.7822
N +4.07	M3	C4-1	Top	-195.6831	1.4574	0.79	-1.5112	-2.167	47.4379
N +4.07	M3	C5-1	Top	-193.5035	1.4773	0.7868	-1.5157	-2.1587	46.2598
N +4.07	M3	C6-1	Top	-229.6321	2.7479	1.2925	-2.5791	-3.5377	51.7204
N +4.07	M3	C7-1	Top	-225.2729	2.7876	1.286	-2.5879	-3.5212	49.3641
N +4.07	M3	C8-1	Top	-317.0984	203.3044	2.6735	0.8964	-4.8472	475.0383
N +4.07	M3	C8-2	Top	-317.0984	148.1517	2.6735	0.8964	-6.1593	475.0383
N +4.07	M3	C8-3	Top	-317.0984	203.3044	1.3484	0.8964	-4.8472	334.3272
N +4.07	M3	C8-4	Top	-317.0984	148.1517	1.3484	0.8964	-6.1593	334.3272
N +4.07	M3	C8-5	Top	-379.3422	203.3044	2.6735	-0.4107	-4.8472	475.0383
N +4.07	M3	C8-6	Top	-379.3422	148.1517	2.6735	-0.4107	-6.1593	475.0383
N +4.07	M3	C8-7	Top	-379.3422	203.3044	1.3484	-0.4107	-4.8472	334.3272
N +4.07	M3	C8-8	Top	-379.3422	148.1517	1.3484	-0.4107	-6.1593	334.3272
N +4.07	M3	C8-1-1	Top	-93.1761	-91.8359	2.5277	-3.2179	-2.5816	-134.8126
N +4.07	M3	C8-1-2	Top	-93.1761	-146.9886	2.5277	-3.2179	-3.8937	-134.8126
N +4.07	M3	C8-1-3	Top	-93.1761	-91.8359	1.2026	-3.2179	-2.5816	-275.5237
N +4.07	M3	C8-1-4	Top	-93.1761	-146.9886	1.2026	-3.2179	-3.8937	-275.5237
N +4.07	M3	C8-1-5	Top	-155.4199	-91.8359	2.5277	-4.525	-2.5816	-134.8126
N +4.07	M3	C8-1-6	Top	-155.4199	-146.9886	2.5277	-4.525	-3.8937	-134.8126

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N +4.07	M3	C8-1-7	Top	-155.4199	-91.8359	1.2026	-4.525	-2.5816	-275.5237
N +4.07	M3	C8-1-8	Top	-155.4199	-146.9886	1.2026	-4.525	-3.8937	-275.5237
N +4.07	M3	C8-2-1	Top	-294.0361	152.5738	1.3678	-0.653	-3.1445	373.6628
N +4.07	M3	C8-2-2	Top	-294.0361	97.4211	1.3678	-0.653	-4.4566	373.6628
N +4.07	M3	C8-2-3	Top	-294.0361	152.5738	0.0427	-0.653	-3.1445	232.9517
N +4.07	M3	C8-2-4	Top	-294.0361	97.4211	0.0427	-0.653	-4.4566	232.9517
N +4.07	M3	C8-2-5	Top	-356.2799	152.5738	1.3678	-1.9602	-3.1445	373.6628
N +4.07	M3	C8-2-6	Top	-356.2799	97.4211	1.3678	-1.9602	-4.4566	373.6628
N +4.07	M3	C8-2-7	Top	-356.2799	152.5738	0.0427	-1.9602	-3.1445	232.9517
N +4.07	M3	C8-2-8	Top	-356.2799	97.4211	0.0427	-1.9602	-4.4566	232.9517
N +4.07	M3	C8-3-1	Top	-70.1138	-142.5666	1.222	-4.7673	-0.8788	-236.1881
N +4.07	M3	C8-3-2	Top	-70.1138	-197.7192	1.222	-4.7673	-2.1909	-236.1881
N +4.07	M3	C8-3-3	Top	-70.1138	-142.5666	-0.1031	-4.7673	-0.8788	-376.8992
N +4.07	M3	C8-3-4	Top	-70.1138	-197.7192	-0.1031	-4.7673	-2.1909	-376.8992
N +4.07	M3	C8-3-5	Top	-132.3576	-142.5666	1.222	-6.0744	-0.8788	-236.1881
N +4.07	M3	C8-3-6	Top	-132.3576	-197.7192	1.222	-6.0744	-2.1909	-236.1881
N +4.07	M3	C8-3-7	Top	-132.3576	-142.5666	-0.1031	-6.0744	-0.8788	-376.8992
N +4.07	M3	C8-3-8	Top	-132.3576	-197.7192	-0.1031	-6.0744	-2.1909	-376.8992
N +4.07	M3	C9-1	Top	-214.1648	203.3044	5.6181	1.6317	-4.8472	475.0383
N +4.07	M3	C9-2	Top	-214.1648	59.925	5.6181	1.6317	-8.5465	475.0383
N +4.07	M3	C9-3	Top	-214.1648	203.3044	1.3484	1.6317	-4.8472	143.9745
N +4.07	M3	C9-4	Top	-214.1648	59.925	1.3484	1.6317	-8.5465	143.9745
N +4.07	M3	C9-5	Top	-379.3422	203.3044	5.6181	-0.4107	-4.8472	475.0383
N +4.07	M3	C9-6	Top	-379.3422	59.925	5.6181	-0.4107	-8.5465	475.0383
N +4.07	M3	C9-7	Top	-379.3422	203.3044	1.3484	-0.4107	-4.8472	143.9745
N +4.07	M3	C9-8	Top	-379.3422	59.925	1.3484	-0.4107	-8.5465	143.9745
N +4.07	M3	C9-1-1	Top	-137.2905	34.2023	1.2657	-3.533	0.8286	137.1199
N +4.07	M3	C9-1-2	Top	-137.2905	-109.1771	1.2657	-3.533	-2.8706	137.1199
N +4.07	M3	C9-1-3	Top	-137.2905	34.2023	-3.004	-3.533	0.8286	-193.944
N +4.07	M3	C9-1-4	Top	-137.2905	-109.1771	-3.004	-3.533	-2.8706	-193.944
N +4.07	M3	C9-1-5	Top	-302.4678	34.2023	1.2657	-5.5755	0.8286	137.1199
N +4.07	M3	C9-1-6	Top	-302.4678	-109.1771	1.2657	-5.5755	-2.8706	137.1199
N +4.07	M3	C9-1-7	Top	-302.4678	34.2023	-3.004	-5.5755	0.8286	-193.944
N +4.07	M3	C9-1-8	Top	-302.4678	-109.1771	-3.004	-5.5755	-2.8706	-193.944
N +4.07	M3	C9-2-1	Top	-146.9881	114.7623	5.5744	0.3974	-4.1675	292.0831
N +4.07	M3	C9-2-2	Top	-146.9881	-28.6171	5.5744	0.3974	-7.8668	292.0831
N +4.07	M3	C9-2-3	Top	-146.9881	114.7623	1.3047	0.3974	-4.1675	-38.9808

N +4.07	M3	C9-2-4	Top	-146.9881	-28.6171	1.3047	0.3974	-7.8668	-38.9808
N +4.07	M3	C9-2-5	Top	-312.1655	114.7623	5.5744	-1.645	-4.1675	292.0831
N +4.07	M3	C9-2-6	Top	-312.1655	-28.6171	5.5744	-1.645	-7.8668	292.0831
N +4.07	M3	C9-2-7	Top	-312.1655	114.7623	1.3047	-1.645	-4.1675	-38.9808
N +4.07	M3	C9-2-8	Top	-312.1655	-28.6171	1.3047	-1.645	-7.8668	-38.9808
N +4.07	M3	C9-3-1	Top	-70.1138	-54.3398	1.222	-4.7673	1.5083	-45.8354
N +4.07	M3	C9-3-2	Top	-70.1138	-197.7192	1.222	-4.7673	-2.1909	-45.8354
N +4.07	M3	C9-3-3	Top	-70.1138	-54.3398	-3.0477	-4.7673	1.5083	-376.8992
N +4.07	M3	C9-3-4	Top	-70.1138	-197.7192	-3.0477	-4.7673	-2.1909	-376.8992
N +4.07	M3	C9-3-5	Top	-235.2911	-54.3398	1.222	-6.8098	1.5083	-45.8354
N +4.07	M3	C9-3-6	Top	-235.2911	-197.7192	1.222	-6.8098	-2.1909	-45.8354
N +4.07	M3	C9-3-7	Top	-235.2911	-54.3398	-3.0477	-6.8098	1.5083	-376.8992
N +4.07	M3	C9-3-8	Top	-235.2911	-197.7192	-3.0477	-6.8098	-2.1909	-376.8992
N +4.07	M3	C10-1	Top	-141.5858	1.1403	0.5848	-1.1439	-1.6056	32.7803
N +4.07	M3	C11-1	Top	-137.2266	1.18	0.5783	-1.1528	-1.5891	30.4239
N +4.07	M4	C1-1	Top	-24.5467	0.2444	0.0011	0.0035	-0.0047	0.1982
N +4.07	M4	C2-1	Top	-27.6834	0.2141	0.0016	0.0048	-0.0063	0.433
N +4.07	M4	C3-1	Top	-25.7585	0.2077	0.0014	0.0044	-0.0055	0.3914
N +4.07	M4	C4-1	Top	-21.8319	0.203	0.001	0.0033	-0.0041	0.2497
N +4.07	M4	C5-1	Top	-21.6559	0.2044	0.001	0.0033	-0.0041	0.2319
N +4.07	M4	C6-1	Top	-25.4506	0.2102	0.0013	0.0043	-0.0055	0.3604
N +4.07	M4	C7-1	Top	-25.0986	0.2131	0.0013	0.0041	-0.0054	0.3249
N +4.07	M4	C8-1	Top	-4.8205	24.2111	0.0175	0.0755	0.021	-21.1973
N +4.07	M4	C8-2	Top	-4.8205	16.5312	0.0175	0.0755	-0.0527	-21.1973
N +4.07	M4	C8-3	Top	-4.8205	24.2111	-0.0097	0.0755	0.021	-32.8737
N +4.07	M4	C8-4	Top	-4.8205	16.5312	-0.0097	0.0755	-0.0527	-32.8737
N +4.07	M4	C8-5	Top	-40.4568	24.2111	0.0175	0.0439	0.021	-21.1973
N +4.07	M4	C8-6	Top	-40.4568	16.5312	0.0175	0.0439	-0.0527	-21.1973
N +4.07	M4	C8-7	Top	-40.4568	24.2111	-0.0097	0.0439	0.021	-32.8737
N +4.07	M4	C8-8	Top	-40.4568	16.5312	-0.0097	0.0439	-0.0527	-32.8737
N +4.07	M4	C8-1-1	Top	-31.2666	-11.376	0.0307	-0.0132	0.0852	27.2377
N +4.07	M4	C8-1-2	Top	-31.2666	-19.0558	0.0307	-0.0132	0.0115	27.2377
N +4.07	M4	C8-1-3	Top	-31.2666	-11.376	0.0034	-0.0132	0.0852	15.5613
N +4.07	M4	C8-1-4	Top	-31.2666	-19.0558	0.0034	-0.0132	0.0115	15.5613
N +4.07	M4	C8-1-5	Top	-66.9029	-11.376	0.0307	-0.0448	0.0852	27.2377
N +4.07	M4	C8-1-6	Top	-66.9029	-19.0558	0.0307	-0.0448	0.0115	27.2377
N +4.07	M4	C8-1-7	Top	-66.9029	-11.376	0.0034	-0.0448	0.0852	15.5613

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N +4.07	M4	C8-1-8	Top	-66.9029	-19.0558	0.0034	-0.0448	0.0115	15.5613
N +4.07	M4	C8-2-1	Top	16.7936	19.4828	-0.0008	0.0531	-0.0224	-14.9203
N +4.07	M4	C8-2-2	Top	16.7936	11.803	-0.0008	0.0531	-0.0961	-14.9203
N +4.07	M4	C8-2-3	Top	16.7936	19.4828	-0.028	0.0531	-0.0224	-26.5967
N +4.07	M4	C8-2-4	Top	16.7936	11.803	-0.028	0.0531	-0.0961	-26.5967
N +4.07	M4	C8-2-5	Top	-18.8427	19.4828	-0.0008	0.0215	-0.0224	-14.9203
N +4.07	M4	C8-2-6	Top	-18.8427	11.803	-0.0008	0.0215	-0.0961	-14.9203
N +4.07	M4	C8-2-7	Top	-18.8427	19.4828	-0.028	0.0215	-0.0224	-26.5967
N +4.07	M4	C8-2-8	Top	-18.8427	11.803	-0.028	0.0215	-0.0961	-26.5967
N +4.07	M4	C8-3-1	Top	-9.6525	-16.1043	0.0124	-0.0357	0.0419	33.5147
N +4.07	M4	C8-3-2	Top	-9.6525	-23.7841	0.0124	-0.0357	-0.0319	33.5147
N +4.07	M4	C8-3-3	Top	-9.6525	-16.1043	-0.0149	-0.0357	0.0419	21.8383
N +4.07	M4	C8-3-4	Top	-9.6525	-23.7841	-0.0149	-0.0357	-0.0319	21.8383
N +4.07	M4	C8-3-5	Top	-45.2888	-16.1043	0.0124	-0.0673	0.0419	33.5147
N +4.07	M4	C8-3-6	Top	-45.2888	-23.7841	0.0124	-0.0673	-0.0319	33.5147
N +4.07	M4	C8-3-7	Top	-45.2888	-16.1043	-0.0149	-0.0673	0.0419	21.8383
N +4.07	M4	C8-3-8	Top	-45.2888	-23.7841	-0.0149	-0.0673	-0.0319	21.8383
N +4.07	M4	C9-1	Top	-4.8205	24.2111	0.0694	0.0755	0.1671	-1.9392
N +4.07	M4	C9-2	Top	-4.8205	2.653	0.0694	0.0755	-0.0527	-1.9392
N +4.07	M4	C9-3	Top	-4.8205	24.2111	-0.0097	0.0755	0.1671	-32.8737
N +4.07	M4	C9-4	Top	-4.8205	2.653	-0.0097	0.0755	-0.0527	-32.8737
N +4.07	M4	C9-5	Top	-109.402	24.2111	0.0694	0.0342	0.1671	-1.9392
N +4.07	M4	C9-6	Top	-109.402	2.653	0.0694	0.0342	-0.0527	-1.9392
N +4.07	M4	C9-7	Top	-109.402	24.2111	-0.0097	0.0342	0.1671	-32.8737
N +4.07	M4	C9-8	Top	-109.402	2.653	-0.0097	0.0342	-0.0527	-32.8737
N +4.07	M4	C9-1-1	Top	67.2266	8.4501	0.0084	0.0006	0.0226	18.9842
N +4.07	M4	C9-1-2	Top	67.2266	-13.108	0.0084	0.0006	-0.1972	18.9842
N +4.07	M4	C9-1-3	Top	67.2266	8.4501	-0.0707	0.0006	0.0226	-11.9503
N +4.07	M4	C9-1-4	Top	67.2266	-13.108	-0.0707	0.0006	-0.1972	-11.9503
N +4.07	M4	C9-1-5	Top	-37.3549	8.4501	0.0084	-0.0407	0.0226	18.9842
N +4.07	M4	C9-1-6	Top	-37.3549	-13.108	0.0084	-0.0407	-0.1972	18.9842
N +4.07	M4	C9-1-7	Top	-37.3549	8.4501	-0.0707	-0.0407	0.0226	-11.9503
N +4.07	M4	C9-1-8	Top	-37.3549	-13.108	-0.0707	-0.0407	-0.1972	-11.9503
N +4.07	M4	C9-2-1	Top	-12.7543	13.535	0.0734	0.0489	0.1864	12.5913
N +4.07	M4	C9-2-2	Top	-12.7543	-8.0232	0.0734	0.0489	-0.0335	12.5913
N +4.07	M4	C9-2-3	Top	-12.7543	13.535	-0.0058	0.0489	0.1864	-18.3432
N +4.07	M4	C9-2-4	Top	-12.7543	-8.0232	-0.0058	0.0489	-0.0335	-18.3432

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N +4.07	M4	C9-2-5	Top	-117.3358	13.535	0.0734	0.0076	0.1864	12.5913
N +4.07	M4	C9-2-6	Top	-117.3358	-8.0232	0.0734	0.0076	-0.0335	12.5913
N +4.07	M4	C9-2-7	Top	-117.3358	13.535	-0.0058	0.0076	0.1864	-18.3432
N +4.07	M4	C9-2-8	Top	-117.3358	-8.0232	-0.0058	0.0076	-0.0335	-18.3432
N +4.07	M4	C9-3-1	Top	59.2927	-2.226	0.0124	-0.026	0.0419	33.5147
N +4.07	M4	C9-3-2	Top	59.2927	-23.7841	0.0124	-0.026	-0.178	33.5147
N +4.07	M4	C9-3-3	Top	59.2927	-2.226	-0.0668	-0.026	0.0419	2.5801
N +4.07	M4	C9-3-4	Top	59.2927	-23.7841	-0.0668	-0.026	-0.178	2.5801
N +4.07	M4	C9-3-5	Top	-45.2888	-2.226	0.0124	-0.0673	0.0419	33.5147
N +4.07	M4	C9-3-6	Top	-45.2888	-23.7841	0.0124	-0.0673	-0.178	33.5147
N +4.07	M4	C9-3-7	Top	-45.2888	-2.226	-0.0668	-0.0673	0.0419	2.5801
N +4.07	M4	C9-3-8	Top	-45.2888	-23.7841	-0.0668	-0.0673	-0.178	2.5801
N +4.07	M4	C10-1	Top	-15.956	0.1557	0.0007	0.0023	-0.0031	0.1452
N +4.07	M4	C11-1	Top	-15.604	0.1586	0.0007	0.0022	-0.003	0.1097
N +4.07	M5	C1-1	Top	-34.4121	0.8584	-0.1293	0.0576	0.3262	-2.5594
N +4.07	M5	C2-1	Top	-38.8145	1.0812	-0.1542	0.0715	0.3885	-3.2165
N +4.07	M5	C3-1	Top	-35.9771	0.9881	-0.1386	0.0644	0.3482	-2.9198
N +4.07	M5	C4-1	Top	-30.4146	0.7868	-0.1118	0.051	0.2803	-2.3152
N +4.07	M5	C5-1	Top	-30.2105	0.7754	-0.1116	0.0507	0.2802	-2.2882
N +4.07	M5	C6-1	Top	-35.6199	0.9683	-0.1383	0.0637	0.3479	-2.8726
N +4.07	M5	C7-1	Top	-35.2117	0.9457	-0.1378	0.063	0.3476	-2.8186
N +4.07	M5	C8-1	Top	5.6882	9.48	-0.5396	0.3838	0.9359	-13.01
N +4.07	M5	C8-2	Top	5.6882	0.5712	-0.5396	0.3838	0.7775	-13.01
N +4.07	M5	C8-3	Top	5.6882	9.48	-0.5806	0.3838	0.9359	-19.8653
N +4.07	M5	C8-4	Top	5.6882	0.5712	-0.5806	0.3838	0.7775	-19.8653
N +4.07	M5	C8-5	Top	-1.449	9.48	-0.5396	0.2706	0.9359	-13.01
N +4.07	M5	C8-6	Top	-1.449	0.5712	-0.5396	0.2706	0.7775	-13.01
N +4.07	M5	C8-7	Top	-1.449	9.48	-0.5806	0.2706	0.9359	-19.8653
N +4.07	M5	C8-8	Top	-1.449	0.5712	-0.5806	0.2706	0.7775	-19.8653
N +4.07	M5	C8-1-1	Top	-50.8138	7.8846	0.1288	-0.0165	0.2334	12.2567
N +4.07	M5	C8-1-2	Top	-50.8138	-1.0242	0.1288	-0.0165	0.075	12.2567
N +4.07	M5	C8-1-3	Top	-50.8138	7.8846	0.0877	-0.0165	0.2334	5.4015
N +4.07	M5	C8-1-4	Top	-50.8138	-1.0242	0.0877	-0.0165	0.075	5.4015
N +4.07	M5	C8-1-5	Top	-57.9509	7.8846	0.1288	-0.1297	0.2334	12.2567
N +4.07	M5	C8-1-6	Top	-57.9509	-1.0242	0.1288	-0.1297	0.075	12.2567
N +4.07	M5	C8-1-7	Top	-57.9509	7.8846	0.0877	-0.1297	0.2334	5.4015
N +4.07	M5	C8-1-8	Top	-57.9509	-1.0242	0.0877	-0.1297	0.075	5.4015

N +4.07	M5	C8-2-1	Top	-12.3704	2.9099	-0.3633	0.2555	0.62	-11.0253
N +4.07	M5	C8-2-2	Top	-12.3704	-5.9989	-0.3633	0.2555	0.4616	-11.0253
N +4.07	M5	C8-2-3	Top	-12.3704	2.9099	-0.4043	0.2555	0.62	-17.8805
N +4.07	M5	C8-2-4	Top	-12.3704	-5.9989	-0.4043	0.2555	0.4616	-17.8805
N +4.07	M5	C8-2-5	Top	-19.5075	2.9099	-0.3633	0.1423	0.62	-11.0253
N +4.07	M5	C8-2-6	Top	-19.5075	-5.9989	-0.3633	0.1423	0.4616	-11.0253
N +4.07	M5	C8-2-7	Top	-19.5075	2.9099	-0.4043	0.1423	0.62	-17.8805
N +4.07	M5	C8-2-8	Top	-19.5075	-5.9989	-0.4043	0.1423	0.4616	-17.8805
N +4.07	M5	C8-3-1	Top	-68.8723	1.3144	0.3051	-0.1448	-0.0824	14.2415
N +4.07	M5	C8-3-2	Top	-68.8723	-7.5944	0.3051	-0.1448	-0.2408	14.2415
N +4.07	M5	C8-3-3	Top	-68.8723	1.3144	0.264	-0.1448	-0.0824	7.3862
N +4.07	M5	C8-3-4	Top	-68.8723	-7.5944	0.264	-0.1448	-0.2408	7.3862
N +4.07	M5	C8-3-5	Top	-76.0095	1.3144	0.3051	-0.258	-0.0824	14.2415
N +4.07	M5	C8-3-6	Top	-76.0095	-7.5944	0.3051	-0.258	-0.2408	14.2415
N +4.07	M5	C8-3-7	Top	-76.0095	1.3144	0.264	-0.258	-0.0824	7.3862
N +4.07	M5	C8-3-8	Top	-76.0095	-7.5944	0.264	-0.258	-0.2408	7.3862
N +4.07	M5	C9-1	Top	8.2734	23.6935	-0.483	0.403	1.1812	0.0456
N +4.07	M5	C9-2	Top	8.2734	0.5712	-0.483	0.403	0.7775	0.0456
N +4.07	M5	C9-3	Top	8.2734	23.6935	-0.5806	0.403	1.1812	-19.8653
N +4.07	M5	C9-4	Top	8.2734	0.5712	-0.5806	0.403	0.7775	-19.8653
N +4.07	M5	C9-5	Top	-1.449	23.6935	-0.483	0.2706	1.1812	0.0456
N +4.07	M5	C9-6	Top	-1.449	0.5712	-0.483	0.2706	0.7775	0.0456
N +4.07	M5	C9-7	Top	-1.449	23.6935	-0.5806	0.2706	1.1812	-19.8653
N +4.07	M5	C9-8	Top	-1.449	0.5712	-0.5806	0.2706	0.7775	-19.8653
N +4.07	M5	C9-1-1	Top	-51.9218	1.7931	0.1046	-0.0247	0.1283	6.6615
N +4.07	M5	C9-1-2	Top	-51.9218	-21.3293	0.1046	-0.0247	-0.2754	6.6615
N +4.07	M5	C9-1-3	Top	-51.9218	1.7931	0.007	-0.0247	0.1283	-13.2494
N +4.07	M5	C9-1-4	Top	-51.9218	-21.3293	0.007	-0.0247	-0.2754	-13.2494
N +4.07	M5	C9-1-5	Top	-61.6441	1.7931	0.1046	-0.1571	0.1283	6.6615
N +4.07	M5	C9-1-6	Top	-61.6441	-21.3293	0.1046	-0.1571	-0.2754	6.6615
N +4.07	M5	C9-1-7	Top	-61.6441	1.7931	0.007	-0.1571	0.1283	-13.2494
N +4.07	M5	C9-1-8	Top	-61.6441	-21.3293	0.007	-0.1571	-0.2754	-13.2494
N +4.07	M5	C9-2-1	Top	-8.6772	23.2149	-0.2825	0.283	0.9705	7.6256
N +4.07	M5	C9-2-2	Top	-8.6772	0.0926	-0.2825	0.283	0.5668	7.6256
N +4.07	M5	C9-2-3	Top	-8.6772	23.2149	-0.3801	0.283	0.9705	-12.2853
N +4.07	M5	C9-2-4	Top	-8.6772	0.0926	-0.3801	0.283	0.5668	-12.2853
N +4.07	M5	C9-2-5	Top	-18.3996	23.2149	-0.2825	0.1505	0.9705	7.6256

N +4.07	M5	C9-2-6	Top	-18.3996	0.0926	-0.2825	0.1505	0.5668	7.6256
N +4.07	M5	C9-2-7	Top	-18.3996	23.2149	-0.3801	0.1505	0.9705	-12.2853
N +4.07	M5	C9-2-8	Top	-18.3996	0.0926	-0.3801	0.1505	0.5668	-12.2853
N +4.07	M5	C9-3-1	Top	-68.8723	1.3144	0.3051	-0.1448	-0.0824	14.2415
N +4.07	M5	C9-3-2	Top	-68.8723	-21.8079	0.3051	-0.1448	-0.4861	14.2415
N +4.07	M5	C9-3-3	Top	-68.8723	1.3144	0.2075	-0.1448	-0.0824	-5.6694
N +4.07	M5	C9-3-4	Top	-68.8723	-21.8079	0.2075	-0.1448	-0.4861	-5.6694
N +4.07	M5	C9-3-5	Top	-78.5947	1.3144	0.3051	-0.2772	-0.0824	14.2415
N +4.07	M5	C9-3-6	Top	-78.5947	-21.8079	0.3051	-0.2772	-0.4861	14.2415
N +4.07	M5	C9-3-7	Top	-78.5947	1.3144	0.2075	-0.2772	-0.0824	-5.6694
N +4.07	M5	C9-3-8	Top	-78.5947	-21.8079	0.2075	-0.2772	-0.4861	-5.6694
N +4.07	M5	C10-1	Top	-22.3262	0.5632	-0.0833	0.0374	0.2099	-1.6723
N +4.07	M5	C11-1	Top	-21.918	0.5405	-0.0829	0.0367	0.2096	-1.6183
N +4.07	M6	C1-1	Top	-37.2066	0.0376	0.0456	-0.0004	-0.1481	-0.138
N +4.07	M6	C2-1	Top	-42.3418	0.2037	0.0664	-0.0018	-0.21	-0.5035
N +4.07	M6	C3-1	Top	-39.2993	0.1296	0.0558	-0.0002	-0.1794	-0.3092
N +4.07	M6	C4-1	Top	-33.1166	0.0186	0.0386	0.0011	-0.1277	-0.0485
N +4.07	M6	C5-1	Top	-32.8443	0.0216	0.0387	0.0008	-0.1276	-0.064
N +4.07	M6	C6-1	Top	-38.8228	0.1349	0.056	-0.0007	-0.1791	-0.3363
N +4.07	M6	C7-1	Top	-38.2782	0.141	0.0562	-0.0014	-0.1788	-0.3672
N +4.07	M6	C8-1	Top	-60.4835	2.1378	-0.3866	0.3677	0.7152	9.3249
N +4.07	M6	C8-2	Top	-60.4835	-6.7431	-0.3866	0.3677	0.4725	9.3249
N +4.07	M6	C8-3	Top	-60.4835	2.1378	-0.5408	0.3677	0.7152	7.2427
N +4.07	M6	C8-4	Top	-60.4835	-6.7431	-0.5408	0.3677	0.4725	7.2427
N +4.07	M6	C8-5	Top	-87.3564	2.1378	-0.3866	0.2164	0.7152	9.3249
N +4.07	M6	C8-6	Top	-87.3564	-6.7431	-0.3866	0.2164	0.4725	9.3249
N +4.07	M6	C8-7	Top	-87.3564	2.1378	-0.5408	0.2164	0.7152	7.2427
N +4.07	M6	C8-8	Top	-87.3564	-6.7431	-0.5408	0.2164	0.4725	7.2427
N +4.07	M6	C8-1-1	Top	13.9117	12.3735	0.5048	-0.1063	-0.5923	-4.5452
N +4.07	M6	C8-1-2	Top	13.9117	3.4926	0.5048	-0.1063	-0.835	-4.5452
N +4.07	M6	C8-1-3	Top	13.9117	12.3735	0.3505	-0.1063	-0.5923	-6.6274
N +4.07	M6	C8-1-4	Top	13.9117	3.4926	0.3505	-0.1063	-0.835	-6.6274
N +4.07	M6	C8-1-5	Top	-12.9613	12.3735	0.5048	-0.2577	-0.5923	-4.5452
N +4.07	M6	C8-1-6	Top	-12.9613	3.4926	0.5048	-0.2577	-0.835	-4.5452
N +4.07	M6	C8-1-7	Top	-12.9613	12.3735	0.3505	-0.2577	-0.5923	-6.6274
N +4.07	M6	C8-1-8	Top	-12.9613	3.4926	0.3505	-0.2577	-0.835	-6.6274
N +4.07	M6	C8-2-1	Top	-63.459	-3.2091	-0.2381	0.2547	0.4775	5.8851

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N +4.07	M6	C8-2-2	Top	-63.459	-12.09	-0.2381	0.2547	0.2348	5.8851
N +4.07	M6	C8-2-3	Top	-63.459	-3.2091	-0.3924	0.2547	0.4775	3.803
N +4.07	M6	C8-2-4	Top	-63.459	-12.09	-0.3924	0.2547	0.2348	3.803
N +4.07	M6	C8-2-5	Top	-90.332	-3.2091	-0.2381	0.1033	0.4775	5.8851
N +4.07	M6	C8-2-6	Top	-90.332	-12.09	-0.2381	0.1033	0.2348	5.8851
N +4.07	M6	C8-2-7	Top	-90.332	-3.2091	-0.3924	0.1033	0.4775	3.803
N +4.07	M6	C8-2-8	Top	-90.332	-12.09	-0.3924	0.1033	0.2348	3.803
N +4.07	M6	C8-3-1	Top	10.9361	7.0266	0.6532	-0.2193	-0.83	-7.9849
N +4.07	M6	C8-3-2	Top	10.9361	-1.8543	0.6532	-0.2193	-1.0727	-7.9849
N +4.07	M6	C8-3-3	Top	10.9361	7.0266	0.499	-0.2193	-0.83	-10.0671
N +4.07	M6	C8-3-4	Top	10.9361	-1.8543	0.499	-0.2193	-1.0727	-10.0671
N +4.07	M6	C8-3-5	Top	-15.9368	7.0266	0.6532	-0.3707	-0.83	-7.9849
N +4.07	M6	C8-3-6	Top	-15.9368	-1.8543	0.6532	-0.3707	-1.0727	-7.9849
N +4.07	M6	C8-3-7	Top	-15.9368	7.0266	0.499	-0.3707	-0.83	-10.0671
N +4.07	M6	C8-3-8	Top	-15.9368	-1.8543	0.499	-0.3707	-1.0727	-10.0671
N +4.07	M6	C9-1	Top	-1.4638	21.7789	-0.109	0.3677	0.7152	9.3249
N +4.07	M6	C9-2	Top	-1.4638	-6.7431	-0.109	0.3677	0.1119	9.3249
N +4.07	M6	C9-3	Top	-1.4638	21.7789	-0.5408	0.3677	0.7152	5.5596
N +4.07	M6	C9-4	Top	-1.4638	-6.7431	-0.5408	0.3677	0.1119	5.5596
N +4.07	M6	C9-5	Top	-87.3564	21.7789	-0.109	0.1483	0.7152	9.3249
N +4.07	M6	C9-6	Top	-87.3564	-6.7431	-0.109	0.1483	0.1119	9.3249
N +4.07	M6	C9-7	Top	-87.3564	21.7789	-0.5408	0.1483	0.7152	5.5596
N +4.07	M6	C9-8	Top	-87.3564	-6.7431	-0.5408	0.1483	0.1119	5.5596
N +4.07	M6	C9-1-1	Top	-11.3824	3.9559	0.3858	-0.009	-0.0772	-2.1408
N +4.07	M6	C9-1-2	Top	-11.3824	-24.5661	0.3858	-0.009	-0.6804	-2.1408
N +4.07	M6	C9-1-3	Top	-11.3824	3.9559	-0.0461	-0.009	-0.0772	-5.906
N +4.07	M6	C9-1-4	Top	-11.3824	-24.5661	-0.0461	-0.009	-0.6804	-5.906
N +4.07	M6	C9-1-5	Top	-97.275	3.9559	0.3858	-0.2285	-0.0772	-2.1408
N +4.07	M6	C9-1-6	Top	-97.275	-24.5661	0.3858	-0.2285	-0.6804	-2.1408
N +4.07	M6	C9-1-7	Top	-97.275	3.9559	-0.0461	-0.2285	-0.0772	-5.906
N +4.07	M6	C9-1-8	Top	-97.275	-24.5661	-0.0461	-0.2285	-0.6804	-5.906
N +4.07	M6	C9-2-1	Top	20.8547	24.8496	0.1584	0.2255	0.3229	5.1638
N +4.07	M6	C9-2-2	Top	20.8547	-3.6724	0.1584	0.2255	-0.2803	5.1638
N +4.07	M6	C9-2-3	Top	20.8547	24.8496	-0.2734	0.2255	0.3229	1.3986
N +4.07	M6	C9-2-4	Top	20.8547	-3.6724	-0.2734	0.2255	-0.2803	1.3986
N +4.07	M6	C9-2-5	Top	-65.0379	24.8496	0.1584	0.0061	0.3229	5.1638
N +4.07	M6	C9-2-6	Top	-65.0379	-3.6724	0.1584	0.0061	-0.2803	5.1638

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N +4.07	M6	C9-2-7	Top	-65.0379	24.8496	-0.2734	0.0061	0.3229	1.3986
N +4.07	M6	C9-2-8	Top	-65.0379	-3.6724	-0.2734	0.0061	-0.2803	1.3986
N +4.07	M6	C9-3-1	Top	10.9361	7.0266	0.6532	-0.1513	-0.4694	-6.3019
N +4.07	M6	C9-3-2	Top	10.9361	-21.4954	0.6532	-0.1513	-1.0727	-6.3019
N +4.07	M6	C9-3-3	Top	10.9361	7.0266	0.2213	-0.1513	-0.4694	-10.0671
N +4.07	M6	C9-3-4	Top	10.9361	-21.4954	0.2213	-0.1513	-1.0727	-10.0671
N +4.07	M6	C9-3-5	Top	-74.9564	7.0266	0.6532	-0.3707	-0.4694	-6.3019
N +4.07	M6	C9-3-6	Top	-74.9564	-21.4954	0.6532	-0.3707	-1.0727	-6.3019
N +4.07	M6	C9-3-7	Top	-74.9564	7.0266	0.2213	-0.3707	-0.4694	-10.0671
N +4.07	M6	C9-3-8	Top	-74.9564	-21.4954	0.2213	-0.3707	-1.0727	-10.0671
N +4.07	M6	C10-1	Top	-24.1908	0.0212	0.0292	0.0001	-0.0954	-0.0732
N +4.07	M6	C11-1	Top	-23.6462	0.0272	0.0294	-0.0006	-0.0951	-0.1042
N +4.07	M7	C1-1	Top	-106.6494	-3.8605	0.0171	0.065	-0.065	39.5058
N +4.07	M7	C2-1	Top	-113.713	-6.3206	0.0249	0.0944	-0.0888	55.4943
N +4.07	M7	C3-1	Top	-107.6153	-5.271	0.0219	0.0826	-0.0776	48.8201
N +4.07	M7	C4-1	Top	-94.5798	-3.4204	0.0159	0.0596	-0.0574	35.8723
N +4.07	M7	C5-1	Top	-93.8762	-3.3957	0.0156	0.0587	-0.057	35.4256
N +4.07	M7	C6-1	Top	-106.3841	-5.2276	0.0214	0.0811	-0.0769	48.0383
N +4.07	M7	C7-1	Top	-104.977	-5.1781	0.0209	0.0794	-0.0762	47.1449
N +4.07	M7	C8-1	Top	-78.2812	127.206	0.3332	1.1021	-0.0211	96.7511
N +4.07	M7	C8-2	Top	-78.2812	73.5758	0.3332	1.1021	-0.2831	96.7511
N +4.07	M7	C8-3	Top	-78.2812	127.206	-0.2336	1.1021	-0.0211	73.2222
N +4.07	M7	C8-4	Top	-78.2812	73.5758	-0.2336	1.1021	-0.2831	73.2222
N +4.07	M7	C8-5	Top	-184.2328	127.206	0.3332	0.5865	-0.0211	96.7511
N +4.07	M7	C8-6	Top	-184.2328	73.5758	0.3332	0.5865	-0.2831	96.7511
N +4.07	M7	C8-7	Top	-184.2328	127.206	-0.2336	0.5865	-0.0211	73.2222
N +4.07	M7	C8-8	Top	-184.2328	73.5758	-0.2336	0.5865	-0.2831	73.2222
N +4.07	M7	C8-1-1	Top	-103.0704	-63.022	0.6485	-0.1037	0.2825	33.0535
N +4.07	M7	C8-1-2	Top	-103.0704	-116.6523	0.6485	-0.1037	0.0205	33.0535
N +4.07	M7	C8-1-3	Top	-103.0704	-63.022	0.0817	-0.1037	0.2825	9.5247
N +4.07	M7	C8-1-4	Top	-103.0704	-116.6523	0.0817	-0.1037	0.0205	9.5247
N +4.07	M7	C8-1-5	Top	-209.0221	-63.022	0.6485	-0.6193	0.2825	33.0535
N +4.07	M7	C8-1-6	Top	-209.0221	-116.6523	0.6485	-0.6193	0.0205	33.0535
N +4.07	M7	C8-1-7	Top	-209.0221	-63.022	0.0817	-0.6193	0.2825	9.5247
N +4.07	M7	C8-1-8	Top	-209.0221	-116.6523	0.0817	-0.6193	0.0205	9.5247
N +4.07	M7	C8-2-1	Top	-0.5801	106.3084	-0.0401	0.7777	-0.1727	84.5418
N +4.07	M7	C8-2-2	Top	-0.5801	52.6782	-0.0401	0.7777	-0.4347	84.5418

N +4.07	M7	C8-2-3	Top	-0.5801	106.3084	-0.6069	0.7777	-0.1727	61.0129
N +4.07	M7	C8-2-4	Top	-0.5801	52.6782	-0.6069	0.7777	-0.4347	61.0129
N +4.07	M7	C8-2-5	Top	-106.5318	106.3084	-0.0401	0.2621	-0.1727	84.5418
N +4.07	M7	C8-2-6	Top	-106.5318	52.6782	-0.0401	0.2621	-0.4347	84.5418
N +4.07	M7	C8-2-7	Top	-106.5318	106.3084	-0.6069	0.2621	-0.1727	61.0129
N +4.07	M7	C8-2-8	Top	-106.5318	52.6782	-0.6069	0.2621	-0.4347	61.0129
N +4.07	M7	C8-3-1	Top	-25.3693	-83.9196	0.2752	-0.4281	0.1309	20.8442
N +4.07	M7	C8-3-2	Top	-25.3693	-137.5499	0.2752	-0.4281	-0.1311	20.8442
N +4.07	M7	C8-3-3	Top	-25.3693	-83.9196	-0.2916	-0.4281	0.1309	-2.6846
N +4.07	M7	C8-3-4	Top	-25.3693	-137.5499	-0.2916	-0.4281	-0.1311	-2.6846
N +4.07	M7	C8-3-5	Top	-131.321	-83.9196	0.2752	-0.9437	0.1309	20.8442
N +4.07	M7	C8-3-6	Top	-131.321	-137.5499	0.2752	-0.9437	-0.1311	20.8442
N +4.07	M7	C8-3-7	Top	-131.321	-83.9196	-0.2916	-0.9437	0.1309	-2.6846
N +4.07	M7	C8-3-8	Top	-131.321	-137.5499	-0.2916	-0.9437	-0.1311	-2.6846
N +4.07	M7	C9-1	Top	-78.2812	127.206	1.425	1.1021	0.5452	96.7511
N +4.07	M7	C9-2	Top	-78.2812	-10.8228	1.425	1.1021	-0.2831	96.7511
N +4.07	M7	C9-3	Top	-78.2812	127.206	-0.2336	1.1021	0.5452	57.1223
N +4.07	M7	C9-4	Top	-78.2812	-10.8228	-0.2336	1.1021	-0.2831	57.1223
N +4.07	M7	C9-5	Top	-382.8877	127.206	1.425	0.4995	0.5452	96.7511
N +4.07	M7	C9-6	Top	-382.8877	-10.8228	1.425	0.4995	-0.2831	96.7511
N +4.07	M7	C9-7	Top	-382.8877	127.206	-0.2336	0.4995	0.5452	57.1223
N +4.07	M7	C9-8	Top	-382.8877	-10.8228	-0.2336	0.4995	-0.2831	57.1223
N +4.07	M7	C9-1-1	Top	180.7223	57.5474	0.1806	0.0206	0.0398	56.0534
N +4.07	M7	C9-1-2	Top	180.7223	-80.4815	0.1806	0.0206	-0.7885	56.0534
N +4.07	M7	C9-1-3	Top	180.7223	57.5474	-1.478	0.0206	0.0398	16.4247
N +4.07	M7	C9-1-4	Top	180.7223	-80.4815	-1.478	0.0206	-0.7885	16.4247
N +4.07	M7	C9-1-5	Top	-123.8843	57.5474	0.1806	-0.582	0.0398	56.0534
N +4.07	M7	C9-1-6	Top	-123.8843	-80.4815	0.1806	-0.582	-0.7885	56.0534
N +4.07	M7	C9-1-7	Top	-123.8843	57.5474	-1.478	-0.582	0.0398	16.4247
N +4.07	M7	C9-1-8	Top	-123.8843	-80.4815	-1.478	-0.582	-0.7885	16.4247
N +4.07	M7	C9-2-1	Top	-85.7179	70.1376	1.5196	0.7404	0.6363	77.6418
N +4.07	M7	C9-2-2	Top	-85.7179	-67.8912	1.5196	0.7404	-0.192	77.6418
N +4.07	M7	C9-2-3	Top	-85.7179	70.1376	-0.139	0.7404	0.6363	38.0131
N +4.07	M7	C9-2-4	Top	-85.7179	-67.8912	-0.139	0.7404	-0.192	38.0131
N +4.07	M7	C9-2-5	Top	-390.3245	70.1376	1.5196	0.1378	0.6363	77.6418
N +4.07	M7	C9-2-6	Top	-390.3245	-67.8912	1.5196	0.1378	-0.192	77.6418
N +4.07	M7	C9-2-7	Top	-390.3245	70.1376	-0.139	0.1378	0.6363	38.0131

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N +4.07	M7	C9-2-8	Top	-390.3245	-67.8912	-0.139	0.1378	-0.192	38.0131
N +4.07	M7	C9-3-1	Top	173.2856	0.4789	0.2752	-0.3411	0.1309	36.9441
N +4.07	M7	C9-3-2	Top	173.2856	-137.5499	0.2752	-0.3411	-0.6974	36.9441
N +4.07	M7	C9-3-3	Top	173.2856	0.4789	-1.3834	-0.3411	0.1309	-2.6846
N +4.07	M7	C9-3-4	Top	173.2856	-137.5499	-1.3834	-0.3411	-0.6974	-2.6846
N +4.07	M7	C9-3-5	Top	-131.321	0.4789	0.2752	-0.9437	0.1309	36.9441
N +4.07	M7	C9-3-6	Top	-131.321	-137.5499	0.2752	-0.9437	-0.6974	36.9441
N +4.07	M7	C9-3-7	Top	-131.321	0.4789	-1.3834	-0.9437	0.1309	-2.6846
N +4.07	M7	C9-3-8	Top	-131.321	-137.5499	-1.3834	-0.9437	-0.6974	-2.6846
N +4.07	M7	C10-1	Top	-69.2639	-2.5065	0.0112	0.0426	-0.0421	25.8433
N +4.07	M7	C11-1	Top	-67.8567	-2.457	0.0107	0.0409	-0.0414	24.9499
N +4.07	M8	C1-1	Top	-41.1207	-0.5217	0.0112	0.0382	-0.0616	-1.4701
N +4.07	M8	C2-1	Top	-40.9539	-0.6148	0.0175	0.053	-0.0849	-2.0495
N +4.07	M8	C3-1	Top	-39.4656	-0.5324	0.0146	0.0463	-0.0748	-1.877
N +4.07	M8	C4-1	Top	-36.1579	-0.4199	0.0097	0.034	-0.0555	-1.4328
N +4.07	M8	C5-1	Top	-35.9554	-0.4259	0.0097	0.0337	-0.0549	-1.3944
N +4.07	M8	C6-1	Top	-39.1111	-0.543	0.0146	0.0458	-0.0738	-1.8098
N +4.07	M8	C7-1	Top	-38.7059	-0.5552	0.0145	0.0453	-0.0725	-1.7331
N +4.07	M8	C8-1	Top	38.1158	14.3636	-0.3034	0.4275	0.159	-23.6639
N +4.07	M8	C8-2	Top	38.1158	-13.7562	-0.3034	0.4275	0.0493	-23.6639
N +4.07	M8	C8-3	Top	38.1158	14.3636	-0.444	0.4275	0.159	-46.7099
N +4.07	M8	C8-4	Top	38.1158	-13.7562	-0.444	0.4275	0.0493	-46.7099
N +4.07	M8	C8-5	Top	-39.6659	14.3636	-0.3034	0.2383	0.159	-23.6639
N +4.07	M8	C8-6	Top	-39.6659	-13.7562	-0.3034	0.2383	0.0493	-23.6639
N +4.07	M8	C8-7	Top	-39.6659	14.3636	-0.444	0.2383	0.159	-46.7099
N +4.07	M8	C8-8	Top	-39.6659	-13.7562	-0.444	0.2383	0.0493	-46.7099
N +4.07	M8	C8-1-1	Top	11.4066	26.7029	0.3817	-0.0177	-0.161	43.2999
N +4.07	M8	C8-1-2	Top	11.4066	-1.4169	0.3817	-0.0177	-0.2707	43.2999
N +4.07	M8	C8-1-3	Top	11.4066	26.7029	0.2411	-0.0177	-0.161	20.2539
N +4.07	M8	C8-1-4	Top	11.4066	-1.4169	0.2411	-0.0177	-0.2707	20.2539
N +4.07	M8	C8-1-5	Top	-66.3751	26.7029	0.3817	-0.2069	-0.161	43.2999
N +4.07	M8	C8-1-6	Top	-66.3751	-1.4169	0.3817	-0.2069	-0.2707	43.2999
N +4.07	M8	C8-1-7	Top	-66.3751	26.7029	0.2411	-0.2069	-0.161	20.2539
N +4.07	M8	C8-1-8	Top	-66.3751	-1.4169	0.2411	-0.2069	-0.2707	20.2539
N +4.07	M8	C8-2-1	Top	-10.9355	0.3036	-0.2121	0.2973	0.1259	-23.7008
N +4.07	M8	C8-2-2	Top	-10.9355	-27.8162	-0.2121	0.2973	0.0162	-23.7008
N +4.07	M8	C8-2-3	Top	-10.9355	0.3036	-0.3527	0.2973	0.1259	-46.7468

N +4.07	M8	C8-2-4	Top	-10.9355	-27.8162	-0.3527	0.2973	0.0162	-46.7468
N +4.07	M8	C8-2-5	Top	-88.7172	0.3036	-0.2121	0.1081	0.1259	-23.7008
N +4.07	M8	C8-2-6	Top	-88.7172	-27.8162	-0.2121	0.1081	0.0162	-23.7008
N +4.07	M8	C8-2-7	Top	-88.7172	0.3036	-0.3527	0.1081	0.1259	-46.7468
N +4.07	M8	C8-2-8	Top	-88.7172	-27.8162	-0.3527	0.1081	0.0162	-46.7468
N +4.07	M8	C8-3-1	Top	-37.6447	12.6428	0.473	-0.1479	-0.1941	43.263
N +4.07	M8	C8-3-2	Top	-37.6447	-15.477	0.473	-0.1479	-0.3037	43.263
N +4.07	M8	C8-3-3	Top	-37.6447	12.6428	0.3324	-0.1479	-0.1941	20.217
N +4.07	M8	C8-3-4	Top	-37.6447	-15.477	0.3324	-0.1479	-0.3037	20.217
N +4.07	M8	C8-3-5	Top	-115.4264	12.6428	0.473	-0.3371	-0.1941	43.263
N +4.07	M8	C8-3-6	Top	-115.4264	-15.477	0.473	-0.3371	-0.3037	43.263
N +4.07	M8	C8-3-7	Top	-115.4264	12.6428	0.3324	-0.3371	-0.1941	20.217
N +4.07	M8	C8-3-8	Top	-115.4264	-15.477	0.3324	-0.3371	-0.3037	20.217
N +4.07	M8	C9-1	Top	133.8724	55.8078	-0.0369	0.4352	0.159	23.2967
N +4.07	M8	C9-2	Top	133.8724	-13.7562	-0.0369	0.4352	-0.0975	23.2967
N +4.07	M8	C9-3	Top	133.8724	55.8078	-0.444	0.4352	0.159	-46.7099
N +4.07	M8	C9-4	Top	133.8724	-13.7562	-0.444	0.4352	-0.0975	-46.7099
N +4.07	M8	C9-5	Top	-39.6659	55.8078	-0.0369	0.223	0.159	23.2967
N +4.07	M8	C9-6	Top	-39.6659	-13.7562	-0.0369	0.223	-0.0975	23.2967
N +4.07	M8	C9-7	Top	-39.6659	55.8078	-0.444	0.223	0.159	-46.7099
N +4.07	M8	C9-8	Top	-39.6659	-13.7562	-0.444	0.223	-0.0975	-46.7099
N +4.07	M8	C9-1-1	Top	-29.632	8.9411	0.2675	0.001	0.0487	23.1739
N +4.07	M8	C9-1-2	Top	-29.632	-60.623	0.2675	0.001	-0.2078	23.1739
N +4.07	M8	C9-1-3	Top	-29.632	8.9411	-0.1397	0.001	0.0487	-46.8328
N +4.07	M8	C9-1-4	Top	-29.632	-60.623	-0.1397	0.001	-0.2078	-46.8328
N +4.07	M8	C9-1-5	Top	-203.1702	8.9411	0.2675	-0.2112	0.0487	23.1739
N +4.07	M8	C9-1-6	Top	-203.1702	-60.623	0.2675	-0.2112	-0.2078	23.1739
N +4.07	M8	C9-1-7	Top	-203.1702	8.9411	-0.1397	-0.2112	0.0487	-46.8328
N +4.07	M8	C9-1-8	Top	-203.1702	-60.623	-0.1397	-0.2112	-0.2078	-46.8328
N +4.07	M8	C9-2-1	Top	125.8596	59.5096	0.1687	0.3016	0.063	43.3859
N +4.07	M8	C9-2-2	Top	125.8596	-10.0544	0.1687	0.3016	-0.1934	43.3859
N +4.07	M8	C9-2-3	Top	125.8596	59.5096	-0.2385	0.3016	0.063	-26.6208
N +4.07	M8	C9-2-4	Top	125.8596	-10.0544	-0.2385	0.3016	-0.1934	-26.6208
N +4.07	M8	C9-2-5	Top	-47.6786	59.5096	0.1687	0.0894	0.063	43.3859
N +4.07	M8	C9-2-6	Top	-47.6786	-10.0544	0.1687	0.0894	-0.1934	43.3859
N +4.07	M8	C9-2-7	Top	-47.6786	59.5096	-0.2385	0.0894	0.063	-26.6208
N +4.07	M8	C9-2-8	Top	-47.6786	-10.0544	-0.2385	0.0894	-0.1934	-26.6208

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N +4.07	M8	C9-3-1	Top	-37.6447	12.6428	0.473	-0.1326	-0.0473	43.263
N +4.07	M8	C9-3-2	Top	-37.6447	-56.9212	0.473	-0.1326	-0.3037	43.263
N +4.07	M8	C9-3-3	Top	-37.6447	12.6428	0.0659	-0.1326	-0.0473	-26.7437
N +4.07	M8	C9-3-4	Top	-37.6447	-56.9212	0.0659	-0.1326	-0.3037	-26.7437
N +4.07	M8	C9-3-5	Top	-211.183	12.6428	0.473	-0.3448	-0.0473	43.263
N +4.07	M8	C9-3-6	Top	-211.183	-56.9212	0.473	-0.3448	-0.3037	43.263
N +4.07	M8	C9-3-7	Top	-211.183	12.6428	0.0659	-0.3448	-0.0473	-26.7437
N +4.07	M8	C9-3-8	Top	-211.183	-56.9212	0.0659	-0.3448	-0.3037	-26.7437
N +4.07	M8	C10-1	Top	-26.6373	-0.3293	0.0072	0.0249	-0.0402	-0.9834
N +4.07	M8	C11-1	Top	-26.2322	-0.3414	0.0072	0.0243	-0.039	-0.9067
N +4.07	M9	C1-1	Top	-52.392	1.4616	-0.0118	0.0252	0.0087	-3.0513
N +4.07	M9	C2-1	Top	-59.5324	2.3299	-0.0167	0.0364	0.0177	-4.9536
N +4.07	M9	C3-1	Top	-55.1753	1.9467	-0.0133	0.0321	0.01	-4.0411
N +4.07	M9	C4-1	Top	-46.4835	1.2817	-0.0088	0.0234	0.0021	-2.5655
N +4.07	M9	C5-1	Top	-46.1333	1.2753	-0.0091	0.023	0.0033	-2.5766
N +4.07	M9	C6-1	Top	-54.5624	1.9354	-0.0138	0.0314	0.0121	-4.0605
N +4.07	M9	C7-1	Top	-53.862	1.9226	-0.0144	0.0307	0.0145	-4.0827
N +4.07	M9	C8-1	Top	-80.3033	12.9283	-0.3774	0.3874	0.5701	13.7156
N +4.07	M9	C8-2	Top	-80.3033	-5.4159	-0.3774	0.3874	0.4383	13.7156
N +4.07	M9	C8-3	Top	-80.3033	12.9283	-0.5091	0.3874	0.5701	0.1614
N +4.07	M9	C8-4	Top	-80.3033	-5.4159	-0.5091	0.3874	0.4383	0.1614
N +4.07	M9	C8-5	Top	-155.3176	12.9283	-0.3774	0.2344	0.5701	13.7156
N +4.07	M9	C8-6	Top	-155.3176	-5.4159	-0.3774	0.2344	0.4383	13.7156
N +4.07	M9	C8-7	Top	-155.3176	12.9283	-0.5091	0.2344	0.5701	0.1614
N +4.07	M9	C8-8	Top	-155.3176	-5.4159	-0.5091	0.2344	0.4383	0.1614
N +4.07	M9	C8-1-1	Top	65.6001	22.8055	0.368	-0.0546	-0.2653	-10.4328
N +4.07	M9	C8-1-2	Top	65.6001	4.4613	0.368	-0.0546	-0.3971	-10.4328
N +4.07	M9	C8-1-3	Top	65.6001	22.8055	0.2363	-0.0546	-0.2653	-23.987
N +4.07	M9	C8-1-4	Top	65.6001	4.4613	0.2363	-0.0546	-0.3971	-23.987
N +4.07	M9	C8-1-5	Top	-9.4143	22.8055	0.368	-0.2076	-0.2653	-10.4328
N +4.07	M9	C8-1-6	Top	-9.4143	4.4613	0.368	-0.2076	-0.3971	-10.4328
N +4.07	M9	C8-1-7	Top	-9.4143	22.8055	0.2363	-0.2076	-0.2653	-23.987
N +4.07	M9	C8-1-8	Top	-9.4143	4.4613	0.2363	-0.2076	-0.3971	-23.987
N +4.07	M9	C8-2-1	Top	-98.1346	-0.6194	-0.2652	0.2688	0.4267	15.816
N +4.07	M9	C8-2-2	Top	-98.1346	-18.9636	-0.2652	0.2688	0.2949	15.816
N +4.07	M9	C8-2-3	Top	-98.1346	-0.6194	-0.3969	0.2688	0.4267	2.2618
N +4.07	M9	C8-2-4	Top	-98.1346	-18.9636	-0.3969	0.2688	0.2949	2.2618

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N +4.07	M9	C8-2-5	Top	-173.1489	-0.6194	-0.2652	0.1157	0.4267	15.816
N +4.07	M9	C8-2-6	Top	-173.1489	-18.9636	-0.2652	0.1157	0.2949	15.816
N +4.07	M9	C8-2-7	Top	-173.1489	-0.6194	-0.3969	0.1157	0.4267	2.2618
N +4.07	M9	C8-2-8	Top	-173.1489	-18.9636	-0.3969	0.1157	0.2949	2.2618
N +4.07	M9	C8-3-1	Top	47.7688	9.2578	0.4802	-0.1732	-0.4087	-8.3324
N +4.07	M9	C8-3-2	Top	47.7688	-9.0864	0.4802	-0.1732	-0.5405	-8.3324
N +4.07	M9	C8-3-3	Top	47.7688	9.2578	0.3485	-0.1732	-0.4087	-21.8866
N +4.07	M9	C8-3-4	Top	47.7688	-9.0864	0.3485	-0.1732	-0.5405	-21.8866
N +4.07	M9	C8-3-5	Top	-27.2456	9.2578	0.4802	-0.3263	-0.4087	-8.3324
N +4.07	M9	C8-3-6	Top	-27.2456	-9.0864	0.4802	-0.3263	-0.5405	-8.3324
N +4.07	M9	C8-3-7	Top	-27.2456	9.2578	0.3485	-0.3263	-0.4087	-21.8866
N +4.07	M9	C8-3-8	Top	-27.2456	-9.0864	0.3485	-0.3263	-0.5405	-21.8866
N +4.07	M9	C9-1	Top	63.4355	51.4535	-0.1174	0.3874	0.5701	13.7156
N +4.07	M9	C9-2	Top	63.4355	-5.4159	-0.1174	0.3874	0.1882	13.7156
N +4.07	M9	C9-3	Top	63.4355	51.4535	-0.5091	0.3874	0.5701	-21.6434
N +4.07	M9	C9-4	Top	63.4355	-5.4159	-0.5091	0.3874	0.1882	-21.6434
N +4.07	M9	C9-5	Top	-155.3176	51.4535	-0.1174	0.2019	0.5701	13.7156
N +4.07	M9	C9-6	Top	-155.3176	-5.4159	-0.1174	0.2019	0.1882	13.7156
N +4.07	M9	C9-7	Top	-155.3176	51.4535	-0.5091	0.2019	0.5701	-21.6434
N +4.07	M9	C9-8	Top	-155.3176	-5.4159	-0.5091	0.2019	0.1882	-21.6434
N +4.07	M9	C9-1-1	Top	3.9977	6.2947	0.2566	-0.0081	0.092	20.717
N +4.07	M9	C9-1-2	Top	3.9977	-50.5748	0.2566	-0.0081	-0.2898	20.717
N +4.07	M9	C9-1-3	Top	3.9977	6.2947	-0.1351	-0.0081	0.092	-14.6421
N +4.07	M9	C9-1-4	Top	3.9977	-50.5748	-0.1351	-0.0081	-0.2898	-14.6421
N +4.07	M9	C9-1-5	Top	-214.7554	6.2947	0.2566	-0.1937	0.092	20.717
N +4.07	M9	C9-1-6	Top	-214.7554	-50.5748	0.2566	-0.1937	-0.2898	20.717
N +4.07	M9	C9-1-7	Top	-214.7554	6.2947	-0.1351	-0.1937	0.092	-14.6421
N +4.07	M9	C9-1-8	Top	-214.7554	-50.5748	-0.1351	-0.1937	-0.2898	-14.6421
N +4.07	M9	C9-2-1	Top	107.2065	54.4167	0.1062	0.2548	0.3195	6.4711
N +4.07	M9	C9-2-2	Top	107.2065	-2.4528	0.1062	0.2548	-0.0624	6.4711
N +4.07	M9	C9-2-3	Top	107.2065	54.4167	-0.2855	0.2548	0.3195	-28.8879
N +4.07	M9	C9-2-4	Top	107.2065	-2.4528	-0.2855	0.2548	-0.0624	-28.8879
N +4.07	M9	C9-2-5	Top	-111.5466	54.4167	0.1062	0.0693	0.3195	6.4711
N +4.07	M9	C9-2-6	Top	-111.5466	-2.4528	0.1062	0.0693	-0.0624	6.4711
N +4.07	M9	C9-2-7	Top	-111.5466	54.4167	-0.2855	0.0693	0.3195	-28.8879
N +4.07	M9	C9-2-8	Top	-111.5466	-2.4528	-0.2855	0.0693	-0.0624	-28.8879
N +4.07	M9	C9-3-1	Top	47.7688	9.2578	0.4802	-0.1407	-0.1586	13.4724

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N +4.07	M9	C9-3-2	Top	47.7688	-47.6116	0.4802	-0.1407	-0.5405	13.4724
N +4.07	M9	C9-3-3	Top	47.7688	9.2578	0.0885	-0.1407	-0.1586	-21.8866
N +4.07	M9	C9-3-4	Top	47.7688	-47.6116	0.0885	-0.1407	-0.5405	-21.8866
N +4.07	M9	C9-3-5	Top	-170.9844	9.2578	0.4802	-0.3263	-0.1586	13.4724
N +4.07	M9	C9-3-6	Top	-170.9844	-47.6116	0.4802	-0.3263	-0.5405	13.4724
N +4.07	M9	C9-3-7	Top	-170.9844	9.2578	0.0885	-0.3263	-0.1586	-21.8866
N +4.07	M9	C9-3-8	Top	-170.9844	-47.6116	0.0885	-0.3263	-0.5405	-21.8866
N +4.07	M9	C10-1	Top	-34.0308	0.946	-0.0073	0.0166	0.0044	-1.9505
N +4.07	M9	C11-1	Top	-33.3304	0.9332	-0.0078	0.0158	0.0068	-1.9727
N +4.07	M10	C1-1	Top	-71.0065	-2.3574	-0.8439	0.2537	2.2169	12.8063
N +4.07	M10	C2-1	Top	-88.9641	-4.8316	-1.2975	0.4052	3.4255	21.5268
N +4.07	M10	C3-1	Top	-81.1328	-3.8445	-1.0975	0.335	2.8909	18.1924
N +4.07	M10	C4-1	Top	-64.6469	-2.1144	-0.7447	0.2178	1.9524	11.8462
N +4.07	M10	C5-1	Top	-63.8059	-2.0935	-0.74	0.2177	1.9408	11.653
N +4.07	M10	C6-1	Top	-79.6612	-3.8081	-1.0891	0.3349	2.8706	17.8543
N +4.07	M10	C7-1	Top	-77.9793	-3.7664	-1.0796	0.3347	2.8473	17.4679
N +4.07	M10	C8-1	Top	-136.7628	47.8733	-1.4572	0.6589	2.8395	34.851
N +4.07	M10	C8-2	Top	-136.7628	16.8965	-1.4572	0.6589	2.7893	34.851
N +4.07	M10	C8-3	Top	-136.7628	47.8733	-1.6419	0.6589	2.8395	26.1877
N +4.07	M10	C8-4	Top	-136.7628	16.8965	-1.6419	0.6589	2.7893	26.1877
N +4.07	M10	C8-5	Top	-189.6363	47.8733	-1.4572	0.5264	2.8395	34.851
N +4.07	M10	C8-6	Top	-189.6363	16.8965	-1.4572	0.5264	2.7893	34.851
N +4.07	M10	C8-7	Top	-189.6363	47.8733	-1.6419	0.5264	2.8395	26.1877
N +4.07	M10	C8-8	Top	-189.6363	16.8965	-1.6419	0.5264	2.7893	26.1877
N +4.07	M10	C8-1-1	Top	-23.8879	3.027	-0.6796	0.2427	2.91	12.1269
N +4.07	M10	C8-1-2	Top	-23.8879	-27.9498	-0.6796	0.2427	2.8597	12.1269
N +4.07	M10	C8-1-3	Top	-23.8879	3.027	-0.8643	0.2427	2.91	3.4636
N +4.07	M10	C8-1-4	Top	-23.8879	-27.9498	-0.8643	0.2427	2.8597	3.4636
N +4.07	M10	C8-1-5	Top	-76.7615	3.027	-0.6796	0.1102	2.91	12.1269
N +4.07	M10	C8-1-6	Top	-76.7615	-27.9498	-0.6796	0.1102	2.8597	12.1269
N +4.07	M10	C8-1-7	Top	-76.7615	3.027	-0.8643	0.1102	2.91	3.4636
N +4.07	M10	C8-1-8	Top	-76.7615	-27.9498	-0.8643	0.1102	2.8597	3.4636
N +4.07	M10	C8-2-1	Top	-78.7767	20.4274	-1.2926	0.5593	2.8291	31.3757
N +4.07	M10	C8-2-2	Top	-78.7767	-10.5494	-1.2926	0.5593	2.7789	31.3757
N +4.07	M10	C8-2-3	Top	-78.7767	20.4274	-1.4773	0.5593	2.8291	22.7124
N +4.07	M10	C8-2-4	Top	-78.7767	-10.5494	-1.4773	0.5593	2.7789	22.7124
N +4.07	M10	C8-2-5	Top	-131.6503	20.4274	-1.2926	0.4267	2.8291	31.3757

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N +4.07	M10	C8-2-6	Top	-131.6503	-10.5494	-1.2926	0.4267	2.7789	31.3757
N +4.07	M10	C8-2-7	Top	-131.6503	20.4274	-1.4773	0.4267	2.8291	22.7124
N +4.07	M10	C8-2-8	Top	-131.6503	-10.5494	-1.4773	0.4267	2.7789	22.7124
N +4.07	M10	C8-3-1	Top	34.0982	-24.4189	-0.515	0.143	2.8996	8.6515
N +4.07	M10	C8-3-2	Top	34.0982	-55.3957	-0.515	0.143	2.8493	8.6515
N +4.07	M10	C8-3-3	Top	34.0982	-24.4189	-0.6997	0.143	2.8996	-0.0118
N +4.07	M10	C8-3-4	Top	34.0982	-55.3957	-0.6997	0.143	2.8493	-0.0118
N +4.07	M10	C8-3-5	Top	-18.7754	-24.4189	-0.515	0.0105	2.8996	8.6515
N +4.07	M10	C8-3-6	Top	-18.7754	-55.3957	-0.515	0.0105	2.8493	8.6515
N +4.07	M10	C8-3-7	Top	-18.7754	-24.4189	-0.6997	0.0105	2.8996	-0.0118
N +4.07	M10	C8-3-8	Top	-18.7754	-55.3957	-0.6997	0.0105	2.8493	-0.0118
N +4.07	M10	C9-1	Top	-136.7628	80.5213	-1.2971	0.6589	2.9131	34.851
N +4.07	M10	C9-2	Top	-136.7628	16.8965	-1.2971	0.6589	2.7893	34.851
N +4.07	M10	C9-3	Top	-136.7628	80.5213	-1.6419	0.6589	2.9131	18.39
N +4.07	M10	C9-4	Top	-136.7628	16.8965	-1.6419	0.6589	2.7893	18.39
N +4.07	M10	C9-5	Top	-245.9247	80.5213	-1.2971	0.4676	2.9131	34.851
N +4.07	M10	C9-6	Top	-245.9247	16.8965	-1.2971	0.4676	2.7893	34.851
N +4.07	M10	C9-7	Top	-245.9247	80.5213	-1.6419	0.4676	2.9131	18.39
N +4.07	M10	C9-8	Top	-245.9247	16.8965	-1.6419	0.4676	2.7893	18.39
N +4.07	M10	C9-1-1	Top	56.5241	-10.9651	-0.7483	0.3267	2.8785	23.2665
N +4.07	M10	C9-1-2	Top	56.5241	-74.5899	-0.7483	0.3267	2.7546	23.2665
N +4.07	M10	C9-1-3	Top	56.5241	-10.9651	-1.0931	0.3267	2.8785	6.8055
N +4.07	M10	C9-1-4	Top	56.5241	-74.5899	-1.0931	0.3267	2.7546	6.8055
N +4.07	M10	C9-1-5	Top	-52.6379	-10.9651	-0.7483	0.1354	2.8785	23.2665
N +4.07	M10	C9-1-6	Top	-52.6379	-74.5899	-0.7483	0.1354	2.7546	23.2665
N +4.07	M10	C9-1-7	Top	-52.6379	-10.9651	-1.0931	0.1354	2.8785	6.8055
N +4.07	M10	C9-1-8	Top	-52.6379	-74.5899	-1.0931	0.1354	2.7546	6.8055
N +4.07	M10	C9-2-1	Top	-102.9003	67.0674	-1.0638	0.5341	2.9342	28.0338
N +4.07	M10	C9-2-2	Top	-102.9003	3.4426	-1.0638	0.5341	2.8104	28.0338
N +4.07	M10	C9-2-3	Top	-102.9003	67.0674	-1.4086	0.5341	2.9342	11.5728
N +4.07	M10	C9-2-4	Top	-102.9003	3.4426	-1.4086	0.5341	2.8104	11.5728
N +4.07	M10	C9-2-5	Top	-212.0623	67.0674	-1.0638	0.3427	2.9342	28.0338
N +4.07	M10	C9-2-6	Top	-212.0623	3.4426	-1.0638	0.3427	2.8104	28.0338
N +4.07	M10	C9-2-7	Top	-212.0623	67.0674	-1.4086	0.3427	2.9342	11.5728
N +4.07	M10	C9-2-8	Top	-212.0623	3.4426	-1.4086	0.3427	2.8104	11.5728
N +4.07	M10	C9-3-1	Top	90.3865	-24.4189	-0.515	0.2019	2.8996	16.4492
N +4.07	M10	C9-3-2	Top	90.3865	-88.0437	-0.515	0.2019	2.7758	16.4492

N +4.07	M10	C9-3-3	Top	90.3865	-24.4189	-0.8598	0.2019	2.8996	-0.0118
N +4.07	M10	C9-3-4	Top	90.3865	-88.0437	-0.8598	0.2019	2.7758	-0.0118
N +4.07	M10	C9-3-5	Top	-18.7754	-24.4189	-0.515	0.0105	2.8996	16.4492
N +4.07	M10	C9-3-6	Top	-18.7754	-88.0437	-0.515	0.0105	2.7758	16.4492
N +4.07	M10	C9-3-7	Top	-18.7754	-24.4189	-0.8598	0.0105	2.8996	-0.0118
N +4.07	M10	C9-3-8	Top	-18.7754	-88.0437	-0.8598	0.0105	2.7758	-0.0118
N +4.07	M10	C10-1	Top	-46.488	-1.5363	-0.5473	0.1632	1.4367	8.4258
N +4.07	M10	C11-1	Top	-44.8061	-1.4947	-0.5378	0.163	1.4135	8.0394

Muro Nuevo M10

Geometría muros	
l_w (m)	2.5
h_{libre} (m) p1	3.57
h_{libre} (m) p2	2.92
h_{libre} (m) p3	4.21
b_w (m)	0.25
f´c (MPa)	24
hw (m)	12.1

Nivel	Vu (kN)	Mu (kN.m)	Pu (kN)	fcu (MPa)
N+12.10 Sup	768.23	954.67	264.20	4.09
N+12.10 Inf	768.23	954.67	264.20	4.09
N+7.44 Sup	970.29	1402.50	262.86	5.81
N+7.44 Inf	970.29	1402.50	262.86	5.81
N +4.07 Sup	2110.10	3353.34	796.34	14.15
N +4.07 Inf	2110.10	3353.34	796.34	14.15

Ast tentativo (mm^2)	Ast colocado (mm^2)	$ØP_{0n}$ (kN)	$ØP_{n\,max}$ (kN)	$ØP_{bn}$ (kN)	Ase (mm^2)	Ass (mm^2)	$ØM_{bn}$ (kN.m)	$ØP_{tn}$ (kN)	$ØM_n$ (kN.m)	Condición	Flexión biaxial
1562.5	1890	8778.4086	7022.72688	4095	1890	0	3648.13304	714.42	1056.07	ok	0.904
1562.5	1890	8778.4086	7022.72688	4095	1890	0	3648.13304	714.42	1056.07	ok	0.904
1562.5	4300	8778.4086	7022.72688	4095	4300	0	4122.6519	1625.4	3152.19	ok	0.445
1562.5	4300	9404.382	7523.5056	4095	4300	0	4122.6519	1625.4	3152.19	ok	0.445
1562.5	4300	9404.382	7523.5056	4095	4300	0	4122.6519	1625.4	4042.76	ok	0.829
1562.5	4300	9404.382	7523.5056	4095	4300	0	4122.6519	1625.4	4042.76	ok	0.829

h_w/l_w	αc	V_c (KN)	$V_s = V_u - V_c$ (KN)	C.11.4.7.9 (KN)	C.21.9.4.4 (KN)	#	A mm2	S mm
4.84	2	510.31	258	1617	2541	2 Varillas 8.0mmCx/150 + 8.5mmCy/150	100.5	164
4.84	2	510.31	258	1617	2541	2 Varillas 8.0mmCx/150 + 8.5mmCy/150	100.5	164
4.84	2	510.31	460	1617	2541	2 Varillas #3xxCx/150 + #4xxCy/150	142	152
4.84	2	510.31	460	1617	2541	2 Varillas #3xxCx/150+ #4xxCy/150	142	152
4.84	2	510.31	1600	1617	2541	2 Varillas #5xxCx/150 + #4xxCy/150	398	145
4.84	2	510.31	1600	1617	2541	2 Varillas #5xxCx/150 + #4xxCy/150	398	145

p	0.00688
c/l	0.20048283
δ	0.016
δ/hw	0.00132231
δ/hw>	0.007
1/(600*δ/hw)	0.23809524
Elemento Borde	No requiere

15.4. CHEQUEO DE COLUMNA FUERTE-VIGA DEBIL

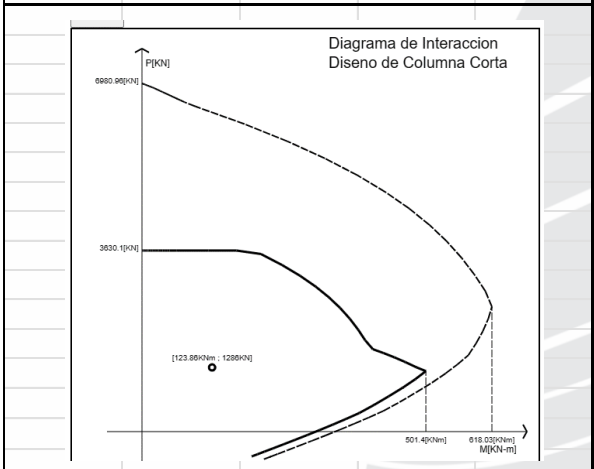
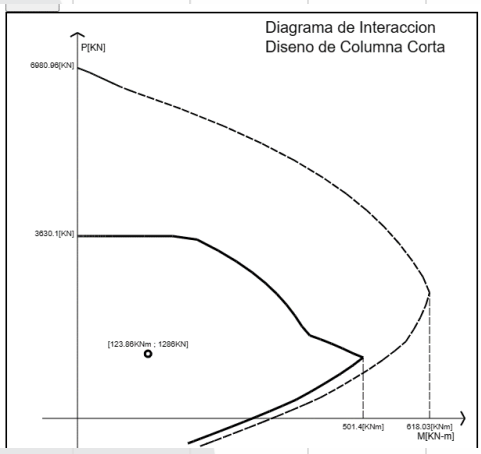
TABLE: Concrete Joint Envelope - ACI 318-19

Story	Label	UniqueName	Section	B/C Major Combo	B/C Major Ratio	B/C Minor Combo	B/C Minor Ratio	JS Major Combo	JS Major Ratio	JS Minor Combo	JS Minor Ratio
N+12.10	C23	3	COL C1 56x56	C9-1	0.025	C9-1	0.455	C8	0.013	C8	0.248
N+12.10	C28	9	COL C9 56X54	C8	0.019	C8	0.933	C8	0.021	C8	
N+12.10	C32	15	Col Aumento 68x68	C9	0.856	C9	0.617	C8	0.819	C8	0.623
N+12.10	C1	4	COL C10 57X52	C9-3	0.935	C9-3	0.616	C8	0.49	C8	0.369
N+12.10	C2	6	COL C7 56X55	C9-3	0.756	C9-3	0.74	C8	0.467	C8	0.46
N+12.10	C3	10	Col Aumento 68x68	C8-3	0.455	C8-3	0.905	C8	0.607	C8	1.01
N+12.10	C4	12	COL C9 56X54	C9-2	0.546	C9-2	0.723	C8	0.665	C8	0.933
N+12.10	C5	16	Col Aumento 68x68	C9	0.842	C9	0.889	C8	1.034	C8	0.824
N+12.10	C6	18	COL C13 55X54	C9	0.929	C9	0.019	C8	0.836	C8	0.015
N+10.43	C23	1	COL C1 56x56								
N+10.43	C28	8	COL C9 56X54	C8	0.509	C8	0.895	C8	0.505	C8	0.861
N+10.43	C32	14	Col Aumento 68x68								
N+7.44	C16	124	COL C6 54X55	C9-1	0.473	C9-1	0.638	C8	0.263	C8	0.38
N+7.44	C19	19	COL NUEVA 50X50	C9-3	0.927	C9-3	0.538	C8	0.624	C8	0.389
N+7.44	C20	115	COL C7 56X55	C9-3	0.904	C9-3	0.802	C8	0.601	C8	0.552
N+7.44	C21	117	COL C4 55x55	C9-3	0.193	C9-3	0.87	C8	0.1	C8	0.498
N+7.44	C23	125	COL C1 56x56								
N+7.44	C24	127	COL C1 56x56								
N+7.44	C25	129	COL C4 55x55	C9-3	0.85	C9-3	0.854	C8	0.94	C8	0.989
N+7.44	C27	133	COL C9 56X54	C8-3	0.2	C8-3	0.909	C8	0.164	C8	0.796
N+7.44	C28	135	COL C7 56X55	C8	0.51	C8	0.857	C8	0.523	C8	0.875

N+7.44	C29	137	Col Aumento 68x68	C8-3	0.601	C8-3	0.262	C8	0.588	C8	0.273
N+7.44	C30	139	Col Aumento 68x68	C8	0.686	C8	0.667	C8	0.642	C8	0.651
N+7.44	C31	141	COL C1 56x56	C9-2	0.407	C9-2	0.77	C8	0.228	C8	0.465
N+7.44	C32	143	Col Aumento 68x68	C8-3	0.155	C8-3	0.215	C8	0.237	C8	0.358
N+7.44	C33	145	Col Aumento 68x68	C9	0.388			C8	0.344		
N+7.44	C34	147	Col Aumento 68x68	C9	0.452	C9	0.014	C8	0.238	C8	0.007
N+4.07	C16	2	COL C1 56x56	C9-1	0.288	C9-1	0.34	C8	0.266	C8	0.33
N+4.07	C19	42	COL C2 53x56	C9-3	0.71	C9-3	0.486	C8	0.7	C8	0.405
N+4.07	C20	96	COL C3 86x56	C9-3	0.306	C9-3	0.377	C8	0.355	C8	0.334
N+4.07	C21	116	COL C2 53x56	C9-3	0.13	C9-3	0.532	C8	0.107	C8	0.505
N+4.07	C23	123	COL C1 56x56								
N+4.07	C24	126	COL C1 56x56								
N+4.07	C25	128	COL C2 53x56	C9-1	0.788	C9-1	0.518	C8	0.828	C8	0.573
N+4.07	C27	132	COL C4 55x55	C8-3	0.15	C8-3	0.814	C8	0.137	C8	0.794
N+4.07	C28	134	Col Aumento 68x68	C8	0.404	C8	0.766	C8	0.281	C8	0.561
N+4.07	C29	136	Col Aumento 68x68	C8-3	0.634	C8-3	0.541	C8	0.873	C8	0.848
N+4.07	C30	138	Col Aumento 68x68	C8	0.634	C8	0.35	C8	0.832	C8	0.6
N+4.07	C31	140	COL C5 56x57	C9-2	0.216	C9-2	0.459	C8	0.191	C8	0.448
N+4.07	C32	142	Col Aumento 68x68	C8-3	0.525	C8-3	0.234	C8	0.648	C8	0.389

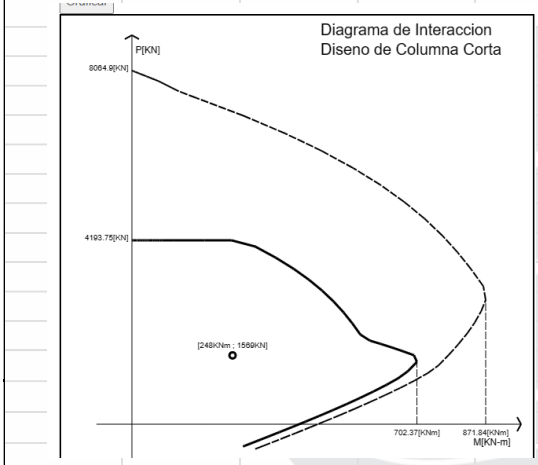
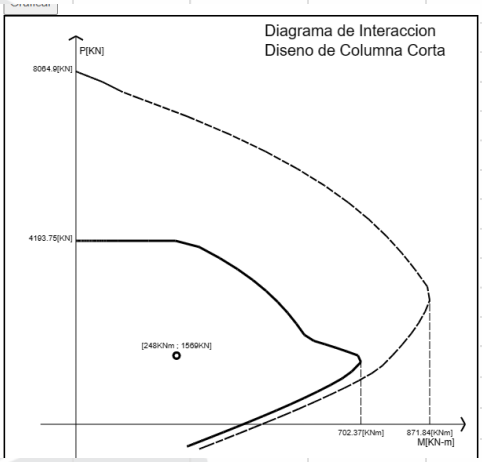
N +4.0 7	C3 3	144	Col Aumento 68x68	C9	0.701	C9	0.459	C8	0.722	C8	0.689
N +4.0 7	C3 4	146	Col Aumento 68x68	C9	0.803	C9	0.019	C8	0.669	C8	0.017

A continuación, se hace el chequeo manual de los nudos que no presentan chequeo en el modelo.

Col 56x56 -Label C24		Col 56x56 -Label C24	
As	34 cm2	As	34 cm2
			
Mn Col- P1 kN*m -C11	618	Mn Col- P2 kN*m -C11	618

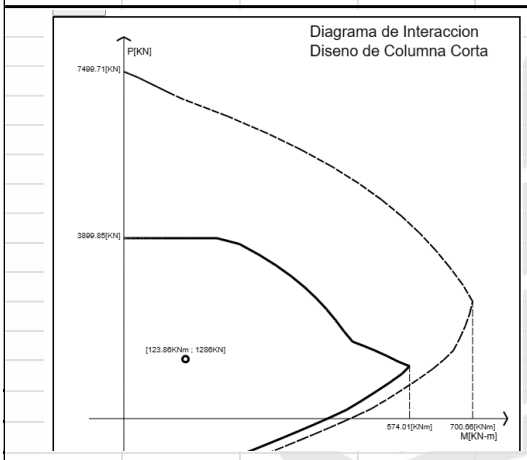
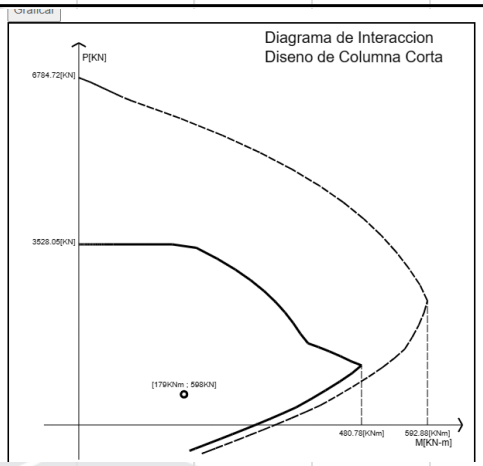
EJE D3							
Viga 40x60 -Label B17		Viga 40x60 -Label B18		Viga 40x60 -Label B9		Viga 40x50 -Label B8	
Vigas	40x60cm	Vigas	40x60cm	Vigas	40x60cm	Vigas	40x50cm
As cm2	7.2	As cm2	7.2	As cm2	26.45	As cm2	8.45
As´ cm2	3.88	As´ cm2	5.8	As´ cm2	8.02	As´ cm2	5.8
b cm	40	b cm	40	b cm	40	b cm	40
h cm	60	h cm	60	h cm	60	h cm	50
r cm	4	r cm	4	r cm	4	r cm	4
d cm	54	d cm	54	d cm	54	d cm	44
d´ cm	6	d´ cm	6	d´ cm	6	d´ cm	6
fy Pa	420000000	fy Pa	420000000	fy Pa	420000000	fy Pa	420000000
f´c Pa	21000000	f´c Pa	21000000	f´c Pa	21000000	f´c Pa	21000000
ρ	0.003	ρ	0.003	ρ	0.012	ρ	0.005
ρ´	0.002	ρ´	0.003	ρ´	0.004	ρ´	0.003
a cm	1.953	a cm	0.824	a cm	10.841	a cm	1.559
Mn kN*m	152	ØMn kN*m	148	ØMn kN*m	538	ØMn kN*m	141

Mn Col- P1 kN*m -C11	618
Mn Col- P2 kN*m -C11	618
Σ Mcol	1236
1.2 Σ Mv / Σ Mcol Eje 1-1	0.66
1.2 Σ Mv / Σ Mcol Eje 2-2	0.29

Col 56x65 -Label C1		Col 40x40 -Label C9	
AS	38.7 cm2	As	38.7 cm2
			
Mn Col- P1 kN*m -C11	871	Mn Col- P2 kN*m -C11	871

Eje D1					
Viga 40x60 -Label B1		Viga 40x60 -Label B16		Viga 40x60 -Label B4	
Vigas	40x60cm	Vigas	40x60cm	Vigas	40x60cm
As cm2	27.13	As cm2	27.48	As cm2	30
As´ cm2	8.2	As´ cm2	8.19	As´ cm2	8.96
b cm	40	b cm	40	b cm	40
h cm	60	h cm	60	h cm	60
r cm	4	r cm	4	r cm	4
d cm	54	d cm	54	d cm	54
d´ cm	6	d´ cm	6	d´ cm	6
fy Pa	420000000	fy Pa	420000000	fy Pa	420000000
f´c Pa	21000000	f´c Pa	21000000	f´c Pa	21000000
ρ	0.013	ρ	0.013	ρ	0.014
ρ´	0.004	ρ´	0.004	ρ´	0.004
a cm	11.135	a cm	11.347	a cm	12.376
Mn kN*m	550	ØMn kN*m	557	ØMn kN*m	603

Mn Col- P1 kN*m -C11	871
Mn Col- P2 kN*m -C11	871
Σ Mcol	1742
1.2 Σ Mv / Σ Mcol Eje 1-1	0.76
1.2 Σ Mv / Σ Mcol Eje 2-2	0.42

Col 56x56		Col 55x55	
As	46.44 cm2	As	34.08 cm2
			
Mn Col- P1 kN*m -C11	700.66	Mn Col- P2 kN*m -C11	592

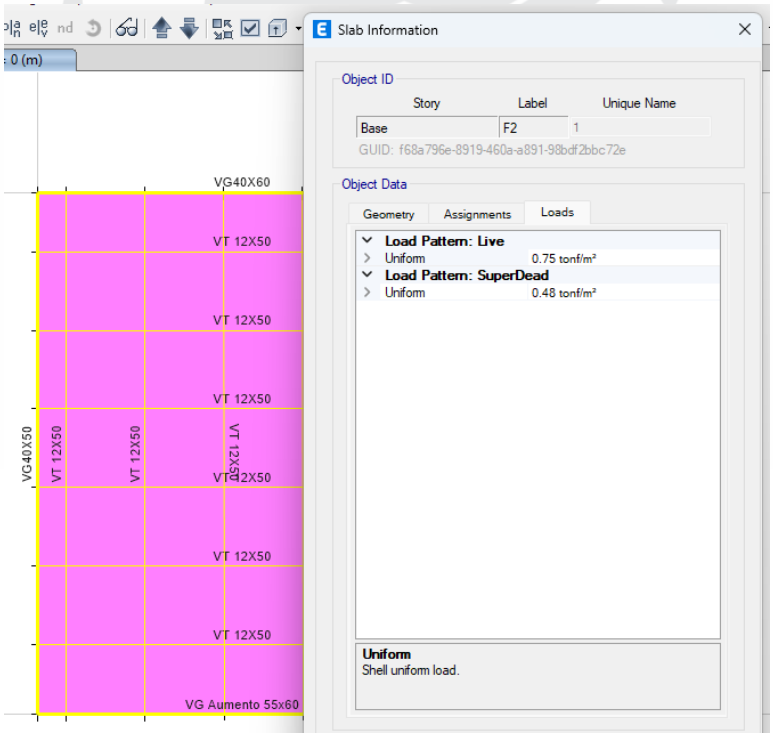
Eje B3 y B1			
Viga 40x45		Viga 40x45	
Vigas	40x45cm	Vigas	40x45cm
As cm2	13.6	As cm2	8.34
As´ cm2	5.2	As´ cm2	4.68
b cm	40	b cm	40
h cm	45	h cm	45
r cm	4	r cm	4
d cm	39	d cm	39
d´ cm	6	d´ cm	6
fy Pa	420000000	fy Pa	420000000
f´c Pa	21000000	f´c Pa	21000000
ρ	0.009	ρ	0.005
ρ´	0.003	ρ´	0.003
a cm	4.941	a cm	2.153
Mn kN*m	201	ØMn kN*m	123

Mn Col- P1 kN*m -C11	700.66
Mn Col- P2 kN*m -C11	592
Σ Mcol	1292.66
1.2 Σ Mv / Σ Mcol Eje 1-1	0.19
1.2 Σ Mv / Σ Mcol Eje 2-2	0.11

15.5. CHEQUEO DE VIGUETAS DE LOSA DE ENTREPISO

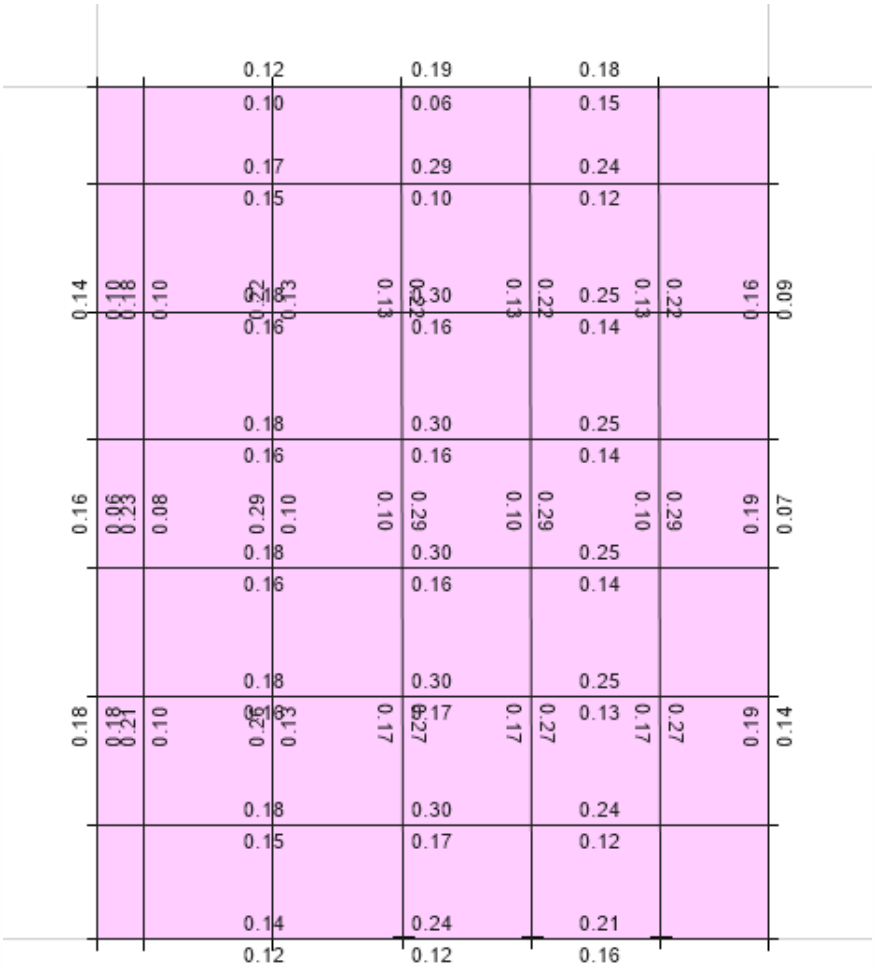
Se hace el chequeo de las viguetas VT12X45 y VT12X50 de la losa aligerada en dos direcciones, considerando las cargas de entrepiso más desfavorable, obteniendo que estas requieren cuantía mínima de acero y cumplen con el acero existente según el diseño inicial.
En el modelo matemático se considera el peso propio de las viguetas y se considera la resistencia a la compresión obtenida de los cubos de concreto del estudio de patología.

Ilustración 13 Asignación de cargas en el modelo en losa aligerada de entrepiso



Fuente. Elaboración INDESCO SAS BIC, julio 2023

Ilustración 14 Acero longitudinal requerido por combinación de cargas ultimas



Fuente. Elaboración INDESCO SAS BIC, julio 2023

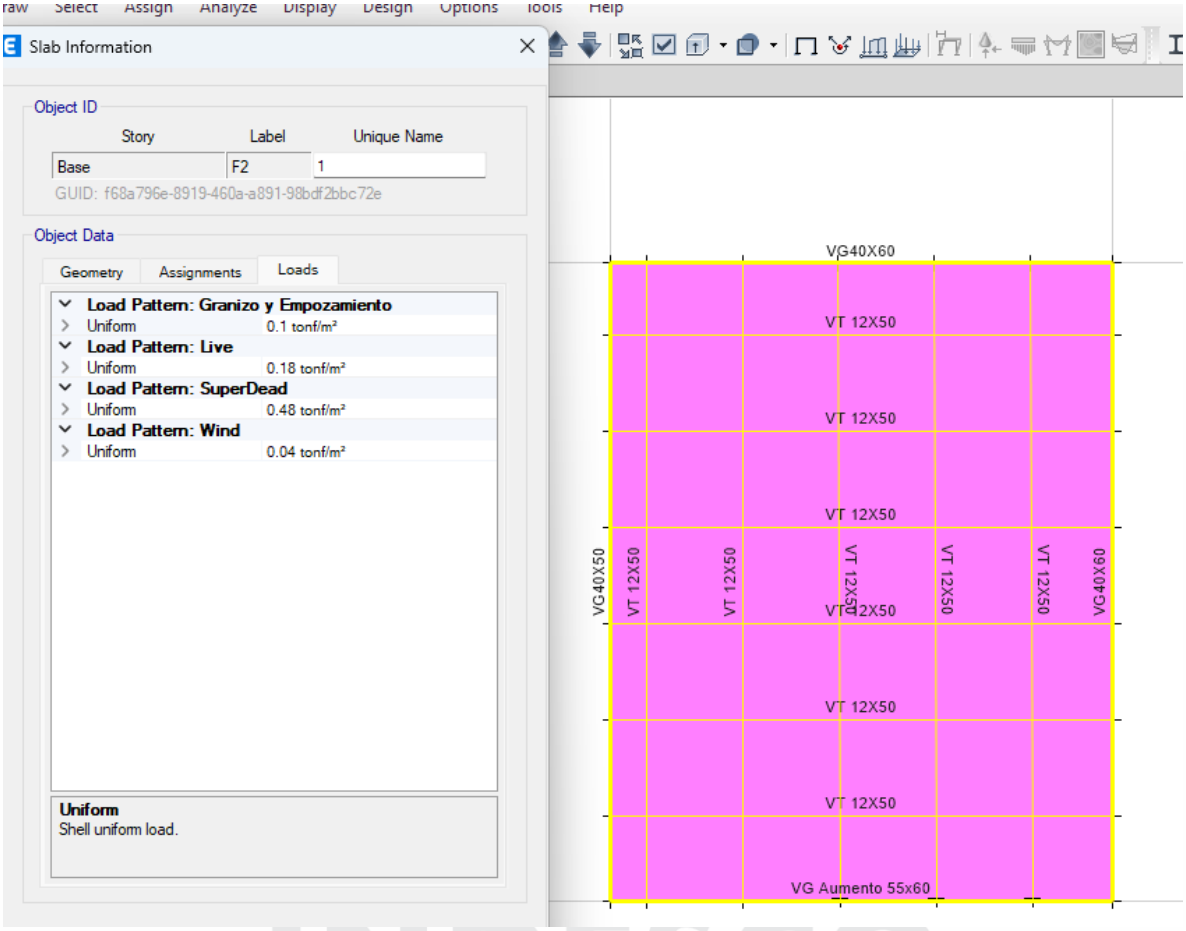
$$A\ min: 0.002 * b * d$$

$$A\ min: 0.002 * 12 * 44 = 1.056\ cm2$$

$$A\ exis: 1.29\ cm2$$

Cumple.

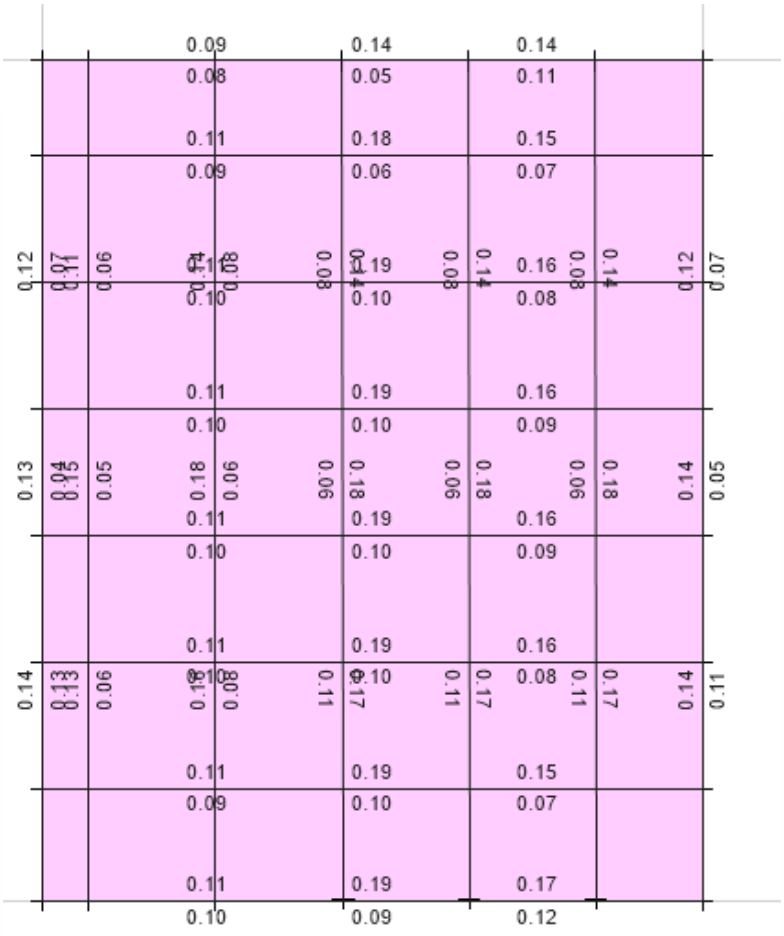
Ilustración 15 Asignación de cargas en el modelo en losa aligerada de cubierta



Fuente. Elaboración INDESCO SAS BIC, julio 2023

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Ilustración 16 Acero longitudinal requerido por combinación de cargas ultimas



Fuente. Elaboración INDESCO SAS BIC, julio 2023

$$A\ min: 0.002 * b * d$$

$$A\ min: 0.002 * 12 * 44 = 1.056\ cm2$$

$$A\ exis: 1.29\ cm2$$

Cumple.

16. REFORZAMIENTO DE ELEMENTOS

16.1. COLUMNAS

Refuerzo adicional por cortante en Columnas

De acuerdo al diseño realizado, se pudo evidenciar que las secciones de columnas existentes no requieren acero adicional por diseño, sin embargo, estas no cumplen con la separación mínima requerida por disposiciones sísmicas, por tal motivo se requiere adicionar refuerzo transversal adicional.

Tabla 7 Acero adicional requerido por disposiciones sísmicas en columnas

Existente	Requerido	Adicional
3 ramas #3/.30 en zona no confinada y #3/.15 en zona confinada	**Por disposiciones sísmicas con 3 ramas en zona no confinada #3/.20 y en zona confinada #3/.10**	**2 ramas #3/.15 en zona no confinada y #3/.075 en zona confinada**

Fuente. Elaboración INDESCO SAS BIC, julio 2023

Refuerzo adicional por flexocompresión en Columnas

Tabla 8 Aumento de secciones de columnas debido a cuantía de acero adicional requerido por diseño a flexocompresión

Elemento por Eje	Nivel	Existente		Diseño	Requerido		Colocado			
Columnas		Acero longitudinal	Acero cm2	Acero cm2	Acero Requerido cm2	Acero Colocado #	Acero Colocado cm2	Cuantía Final	cuantía Max Adm cm2	Aumento de sección
B1	Piso 1	#5/c.15	31.84	46.24	14.4	8#5	15.92	47.76	145.6	68x68
D1	Piso 1	#5/c.15	31.84	46.24	14.4	8#5	15.92	47.76	145.6	68x68
E1	Piso 1	#5/c.15	31.84	64.66	32.82	4#8+4#7	35.88	67.72	145.6	68x68
B2	Piso 1	#5/c.15	31.84	46.24	14.4	8#5	15.92	47.76	145.6	68x68
D2	Piso 1	#5/c.15	31.84	46.24	14.4	8#5	15.92	47.76	145.6	68x68
E2	Piso 1	#5/c.15	31.84	46.24	14.4	8#5	15.92	47.76	145.6	68x68
F2	Piso 1	#5/c.15	31.84	31.36	No requiere					

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B3	Piso 1	#5/c.15	31.84	31.36	No requiere					
D3	Piso 1	#5/c.15	31.84	31.36	No requiere					
E3	Piso 1	#5/c.15	31.84	29.68	No requiere					
F3	Piso 1	#5/c.15	31.84	31.36	No requiere					
C4	Piso 1	#5/c.15	31.84	31.36	No requiere					
D4	Piso 1	#5/c.15	31.84	29.68	No requiere					
E4	Piso 1	#6/c.15	51.12	48.16	No requiere					
F4	Piso 1	#5/c.15	31.84	29.68	No requiere					
B1	Piso 2	#5/c.15	31.84	46.24	14.4	8#5	15.92	47.76	145.6	68x68
D1	Piso 2	#5/c.15	31.84	46.24	14.4	8#5	15.92	47.76	145.6	68x68
E1	Piso 2	#5/c.15	31.84	46.24	14.4	8#5	15.92	47.76	145.6	68x68
B2	Piso 2	#5/c.15	31.84	30.8	No requiere					
D2	Piso 2	#5/c.15	31.84	46.24	14.4	8#5	15.92	47.76	145.6	68x68
E2	Piso 2	#5/c.15	31.84	46.24	14.4	8#5	15.92	47.76	145.6	68x68
F2	Piso 2	#5/c.15	31.84	31.36	No requiere					
B3	Piso 2	#5/c.15	31.84	31.36	No requiere					
D3	Piso 2	#5/c.15	31.84	31.36	No requiere					
E3	Piso 2	#5/c.15	31.84	30.25	No requiere					
F3	Piso 2	#5/c.15	31.84	30.24	No requiere					
C4	Piso 2	#5/c.15	31.84	29.7	No requiere					
E4	Piso 2	#5/c.15	31.84	30.8	No requiere					
F4	Piso 2	#5/c.15	31.84	30.25	No requiere					
B1	Piso 3	#5/c.15	31.84	46.24	14.4	8#5	15.92	47.76	145.6	68x68
D1	Piso 3	#5/c.15	31.84	46.24	14.4	8#5	15.92	47.76	145.6	68x68
E1	Piso 3	#5/c.15	31.84	29.7	No requiere					
B2	Piso 3	#5/c.15	31.84	30.24	No requiere					
D2	Piso 3	#5/c.15	31.84	46.24	14.4	8#5	15.92	47.76	145.6	68x68

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E2	Piso 3	#5/c.15	31.84	31.2	No requiere					
B3	Piso 3	#5/c.15	31.84	31.36	No requiere					
D3	Piso 3	#5/c.15	31.84	29.64	No requiere					
E3	Piso 3	#5/c.15	31.84	30.8	No requiere					
B1	Piso 3	#5/c.15	31.84	46.24	14.4	8#5	15.92	47.76	145.6	68x68
B2	Piso 3	#5/c.15	31.84	30.24	No requiere					
B3	Piso 3	#5/c.15	31.84	31.36	No requiere					

Fuente. Elaboración INDESCO SAS BIC, julio 2023

16.2. VIGAS

Refuerzo adicional por cortante en Vigas

De acuerdo al diseño realizado, se pudo evidenciar que las secciones de vigas existentes no requieren acero adicional por diseño, sin embargo, estas no cumplen con la separación mínima requerida por disposiciones sísmicas, por tal motivo se requiere adicionar refuerzo transversal adicional.

Tabla 9 Acero adicional requerido por disposiciones sísmicas en vigas

Existente	Requerido		Adicional	
	VG40X45	VG40X50	VG40X45	VG40X50
2 ramas #4/.35 en zona no confinada y #4/.18 en zona confinada	2 ramas #4/.20 en zona no confinada y #4/.10 en zona confinada	2 ramas #4/.22 en zona no confinada y #4/.11 en zona confinada	2 ramas #4/.18 en zona no confinada y #4/.09 en zona confinada	2 ramas #4/.22 en zona no confinada y #4/.11 en zona confinada

Fuente. Elaboración INDESCO SAS BIC, julio 2023

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Refuerzo adicional por flexocompresión en Vigas

Ilustración 17 Aumento de secciones de vigas debido a cuantía de acero adicional requerido por diseño a flexocompresión

	Ejes	Nivel	Existente									Diseño						Requerido						
			Acero longitudinal						Acero Transversal			Acero longitudinal cm2			Acero Transversal mm2									
			Tramo izquierdo #/cm2		Tramo Central #/cm2		Tramo derecho #/cm2		Existente	En Nudos mm2	Al centro de la luz mm2	Tramo izquierdo cm2	Tramo Central cm2	Tramo derecho cm2	Acero Transversal	En Nudos	Al centro de la luz	Tramo izquierdo cm2	Tramo izquierdo #	Tramo Central cm2	Tramo Central #	Tramo derecho cm2	Tramo derecho #	Acero Transversal
VR1 55X60	Eje 1 B-D Abajo	P2	1#5+2#8	12.19	2#8+2#7	17.94	2#8+2#7	17.94	2 ramas #4/.35 en zona no confinada y #4/.18 en zona confinada	1433	737	9.9	15.26	9.9	2 ramas #4/.20 en zona no confinada y #4/.10 en zona confinada	2580	1290	-2.29	No requiere	-2.68	No requiere	-8.04	No requiere	Cada 9 cm en zona confinada y 18cm en zona no confinada
	Eje 1 B-D Arriba	P2	2#6+3#8	20.98	4#8	20.4	4#8	20.4				25.92	6.4	25.84				4.94	2#6	-14	Vigas	5.44	2#6	
	D-E Abajo	P2	2#8+2#7	17.94	5#8	25.5	2#8+2#6	15.88	2 ramas #4/.35 en zona no confinada y #4/.18 en zona confinada	1433	737	9.9	27.33	9.9	2 ramas #4/.20 en zona no confinada y #4/.10 en zona confinada	2580	1290	-8.04	No requiere	1.83	2#4	-5.98	No requiere	Cada 9 cm en zona confinada y 18cm en zona no confinada
	D-E Arriba	P2	8#8	40.8	8#8	40.8	7#8	35.7				28.15	6.9	25.87				-12.65	No requiere	-33.9	No requiere	-9.83	No requiere	

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VR2 55X60	Eje 2 D-E Abajo	P2	3#8	15.3	5#8	25.5	3#8	15.3	2 ramas #4/.35 en zona no confinada y #4/.18 en zona confinada	1433	737	11.64	39.43	11.71	3 ramas #4/.20 en zona no confinada y #4/.10 en zona confinada	2580	1290	-3.66	No requiere	13.93	4#7	-3.59	No requiere	Cada 9 cm en zona confinada y 18cm en zona no confinada
	Eje 2 D-E Arriba	P2	7#8	35.7	3#6	8.52	5#8	25.5				38.67	9.21	38.95				2.97	2#5	0.69	2#4	13.45	4#7	
VR3 40X60	Eje 3 D-E Abajo	P2	3#8	15.3	5#8	25.5	3#8	15.3	2 ramas #4/.35 en zona no confinada y #4/.18 en zona confinada	1433	737	8.02	20.64	7.65	4 ramas #4/.20 en zona no confinada y #4/.10 en zona confinada	2580	1290	-7.28	No requiere	-4.86	No requiere	-7.65	No requiere	Cada 9 cm en zona confinada y 18cm en zona no confinada
	Eje 3 D-E Arriba	P2	8#8	40.8	3#8	15.3	8#8	40.8				26.45	6.31	25.1				-14.35	No requiere	-8.99	No requiere	-15.7	No requiere	
VR4 55X45	Eje 1 B-D Abajo	CUB	3#5	5.97	3#8	15.3	3#8	15.3	2 ramas #4/.35 en zona no confinada y #4/.18 en zona confinada	1433	737	8.82	21.3	9.49	5 ramas #4/.20 en zona no confinada y #4/.10 en zona confinada	2580	1290	2.85	2#5	6	1#7+1#6	-5.81	No requiere	Cada 9 cm en zona confinada y 18cm en zona no confinada
	Eje 1 B-D Arriba	CUB	2#8+1#6	13.04	2#8+1#6	13.04	5#8	25.5				29.49	7.15	32.09				16.45	2#7+2#8	-5.89	No requiere	6.59	2#7	
VR5 60X60	Eje D 1-2 Abajo	CUB	3#5	5.97	3#5	5.97	3#5	5.97	2 ramas #4/.35 en zona no confinada y #4/.18 en zona confinada	1433	737	10.8	27.85	10.8	2 ramas #4/.20 en zona no confinada y #4/.10 en zona confinada	2580	1290	4.83	2#6	21.88	3#8+2#7	4.83	2#6	Cada 9 cm en zona confinada y 18cm en zona no confinada

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	Eje D 1-2 Arriba	CUB	5#4	6.45	5#4	6.45	5#4	6.45				27.42	7.45	30.35			20.97	2#9+2#8	1	2#4	23.9	4#9	

Vigas	Ejes	Nivel	Existente									Diseño					Requerido						
			Acero longitudinal						Acero Transversal			Acero longitudinal cm2			Acero Transversal mm2									
			Tramo izquierdo #/cm2		Tramo Central #/cm2		Tramo derecho #/cm2		Existente	En Nudos mm2	Al centro de la luz mm2	Tramo izquierdo cm2	Tramo Central cm2	Tramo derecho cm2	Acero Transversal	En Nudos	Al centro de la luz	Tramo izquierdo cm2	Tramo izquierdo #	Tramo Central cm2	Tramo Central #	Tramo derecho cm2	Tramo derecho #	Acero Transversal
VR6 50X60	Eje D 1-2 Arriba	P2	4#8	20.4	3#8	15.3	2#7+2#8	17.94	2 ramas #4/.35 en zona no confinada y #4/.18 en zona confinada	1433	737	28.26	7.23	29.97	2 ramas #4/.20 en zona no confinada y #4/.10 en zona confinada	2580	1290	7.86	2#4	-8.07	No requiere	12.03	2#9	Cada 9 cm en zona confinada y 18cm en zona no confinada
	Eje D 1-2 Abajo	P2	4#8	20.4	7#8	35.7	7#8	35.7				9	22.06	9.17				-11.4	No requiere	-13.64	No requiere	-26.53	No requiere	
VR7 50X50	Eje B´ 1-2 Arriba	P2	2#6+3#5	8.55	5#4	6.45	5#4	6.45	2 ramas #4/.35 en zona no confinada y #4/.18 en zona confinada	1433	737	12.84	7.33	9.96	2 ramas #4/.20 en zona no confinada y #4/.10 en zona confinada	2580	1290	4.29	2#5	0.88	No requiere	3.51	2#4	Cada 9 cm en zona confinada y 18cm en zona no confinada
	Eje B´ 1-2 Abajo	P2	5#4	6.45	5#4	6.45	5#4	6.45				2.55	6.8	4.57				-3.9	No requiere	0.35	2#4	-1.88	No requiere	

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VR8 50X50	Eje C´ 3-4 Arriba	P2	5#4	6.45	2#6+2#7+3#7	20.03	3#7	11.61	2 ramas #4/.35 en zona no confinada y #4/.18 en zona confinada	1433	737	10.62	15.2	2.69	2 ramas #4/.20 en zona no confinada y #4/.10 en zona confinada	2580	1290	4.17	2#5	-4.83	No requiere	-8.92	No requiere	Cada 9 cm en zona confinada y 18cm en zona no confinada
	Eje C´ 3-4 Abajo	P2	5#4	6.45	5#4+3#6	14.97	5#4	6.45				10.11	9.53	2.69				3.66	2#4	-5.44	No requiere	-3.76	No requiere	
VR10 50X50	Eje E 3-4 Arriba	P2	4#4	5.16	5#4+1#5	8.44	3#4+2#5	7.85	2 ramas #4/.35 en zona no confinada y #4/.18 en zona confinada	1433	737	8.36	2.44	9.49	2 ramas #4/.20 en zona no confinada y #4/.10 en zona confinada	2580	1290	3.2	2#5	-6	No requiere	1.64	2#4	Cada 9 cm en zona confinada y 18cm en zona no confinada
	Eje E 3-4 Abajo	P2	5#4	6.45	5#4	6.45	5#4	6.45				4.7	5.48	5.21				-1.75	No requiere	-0.97	No requiere	-1.24	No requiere	
VR11 50X50	Eje 4 D-E Arriba	P2	3#7+2#8	21.81	2#8	10.2	4#8	20.4	2 ramas #4/.35 en zona no confinada y #4/.18 en zona confinada	1433	737	17.22	4.74	19.35	2 ramas #4/.20 en zona no confinada y #4/.10 en zona confinada	2580	1290	-4.59	No requiere	-5.46	No requiere	-1.05	No requiere	Cada 9 cm en zona confinada y 18cm en zona no confinada
	Eje 4 D-E Abajo	P2	1#5+2#6	7.67	4#6	11.36	2#6+2#5	9.66				7.33	12.43	7.27				-0.34	No requiere	1.07	2#4	-2.39	No requiere	
VR12 50X50	Eje 2 D-E Arriba	N+7.44	5#4	6.45	5#4	6.45	5#4	6.45	2 ramas #4/.35 en zona no confinada y #4/.18 en zona confinada	1433	737	16.89	4.98	20.54	2 ramas #4/.20 en zona no confinada y #4/.10 en zona confinada	2580	1290	10.44	No requiere	-1.47	No requiere	14.09	4#7	Cada 9 cm en zona confinada y 18cm en zona no confinada
	Eje 2 D-E Abajo	N+7.44	3#5	5.97	3#5	5.97	3#5	5.97				6.5	13.67	6.5				0.53	No requiere	7.7	2#7	0.53	2#4	
VR13 50X50	Eje 3 D-E Arriba	N+7.44	5#4	6.45	5#4	6.45	5#4	6.45	2 ramas #4/.35 en zona no confinada y #4/.18 en zona confinada	1433	737	22.26	6.13	25.97	2 ramas #4/.20 en zona no confinada y #4/.10 en zona confinada	2580	1290	15.81	No requiere	-0.32	No requiere	19.52	4#8	Cada 9 cm en zona confinada y 18cm en zona no confinada
	Eje 3 D-E Abajo	N+7.44	3#5	5.97	3#5	5.97	3#5	5.97				6.8	16.72	7.79				0.83	No requiere	10.75	2#7	1.82	2#4	

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VR14 50X50	Eje E 1-2 Arriba	N+7.44	2#4+3#5	8.55	3#5	5.97	2#4+3#5	8.55	2 ramas #4/.35 en zona no confinada y #4/.18 en zona confinada	1433	737	10.62	8.62	11.14	2 ramas #4/.20 en zona no confinada y #4/.10 en zona confinada	2580	1290	2.07	No requiere	2.65	No requiere	2.59	2#4	Cada 9 cm en zona confinada y 18cm en zona no confinada
	Eje E 1-2 Abajo	N+7.44	3#5	5.97	3#5	5.97	3#5	5.97				4.55	4.93	6.5				-1.42	No requiere	-1.04	No requiere	0.53	2#4	
VR15 50X50	Eje B 1-2 Arriba	N+7.44	3#4+2#8	14.07	3#5	5.97	2#7+3#5	11.61	2 ramas #4/.35 en zona no confinada y #4/.18 en zona confinada	1433	737	10.62	8.62	11.14	2 ramas #4/.20 en zona no confinada y #4/.10 en zona confinada	2580	1290	-3.45	No requiere	2.65	2#4	-0.47	No requiere	Cada 9 cm en zona confinada y 18cm en zona no confinada
	Eje B 1-2 Abajo	N+7.44	3#5	5.97	3#6	8.52	3#6	8.52				4.55	4.93	6.5				-1.42	No requiere	-3.59	No requiere	-2.02	No requiere	
VR16 50X50	Eje E 3-4 Arriba	N+7.44	5#4	6.45	5#4	6.45	5#4	6.45	2 ramas #4/.35 en zona no confinada y #4/.18 en zona confinada	1433	737	8.45	2.19	8.52	2 ramas #4/.20 en zona no confinada y #4/.10 en zona confinada	2580	1290	2	2#4	-4.26	2#4	2.07	2#4	Cada 9 cm en zona confinada y 18cm en zona no confinada
	Eje E 3-4 Abajo	N+7.44	3#5	5.97	3#5	5.97	3#5	5.97				5.3	5.26	4.98				-0.67	No requiere	-0.71	No requiere	-0.99	No requiere	
VR17 50X50	Eje E 2-3 Arriba	N+7.44	5#4	6.45	5#4	6.45	5#4	6.45	2 ramas #4/.35 en zona no confinada y #4/.18 en zona confinada	1433	737	8.45	2.19	8.52	2 ramas #4/.20 en zona no confinada y #4/.10 en zona confinada	2580	1290	2	2#4	-4.26	2#4	2.07	2#4	Cada 9 cm en zona confinada y 18cm en zona no confinada
	Eje E 2-3 Abajo	N+7.44	3#5	5.97	3#5	5.97	3#5	5.97				5.3	5.26	4.98				-0.67	No requiere	-0.71	No requiere	-0.99	No requiere	
VR18 50X50	Eje D 2-3 Arriba	N+7.44	5#4	6.45	5#4	6.45	5#4	6.45	2 ramas #4/.35 en zona no confinada y #4/.18 en zona confinada	1433	737	6.5	2.28	8.07	2 ramas #4/.20 en zona no confinada y #4/.10 en zona confinada	2580	1290	0.05	2#4	-4.17	No requiere	1.62	2#4	Cada 9 cm en zona confinada y 18cm en zona no confinada
	Eje D 2-3 Abajo	N+7.44	3#5	5.97	3#5	5.97	3#5	5.97				6.5	6.5	3.48				0.53	2#4	0.53	2#4	-2.49	No requiere	

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VR19 50X50	Eje C´ 2-3 Arriba	N+7.44	5#4	6.45	5#4	6.45	5#4	6.45	2 ramas #4/.35 en zona no confinada y #4/.18 en zona confinada	1433	737	14	6.5	19.66	2 ramas #4/.20 en zona no confinada y #4/.10 en zona confinada	2580	1290	7.55	2#7	0.05	No requiere	13.21	2#7	Cada 9 cm en zona confinada y 18cm en zona no confinada
	Eje C´ 2-3 Abajo	N+7.44	3#5	5.97	3#5	5.97	3#5	5.97				6.5	6.5	3.48				0.53	2#4	0.53	2#4	-2.49	No requiere	
VR20 50X50	Eje B 2-3 Arriba	N+7.44	5#4+3#5+1#8	17.52	3#7+2#5+1#8	19.29	5#4	6.45	2 ramas #4/.35 en zona no confinada y #4/.18 en zona confinada	1433	737	12.9	5.24	5.2	2 ramas #4/.20 en zona no confinada y #4/.10 en zona confinada	2580	1290	-4.62	No requiere	-14.05	No requiere	-1.25	No requiere	Cada 9 cm en zona confinada y 18cm en zona no confinada
	Eje B 2-3 Abajo	N+7.44	2#5	3.98	4#7	15.48	3#5	5.97				8.74	5.8	15.57				4.76	2#4	-9.68	No requiere	9.6	2#8	
VR21 50X50	Eje B 1-2 Arriba	N+10.43	5#4	6.45	5#4	6.45	5#4	6.45	2 ramas #4/.35 en zona no confinada y #4/.18 en zona confinada	1433	737	14.51	3.63	12.15	2 ramas #4/.20 en zona no confinada y #4/.10 en zona confinada	2580	1290	8.06	1#8+1#7	-2.82	No requiere	5.7	2#6	Cada 9 cm en zona confinada y 18cm en zona no confinada
	Eje B 1-2 Abajo	N+10.43	3#5	5.97	3#5	5.97	3#5	5.97				6.1	7.49	5.16				0.13	2#4	1.52	No requiere	-0.81	2#8	
VR22 50X50	Eje B´ 1-2 Arriba	N+12.10	5#4	6.45	5#4	6.45	5#4	6.45	2 ramas #4/.35 en zona no confinada y #4/.18 en zona confinada	1433	737	24.79	5.95	23.26	2 ramas #4/.20 en zona no confinada y #4/.10 en zona confinada	2580	1290	18.34	4#8	-0.5	No requiere	16.81	2#8+2#7	Cada 9 cm en zona confinada y 18cm en zona no confinada
	Eje B´ 1-2 Abajo	N+12.10	3#5	5.97	3#5	5.97	3#5	5.97				7.56	17.09	7.15				1.59	2#4	11.12	1#4+2#8	1.18	2#4	
VR23 50X50	Eje 2 C-D Arriba	N+12.10	5#4	6.45	5#4	6.45	5#4	6.45	2 ramas #4/.35 en zona no confinada y #4/.18 en zona confinada	1433	737	11.69	6.5	8.62	2 ramas #4/.20 en zona no confinada y #4/.10 en zona confinada	2580	1290	5.24	2#6	0.05	No requiere	2.17	2#4	Cada 9 cm en zona confinada y 18cm en zona no confinada
	Eje 2 C-D Abajo	N+12.10	3#5	5.97	3#5	5.97	3#5	5.97				6.5	6.5	6.5				0.53	No requiere	0.53	No requiere	0.53	No requiere	

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VR24 50X50	Eje 2 E-D Arriba	N+12.10	5#4	6.45	5#4	6.45	5#4	6.45	2 ramas #4/.35 en zona no confinada y #4/.18 en zona confinada	1433	737	20.84	5.05	17.38	2 ramas #4/.20 en zona no confinada y #4/.10 en zona confinada	2580	1290	14.39	4#7	-1.4	No requiere	10.93	4#6	Cada 9 cm en zona confinada y 18cm en zona no confinada
	Eje 2 E-D Abajo	N+12.10	3#5	5.97	3#5	5.97	3#5	5.97				6.5	15.81	6.5				0.53	2#4	9.84	4#6	0.53	2#4	
VR25 50X50	Eje 3 E-D Arriba	N+12.10	5#4	6.45	5#4	6.45	5#4	6.45	2 ramas #4/.35 en zona no confinada y #4/.18 en zona confinada	1433	737	15.27	3.8	13.84	2 ramas #4/.20 en zona no confinada y #4/.10 en zona confinada	2580	1290	8.82	1#8+1#7	-2.65	No requiere	7.39	2#7	Cada 9 cm en zona confinada y 18cm en zona no confinada
	Eje 3 E-D Abajo	N+12.10	3#5	5.97	3#5	5.97	3#5	5.97				6.4	11.55	5.84				0.43	2#4	5.58	2#6	-0.13	2#4	
VR26 50X50	Eje D 2-3 Arriba	N+12.10	5#4	6.45	5#4	6.45	5#4	6.45	2 ramas #4/.35 en zona no confinada y #4/.18 en zona confinada	1433	737	20.38	5.45	11.46	2 ramas #4/.20 en zona no confinada y #4/.10 en zona confinada	2580	1290	13.93	2#8	-1	No requiere	5.01	2#6	Cada 9 cm en zona confinada y 18cm en zona no confinada
	Eje D 2-3 Abajo	N+12.10	3#5	5.97	3#5	5.97	3#5	5.97				6.5	6.72	8.57				0.53	2#4	0.75	2#4	2.6	2#4	

Fuente. Elaboración INDESCO SAS BIC, julio 2023

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16.3. MUROS

Tabla 10 Acero existente en muros

Elemento por Eje	Nivel	Existente	
Pantallas		Acero longitudinal y Transversal	Acero cm2/m
M1	N 0.00 a N 10.43	8 mm/c.15	3.35
M2	N 0.00 a N 10.43	8 mm/c.15	3.35
M3	N 0.00 a N 12.10	8 mm/c.15	3.35
M4	N 0.00 a N 12.10	8 mm/c.15	3.35
M5	N 0.00 a N 12.10	8 mm/c.15	3.35
M6	N 0.00 a N 12.10	8 mm/c.15	3.35
M7	N 0.00 a N 12.10	8 mm/c.15	3.35
M8	N 0.00 a N 12.10	8 mm/c.15	3.35
M9	N 0.00 a N 12.10	8 mm/c.15	3.35

Fuente. Elaboración INDESCO SAS BIC, julio 2023

A continuación, se presenta el diseño de muros que se requirieron reforzar tomando como base las solicitaciones de diseño a cortante y a flexocompresión presentadas en el numeral anterior.

M3

Geometria muros	
l_w (m)	5.83
h_{libre} (m) p1	3.57
h_{libre} (m) p2	2.92
h_{libre} (m) p3	4.21
b_w (m)	0.35
f´c (MPa)	13.6
hw (m)	12.1

Nivel	Vu (kN)	Mu (kN.m)	Pu (kN)	fcu (MPa)
N+12.10 Sup	2683.48	277.24	444.96	0.36
N+12.10 Inf	2683.48	481.37	420.48	0.45
N+10.43 Sup	2950.76	231.36	499.75	0.36
N+10.43 Inf	2950.76	156.89	640.80	0.39
N+7.44 Sup	4167.18	7831.56	1322.74	4.60
N+7.44 Inf	4167.18	7831.56	1322.74	4.60
N +4.07 Sup	4968.39	11555.93	942.25	6.29
N +4.07 Inf	4968.39	11555.93	942.25	6.29

Ast tentativo (mm^2)	Ast colocado (mm^2)	$ØP_{0n}$ (kN)	$ØP_{n\,max}$ (kN)	$ØP_{bn}$ (kN)	Ase (mm^2)	Ass (mm^2)	$ØM_{bn}$ (kN.m)	$ØP_{tn}$ (kN)	$ØM_n$ (kN.m)	Condición	Flexión biaxial
5101.25	5142.06	16697.4619	13357.9696	7575.9684	5142.06	0	16548.5552	1943.69868	7018.28	ok	0.040
5101.25	5142.06	16697.4619	13357.9696	7575.9684	5142.06	0	16548.5552	1943.69868	6946.35	ok	0.069
5101.25	5142.06	16697.4619	13357.9696	7575.9684	5142.06	0	16548.5552	1943.69868	7179.26	ok	0.032
5101.25	5142.06	16697.4619	13357.9696	7575.9684	5142.06	0	16548.5552	1943.69868	7593.69	ok	0.021
5101.25	5142.06	16697.4619	13357.9696	7575.9684	5142.06	0	16548.5552	1943.69868	9597.35	ok	0.816
5101.25	5142.06	16697.4619	13357.9696	7575.9684	5142.06	0	16548.5552	1943.69868	9597.35	ok	0.816
5101.25	6902.72	17164.8925	13731.914	7575.9684	6902.72	0	17375.4013	2609.22816	12424.32	ok	0.930
5101.25	6902.72	17164.8925	13731.914	7575.9684	6902.72	0	17375.4013	2609.22816	12424.32	ok	0.930

,	αc	V_c (KN)	$V_s = V_u - V_c$ (KN)	C.11.4.7.9 (KN)	C.21.9.4.4 (KN)	# Existente(2 Mallas MXX-335) + Requerido	A mm2	S mm
2.08	2	1254.17	1429	3973	6246	2 Mallas MXX-335 + 2 Varilas 8.0mmCx/150 +4.5mmCy/150	201	169
2.08	2	1254.17	1429	3973	6246	2 Mallas MXX-335 + 2 Varilas 8.0mmCx/150 +4.5mmCy/150	201	169
2.08	2	1254.17	1697	3973	6246	2 Mallas MXX-335 + 2 Varilas 8.5mmCx/150 +4.5mmCy/150	213.9	156
2.08	2	1254.17	1697	3973	6246	2 Mallas MXX-335 + 2 Varilas 8.5mmCx/150 +4.5mmCy/150	213.9	156
2.08	2	1254.17	2913	3973	6246	2 Mallas MXX-335 + 2 Varillas #4xxCx/150 +4.5mmCy/150	358.5	163
2.08	2	1254.17	2913	3973	6246	2 Mallas MXX-335 + 2 Varillas #4xxCx/150 +4.5mmCy/150	358.5	163
2.08	2	1254.17	3714	3973	6246	2 Mallas MXX-335 + 2 Varillas #5xxCx/150+7mmCy/150	498.5	182
2.08	2	1254.17	3714	3973	6246	2 Mallas MXX-335 + 2 Varillas #5xxCx/150+7mmCy/150	498.5	182

p	0.00338286
c/l	0.16209599
δ	0.005
δ/hw	0.00041322
δ/hw>	0.007
1/(600*δ/hw)	0.23809524
Elemento Borde	No requiere

M5

Geometria muros	
l_w (m)	1.96
h_{libre} (m) p1	3.57
h_{libre} (m) p2	2.92
h_{libre} (m) p3	4.21
b_w (m)	0.3
f´c (MPa)	16.75
hw (m)	12.1

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Nivel	Vu (kN)	Mu (kN.m)	Pu (kN)	fcu (MPa)
N+12.10 Sup	104.18	10.31	63.82	0.16
N+12.10 Inf	104.18	10.31	63.82	0.16
N+10.43 Sup	219.00	20.21	29.97	0.16
N+10.43 Inf	219.00	20.21	29.97	0.16
N+7.44 Sup	279.54	8.77	136.00	0.28
N+7.44 Inf	279.54	8.73	178.80	0.35
N +4.07 Sup	565.13	929.16	11.99	4.86
N +4.07 Inf	565.13	929.16	11.99	4.86

Ast tentativo (mm^2)	Ast colocado (mm^2)	$ØP_{0n}$ (kN)	$ØP_{n\,max}$ (kN)	$ØP_{bn}$ (kN)	Ase (mm^2)	Ass (mm^2)	$ØM_{bn}$ (kN.m)	$ØP_{tn}$ (kN)	$ØM_n$ (kN.m)	Condición	Flexión biaxial
1470	1509.2	5839.6174	4671.69392	2688.777	1509.2	0	1916.81018	570.4776	573.96	ok	0.018
1470	1509.2	5839.6174	4671.69392	2688.777	1509.2	0	1916.81018	570.4776	573.96	ok	0.018
1470	1509.2	5839.6174	4671.69392	2688.777	1509.2	0	1916.81018	570.4776	543.33	ok	0.037
1470	1509.2	5839.6174	4671.69392	2688.777	1509.2	0	1916.81018	570.4776	543.33	ok	0.037
1470	1509.2	5839.6174	4671.69392	2688.777	1509.2	0	1916.81018	570.4776	639.28	ok	0.014
1470	1509.2	5839.6174	4671.69392	2688.777	1509.2	0	1916.81018	570.4776	678.01	ok	0.013
1470	2320.64	6053.63115	4842.90492	2688.777	2320.64	0	2040.69256	877.20192	1001.65	ok	0.928
1470	2320.64	6053.63115	4842.90492	2688.777	2320.64	0	2040.69256	877.20192	1001.65	ok	0.928

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τ_w/l_w	αc	V_c (KN)	$V_s = V_u - V_c$ (KN)	C.11.4.7.9 (KN)	C.21.9.4.4 (KN)	# Existente(2 Mallas MXX-335) + Requerido	A mm2	S mm
6.17	2	401.08	-297	1271	1997	2 Mallas MXX-335 + 2 Varillas 4mmCx/150+4mmCy/150	125.5	-315
6.17	2	401.08	-297	1271	1997	2 Mallas MXX-335 + 2 Varillas 4mmCx/150+4mmCy/150	125.5	-315
6.17	2	401.08	-182	1271	1997	2 Mallas MXX-335 + 2 Varillas 4mmCx/150+4mmCy/150	125.5	-758
6.17	2	401.08	-182	1271	1997	2 Mallas MXX-335 + 2 Varillas 4mmCx/150+4mmCy/150	125.5	-758
6.17	2	401.08	-122	1271	1997	2 Mallas MXX-335 + 2 Varillas 4mmCx/150+4mmCy/150	125.5	-2914
6.17	2	401.08	-122	1271	1997	2 Mallas MXX-335 + 2 Varillas 4mmCx/150+4mmCy/150	125.5	-2914
6.17	2	401.08	164	1271	1997	2 Mallas MXX-335 + 2 Varillas 4mmCx/150+7mmCy/150	125.5	235
6.17	2	401.08	164	1271	1997	2 Mallas MXX-335 + 2 Varillas 4mmCx/150+7mmCy/150	125.5	235

p	0.00394667
c/l	0.10932898
δ	0.0047
δ/hw	0.00038843
δ/hw>	0.007
1/(600*δ/hw)	0.23809524
Elemento Borde	No requiere

M6

Geometria muros	
l_w (m)	1.96
h_{libre} (m) p1	3.57
h_{libre} (m) p2	2.92
h_{libre} (m) p3	4.21
b_w (m)	0.3
f´c (MPa)	16.75
hw (m)	12.1

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Nivel	Vu (kN)	Mu (kN.m)	Pu (kN)	fcu (MPa)
N+12.10 Sup	132.00	23.15	45.96	0.20
N+12.10 Inf	132.00	13.43	67.17	0.18
N+10.43 Sup	194.35	3.08	65.64	0.13
N+10.43 Inf	195.34	1.13	103.62	0.18
N+7.44 Sup	239.85	3.37	145.89	0.27
N+7.44 Inf	239.85	1.19	188.69	0.33
N +4.07 Sup	605.34	1019.92	135.95	5.54
N +4.07 Inf	605.34	1019.92	135.95	5.54

Ast tentativo (mm^2)	Ast colocado (mm^2)	$ØP_{0n}$ (kN)	$ØP_{n\,max}$ (kN)	$ØP_{bn}$ (kN)	Ase (mm^2)	Ass (mm^2)	$ØM_{bn}$ (kN.m)	$ØP_{tn}$ (kN)	$ØM_n$ (kN.m)	Condición	Flexión biaxial
1470	1509.2	5839.6174	4671.69392	2688.777	1509.2	0	1916.81018	570.4776	557.80	ok	0.042
1470	1509.2	5839.6174	4671.69392	2688.777	1509.2	0	1916.81018	570.4776	577.00	ok	0.023
1470	1509.2	5839.6174	4671.69392	2688.777	1509.2	0	1916.81018	570.4776	575.61	ok	0.005
1470	1509.2	5839.6174	4671.69392	2688.777	1509.2	0	1916.81018	570.4776	609.98	ok	0.002
1470	1509.2	5839.6174	4671.69392	2688.777	1509.2	0	1916.81018	570.4776	648.23	ok	0.005
1470	1509.2	5839.6174	4671.69392	2688.777	1509.2	0	1916.81018	570.4776	686.96	ok	0.002
1470	2179.52	6016.41136	4813.12909	2688.777	2179.52	0	2019.1478	823.85856	1039.19	ok	0.981
1470	2179.52	6016.41136	4813.12909	2688.777	2179.52	0	2019.1478	823.85856	1039.19	ok	0.981

h_w/l_w	αc	V_c (KN)	$V_s = V_u - V_c$ (KN)	C.11.4.7.9 (KN)	C.21.9.4.4 (KN)	# Existente(2 Mallas MXX-335) + Requerido	A mm2	S mm
6.17	2	401.08	-269	1271	1997	2 Mallas MXX-335 + 2 Varillas 4mmCx/150+4mmCy/150	125.5	-367
6.17	2	401.08	-269	1271	1997	2 Mallas MXX-335 + 2 Varillas 4mmCx/150+4mmCy/150	125.5	-367
6.17	2	401.08	-207	1271	1997	2 Mallas MXX-335 + 2 Varillas 4mmCx/150+4mmCy/150	125.5	-582
6.17	2	401.08	-206	1271	1997	2 Mallas MXX-335 + 2 Varillas 4mmCx/150+4mmCy/150	125.5	-588
6.17	2	401.08	-161	1271	1997	2 Mallas MXX-335 + 2 Varillas 4mmCx/150+4mmCy/150	125.5	-1017
6.17	2	401.08	-161	1271	1997	2 Mallas MXX-335 + 2 Varillas 4mmCx/150+4mmCy/150	125.5	-1017
6.17	2	401.08	204	1271	1997	2 Mallas MXX-335 + 2 Varillas 4mmCx/150+6.5mmCy/150	125.5	204
6.17	2	401.08	204	1271	1997	2 Mallas MXX-335 + 2 Varillas 4mmCx/150+6.5mmCy/150	125.5	204

p	0.00370667
c/l	0.1231327
δ	0.0047
δ/hw	0.00038843
δ/hw>	0.007
1/(600*δ/hw)	0.23809524
Elemento Borde	No requiere

M7

Geometria muros	
l_w (m)	5.87
h_{libre} (m) p1	3.57
h_{libre} (m) p2	2.92
h_{libre} (m) p3	4.21
b_w (m)	0.3
f´c (MPa)	16.75
hw (m)	12.1

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Nivel	Vu (kN)	Mu (kN.m)	Pu (kN)	fcu (MPa)
N+12.10 Sup	1384.04	193.86	54.13	0.14
N+12.10 Inf	1384.04	91.97	121.34	0.12
N+10.43 Sup	1535.66	113.51	151.98	0.15
N+10.43 Inf	1535.66	49.28	272.30	0.18
N+7.44 Sup	2586.67	151.05	325.04	0.27
N+7.44 Inf	2586.67	144.58	393.72	0.31
N +4.07 Sup	3284.88	3074.11	578.62	2.11
N +4.07 Inf	3284.88	5349.62	1472.08	3.94

Ast tentativo (mm^2)	Ast colocado (mm^2)	$ØP_{0n}$ (kN)	$ØP_{n\,max}$ (kN)	$ØP_{bn}$ (kN)	Ase (mm^2)	Ass (mm^2)	$ØM_{bn}$ (kN.m)	$ØP_{tn}$ (kN)	$ØM_n$ (kN.m)	Condición	Flexión biaxial
4402.5	4519.9	17489.0582	13991.2466	8052.61275	4519.9	0	17263.483	1708.5222	4796.51	ok	0.040
4402.5	4519.9	17489.0582	13991.2466	8052.61275	4519.9	0	17263.483	1708.5222	4979.40	ok	0.018
4402.5	4519.9	17489.0582	13991.2466	8052.61275	4519.9	0	17263.483	1708.5222	5062.78	ok	0.022
4402.5	4519.9	17489.0582	13991.2466	8052.61275	4519.9	0	17263.483	1708.5222	5390.20	ok	0.009
4402.5	4519.9	17489.0582	13991.2466	8052.61275	4519.9	0	17263.483	1708.5222	5533.71	ok	0.027
4402.5	4519.9	17489.0582	13991.2466	8052.61275	4519.9	0	17263.483	1708.5222	5720.60	ok	0.025
4402.5	4519.9	17489.0582	13991.2466	8052.61275	4519.9	0	17263.483	1708.5222	6223.75	ok	0.494
4402.5	4519.9	17489.0582	13991.2466	8052.61275	4519.9	0	17263.483	1708.5222	8655.03	ok	0.618

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h_w/l_w	αc	V_c (KN)	$V_s = V_u - V_c$ (KN)	C.11.4.7.9 (KN)	C.21.9.4.4 (KN)	# Existente(2 Mallas MXX-335) + Requerido	A mm2	S mm
2.06	2	1201.20	183	3805	5982	2 Mallas MXX-335 + 2 Varillas 4mmCx/150+4mmCy/150	125.5	384
2.06	2	1201.20	183	3805	5982	2 Mallas MXX-335 + 2 Varillas 4mmCx/150+4mmCy/150	125.5	384
2.06	2	1201.20	334	3805	5982	2 Mallas MXX-335 + 2 Varillas 4mmCx/150+4mmCy/150	125.5	292
2.06	2	1201.20	334	3805	5982	2 Mallas MXX-335 + 2 Varillas 4mmCx/150+4mmCy/150	125.5	292
2.06	2	1201.20	1385	3805	5982	2 Mallas MXX-335 + 2 Varillas 7mmCx/150+4mmCy/150	177.6	156
2.06	2	1201.20	1385	3805	5982	2 Mallas MXX-335 + 2 Varillas 7mmCx/150+4mmCy/150	177.6	156
2.06	2	1201.20	2084	3805	5982	2 Mallas MXX-335 + 2 Varillas #3xxCx/150+4mmCy/150	242.4	150
2.06	2	1201.20	2084	3805	5982	2 Mallas MXX-335 + 2 Varillas #3xxCx/150+4mmCy/150	242.4	150

p	0.00256667
c/l	0.15592192
δ	0.0031
δ/hw	0.0002562
δ/hw>	0.007
1/(600*δ/hw)	0.23809524
Elemento Borde	No requiere

M8

Geometria muros	
l_w (m)	3.1
h_{libre} (m) p1	3.57
h_{libre} (m) p2	2.92
h_{libre} (m) p3	4.21
b_w (m)	0.3
f´c (MPa)	16.75
hw (m)	12.1

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Nivel	Vu (kN)	Mu (kN.m)	Pu (kN)	fcu (MPa)
N+12.10 Sup	471.04	39.62	41.02	0.13
N+12.10 Inf	471.04	78.76	72.94	0.24
N+10.43 Sup	729.96	55.81	99.14	0.22
N+10.43 Inf	729.96	12.78	156.30	0.19
N+7.44 Sup	1377.92	14.06	168.35	0.21
N+7.44 Inf	1377.92	1657.83	417.77	3.90
N +4.07 Sup	1470.39	458.68	1307.94	2.36
N +4.07 Inf	1470.39	2757.29	1125.84	6.95

Ast tentativo (mm^2)	Ast colocado (mm^2)	$ØP_{0n}$ (kN)	$ØP_{n\,max}$ (kN)	$ØP_{bn}$ (kN)	Ase (mm^2)	Ass (mm^2)	$ØM_{bn}$ (kN.m)	$ØP_{tn}$ (kN)	$ØM_n$ (kN.m)	Condición	Flexión biaxial
2325	2387	9236.12956	7388.90365	4252.6575	2387	0	4805.92367	902.286	1353.12	ok	0.029
2325	2387	9236.12956	7388.90365	4252.6575	2387	0	4805.92367	902.286	1398.91	ok	0.056
2325	2387	9236.12956	7388.90365	4252.6575	2387	0	4805.92367	902.286	1436.49	ok	0.039
2325	2387	9236.12956	7388.90365	4252.6575	2387	0	4805.92367	902.286	1518.48	ok	0.008
2325	2387	9236.12956	7388.90365	4252.6575	2387	0	4805.92367	902.286	1535.77	ok	0.009
2325	2387	9236.12956	7388.90365	4252.6575	2387	0	4805.92367	902.286	1893.55	ok	0.876
2325	2387	9236.12956	7388.90365	4252.6575	2387	0	4805.92367	902.286	3170.45	ok	0.145
2325	2387	9236.12956	7388.90365	4252.6575	2387	0	4805.92367	902.286	2909.24	ok	0.948

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h_w/l_w	αc	V_c (KN)	$V_s = V_u - V_c$ (KN)	C.11.4.7.9 (KN)	C.21.9.4.4 (KN)	# Existente(2 Mallas MXX-335) + Requerido	A mm2	S mm
3.90	2	634.36	-163	2010	3159	2 Mallas MXX-335 + 2 Varillas 4mmCx/150+4mmCy/150	125.5	-20712
3.90	2	634.36	-163	2010	3159	2 Mallas MXX-335 + 2 Varillas 4mmCx/150+4mmCy/150	125.5	-20712
3.90	2	634.36	96	2010	3159	2 Mallas MXX-335 + 2 Varillas 4mmCx/150+4mmCy/150	125.5	386
3.90	2	634.36	96	2010	3159	2 Mallas MXX-335 + 2 Varillas 4mmCx/150+4mmCy/150	125.5	386
3.90	2	634.36	744	2010	3159	2 Mallas MXX-335 + 2 Varillas 7mmCx/150+4mmCy/150	177.6	154
3.90	2	634.36	744	2010	3159	2 Mallas MXX-335 + 2 Varillas 7mmCx/150+4mmCy/150	177.6	154
3.90	2	634.36	836	2010	3159	2 Mallas MXX-335 + 2 Varillas 8mmCx/150+4mmCy/150	201	158
3.90	2	634.36	836	2010	3159	2 Mallas MXX-335 + 2 Varillas 8mmCx/150+4mmCy/150	201	158

p	0.00256667
c/l	0.19191707
δ	0.002
δ/hw	0.00016529
δ/hw>	0.007
1/(600*δ/hw)	0.23809524
Elemento Borde	No requiere

M9

Geometria muros	
l_w (m)	2.34
h_{libre} (m) p1	3.57
h_{libre} (m) p2	2.92
h_{libre} (m) p3	4.21
b_w (m)	0.3
f´c (MPa)	16.75
hw (m)	12.1

Nivel	Vu (kN)	Mu (kN.m)	Pu (kN)	fcu (MPa)
N+12.10 Sup	1008.71	90.76	60.95	0.42
N+12.10 Inf	1008.71	72.72	86.38	0.39
N+10.43 Sup	1010.72	496.55	166.25	2.05
N+10.43 Inf	1010.72	722.22	55.50	2.72
N+7.44 Sup	1172.33	467.13	474.06	2.38
N+7.44 Inf	1172.33	1204.19	405.64	4.98
N +4.07 Sup	1304.00	281.43	1055.19	2.53
N +4.07 Inf	1304.00	1889.93	972.56	8.29

Ast tentativo (mm^2)	Ast colocado (mm^2)	$ØP_{0n}$ (kN)	$ØP_{n\,max}$ (kN)	$ØP_{bn}$ (kN)	Ase (mm^2)	Ass (mm^2)	$ØM_{bn}$ (kN.m)	$ØP_{tn}$ (kN)	$ØM_n$ (kN.m)	Condición	Flexión biaxial
1755	1801.8	6971.78812	5577.43049	3210.0705	1801.8	0	2734.85684	681.0804	802.43	ok	0.113
1755	1801.8	6971.78812	5577.43049	3210.0705	1801.8	0	2734.85684	681.0804	829.93	ok	0.088
1755	1801.8	6971.78812	5577.43049	3210.0705	1801.8	0	2734.85684	681.0804	916.31	ok	0.542
1755	1801.8	6971.78812	5577.43049	3210.0705	1801.8	0	2734.85684	681.0804	796.54	ok	0.907
1755	2063.88	7040.91057	5632.72846	3210.0705	2063.88	0	2783.02499	780.14664	1436.46	ok	0.325
1755	2063.88	7040.91057	5632.72846	3210.0705	2063.88	0	2783.02499	780.14664	1358.10	ok	0.887
1755	2063.88	7040.91057	5632.72846	3210.0705	2063.88	0	2783.02499	780.14664	2102.04	ok	0.134
1755	2063.88	7040.91057	5632.72846	3210.0705	2063.88	0	2783.02499	780.14664	2007.40	ok	0.941

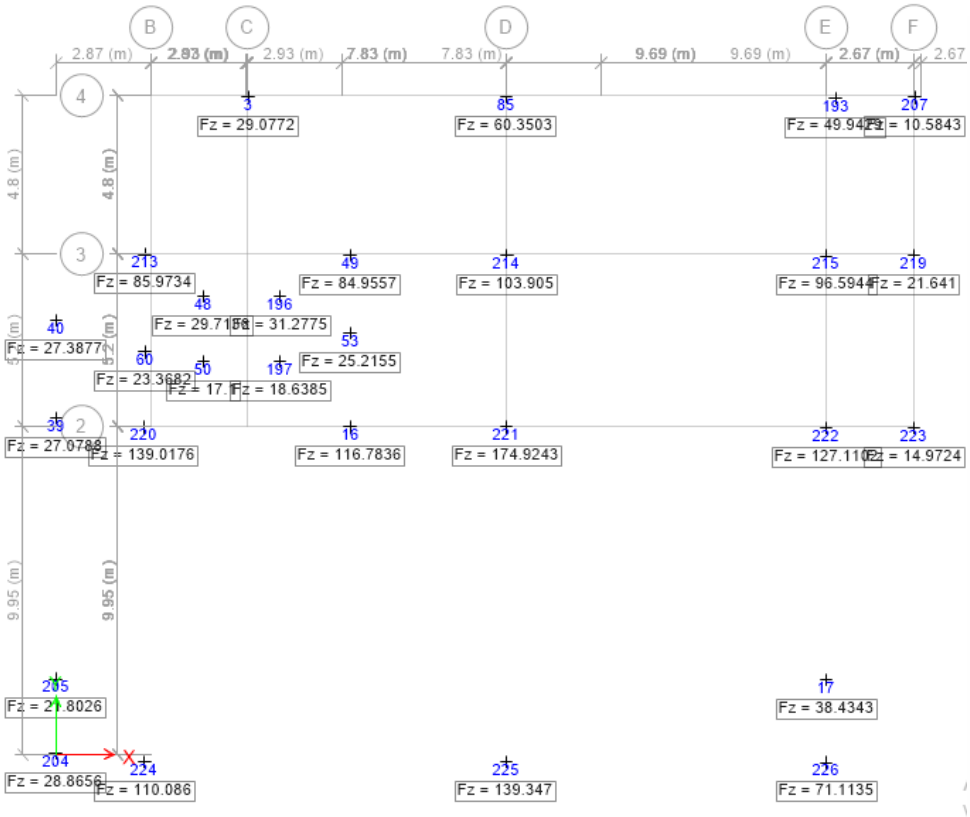
h_w/l_w	αc	V_c (KN)	$V_s = V_u - V_c$ (KN)	C.11.4.7.9 (KN)	C.21.9.4.4 (KN)	# Existente(2 Mallas MXX-335) + Requerido	A mm2	S mm
5.17	2	478.84	530	1517	2385	2 Mallas MXX-335 + 2 Varillas 6.5mmCx/150+4.0mmCy/150	166.8	151
5.17	2	478.84	530	1517	2385	2 Mallas MXX-335 + 2 Varillas 6.5mmCx/150+4.0mmCy/150	166.8	151
5.17	2	478.84	532	1517	2385	2 Mallas MXX-335 + 2 Varillas 6.5mmCx/150+4.0mmCy/150	166.8	151
5.17	2	478.84	532	1517	2385	2 Mallas MXX-335 + 2 Varillas 6.5mmCx/150+4.0mmCy/150	166.8	151
5.17	2	478.84	693	1517	2385	2 Mallas MXX-335 + 2 Varillas 8.5mmCx/150+4.5mmCy/150	213.9	155
5.17	2	478.84	693	1517	2385	2 Mallas MXX-335 + 2 Varillas 8.5mmCx/150+4.5mmCy/150	213.9	155
5.17	2	478.84	825	1517	2385	2 Mallas MXX-335 + 2 Varillas #3xxCx/150+4.5mmCy/150	242.4	151
5.17	2	478.84	825	1517	2385	2 Mallas MXX-335 + 2 Varillas #3xxCx/150+4.5mmCy/150	242.4	151

p	0.00294
c/l	0.21498346
δ	0.002
δ/hw	0.00016529
δ/hw>	0.007
1/(600*δ/hw)	0.23809524
Elemento Borde	No requiere

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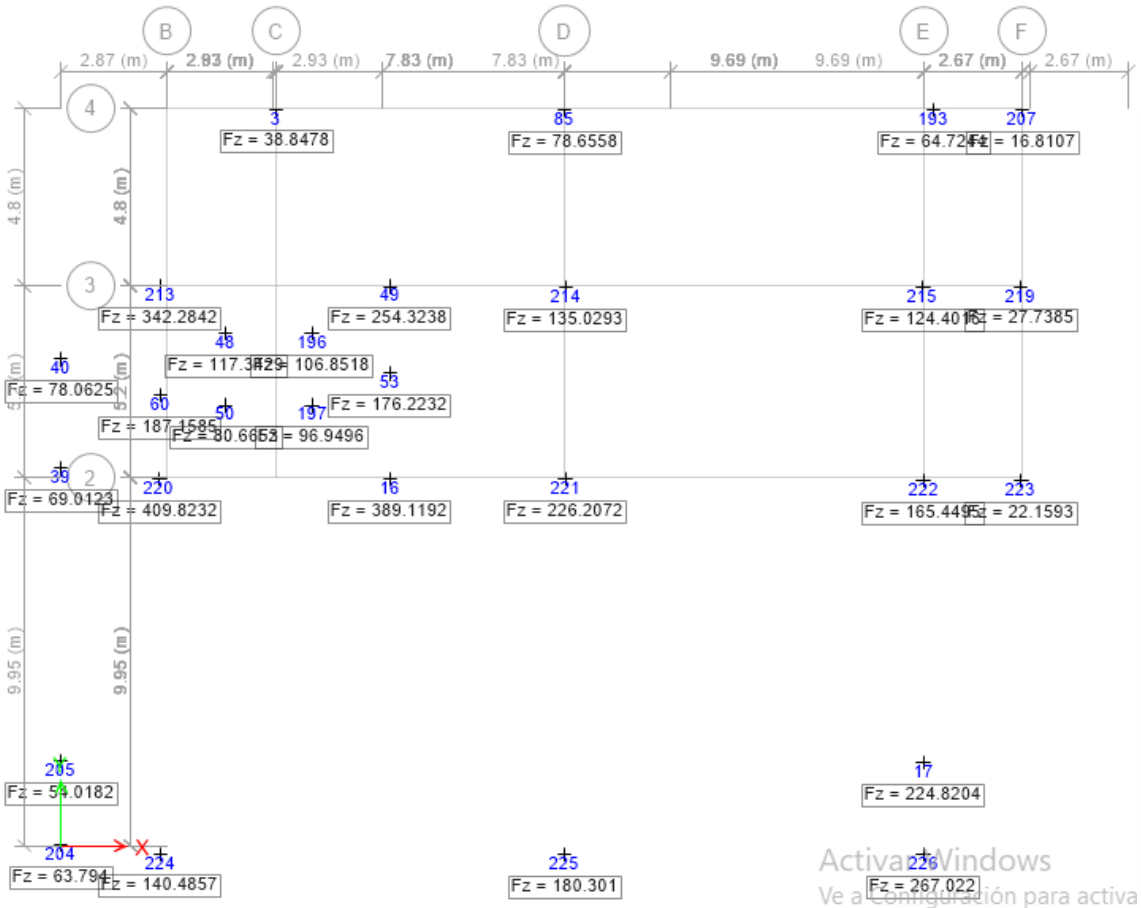
17. REFORZAMIENTO DE LA CIMENTACIÓN

Ilustración 18 Cargas de Servicio en Ton



Fuente. Elaboración INDESCO SAS BIC, julio 2023

Ilustración 19 Cargas de diseño envolvente de Flexocompresión en Ton



Fuente. Elaboración INDESCO SAS BIC, julio 2023

Activar Windows
Ve a Configuración para activa

17.1. ZAPATAS CENTRICAS

Chequeo de esfuerzos admisibles.

TABLE: Joint Reactions

Story	Element o	Unique Name	Output Case	FX	FY	FZ	MX	MY	MZ
				tonf	tonf	tonf	tonf-m	tonf-m	tonf-m
Base	C4	3	Servicio	1.6871	-0.473	29.07	0.6138	2.2493	-0.0139
Base	D4	85	Servicio	1.293	0.9805	60.35	1.3557	1.7308	-0.0124
Base	D3	214	Servicio	4.3244	-0.0272	103.9	0.1015	5.6831	-0.0139
Base	D2	221	Servicio	7.814	-6.745	174.9	8.9251	10.0138	-0.0302
Base	B1	224	Servicio	7.7186	3.5175	110.08	-4.6693	9.6756	-0.0302
Base	D1	225	Servicio	0.5562	9.2306	139.35	11.8776	0.349	-0.0302

Elemento	B	H	e	Peso cim (Ton)	P/A	ex=My/P	B/6	Cumple	ey=Mx/P	H/6	Cumple
C4	1.7	1.7	0.35	2.43	10.90	0.07	0.3	OK	0.02	0.3	OK
D4	2.25	2.25	0.35	4.25	12.76	0.03	0.4	OK	0.02	0.4	OK
D3	2.9	2.9	0.4	8.07	13.31	0.05	0.5	OK	0.00	0.5	OK
D2	3.9	3.9	0.5	18.25	12.70	0.05	0.7	OK	0.05	0.7	OK
B1	3.15	3.15	0.4	9.53	12.05	0.08	0.5	OK	0.04	0.5	OK
D1	3.45	3.45	0.45	12.85	12.79	0.00	0.6	OK	0.08	0.6	OK

6*ey/H	6*ex/B	δ1 (Ton/m²)	δ2 (Ton/m²)	δ3 (Ton/m²)	δ4 (Ton/m²)	δAdm (Ton/m²)
0.05	0.25	14.2	8.7	13.1	7.6	14.70
0.05	0.07	14.3	12.5	13.0	11.2	14.70
0.00	0.11	14.7	11.9	14.7	11.9	14.70
0.07	0.08	14.6	12.6	12.8	10.8	14.70
0.07	0.15	14.8	11.1	13.0	9.3	14.70
0.14	0.00	14.6	14.5	11.1	11.0	14.70

Diseño por resistencia Ultima.

Output Case	FX	FY	FZ	MX	MY	MZ	Peso cim (Ton)	Ptotal
	tonf	tonf	tonf	tonf-m	tonf-m	tonf-m		
Envolvente FC	2.3065	0.716	38.8478	5.2009	3.7037	0.2195	2.91	41.76
Envolvente FC	1.8688	0.9006	78.6558	7.4871	3.0834	0.1954	5.10	83.76
Envolvente FC	5.8107	2.7926	135.0293	7.368	8.7817	0.2195	9.69	144.72
Envolvente FC	11.8486	-3.7922	226.2072	23.093	19.4339	0.4772	21.90	248.11
Envolvente FC	12.1662	5.3829	140.4857	2.5921	23.2239	0.4772	11.43	151.92
Envolvente FC	4.8186	13.3606	180.301	-2.3768	13.6597	0.4772	15.43	195.73

DISEÑO DE ZAPATA - B1

			Dim. de columna			Dimen. de zapata			
Pu (Ton)	f´c	fy	b (cm)	h (cm)	ðAdm (Ton/m²)	B (m)	H (m)	T (cm)	b
151.92	240	4200	68	68	14.70	3.15	3.15	40	1

Presion de Contacto maxima				660.31	Ton	OK				
Presión última del suelo				15.31	Ton/m²					
Cortante en dos direcciones,										
punzonamiento							*Cortante en una direccion*			
d=	31.7	cm.					Vu =	44.27	Ton.	
bo=	398.8	cm.					d =	20.1	cm.	OK
Vu =	136.70	Ton.								
d >=	23.7	cm.	OK							
	16.1	cm.	OK			Flexión				
	30.3	cm.	OK			**Mu =**	**36.78**	Ton -m		
K=		3660	kN/m2							
ρ =		0.0109			As=	34.58	cm2			
					#8 C/ 0.15					

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DISEÑO DE ZAPATA - D1

			Dim. de columna			Dimen. de zapata			
Pu (Ton)	f´c	fy	b (cm)	h (cm)	ðAdm (Ton/m²)	B (m)	H (m)	T (cm)	b
195.73	240	4200	68	68	14.70	3.45	3.45	45	1

Presion de Contacto maxima	660.31	Ton	OK		
Presión última del suelo	16.44	Ton/m²			
Cortante en dos direcciones, punzonamiento				*Cortante en una direccion*	
d=	36.7	cm.		Vu =	57.75 Ton.
bo=	418.8	cm.		d =	24.0 cm. OK
Vu =	177.70	Ton.			
d >=	29.3	cm.	OK		
	19.9	cm.	OK	Flexión	
	34.0	cm.	OK	**Mu =**	**54.41** Ton -m
K=	4040	kN/m2			
ρ =	0.0122		As=	44.87	cm2
			#9 C/	0.14	

DISEÑO DE ZAPATA - D2

			Dim. de columna			Dimen. de zapata			
Pu (Ton)	f´c	fy	b (cm)	h (cm)	ðAdm (Ton/m²)	B (m)	H (m)	T (cm)	b
248.11	240	4200	68	68	14.70	3.90	3.90	50	1

Presion de Contacto maxima	660.31	Ton	OK		
Presión última del suelo	16.31	Ton/m²			
Cortante en dos direcciones, punzonamiento				*Cortante en una direccion*	
d=	41.7	cm.		Vu =	75.90 Ton.
bo=	438.8	cm.		d =	27.9 cm. OK
Vu =	228.48	Ton.			
d >=	35.9	cm.	OK		
	24.4	cm.	OK	Flexión	
	38.5	cm.	OK	**Mu =**	**82.45** Ton -m
K=	4742	kN/m2			
ρ =	0.0148		As=	61.71	cm2
			#9 C/	0.10	

DISEÑO DE ZAPATA - D3

			Dim. de columna			Dimen. de zapata			
Pu (Ton)	f´c	fy	b (cm)	h (cm)	ðAdm (Ton/m²)	B (m)	H (m)	T (cm)	b
144.72	240	4200	56	56	14.70	2.90	2.90	40	1

Presion de Contacto maxima	447.82	Ton	OK		
Presión última del suelo	17.21	Ton/m²			
Cortante en dos direcciones, punzonamiento				*Cortante en una direccion*	
d=	31.7 cm.			Vu =	42.57 Ton.
bo=	350.8 cm.			d =	21.0 cm. OK
Vu =	131.48 Ton.				
d >=	25.9 cm.	OK			
	17.6 cm.	OK	Flexión		
	29.1 cm.	OK	**Mu =**	**34.16**	Ton -m
K=	3399	kN/m2			
ρ =	0.0100		As=	31.79	cm2
			#8 C/ 0.16		

DISEÑO DE ZAPATA - D4

			Dim. de columna			Dimen. de zapata			
Pu (Ton)	f´c	fy	b (cm)	h (cm)	ðAdm (Ton/m²)	B (m)	H (m)	T (cm)	b
83.76	240	4200	53	56	14.70	2.25	2.25	35	1

Presion de Contacto maxima	423.83	Ton	OK		
Presión última del suelo	16.54	Ton/m²			
Cortante en dos direcciones, punzonamiento				*Cortante en una direccion*	
d=	26.7 cm.			Vu =	21.52 Ton.
bo=	324.8 cm.			d =	13.7 cm. OK
Vu =	72.85 Ton.				
d >=	15.5 cm.	OK			
	10.5 cm.	OK	Flexión		
	19.2 cm.	OK	**Mu =**	**13.29**	Ton -m
K=	1864	kN/m2			
ρ =	0.0052		As=	13.91	cm2
			#5 C/ 0.14		

DISEÑO DE ZAPATA - C4

			Dim. de columna			Dimen. de zapata			
Pu (Ton)	f´c	fy	b (cm)	h (cm)	ðAdm (Ton/m²)	B (m)	H (m)	T (cm)	b
41.76	240	4200	56	56	14.70	1.70	1.70	35	1

Presion de Contacto maxima				447.82	Ton	OK				
Presión última del suelo				14.45	Ton/m²					
Cortante en dos direcciones, punzonamiento							*Cortante en una direccion*			
d=	26.7	cm.					Vu =	7.44	Ton.	
bo=	330.8	cm.					d =	6.3	cm.	OK
Vu =	31.88	Ton.								
d >=	6.7	cm.	OK							
	4.5	cm.	OK			Flexión				
	8.4	cm.	OK			**Mu =**	**3.99**	Ton -m		
K=		559.8	kN/m2							
ρ =		0.0020			As=	5.34	cm2			
					#4 C/ 0.24					

Tipo de Cimiento	Existente								
	Elemento	B	H	e	d	Acero B	ρ	Acero H	ρ
	Eje	m	m	m	cm				
Zapata Centrica	1	1	1	0.35	26.7	#4/c.10	0.005	#4/c.10	0.005
Zapata Centrica	2	1.4	1.4	0.35	26.7	#4/c.10	0.005	#4/c.20	0.002
Zapata Centrica	6	1.95	1.95	0.35	26.7	#4/c.10	0.005	#4/c.10	0.005
Zapata Centrica	9	2.8	2.8	0.35	26.7	#4/c.10	0.005	#4/c.20	0.002
Zapata Centrica	12	1.1	1.1	0.3	21.7	#4/c.10	0.006	#4/c.20	0.003
Zapata Centrica	13	2.55	2.55	0.35	26.7	#4/c.10	0.005	#4/c.20	0.002

Tipo de Cimiento	Existente	Diseño					Requerido			
	Elemento	B	H	e	ρ (B)	ρ (H)	Acero B	ρ	Acero H	ρ
	Eje	m	m	m						
Zapata Centrica	1	1.7	1.7	0.35	0.002	0.002	#4/c.20	0.002	#4/c.20	0.002
Zapata Centrica	2	2.25	2.25	0.35	0.0052	0.0052	#4/c.20	0.002	#5/c.25	0.003
Zapata Centrica	6	2.9	2.9	0.4	0.01	0.01	#7/c.24	0.005	#7/c.24	0.005
Zapata Centrica	9	3.9	3.9	0.5	0.0148	0.0148	#9/c.15	0.010	#9/c.13	0.012
Zapata Centrica	12	3.15	3.15	0.4	0.0109	0.0109	#8/c.30	0.005	#8/c.20	0.008
Zapata Centrica	13	3.45	3.45	0.45	0.012	0.012	#9/c.25	0.007	#9/c.18	0.010

17.2. CIMENTACIONES COMBINADAS

DIMENSIONAMIENTO DE CIMENTACION

ZAPATA COMBINADA 1 E2-F2

KN

1231.63 146.82

2.06 2.67 0.28

x F=	3231.62		L definida	5.01	m					Centro de Gravedad								
F =	1378.45	KN	Diferencia			0.02				Secciones	B(m)	H(m)	A(m2)	x(m)	y(m)	A*x(m)	A*y(m)	
X =	2.34	m.	No hay excentricidad							Zapata	3	3	9	1.5	1.5	13.5	13.5	
L=	4.69	m.		Bcm	Hcm	Bcm	Hcm			Muro			0	3	3	0	0	
L ajustada =	5.01	m.	COL	68	68	56	56			Zapata 2	2	2.2	4.4	4	4.1	17.6	18.04	
			P cim	162.324	KN						5		13.4			31.1	31.54	
Capacidad portante	14.7	Ton/m2		147	KN/m2								xc	2.32	m			
P =	1540.77	KN											yc	2.35	m			
Area =	10.48	m2																
Ancho min.	2.09	m.	B =	2.10	m.													
B Asumido =	3.00	m.																
B Asumido =	2.20	m																

Diseño

KN

1622.50 217.30

2.06 2.67 0.28

Pu =	1839.80	KN																
qu =	137.30	KN/m2																
wneto1=	411.90	KN/m																
wneto2=	302.06	KN/m																
	1	2	3															
Vu	848.51	815.4	100.92	KN														
Mu	873.96	873.96	264.5	KN*m														
Tramo 1										Tramo 2								
Flexion			Cortante							Flexion			Cortante					
Mu	874.0	kN*m	*Cortante en una direccion*							Mu	264.5	kN*m	*Cortante en una direccion*					
f´c	24000	kPa	Vu =	682.14	KN					f´c	24000	kPa	Vu =	64.04	KN			
fy	420000	kPa	Vc=	687.7	KN	OK				fy	420000	kPa	Vc=	435.6	KN	OK		
b	3.00	m								b	2.20	m						
h	45.00	cm	Vu(d/2)	848.51	Vu	682.144837	m			h	40.00	cm	Vu(d/2)	100.92	Vu	64.04215	m	
d	0.367	m		2.67	2.35-(x+d/2)	2.15				d	0.317	m		1.20	2.35-(x+d/2)	0.76		
p	0.0061			x	0.34	m				p	0.0033			x	0.28	m		
p min	0.002			d/2	0.1835	m				p min	0.002			d/2	0.1585	m		
As=	67.22	cm2								As=	22.84	cm2						
Cantidad 13			*Cortante en dos direcciones,*							**Cantidad 11**			*Cortante en dos direcciones,*					
#8 C/ 0.23			d=	36.7	cm.					**#5 C/ 0.19**			d=	31.7	cm.			
			bo=	418.8	cm.								bo=	350.8	cm.			
			Vu =	147.20	kN								Vu =	11.17	kN			
			d >=	24.3	cm.	OK							d >=	2.2	cm.	OK		
				29.7	cm.	OK								2.3	cm.	OK		
				28.2	cm.	OK								2.5	cm.	OK		

DIMENSIONAMIENTO DE CIMENTACION

ZAPATA COMBINADA 2 E3-F3

KN

931.28 211.53

1.56 2.67 0.28

x F=	2347.57		L definida	4.51	m													
F =	1142.81	KN	Centro de Gravedad	2.255	m													
X =	2.05	m.	Diferencia	-0.03														
L=	4.11	m.	No hay excentricidad															
L ajustada =	4.51	m.		Bcm	Hcm	Bcm	Hcm											
			COL	55	55	56	56											
			P cim	129.888	KN													
Capacidad portante	14.7	Ton/m2		147	KN/m2													
P =	1272.70	KN																
Area =	8.66	m2																
Ancho min.	1.92	m.	B =	2.00	m.													
B Asumido =	3.00	m.																
B Asumido =	2.20	m																

Centro de Gravedad

Secciones	B(m)	H(m)	A(m2)	x(m)	y(m)	A*x(m)	A*y(m)
Zapata	2.5	3	7.5	1.25	1.5	9.375	11.25
Muro			0	2.5	3	0	0
Zapata 2	2	2.2	4.4	3.5	4.1	15.4	18.04
	4.5		11.9			24.775	29.29
			xc	2.08	m		
			yc	2.46	m		

Diseño

KN

1219.96 272.02

1.56 2.67 0.28

Pu =	1491.98	KN																
qu =	110.27	KN/m2																
wneto1=	330.82	KN/m																
wneto2=	242.60	KN/m																
	1	2	3															
Vu	516.07	542.77	193.18	KN														
Mu	402.54	402.54	67.22	KN*m														
Tramo 1																		
Flexion			Cortante															
Mu	402.5	kN*m	*Cortante en una direccion*															
f´c	24000	kPa	Vu =	272.20	KN													
fy	420000	kPa	Vc=	594.0	KN	OK												
b	3.00	m																
h	40.00	cm	Vu(d/2)	542.77	Vu	272.199155	m											
d	0.317	m		1.00	2.35-(x+d/2)	0.50												
p	0.0037			x	0.34	m												
p min	0.002			d/2	0.1585	m												
As=	34.91	cm2																
Cantidad 12			*Cortante en dos direcciones,*															
#6 C/ 0.24			d=	31.7	cm.													
			bo=	346.8	cm.													
			Vu =	113.71	kN													
			d >=	22.6	cm.	OK												
				27.7	cm.	OK												
				25.2	cm.	OK												

Tramo 2																		
Flexion												Cortante						
Mu	67.2	kN*m										*Cortante en una direccion*						
f´c	24000	kPa										Vu =	122.59	KN				
fy	420000	kPa										Vc=	435.6	KN	OK			
b	2.20	m																
h	40.00	cm										Vu(d/2)	193.18	Vu	122.588808	m		
d	0.317	m											1.20	2.35-(x+d/2)	0.76			
p	0.0008												x	0.28	m			
p min	0.002												d/2	0.1585	m			
As=	13.95	cm2																
Cantidad 11												*Cortante en dos direcciones,*						
#4 C/ 0.20												d=	31.7	cm.				
												bo=	350.8	cm.				
												Vu =	18.72	kN				
												d >=	3.7	cm.	OK			
													3.9	cm.	OK			
													4.1	cm.	OK			

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DIMENSIONAMIENTO DE CIMENTACION

ZAPATA COMBINADA 3 E4-F4

KN

478.11 104.35

1.16 2.67 0.28

x F=	954.27		L definida	4.11	m					Centro de Gravedad								
F =	582.46	KN	Diferencia		-0.07					Secciones	B(m)	H(m)	A(m2)	x(m)	y(m)	A*x(m)	A*y(m)	
X =	1.64	m.	No hay excentricidad							Zapata	2	2	4	1	1	4	4	
L=	3.28	m.		Bcm	Hcm	Bcm	Hcm			Muro			0	2	2	0	0	
L ajustada =	4.11	m.	COL	55	55	56	56			Zapata 2	2.11	1	2.11	3.055	2.5	6.44605	5.275	
			P cim	78.912	KN						4.11		6.11			10.44605	9.275	
Capacidad portante	14.7	Ton/m2	147	KN/m2									xc	1.71	m			
P =	661.38	KN											yc	1.52	m			
Area =	4.50	m2																
Ancho min.	1.09	m.	B =	1.10	m.													
B Asumido =	2.00	m.																
B Asumido =	1.00	m																

Diseño

KN

634.72 164.85

1.16 2.67 0.28

Pu =	799.57	KN																
qu =	97.27	KN/m2																
wneto=	194.54	KN/m																
wneto2=	97.27	KN/m																
	1	2	3															
Vu	225.66	278.95	-118.83	KN														
Mu	130.08	130.08	-68.02	KN*m														
Tramo 1										Tramo 2								
Flexion			Cortante							Flexion				Cortante				
Mu	130.1	kN*m	*Cortante en una direccion*							Mu	68.0	kN*m		*Cortante en una direccion*				
f´c	24000	kPa	Vu =	179.62	KN					f´c	24000	kPa		Vu =	75.41	KN		
fy	420000	kPa	Vc=	396.0	KN	OK				fy	420000	kPa		Vc=	198.0	KN	OK	
b	2.00	m								b	1.00	m						
h	40.00	cm	Vu(d/2)	-278.95	Vu	-179.623875	m			h	40.00	cm		Vu(d/2)	118.83	Vu	75.4075375	
d	0.317	m		1.40	2.35-(x+d/2)	0.90				d	0.317	m			1.20	2.35-(x+d/2)	0.76	
p	0.0017			x	0.34	m				p	0.0018				x	0.28	m	
p min	0.002			d/2	0.1585	m				p min	0.002				d/2	0.1585	m	
As=	12.68	cm2								As=	6.34	cm2						
Cantidad 10			*Cortante en dos direcciones,*							**Cantidad 5**				*Cortante en dos direcciones,*				
#4 C/ 0.20			d=	31.7	cm.					**#4 C/ 0.20**				d=	31.7	cm.		
			bo=	346.8	cm.									bo=	350.8	cm.		
			Vu =	56.16	KN									Vu =	9.00	kN		
			d >=	11.2	cm.	OK								d >=	1.8	cm.	OK	
				11.4	cm.	OK									1.2	cm.	OK	
				12.4	cm.	OK									2.0	cm.	OK	

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DIMENSIONAMIENTO DE CIMENTACION

ZAPATA COMBINADA 1 B2

1989.12 397.824

KN

501.10 397.82 397.82 397.82 397.82 397.82 2490.22



1.3 0.90 1.33 1.33 1.33 1.33

Centro de Gravedad

Secciones	B(m)	H(m)	A(m2)	x(m)	y(m)	A*x(m)	A*y(m)
Zapata	2.2	2.87	6.314	1.1	1.435	6.9454	9.06059
Muro	2.6	1.24	3.224	3.5	3.49	11.284	11.25176
Zapata 2	3.4	2.7	9.18	6.5	5.46	59.67	50.1228
			18.718			77.8994	70.43515

			L definida	7.52	m		
x F=	10318.55		Centro de Gravedad	4.16	m		
F =	2490.22	KN	Diferencia	-0.02		8.2	
X =	4.14	m.	No hay excentricidad			5.32	
L=	8.29	m.		Bcm	Hcm		
L ajustada =	7.52	m.	COL	68	68		
			Muro	580	30		
			P cim	85.5	KN		
Capacidad portante		14.7	P cim	44.9	KN		
			P cim	171.4	KN		
P =	2792.04	KN	Ton/m2	147	KN/m2		
Area =	18.99	m2	OK				
B1 Asumido	2.70	m.					
B2 Asumido	1.20	m.					
B3 Asumido	3.50	m.					

							xc	4.16 m
							yc	3.76 m

Diseño

KN

2911.58 1039.74 635.19 1126.28 1860.88 1654.69



1.3 0.90 1.33 1.33 1.33 1.33

Pu =	9228.36	KN
qu =	493.02	KN/m2
wneto1=	1331.16	KN/m
wneto2=	591.62	KN/m
wneto3=	1725.57	KN/m

Tramo 1

	1	2	3	4	5	6	
Vu	2218.42	-1905.83	-491.02	-306.00	1465.20	1368.27	KN
Mu	1238.79	1238.79	-164	-164.00	363.96	363.96	KN*m

Flexion			Cortante				
Mu	1238.8	kN*m	*Cortante en una direccion*				
f´c	24000	kPa	Vu =	743.17	KN		
fy	420000	kPa	Vc=	871.9	KN	OK	
b	2.70	m					
h	60.00	cm	Vu(d/2)	2218.42	Vu	743.1707	m
d	0.517	m		0.90	D-(x+d/2)	0.30	
p	0.0048		x	0.34	m		
p min	0.002		d/2	0.2585	m		
As=	66.67	cm2					
Cantidad 13			*Cortante en dos direcciones,*				
#8 C/ 0.21			d=	51.7	cm.		
			bo=	478.8	cm.		
			Vu =	220.52	kN		
			d >=	31.8	cm.	OK	
				37.2	cm.	OK	
				30.0	cm.	OK	

DIMENSIONAMIENTO DE CIMENTACION							
B Asumido :	1.20	m.					
Diseño							
	KN						
	635.19	1126.28					
	1.33	1.33					
Pu =	1761.47	KN					
qu =	1467.89	KN/m2					
Flexion			Cortante				
Mu	183.5	kN*m	*Cortante en una direccion*				
f´c	24000	kPa	Vu =	317.80	KN		
fy	420000	kPa	Vc=	354.2	KN	OK	
b	1.00	m					
h	65.00	cm	Lv	0.50	m		
d	0.567	m	Lv-d/2	0.22	m		
p	0.0015		Bz	1	m		
p min	0.002		Vu	317.80	KN		
As=	8.70	cm2	Mu	183.49	kN*m		
#6 C/	0.33						
Zona de Cortante Alto							
Flexion			Cortante				
Mu	183.5	kN*m	*Cortante en una direccion*				
f´c	20800	kPa	Vu =	317.80	KN		
fy	420000	kPa	Vc=	329.7	KN	OK	
b	1.00	m					
h	65.00	60	Lv	0.50	m		
d	0.567	m	Lv-d/2	0.22	m		
p	0.0015		Bz	1	m		
p min	0.002		Vu	317.80	KN		
As=	11.34	cm2	Mu	183.49	kN*m		
#4 C/	0.11						

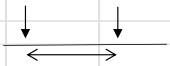
Tramo 3							
	1	2	3	4	5	6	
Vu	2218.42	-1905.83	-491.02	-306.00	1465.20	1368.27	KN
Mu	1238.79	1238.79	-164	-164.00	363.96	363.96	KN*m
Flexion			Cortante				
Mu	364.0	kN*m	*Cortante en una direccion*				
f´c	24000	kPa	Vu =	1015.17	KN		
fy	420000	kPa	Vc=	1130.2	KN	OK	
b	3.50	m					
h	60.00	cm	Vu(d/2)	1465.20	Vu	1015.17429	m
d	0.517	m		1.33	D-(x+d/2)	0.92	
p	0.0010			x	0.15	m	
p min	0.002			d/2	0.2585	m	
As=	36.19	cm2					
Cantidad	**18**						
#5 C/	**0.19**						

DIMENSIONAMIENTO DE CIMENTACION

ZAPATA CORRIDA — A1

	KN					
	212.21	276.50				
0.30	2.26	0.50				
			L definida	3.06	m	
x F=	771.50		Centro de Gravedad		1.53	m
F =	488.71	KN	Diferencia		0.05	
X =	1.58	m.	No hay excentricidad			
L=	3.16	m.		Bcm	Hcm	
L ajustada =	3.06	m.	COL	68	68	
			Muro	226	20	
			P cim	81.2	KN	
Capacidad portante		14.7	Ton/m2	147	KN/m2	
P =	569.86	KN				
P =	252.15	KN/m				
Area =	1.72	m2/m				
Ancho min.	1.72	m.	B =	1.80	m.	
B Asumido =	1.70	m.				

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Diseño						
	KN					
	529.73	625.60				
						
0.30	2.26	0.50				
Pu =	1155.33	KN				
qu =	679.61	KN/m2				
Flexion			Cortante			
Mu	191.1	kN*m	*Cortante en una direccion*			
f´c	24000	kPa	Vu =	401.99	KN	
fy	420000	kPa	Vc=	198.0	KN	NO
b	1.00	m				
h	40.00	cm	Lv	0.75	m	
d	0.317	m	Lv-d/2	0.59	m	
p	0.0053		Bz	1	m	
p min	0.002		Vu	401.99	KN	
As=	16.88	cm2	Mu	191.14	kN*m	
#6 C/ 0.17						
Zona de Cortante Alto						
Flexion			Cortante			
Mu	191.1	kN*m	*Cortante en una direccion*			
f´c	24000	kPa	Vu =	317.04	KN	
fy	420000	kPa	Vc=	354.2	KN	OK
b	1.00	m				
h	65.00	cm	Lv	0.75	m	
d	0.567	m	Lv-d/2	0.47	m	
p	0.0016		Bz	1	m	
p min	0.002		Vu	317.04	KN	
As=	11.34	cm2	Mu	191.14	kN*m	
#5 C/ 0.18						

DIMENSIONAMIENTO DE CIMENTACION						
		ZAPATA CORRIDA	A2			
	KN					
	271.35	266.49				
						
0.30	3.46	0.30				
			L definida	4.06	m	
x F=	1083.41		Centro de Gravedad		2.03	m
F =	537.84	KN	Diferencia		-0.02	
X =	2.01	m.	No hay excentricidad			
L=	4.03	m.		Bcm	Hcm	
L ajustada =	4.06	m.	COL	68	68	
			Muro	226	20	
			P cim	70.2	KN	
Capacidad portante		14.7	Ton/m2	147	KN/m2	
P =	608.00	KN				
P =	175.72	KN/m				
Area =	1.20	m2/m				
Ancho min.	1.20	m.	B =	1.20	m.	
B Asumido =	1.20	m.				

Diseño

KN

765.53 676.77

0.30 2.26 0.50

Pu =	1442.30	KN					
qu =	1201.92	KN/m2					
Flexion			Cortante				
Mu	150.2	kN*m	*Cortante en una direccion*				
f´c	24000	kPa	Vu =	440.50	KN		
fy	420000	kPa	Vc=	166.8	KN	NO	
b	1.00	m					
h	35.00	cm	Lv	0.50	m		
d	0.267	m	Lv-d/2	0.37	m		
p	0.0059		Bz	1	m		
p min	0.002		Vu	440.50	KN		
As=	15.86	cm2	Mu	150.24	kN*m		
#6 C/	0.18						

Zona de Cortante Alto

Flexion			Cortante				
Mu	150.2	kN*m	*Cortante en una direccion*				
f´c	24000	kPa	Vu =	290.26	KN		
fy	420000	kPa	Vc=	322.9	KN	OK	
b	1.00	m					
h	60.00	60	Lv	0.50	m		
d	0.517	m	Lv-d/2	0.24	m		
p	0.0015		Bz	1	m		
p min	0.002		Vu	290.26	KN		
As=	10.34	cm2	Mu	150.24	kN*m		
#5 C/	0.19						

DIMENSIONAMIENTO DE CIMENTACION

ZAPATA COMBINADA 1 E1

KN

413.70 141.47 171.44 205.57 -33.94

0.95 0.63 0.63 0.63 0.63

			L definida	3.45	m	
x F=	1456.64		Centro de Gravedad	1.57	m	
F =	898.24	KN	Diferencia	0.05		
X =	1.62	m.	No hay excentricidad			1.88
L=	3.24	m.		Bcm	Hcm	
L ajustada =	3.45	m.	COL	68	68	
			Muro	580	30	
			P cim	82.4	KN	
Capacidad portante		14.7	P cim	0.0	KN	
			P cim	127.3	KN	
P =	1107.90	KN	Ton/m2	147	KN/m2	
Area =	7.54	m2	OK			
B1 Asumido	2.60	m.				
B2 Asumido	1.80	m.				

Centro de Gravedad

Secciones	B(m)	H(m)	A(m2)	x(m)	y(m)	A*x(m)	A*y(m)
Zapata	1.9	2.6	4.94	0.95	1.3	4.693	6.422
Muro	1.55	1.8	2.79	2.675	3.5	7.46325	9.765
Zapata 2	0	0	0	3.45	4.4	0	0
			3.45			12.15625	16.187
			7.73				
			xc	1.57	m		
			yc	2.09	m		

Diseño

	KN						
	532.41	198.94	316.25	507.52	-422.21		
0.95	0.63	0.63	0.63	0.63			

Pu =	1132.91	KN					
qu =	146.56	KN/m2					
wneto1=	381.06	KN/m					
wneto2=	263.81	KN/m					

Tramo 1							
	1	2	3	4	5	6	
Vu	439.63	-200.73					KN
Mu	171.92	21.40					KN*m

Flexion			Cortante				
Mu	171.9	kN*m	*Cortante en una direccion*				
f´c	24000	kPa	Vu =	172.02	KN		
fy	420000	kPa	Vc=	514.8	KN	OK	
b	2.60	m					
h	40.00	cm	Vu(d/2)	361.95	Vu	172.0215	m
d	0.317	m		0.95	D-(x+d/2)	0.45	
p	0.0018			x	0.34	m	
p min	0.002			d/2	0.1585	m	
As=	16.48	cm2					
Cantidad	**13**		*Cortante en dos direcciones,*				
#4 C/	**0.20**		d=	31.7	cm.		
			bo=	398.8	cm.		
			Vu =	38.67	kN		
			d >=	6.7	cm.	OK	
				7.7	cm.	OK	
				8.6	cm.	OK	

Tramo 2

B Asumido = 1.80 m.

Diseño

	KN						
	316.25	507.52	-422.21				
0.63	0.63	0.63					

Pu =	401.56	KN					
qu =	223.09	KN/m2					

Flexion			Cortante				
Mu	71.4	kN*m	*Cortante en una direccion*				
f´c	24000	kPa	Vu =	143.11	KN		
fy	420000	kPa	Vc=	198.0	KN	OK	
b	1.00	m					
h	40.00	cm	Lv	0.80	m		
d	0.317	m	Lv-d/2	0.64	m		
p	0.0019		Bz	1	m		
p min	0.002		Vu	143.11	KN		
As=	6.34	cm2	Mu	71.39	kN*m		
#4 C/	0.20						

Tipo de Cimiento	Existente								
	Elemento	B	H	e	d	Acero B	ρ	Acero H	ρ
	Eje	m	m	m	cm				
Zapata Continua	3	4.1	1	0.35	26.7	#4/c.10	0.005	#4/c.10	0.005
Zapata Continua	4	0.8	3.8	0.35	26.7	#4/c.10	0.005	#4/c.10	0.005
Zapata Continua	7	1.2	4.5	0.35	26.7	#4/c.10	0.005	#4/c.10	0.005
Zapata combinada	8	7.5	0.8	0.35	26.7	#4/c.10	0.005	#4/c.20	0.002
Zapata Continua	10	1.4	5	0.35	26.7	#4/c.10	0.005	#4/c.20	0.002
Zapata Continua	11	0.8	2.85	0.35	26.7	#4/c.10	0.005	#4/c.20	0.002
Zapata combinada	14	1.9	1.9	0.35	26.7	#4/c.10	0.005	#4/c.20	0.002

	Diseño								Requerido							
	Tramo 1				Tramo 2				Tramo 1				Tramo 2			
	B	ρ	H	ρ	B	ρ	H	ρ	Acero B	ρ	Acero H	ρ	Acero B	ρ	Acero H	ρ
Zapata Continua	2	0.002	2	0.002	1	0.002	2.11	0.002	0.002	#4/C.20	0.002	#4/C.20	0.002	#4/C.20	0.002	#4/C.20
Zapata Continua	3	0.0037	2.5	0.002	2.2	0.002	2	0.002	0.002	#4/C.20	0.002	#4/C.20	0.002	#4/C.20	0.002	#4/C.20
Zapata Continua	3	0.006	3	0.002	2.2	0.0033	2	0.002	0.002	#4/C.20	0.002	#4/C.20	0.002	#4/C.20	0.002	#4/C.20
Zapata Continua	1.2	0.0059	4.06	0.002	0.8	0.002	4.06	0.002	0.002	#4/C.20	0.002	#4/C.20				
					Aumento de espesor e:60cm											
Zapata Continua	1.7	0.0053	3.06	0.002	0.8	0.002	4.06	0.002	0.002	#4/C.20	0.002	#4/C.20				
					Aumento de espesor e:65cm											
Zapata Continua	2.7	0.0048	2.2	0.002					0.002	#4/C.20	0.002	#4/C.20				
	1.2	0.0051	2.6	0.002					0.002	#4/C.20	0.002	#4/C.20				
	3.5	0.002	2.72	0.002					0.002	#4/C.20	0.002	#4/C.20				
Zapata Continua	1.9	0.002	2.6	0.002					0.002	#4/C.20	0.002	#4/C.20				
	1.55	0.002	1.8	0.002					0.002	#4/C.20	0.002	#4/C.20				

17.3. LOSA DE CIMENTACIÓN

CHEQUEO DE EXCENTRICIDADES

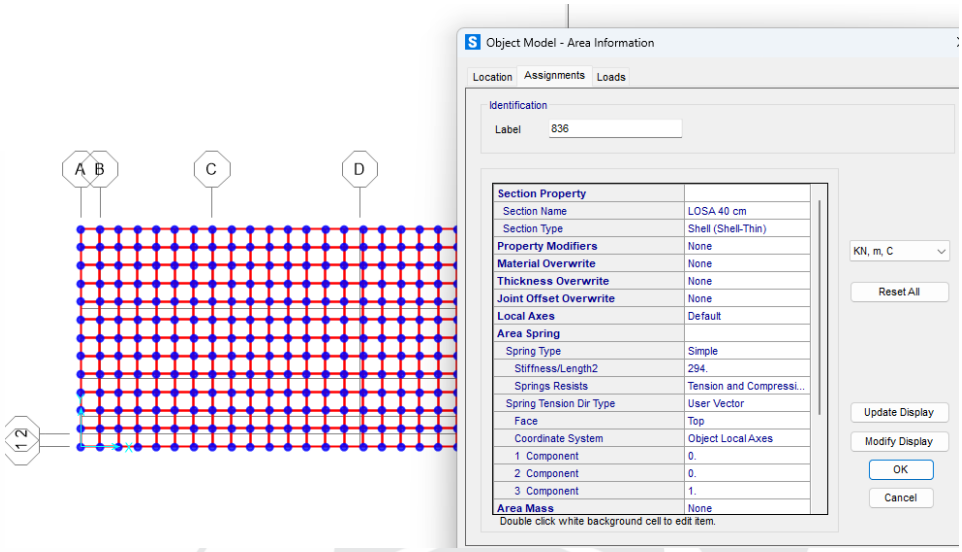
P LOSA		
Lx(m)	7	
Ly(m)	5	
H(m)	0.4	
P Losa (KN)	336.00	
A/4 (m2)	8.75	P Losa (KN)
P(H=0.4) KN	84.00	336.00

Nodo	Carga Servicio	Peso losa	x(m)	y(m)	Fz*x (kN*m)	Fz*y (kN*m)
213	821.51 kN		0.3	3.43	246.45	2817.78
60	214.46 kN		0.2	0.48	42.89	102.94
49	839.16 kN		6.51	3.43	5462.93	2878.32
48	302.59 kN		2.06	2.16	623.34	653.59
196	320.84 kN		4.39	2.16	1408.49	693.01
60	214.46 kN		0.3	0.48	64.34	102.94
50	173.72 kN		2.06	0.2	357.86	34.74
197	189.16 kN		4.39	0.2	830.41	37.83
53	250.04 kN		6.51	1.063	1627.76	265.79
Zona 1		84.00 kN	1.75	1.25	147.00	105.00
Zona 2		84.00 kN	5.25	1.25	441.00	105.00
Zona 3		84.00 kN	1.75	3.75	147.00	315.00
Zona 4		84.00 kN	5.25	3.75	441.00	315.00
	3325.94 kN				11840.47	8426.96
CENTRO DE CARGAS				x	0.3	
Xc (m)	3.56			y	0.2	
Yc (m)	2.53					
CENTRO DE GRAVEDAD						
Xg(m)	3.5					
Yg(m)	2.50					
EXCENTRICIDAD						
ex (m)	0.06					
ey (m)	0.03					

CHEQUEO DE ESFUERZOS ADMINSIBLES

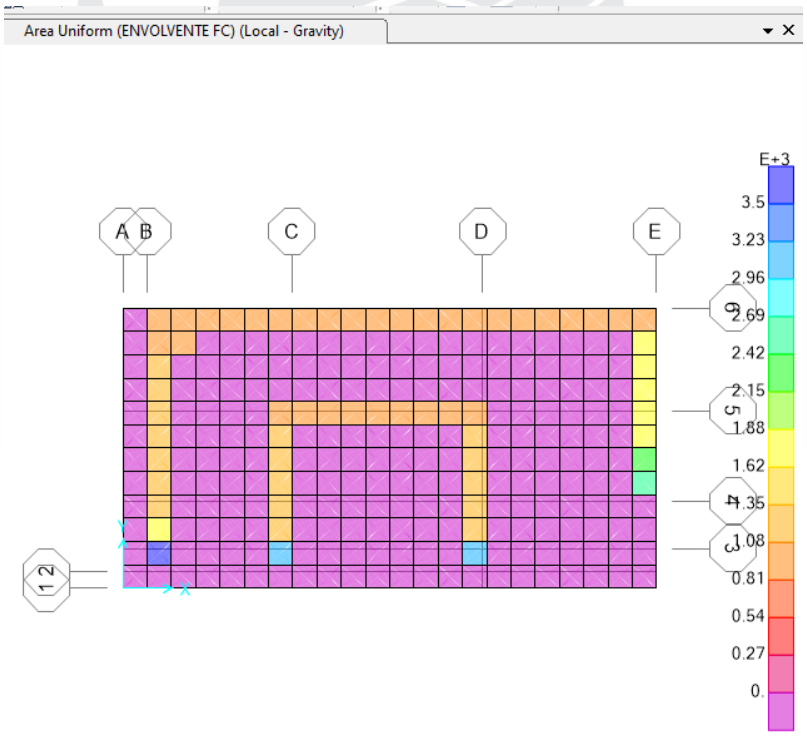
δact (kN/m2)	**104.63**
δAdm (kN/m2)	**147**
δmax (m)	**0.5**
K(kN/m3)	**294**

Ilustración 20 Asignación de coeficiente de balasto y de tipo de losa shell



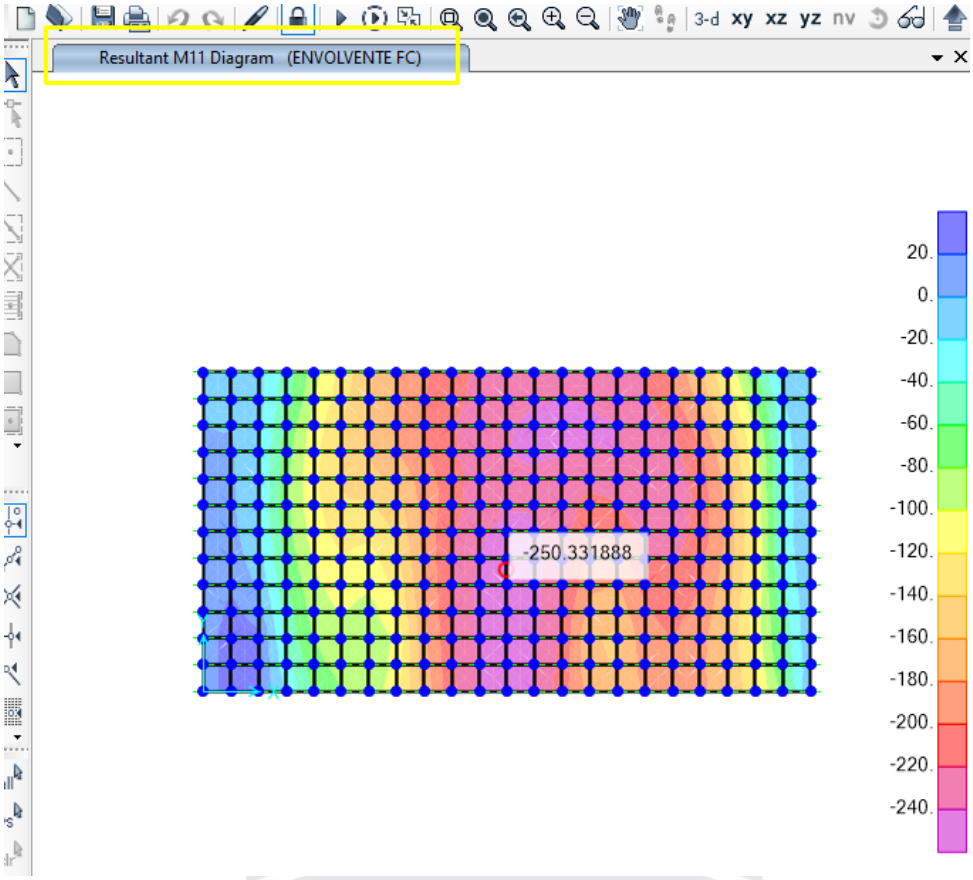
Fuente. Elaboración INDESCO SAS BIC, julio 2023

Ilustración 21 Asignación de cargas combinación de envolvente de flexocompresión en kN/m2



Fuente. Elaboración INDESCO SAS BIC, julio 2023

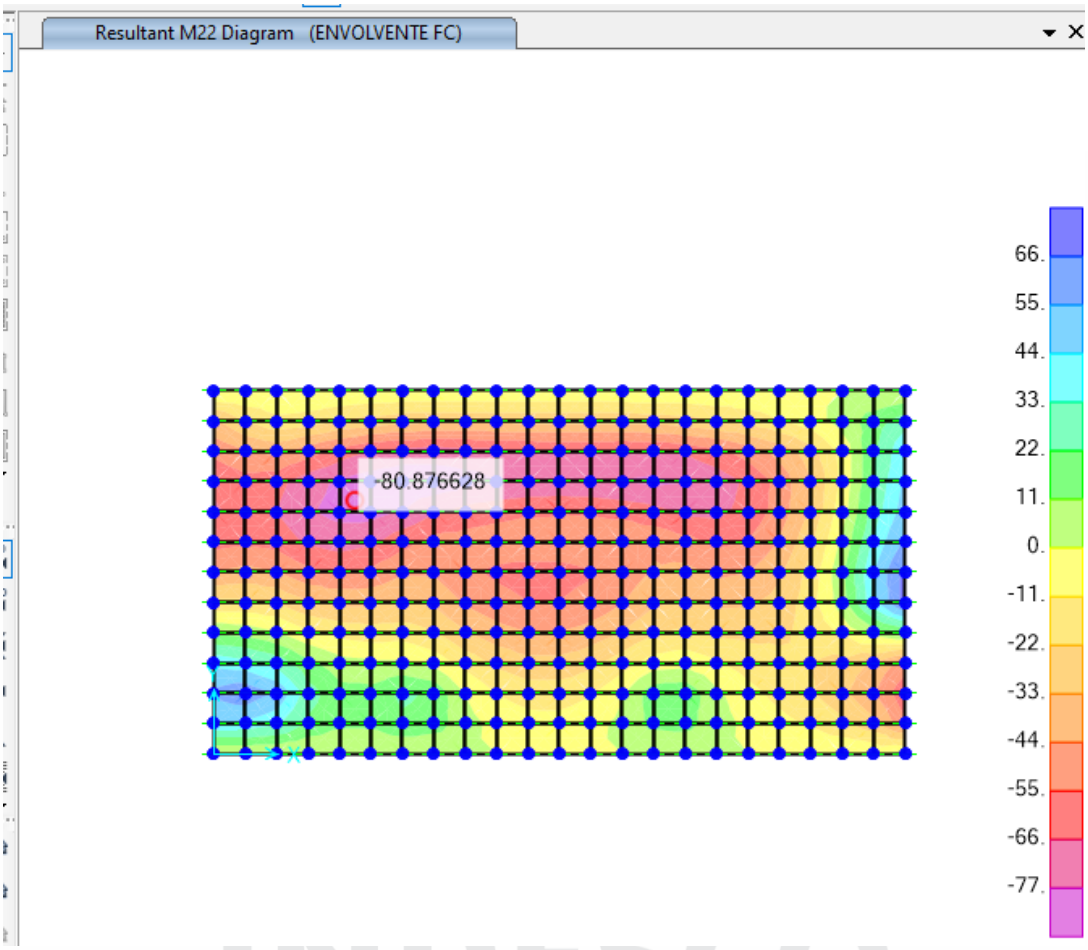
*Ilustración 22 Momento 11 en losa de cimentación en kN*m/m*



Fuente. Elaboración INDESCO SAS BIC, julio 2023

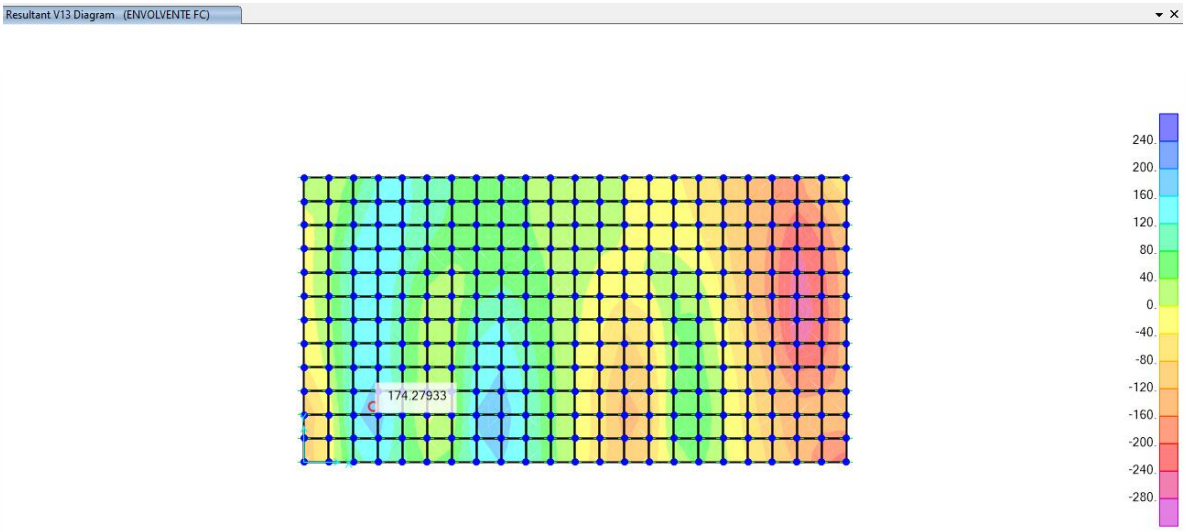
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*Ilustración 23 Momento 22 en losa de cimentación en kN*m/m*



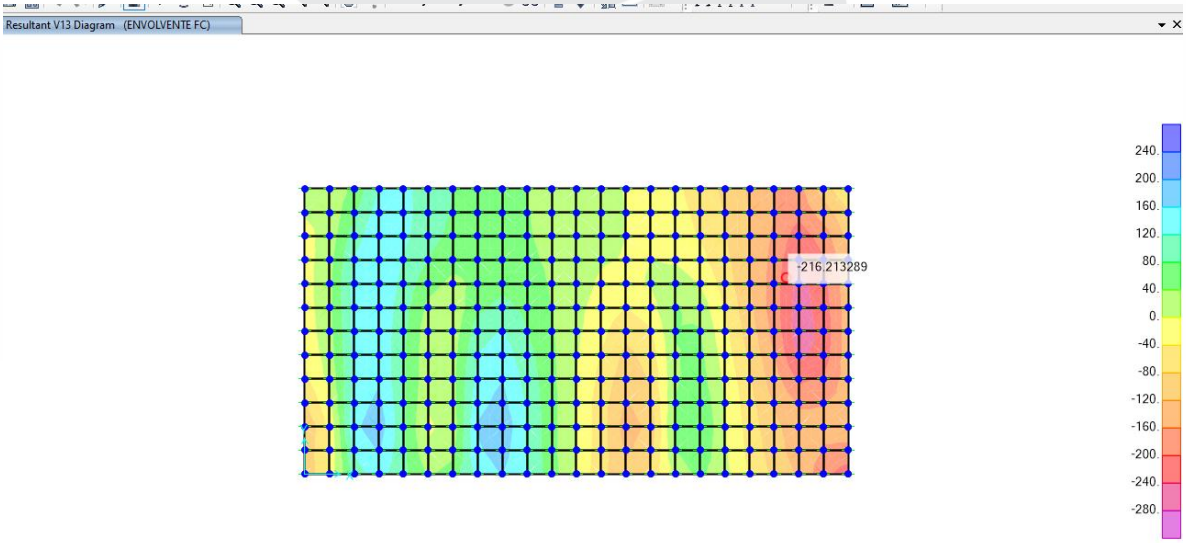
Fuente. Elaboración INDESCO SAS BIC, julio 2023

Ilustración 24 Cortante V13 en losa en zona izquierda de cimentación en kN/m



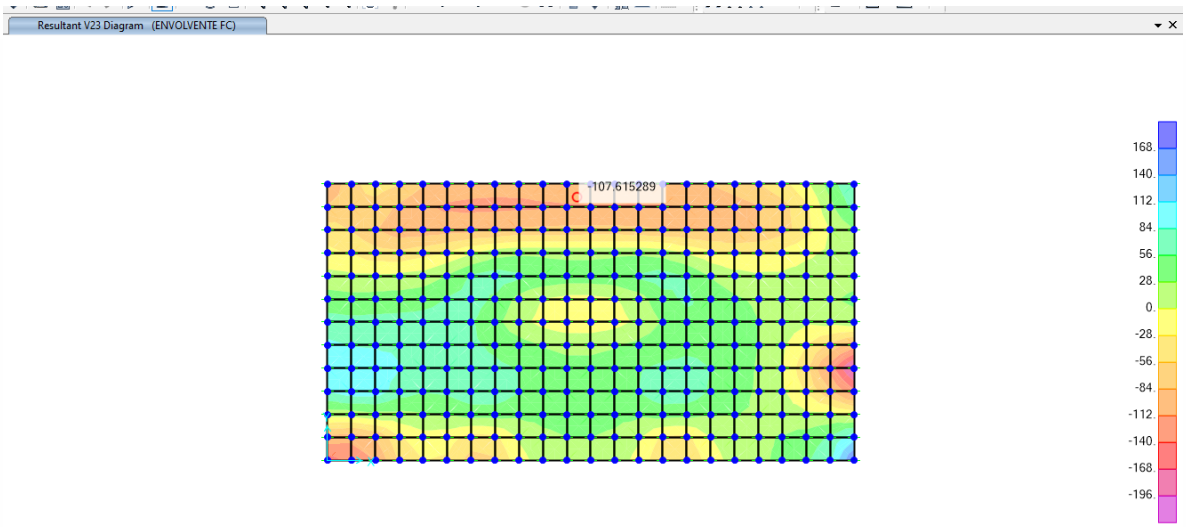
Fuente. Elaboración INDESCO SAS BIC, julio 2023

Ilustración 25 Cortante V13 en losa en zona derecha de cimentación en kN/m



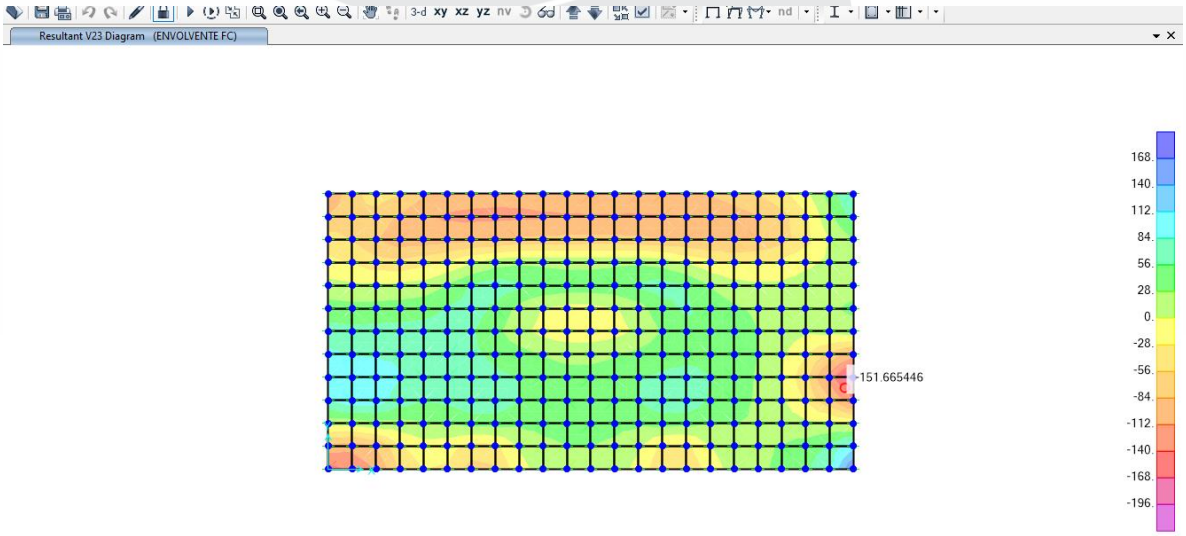
Fuente. Elaboración INDESCO SAS BIC, julio 2023

Ilustración 26 Cortante V23 en losa en zona de arriba de cimentación en kN/m



Fuente. Elaboración INDESCO SAS BIC, julio 2023

Ilustración 27 Cortante V23 en losa en zona de derecha de cimentación en kN/m



Fuente. Elaboración INDESCO SAS BIC, julio 2023

Flexion X (M11)						
Mu	250.0	kN*m	*Cortante en una direccion*			
f´c	24000	kPa	*Direccion X (V13)*			
fy	420000	kPa	Zona Izquierda			
b	1.00	m	Vu =	176.00	KN	
h	50.00	cm	Vc=	260.5	KN	OK
d	0.417	m	Zona derecha			
p	0.0040		Vu =	240.00	KN	
p min	0.002		Vc=	260.5	KN	OK
As=	16.54	cm2	*Direccion X (V23)*			
#6 C/	0.17		Zona derecha			
			Vu =	170.00	KN	
Flexion Y (M22)			Vc=	260.5	KN	OK
Mu	80.0	kN*m	Zona arriba			
f´c	24000	kPa	Vu =	110.00	KN	
fy	420000	kPa	Vc=	260.5	KN	OK
b	1.00	m				
h	50.00	cm				
d	0.417	m				
p	0.0012					
p min	0.002					
As=	8.34	cm2				
#4 C/	0.15					

CHEQUEO A CORTANTE LOSA E:50cm EN ZONA DE COLUMNA

		Dim. de apoyo		Dimen. de losa			
f´c	fy	b (cm)	h (cm)	B (m)	H (m)	T (cm)	b
240	4200	68	68	1.00	1.00	50	1

Cortante en dos direcciones, punzonamiento					*Cortante en una direccion*		
d=	41.7	cm.			Vu =	24.00	Ton.
bo=	438.8	cm.			d =	34.4	cm. OK
Vu =	13.90	Ton.					
d >=	2.2	cm.	OK				
	1.5	cm.	OK				
	2.3	cm.	OK				

17.4. VIGAS DE CIMENTACIÓN

VC EXISTENTE	Acero Superior	Acero Inferior	Cuantia	
S=30X40cm2	2#5	2#5	p	0.00379048

	Carga de diseño: 10% de la carga máxima registrada en el análisis						p min	0.002		
							p max	0.01769		
		Wu	19.46 T/m			f'c=24 Mpa				
Dimensiones viga		b	0.7		h	0.9	d	0.85	Literales	
Ejes		Lmáx	Mu+	Mu-	Vu	K(kN/m2)+	K(kN/m2)-	Ref+	Ref-	
VC2 1-2		9.95	192.65887	175.1444	96.81	3809.37	3463.0632	7#9	6#9	
ϕVc	ϕVs	Estribo	2R (cm)						p arriba	0.0076
37.16	59.65	E#4 C/	14						p abajo	0.0067

	Carga de diseño: 10% de la carga máxima registrada en el análisis						p min	0.002		
							p max	0.01769		
		Wu	7.00 T/m			f'c=24 Mpa				
Dimensiones viga		b	0.4		h	0.6	d	0.55	Literales	
Ejes		Lmáx	Mu+	Mu-	Vu	K(kN/m2)+	K(kN/m2)-	Ref+	Ref-	
VC1 1-2		7.45	38.85175	35.3198	26.08	3210.89	2918.9895	2#9	3#7	
ϕVc	ϕVs	Estribo	2R (cm)						p arriba	0.0056
13.74	12.33	E#4 C/	24						p abajo	0.0048

	Carga de diseño: 10% de la carga máxima registrada en el análisis						p min	0.002		
							p max	0.01769		
		Wu	22.60 T/m			f'c=24 Mpa				
Dimensiones viga		b	0.7		h	0.9	d	0.85	Literales	
Ejes		Lmáx	Mu+	Mu-	Vu	K(kN/m2)+	K(kN/m2)-	Ref+	Ref-	
VC4 1-2		9.95	223.74565	203.4051	112.44	4424.04	4021.8514	9#9	8#9	
ϕVc	ϕVs	Estribo	2R (cm)						p arriba	0.0098
37.16	75.27	E#4 C/	11						p abajo	0.0087

	Carga de diseño: 10% de la carga máxima registrada en el análisis						p min	0.002		
							p max	0.01769		
		Wu	17.78 T/m			f'c=24 Mpa				
Dimensiones viga		b	0.5		h	0.7	d	0.65	Literales	
Ejes		Lmáx	Mu+	Mu-	Vu	K(kN/m2)+	K(kN/m2)-	Ref+	Ref-	
VC5 1-2		7.45	98.683445	89.7122	66.23	4671.41	4246.7324	6#9	5#9	
ϕVc	ϕVs	Estribo	2R (cm)						p arriba	0.0107
20.30	45.93	E#4 C/	14						p abajo	0.0095

	Carga de diseño: 10% de la carga máxima registrada en el análisis						p min	0.002		
							p max	0.01769		
		Wu	22.00	T/m		f'c=24 Mpa				
Dimensiones viga		b	0.5		h	0.7	d	0.65	Literales	
Ejes		Lmáx	Mu+	Mu-	Vu	K(kN/m2)+	K(kN/m2)-	Ref+	Ref-	
VC4 2-3		5.2	59.488	54.0800	57.20	2816.00	2560	3#8	2#9	
ϕVc	ϕVs	Estribo	2R (cm)						p arriba	0.0043
20.30	36.90	E#4 C/	17						p abajo	0.0036

	Carga de diseño: 10% de la carga máxima registrada en el análisis						p min	0.002		
							p max	0.01769		
		Wu	13.50	T/m		f'c=24 Mpa				
Dimensiones viga		b	0.5		h	0.6	d	0.55	Literales	
Ejes		Lmáx	Mu+	Mu-	Vu	K(kN/m2)+	K(kN/m2)-	Ref+	Ref-	
VC4 4-3		4.8	31.104	28.2764	32.40	2056.46	1869.5116	2#6	2#5	
ϕVc	ϕVs	Estribo	2R (cm)						p arriba	0.0020
17.18	15.22	E#3 C/	19						p abajo	0.0015

	Carga de diseño: 10% de la carga máxima registrada en el análisis						p min	0.002		
							p max	0.01769		
		Wu	16.50	T/m		f'c=24 Mpa				
Dimensiones viga		b	0.5		h	0.6	d	0.55	Literales	
Ejes		Lmáx	Mu+	Mu-	Vu	K(kN/m2)+	K(kN/m2)-	Ref+	Ref-	
VC5 2-3		5.2	44.616	40.5600	42.90	2949.82	2681.6529	2#9	2#9	
ϕVc	ϕVs	Estribo	2R (cm)						p arriba	0.0048
17.18	25.72	E#4 C/	21						p abajo	0.0040

	Carga de diseño: 10% de la carga máxima registrada en el análisis						p min	0.002		
							p max	0.01769		
		Wu	12.40	T/m		f'c=24 Mpa				
Dimensiones viga		b	0.5		h	0.6	d	0.55	Literales	
Ejes		Lmáx	Mu+	Mu-	Vu	K(kN/m2)+	K(kN/m2)-	Ref+	Ref-	
VC5 4-3		4.8	28.5696	25.9724	29.76	1888.90	1717.1811	2#5	2#4	
ϕVc	ϕVs	Estribo	2R (cm)						p arriba	0.0015
17.18	12.58	E#4 C/	43						p abajo	0.0010

	Carga de diseño: 10% de la carga máxima registrada en el análisis						p min	0.002		
							p max	0.01769		
		Wu	2.70	T/m		f'c=24 Mpa				
Dimensiones viga		b	0.3		h	0.4	d	0.35	Literales	
Ejes		Lmáx	Mu+	Mu-	Vu	K(kN/m2)+	K(kN/m2)-	Ref+	Ref-	
VC6 2-3		5.2	7.3008	6.6371	7.02	1986.61	1806.0111			
ϕVc	ϕVs	Estribo	2R (cm)						p arriba	0.0018
6.56	0.46	E#3 C/	407						p abajo	0.0013

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	Carga de diseño: 10% de la carga máxima registrada en el análisis						p min	0.002		
							p max	0.01769		
		Wu	2.70	T/m		f'c=24 Mpa				
Dimensiones viga		b	0.3		h	0.4	d	0.35	Literales	
Ejes		Lmáx	Mu+	Mu-	Vu	K(kN/m2)+	K(kN/m2)-	Ref+	Ref-	
VC6 4-3		4.8	6.2208	5.6553	6.48	1692.73	1538.8497			
ϕVc	ϕVs	Estribo	2R (cm)						p arriba	0.0009
6.56	-0.08	E#4 C/	-4348						p abajo	0.0005

	Carga de diseño: 10% de la carga máxima registrada en el análisis						p min	0.002		
							p max	0.01769		
		Wu	3.80	T/m		f'c=24 Mpa				
Dimensiones viga		b	0.3		h	0.5	d	0.45	Literales	
Ejes		Lmáx	Mu+	Mu-	Vu	K(kN/m2)+	K(kN/m2)-	Ref+	Ref-	
VC3 4-3		4.8	8.7552	7.9593	9.12	1441.19	1310.1684	2#4	2#4	
ϕVc	ϕVs	Estribo	2R (cm)						p arriba	0.0002
8.43	0.69	E#4 C/	638						p abajo	-0.0002

	Carga de diseño: 10% de la carga máxima registrada en el análisis						p min	0.002		
							p max	0.01769		
		Wu	7.86	T/m		f'c=24 Mpa				
Dimensiones viga		b	0.5		h	0.6	d	0.55	Literales	
Ejes		Lmáx	Mu+	Mu-	Vu	K(kN/m2)+	K(kN/m2)-	Ref+	Ref-	
VC7 C-D		7.83	48.188795	43.8080	30.77	3186.04	2896.3964	3#8	2#9	
ϕVc	ϕVs	Estribo	2R (cm)						p arriba	0.0055
17.18	13.59	E#4 C/	39						p abajo	0.0047

	Carga de diseño: 10% de la carga máxima registrada en el análisis						p min	0.002		
							p max	0.01769		
		Wu	7.86	T/m		f'c=24 Mpa				
Dimensiones viga		b	0.5		h	0.6	d	0.55	Literales	
Ejes		Lmáx	Mu+	Mu-	Vu	K(kN/m2)+	K(kN/m2)-	Ref+	Ref-	
VC7 D-E		9.69	73.802335	67.0930	38.08	4879.49	4435.9029	5#9	3#8+2#9	
ϕVc	ϕVs	Estribo	2R (cm)						p arriba	0.0115
17.18	20.90	E#4 C/	26						p abajo	0.0103

	Carga de diseño: 10% de la carga máxima registrada en el análisis						p min	0.002		
							p max	0.01769		
		Wu	13.50	T/m		f'c=24 Mpa				
Dimensiones viga		b	0.5		h	0.6	d	0.55	Literales	
Ejes		Lmáx	Mu+	Mu-	Vu	K(kN/m2)+	K(kN/m2)-	Ref+	Ref-	
VC8 D-C		4.4	26.136	23.7600	29.70	1728.00	1570.9091	2#5		
ϕVc	ϕVs	Estribo	2R (cm)						p arriba	0.0010
17.18	12.52	E#4 C/	43						p abajo	0.0006

	Carga de diseño: 10% de la carga máxima registrada en el análisis						p min	0.002		
							p max	0.01769		
		Wu	13.50	T/m		f'c=24 Mpa				
Dimensiones viga		b	0.6		h	0.8	d	0.75	Literales	
Ejes		Lmáx	Mu+	Mu-	Vu	K(kN/m2)+	K(kN/m2)-	Ref+	Ref-	
VC8 D-E		9.69	126.75974	115.2361	65.41	3755.84	3414.4036	3#8+3#9	2#8+3#9	
ϕVc	ϕVs	Estribo	2R (cm)						p arriba	0.0074
28.11	37.30	E#4 C/	20						p abajo	0.0065

	Carga de diseño: 10% de la carga máxima registrada en el análisis						p min	0.002		
							p max	0.01769		
		Wu	22.60	T/m		f'c=24 Mpa				
Dimensiones viga		b	0.5		h	0.7	d	0.65	Literales	
Ejes		Lmáx	Mu+	Mu-	Vu	K(kN/m2)+	K(kN/m2)-	Ref+	Ref-	
VC9 D-C		4.86	53.380296	48.5275	54.92	2526.88	2297.1617	2#9	2#8	
ϕVc	ϕVs	Estribo	2R (cm)						p arriba	0.0034
20.30	34.62	E#4 C/	18						p abajo	0.0028

	Carga de diseño: 10% de la carga máxima registrada en el análisis						p min	0.002		
							p max	0.01769		
		Wu	22.60	T/m		f'c=24 Mpa				
Dimensiones viga		b	0.7		h	0.9	d	0.85	Literales	
Ejes		Lmáx	Mu+	Mu-	Vu	K(kN/m2)+	K(kN/m2)-	Ref+	Ref-	
VC9 D-E		9.69	212.20519	192.9138	109.50	4195.85	3814.4104	8#8+2#9	8#8+1#9	
ϕVc	ϕVs	Estribo	2R (cm)						p arriba	0.0090
37.16	72.33	E#4 C/	11						p abajo	0.0079

	Carga de diseño: 10% de la carga máxima registrada en el análisis						p min	0.002		
							p max	0.01769		
		Wu	14.00	T/m		f'c=24 Mpa				
Dimensiones viga		b	0.3		h	0.5	d	0.45	Literales	
Ejes		Lmáx	Mu+	Mu-	Vu	K(kN/m2)+	K(kN/m2)-	Ref+	Ref-	
VC10 A-B		2.88	11.61216	10.5565	20.16	1911.47	1737.697	2#4	2#4	
ϕVc	ϕVs	Estribo	2R (cm)						p arriba	0.0016
8.43	11.73	E#4 C/	37						p abajo	0.0011

	Carga de diseño: 10% de la carga máxima registrada en el análisis						p min	0.002		
							p max	0.01769		
		Wu	18.00	T/m		f'c=24 Mpa				
Dimensiones viga		b	0.7		h	0.9	d	0.85	Literales	
Ejes		Lmáx	Mu+	Mu-	Vu	K(kN/m2)+	K(kN/m2)-	Ref+	Ref-	
VC10 C-D		10.76	208.39968	189.4543	96.84	4120.61	3746.006	8#9	7#9	
ϕVc	ϕVs	Estribo	2R (cm)						p arriba	0.0087
37.16	59.68	E#4 C/	14						p abajo	0.0077

	Carga de diseño: 10% de la carga máxima registrada en el análisis						p min	0.002		
							p max	0.01769		
		Wu	18.00	T/m		f'c=24 Mpa				
Dimensiones viga		b	0.7		h	0.9	d	0.85	Literales	
Ejes		Lmáx	Mu+	Mu-	Vu	K(kN/m2)+	K(kN/m2)-	Ref+	Ref-	
VC10 D-E		9.69	169.01298	153.6482	87.21	3341.83	3038.026	4#8+3#9	6#8	
ϕVc	ϕVs	Estribo	2R (cm)						p arriba	0.0060
37.16	50.05	E#4 C/	17						p abajo	0.0052

Tabla 11 Reforzamiento de vigas de cimentación

VC	b	h	Requerido		Diseño		Requerido				
			Acero Superior	Acero Inferior	En Nudos mm2					Al centro de la luz mm2	
VC2 1-2	0.7	0.85	7#9	6#9	#4/0.09	2867	1920	#4	0.13	#4	0.27
VC1 1-2	0.4	0.6	2#9	3#7	#3/0.14	1014	68	#3	0.60	#3	0.60
VC4 1-2	0.7	0.9	9#9	8#9	#4/0.11	2345	1399	#4	0.18	#4	0.37
VC5 1-2	0.5	0.7	6#9	5#9	#4/0.14	1843	896	#3	0.16	#3	0.32
VC4 2-3	0.5	0.7	3#8	2#9	#4/0.17	1433	487	#3	0.29	#3	0.58
VC4 4-3	0.5	0.6	2#6	2#5	#3/0.14	1014	68	#3	0.60	#3	0.60
VC5 2-3	0.5	0.6	2#9	2#9	#3/0.14	1014	68	#3	0.60	#3	0.60
VC5 4-3	0.5	0.6	2#5	2#4	#3/0.14	1014	68	#3	0.60	#3	0.60
VC6 2-3	0.3	0.4	2#4	2#4	#3/0.11	1291	344	#3	0.41	#3	0.83
VC6 4-3	0.3	0.4	2#4	2#4	#3/0.09	1775	828	#3	0.17	#3	0.34
VC3 4-3	0.3	0.5	2#4	2#4	#3/0.11	1291	344	#3	0.41	#3	0.83
VC7 C-D	0.5	0.6	3#8	2#9	#3/0.14	1014	68	#3	0.60	#3	0.60
VC7 D-E	0.5	0.6	5#9	3#8+2#9	#3/0.14	1014	68	#3	0.60	#3	0.60
VC8 D-C	0.5	0.6	2#5	2#4	#3/0.14	1014	68	#3	0.60	#3	0.60
VC8 D-E	0.6	0.8	3#8+3#9	2#8+3#9	#4/0.20	1290	343	#3	0.41	#3	0.80
VC9 D-C	0.5	0.7	2#9	2#8	#4/0.17	1433	487	#3	0.29	#3	0.58
VC9 D-E	0.7	0.9	8#8+2#9	8#8+1#9	#4/0.11	1291	344	#4	0.75	#4	1.50
VC10 A-B	0.3	0.5	2#4	2#4	#3/0.11	2345	1399	#3	0.18	#3	0.37
VC10 C-D	0.7	0.9	8#9	7#9	#4/0.14	1843	896	#4	0.29	#4	0.58
VC10 D-E	0.7	0.9	4#8+3#9	6#8	#4/0.17	1518	571	#4	0.45	#4	0.90

Fuente. Elaboración INDESCO SAS BIC, julio 2023

18. COMENTARIOS

De acuerdo con los resultados obtenidos en el diseño del reforzamiento y presentado en este informe, se menciona lo siguiente:

- Para el desarrollo del diseño del reforzamiento estructural se tomó como base la información suministrada en relación al levantamiento estructural y topográfico, así como la información obtenida del estudio de patología y de suelos.
- En los casos en donde se presentó ausencia de información correspondiente al levantamiento estructural de los elementos tales como vigas, viguetas, espesores de losa y separaciones, al igual que incertidumbre en la información existente en lo relacionado a geometrías de cimentación, espesores y acero existente de los elementos, se complemento con la información presentada en los planos estructurales del diseño inicial.
- Para el caso del avalúo de cargas, al presentar ausencia de información en la losa de entrepiso, se consideró la condición más desfavorable para el presente análisis.
- De acuerdo con lo evidenciado, existentes unos elementos de vigas en el nivel 10.4 que presentan problemas de columna corta entre el nivel 10.4 y 12.1. por lo tanto, estos deben ser demolidos, lo cual se indica en los planos del reforzamiento estructural.
- Se modelo la estructura existente tal como está en sitio según la información suministrada y complementada con los planos del diseño original, presentando inicialmente problemas de deformaciones excesivas en el eje E1 y por ende incumplimiento con el numeral A.6.4 NSR-10 Límites de Deriva, por lo cual, se requirió diseñar un muro en este Eje en sentido del eje global Y con la finalidad de rigidizar la estructura y dar cumplimiento a la NSR-10.
- Según los resultados obtenidos en el diseño por cortante, el acero transversal existente evidenciado tanto en columnas como en vigas se encuentra cumpliendo ante las combinaciones de resistencia ultima; sin embargo, se requirió reforzar las secciones para dar cumplimento a las disposiciones sísmica de los numerales C.21.3.5.7 NSR-10, C.21.3.4.6 NSR-10 y C.21.3.4.8 NSR-10.
- Según los resultados obtenidos en el diseño por flexocompresión, se requirió hacer el reforzamiento de las columnas de los ejes B1, B2, D1, D2, E1 y E2 ya que estas no cumplían con la cuantía de acero requerida.
- Según los resultados obtenidos en el diseño por flexocompresión, se requirió hacer el reforzamiento de gran parte de las vigas ya que estas en algunos casos excedían la cuantía máxima permisible estipulada en el numeral C.10.5 NSR-10 o estas no cumplían con la cuantía de acero requerida.

- En cuanto a los muros portantes, se presenta el diseño del muro nuevo requerido para rigidizar la estructura, al igual que se presenta el diseño del reforzamiento de los muros de la zona del ascensor ya que estos no cumplían ante las solicitaciones de fuerza cortante y momento flector en la base.
- Se presenta el chequeo de las viguetas de la losa de entrepiso, las cuales cumplen ante las cargas de resistencia ultima y cumplen por cuantía mínima.
- En cuanto a la cimentación, se presenta aumento en el área de las secciones de forma considerable debido a que estas no cumplen por esfuerzos admisibles ante las cargas de servicio.
- Las cimentaciones combinadas existentes aparte de no cumplir por esfuerzos admisible presentaban excentricidades, ya que el centro de carga y de gravedad no coincidían y por lo tanto la probabilidad de presentarse asentamientos diferenciales considerables a futuro era bastante alta. Por lo mencionado anteriormente se ajusta la geometría de estas para reducir las excentricidades en las cimentaciones.
- En la zona del foso del ascensor no se evidencia según los planos estructurales iniciales la cimentación de este, por lo que se realizó un diseño de losa de cimentación en esta zona.
- Se requirió aumentar el espesor de las cimentaciones ya que estas no cumplían por solicitaciones de cortante con el espesor existente.
- Realizando el diseño de reforzamiento de las vigas de cimentación, llama la atención que en el diseño inicial se presenta una sección genérica de 30x40 y cuya base ni siquiera logra amarrar las columnas existentes, a esto se tiene en cuenta las grandes luces que tienen estas y las considerables cargas que bajan por algunas columnas debido a la configuración de la estructura, en especial en los Ejes D1 y D2.

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19. CONCLUSIONES Y RECOMENDACIONES

De acuerdo con el análisis y estudio realizado se encuentra que la estructura propuesta, cuenta con la capacidad de resistir temblores leves sin daños, y temblores fuertes sin colapso, cumpliendo con los requisitos que exige la NSR-10, como se observa en las memorias de cálculo y en los planos estructurales.

Se deben tener muy en cuenta y obedecer fielmente las notas presentadas en planos, en especial en lo referente a recubrimientos del acero y dimensiones de los elementos estructurales, para evitar daños en la estructura y otros problemas como corrosión y fisuración entre otros. Así como las indicaciones dadas por el geotecnista.

El concreto debe ser curado muy bien durante mínimo los primeros 7 días, manteniéndolo húmedo.

Una vez realizado el análisis estructural ha sido demostrado que la edificación en las condiciones de diseño planteadas es apta para asumir las cargas calculadas en el documento, por lo tanto, su diseño se encuentra dentro de los parámetros de la NSR -10, el diseño contemplo el único uso según el grupo de clasificación "Edificio Gubernamental", por lo que, para un cambio de uso, se debe solicitar un ajuste estructural.

El diseño no contempla ampliaciones adicionales, por lo que en caso de realizarlas se exonera al diseñador y a la empresa de diseño de afectaciones que se deduzcan de estas.

En caso de que alguno de los elementos estructurales no corresponda con lo indicado en los planos o memorias se debe dar aviso al ingeniero diseñador para la verificación del mismo y su análisis, así mismo si alguno de los procedimientos constructivos no es lo suficientemente claro se debe indicar al ingeniero estructural para claridad o contactar con profesionales facultados en la construcción.

Los daños deducidos de la CONSTRUCCIÓN no son responsabilidad del ingeniero diseñador, los procedimientos constructivos y la seguridad del personal recaen sobre el constructor y/o los propietarios.

Las omisiones de las recomendaciones de elementos a reforzar exoneran al ingeniero diseñador de los daños provocados por la no intervención.

Aunque por el impacto de la construcción no es requerido la supervisión técnica profesional, el constructor debe asegurarse con cumplir las normas mínimas de seguridad y de materiales.

Se deben seguir fielmente los criterios y especificaciones presentes en los planos y memorias de cálculo, cualquier modificación debe ser consultada con el profesional que realiza la coordinación del presente estudio. Además de cualquier inquietud o sugerencia para realizar de una mejor forma el diseño de las estructuras.

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