ANEJO 19. CÁLCULO ESTRUCTURAS

PROYECTO DE DIGITALIZACIÓN Y SISTEMA DE TELEMANDO REMOTO EN EL CANAL DE ARAGÓN Y CATALUÑA (HUESCA/LÉRIDA).

Documento nº1. MEMORIA Y ANEJOS

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GOBIERNO DE ESPAÑA
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SOCIEDAD MERCANTIL ESTATAL DE INFRAESTRUCTURAS AGRARIAS

COMUNIDAD GENERAL CANAL ARAGÓN Y CATALUÑA

PRODIA INGENIERIA

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1. INTRODUCCIÓN

Para el cálculo de estructuras del actual proyecto de "Digitalización y sistema de telemando remoto en el Canal de Aragón y Cataluña" se han tenido en cuenta cinco Estudios Geológico-Geotécnicos elaborados con anterioridad para los *"Proyectos de balsas de gestión y tuberías directas y balsas de la zona regable del Canal de Aragón y Cataluña (Huesca-Lérida)"*, en el mismo ámbito de actuación del presente proyecto.

Las localizaciones de los terrenos objeto de dichos Estudios son:

- Balsa de la toma 3, en el término municipal de Tamarite de Litera (Huesca).
- Balsa de la toma 10, en el término municipal de la Albelda (Huesca).
- Balsa de la toma 11, en el término municipal de Esplús (Huesca).
- Balsa de la toma 15, en el término municipal de Zaidín (Huesca).
- Balsa de la toma 24, en el término municipal de Fraga (Huesca).

Para estar del lado de la seguridad, en el presente Anejo se utilizarán las características de los suelos más desfavorables, quedando de esta forma garantizada la estabilidad de las estructuras proyectadas.

El presente Proyecto contempla la ejecución de 10 arquetas para alojar los elementos necesarios para monitorizar las pequeñas tomas del Canal (tomas contador). Estos elementos están descritos en el Anejo nº6 Tomas. Se contemplan dos tipos de arquetas:

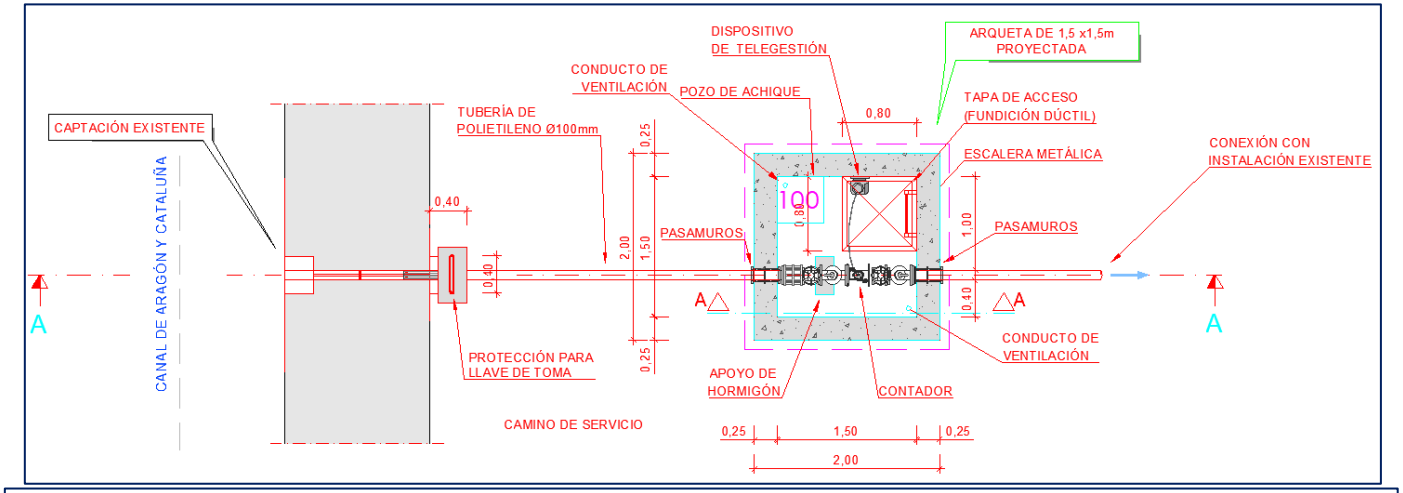
- Arqueta de medidas interiores libres 1,5 x 1,5 m y 2,45 m de profundidad (arqueta tipo **1**).
- Arqueta de medidas interiores libres 2,0 x 2,0 m y 3,5 m de profundidad (arqueta tipo 2).

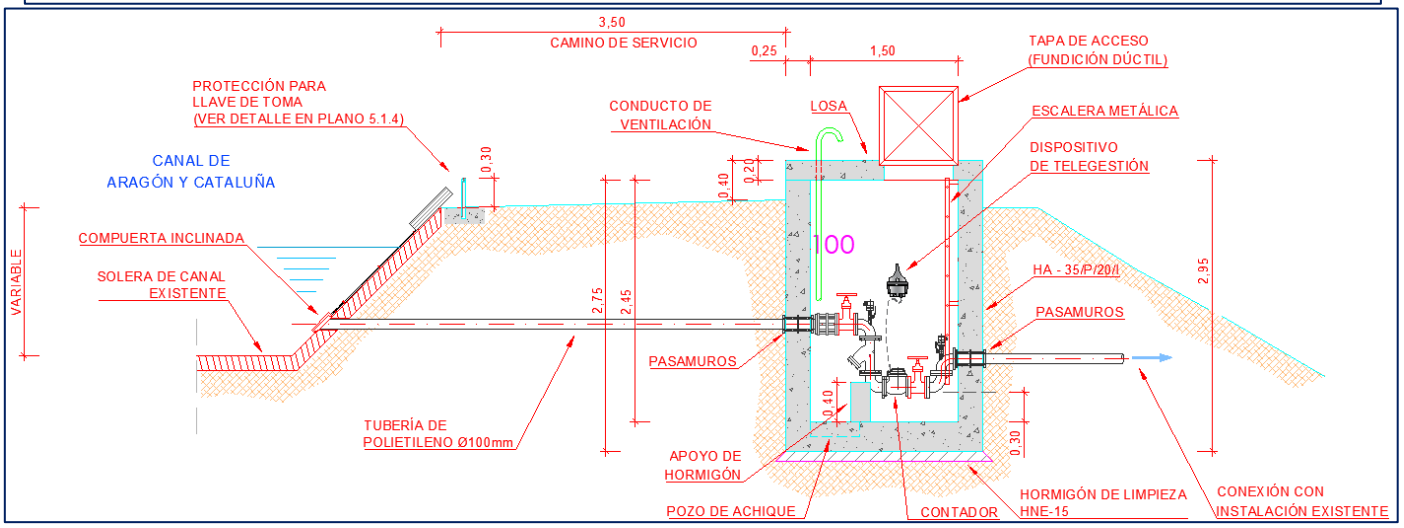
2. ARQUETA TIPO 1

La arqueta Tipo 1 tiene de medidas interiores libres 1,5 x 1,5 m y 2,45 m de profundidad.

Las arquetas serán de hormigón sulforresistente HA-35/B/20/I y dispondrán de una tapa de fundición dúctil y escalera de acero galvanizado con barandilla para el acceso a la misma. El acero a emplear será del tipo B-500S.

2.1. PLANTA Y SECCIÓN ARQUETA TIPO 1





2.2. PARÁMETROS DE CÁLCULO

Hipótesis de carga consideradas:

TERRENO:

- Densidad de 20 KN/m3
- No cohesivo
- Ángulo de rozamiento máximo de 29º
- Tensión máxima admisible de 1,7 kg/cm2
- Rigidez frente a deformación de 55000 KN/m/m2
- Hasta cota superior

NIVEL FREÁTICO (NF):

- Hasta cota superior

INTERIOR DE ARQUETA LLENO DE AGUA (AGUA INT):

- Hasta cota superior

SOBRECARGA DE TRÁFICO EN EL EXTERIOR (SC EXT):

- Carga máxima 15 KN/m2

Normativa considerada: Código Estructural, aprobado por el RD 470/2021

Programas informáticos utilizados:

- SAP 2000 v.22.0.0
- Prontuario Informático del Hormigón Estructural
- CYPE

2.3. COMPROBACIÓN DE LA ESTRUCTURA

MODELO GEOMÉTRICO

Esta sección proporciona información sobre la geometría del modelo, incluidos elementos como coordenadas de unión, restricciones de unión y conectividad de elementos.

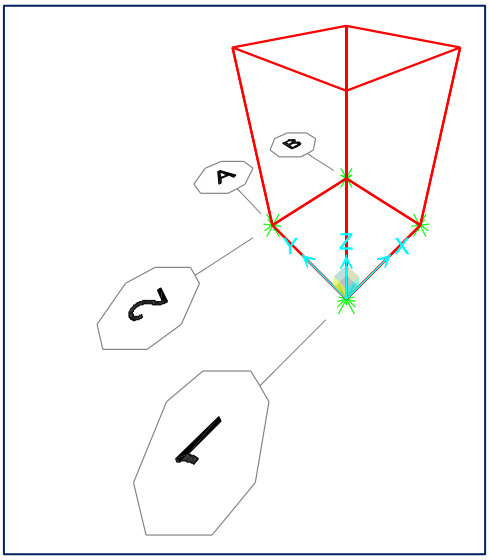


Figure 1: Finite element model

COORDENADAS DE LAS UNIONES

Table 1: Joint Coordinates

Joint	CoordSys	CoordType	GlobalX	GlobalY	GlobalZ
			m	m	m
1	GLOBAL	Cartesian	0.	1.5	2.45
2	GLOBAL	Cartesian	1.5	1.5	2.45
3	GLOBAL	Cartesian	0.	0.	2.45
4	GLOBAL	Cartesian	1.5	0.	2.45
2042	GLOBAL	Cartesian	0.	1.5	0.
2043	GLOBAL	Cartesian	1.5	1.5	0.
2044	GLOBAL	Cartesian	1.5	0.	0.
2045	GLOBAL	Cartesian	0.	0.	0.

RESTRICCIONES DE LAS UNIONES

Table 2: Joint Restraint Assignments

Joint	U1	U2	U3	R1	R2	R3
2042	Yes	Yes	No	No	No	No
2043	Yes	Yes	No	No	No	No
2044	Yes	Yes	No	No	No	No
2045	Yes	Yes	No	No	No	No

CONECTIVIDAD DE ELEMENTOS

Table 3: Connectivity - Area

Area	Joint1	Joint2	Joint3	Joint4
2012	2042	2045	2044	2043
2114	1	**3**	2045	2042
2214	3	4	2044	2045
2314	2042	2043	2	1
2414	4	2	2043	2044

PROPIEDADES DE LOS MATERIALES

Esta sección proporciona información sobre las propiedades de los materiales utilizados en el modelo.

Table 5: Material Properties 02 - Basic Mechanical Properties

Material	UnitWeight	UnitMass	E1	G12	U12	A1
	KN/m3	KN-s2/m4	KN/m2	KN/m2		1/C
B500	7.6973E+01	7.8490E+00	199947978.8			1.1700E-05
HA-35	2.4993E+01	2.5485E+00	33577729.38	13990720.58	0.2	5.5000E-06

Table 7: Material Properties 03b - Concrete Data

Material	Fc	eFc	FinalSlope
	KN/m2	KN/m2	
HA-35	35000.	35000.	-0.1

Table 8: Material Properties 03e - Rebar Data

Material	Fy	Fu	FinalSlope
	KN/m2	KN/m2	
B500	500000.	550000.	-0.1

PROPIEDADES DE LAS SECCIONES

A continuación se muestra información sobre las propiedades de las secciones para los objetos utilizados en el modelo.

ÁREAS

Table 11: Area Section Properties, Part 1 of 3

Section	Material	AreaType	Type	DrillDOF	Thickness	BendThick	F11Mod
					m	m	
LOSA30	HA-35	Shell	Shell-Thin	Yes	0.3	0.3	1.
MUROS25	HA-35	Shell	Shell-Thin	Yes	0.25	0.25	1.

Table 11: Area Section Properties, Part 2 of 3

Section	F22Mod	F12Mod	M11Mod	M22Mod	M12Mod	V13Mod	V23Mod
LOSA30	1.	1.	1.	1.	1.	1.	1.
MUROS25	1.	1.	1.	1.	1.	1.	1.

Table 11: Area Section Properties, Part 3 of 3

Section	MMod	WMod
LOSA30	1.	1.
MUROS25	1.	1.

Table 4: Area Section Assignments

Area	Section	MatProp
2012	LOSA30	Default

Table 4: Area Section Assignments

Area	Section	MatProp
2114	MUROS25	Default
2214	MUROS25	Default
2314	MUROS25	Default
2414	MUROS25	Default

Table: Area Auto Mesh Assignments, Part 1 of 2

Area	MeshType	MeshGroup	Max1	Max2	LocalEdge	LocalFace	SuppEdge
			m	m			
2012	Maximum Size	ALL	1.	1.	No	No	No
2114	Maximum Size	ALL	1.	1.	No	No	No
2214	Maximum Size	ALL	1.	1.	No	No	No
2314	Maximum Size	ALL	1.	1.	No	No	No
2414	Maximum Size	ALL	1.	1.	No	No	No

Table: Area Auto Mesh Assignments, Part 2 of 2

Area	SuppFace	SubMesh
2012	No	No
2114	No	No
2214	No	No
2314	No	No
2414	No	No

Table: Area Edge Constraint Assignments

Area	Constrained
2012	Yes
2114	Yes
2214	Yes
2314	Yes
2414	Yes

Table: Area Section Assignments

Area	Section	MatProp
2012	LOSA30	Default
2114	MUROS25	Default
2214	MUROS25	Default
2314	MUROS25	Default
2414	MUROS25	Default

Table: Area Spring Assignments

Area	Type	Stiffness	SimpleType	Face	Dir1Type	NormalDir
		KN/m/m2				
2012	Simple	55000.	Compression Only	Bottom	Normal To Face	Outward

PATRONES DE CARGAS

Esta sección proporciona información de las cargas aplicadas al modelo.

DEFINICIONES

Table 13: Load Pattern Definitions

LoadPat	DesignType	SelfWtMult	AutoLoad
DEAD	Dead	1.	
TERRENO	Live	0.	

CASOS DE CARGAS

Esta sección proporciona información sobre casos de carga.

DEFINICIONES

Table 14: Load Case Definitions, Part 1 of 2

Case	Type	InitialCond	ModalCase	BaseCase	MassSource	DesActOpt
DEAD	LinStatic	Zero				Prog Det
TERRENO	LinStatic	Zero				Prog Det
NF	LinStatic	Zero				Prog Det
SC	LinStatic	Zero				Prog Det
AGUA INT	LinStatic	Zero				Prog Det

Table 14: Load Case Definitions, Part 2 of 2

Case	DesignAct
DEAD	Non-Composite
TERRENO	Short-Term Composite
NF	Short-Term Composite
SC	Short-Term Composite
AGUA INT	Short-Term Composite

ASIGNACIÓN DE CARGAS AÉREAS

Table: Area Loads - Surface Pressure

Area	LoadPat	Face	Pressure KN/m2	JtPattern
2012	AGUA INT	Top	1.	AGUA INT
2012	NF	Bottom	1.	NF
2114	AGUA INT	Top	1.	AGUA INT
2114	NF	Bottom	1.	NF
2114	TERRENO	Bottom	0.35	EMPUJE TERRENO
2214	AGUA INT	Top	1.	AGUA INT
2214	NF	Bottom	1.	NF
2214	TERRENO	Bottom	0.35	EMPUJE TERRENO
2314	AGUA INT	Top	1.	AGUA INT
2314	NF	Bottom	1.	NF
2314	TERRENO	Bottom	0.35	EMPUJE TERRENO
2414	AGUA INT	Top	1.	AGUA INT
2414	NF	Bottom	1.	NF
2414	TERRENO	Bottom	0.35	EMPUJE TERRENO

Table: Area Loads - Uniform

Area	LoadPat	CoordSys	Dir	UnifLoad KN/m2
2012	SC	GLOBAL	Gravity	15.

COMBINACIONES DE CARGAS

Esta sección proporciona información sobre las combinaciones de cargas.

Table 17: Combination Definitions

ComboName	ComboType	CaseName	ScaleFactor
COMB1	Linear Add	DEAD	1.35
COMB1		TERRENO	1.5
COMB1		NF	1.5
COMB2	Linear Add	DEAD	1.35
COMB2		SC	1.5
COMB2		AGUA INT	1.5
ENVELOPE	Envelope	COMB1	1.
ENVELOPE		COMB2	1.

RESULTADOS

Esta sección proporciona resultados de la estructura, incluidos elementos como períodos estructurales y reacciones de base.

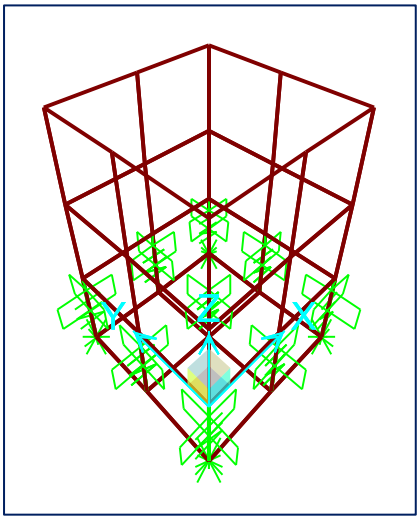


Figure 2: Deformed shape

REACCIONES DE LA BASE

Table 19: Base Reactions

OutputCase	GlobalFX	GlobalFY	GlobalFZ	GlobalMX	GlobalMY	GlobalMZ
	KN	KN	KN	KN-m	KN-m	KN-m
DEAD	-1.896E-12	-1.896E-12	108.718	81.5384	-81.5384	3.656E-12
TERRENO	3.553E-15	2.665E-15	1.193E-14	1.185E-14	-7.075E-15	1.776E-15
NF	5.222E-13	1.266E-12	-55.125	-41.3437	41.3437	-1.260E-12
SC	-8.332E-13	-6.771E-13	33.75	25.3125	-25.3125	1.361E-12
AGUA INT	-5.222E-13	-1.266E-12	55.125	41.3437	-41.3437	1.260E-12

RESULTADOS DE LAS UNIONES

Esta sección proporciona resultados de las uniones, incluidos elementos como desplazamientos y reacciones.

Table 20: Joint Displacements

Joint	OutputCase	U1	U2	U3	R1	R2	R3
		m	m	m	Radians	Radians	Radians
1	DEAD	-3.094E-09	3.094E-09	-0.000883	-9.291E-08	-9.291E-08	-9.622E-19
1	TERRENO	-5.793E-08	5.793E-08	4.954E-07	-6.119E-07	-6.119E-07	0.
1	NF	-8.275E-08	8.275E-08	0.000446	-8.741E-07	-8.741E-07	3.896E-19
1	SC	-9.798E-17	4.736E-17	-0.000273	-1.935E-17	-4.055E-17	-1.931E-19
1	AGUA INT	8.275E-08	-8.275E-08	-0.000446	8.741E-07	8.741E-07	-3.896E-19
2	DEAD	3.094E-09	3.094E-09	-0.000883	-9.291E-08	9.291E-08	-5.963E-19
2	TERRENO	5.793E-08	5.793E-08	4.954E-07	-6.119E-07	6.119E-07	0.
2	NF	8.275E-08	8.275E-08	0.000446	-8.741E-07	8.741E-07	3.524E-19
2	SC	-9.788E-17	4.586E-17	-0.000273	-1.865E-17	-4.001E-17	-1.355E-19
2	AGUA INT	-8.275E-08	-8.275E-08	-0.000446	8.741E-07	-8.741E-07	-3.524E-19
3	DEAD	-3.094E-09	-3.094E-09	-0.000883	9.291E-08	-9.291E-08	-2.167E-19
3	TERRENO	-5.793E-08	-5.793E-08	4.954E-07	6.119E-07	-6.119E-07	0.
3	NF	-8.275E-08	-8.275E-08	0.000446	8.741E-07	-8.741E-07	1.161E-19
3	SC	-9.685E-17	4.731E-17	-0.000273	-1.949E-17	-3.934E-17	-8.404E-20
3	AGUA INT	8.275E-08	8.275E-08	-0.000446	-8.741E-07	8.741E-07	-1.161E-19
4	DEAD	3.094E-09	-3.094E-09	-0.000883	9.291E-08	9.291E-08	-1.914E-19
4	TERRENO	5.793E-08	-5.793E-08	4.954E-07	6.119E-07	6.119E-07	0.
4	NF	8.275E-08	-8.275E-08	0.000446	8.741E-07	8.741E-07	1.364E-19
4	SC	-9.686E-17	4.586E-17	-0.000273	-1.867E-17	-3.974E-17	-1.109E-19
4	AGUA INT	-8.275E-08	8.275E-08	-0.000446	-8.741E-07	-8.741E-07	-1.364E-19
2042	DEAD	0.	0.	-0.000882	-3.050E-06	-3.050E-06	5.830E-20
2042	TERRENO	0.	0.	5.709E-07	1.199E-06	1.199E-06	0.
2042	NF	0.	0.	0.000446	1.713E-06	1.713E-06	-2.515E-20
2042	SC	0.	0.	-0.000273	-1.928E-17	-3.941E-17	2.308E-20
2042	AGUA INT	0.	0.	-0.000446	-1.713E-06	-1.713E-06	2.515E-20
2043	DEAD	0.	0.	-0.000882	-3.050E-06	3.050E-06	3.650E-20
2043	TERRENO	0.	0.	5.709E-07	1.199E-06	-1.199E-06	0.
2043	NF	0.	0.	0.000446	1.713E-06	-1.713E-06	-1.209E-20
2043	SC	0.	0.	-0.000273	-1.884E-17	-3.995E-17	0.
2043	AGUA INT	0.	0.	-0.000446	-1.713E-06	1.713E-06	1.209E-20
2044	DEAD	0.	0.	-0.000882	3.050E-06	3.050E-06	-1.423E-19
2044	TERRENO	0.	0.	5.709E-07	-1.199E-06	-1.199E-06	0.
2044	NF	0.	0.	0.000446	-1.713E-06	-1.713E-06	6.776E-20
2044	SC	0.	0.	-0.000273	-1.919E-17	-3.985E-17	-3.896E-20
2044	AGUA INT	0.	0.	-0.000446	1.713E-06	1.713E-06	-6.776E-20
2045	DEAD	0.	0.	-0.000882	3.050E-06	-3.050E-06	7.146E-20
2045	TERRENO	0.	0.	5.709E-07	-1.199E-06	1.199E-06	0.
2045	NF	0.	0.	0.000446	-1.713E-06	1.713E-06	-5.608E-20
2045	SC	0.	0.	-0.000273	-1.954E-17	-3.925E-17	2.825E-20
2045	AGUA INT	0.	0.	-0.000446	1.713E-06	-1.713E-06	5.608E-20
~1	DEAD	9.690E-08	4.764E-20	-0.00088	-6.131E-17	-9.839E-06	-1.639E-20
~1	TERRENO	3.867E-07	0.	1.149E-07	-8.339E-20	2.771E-06	0.
~1	NF	5.524E-07	-2.429E-20	0.000446	3.125E-17	3.959E-06	1.011E-20
~1	SC	0.	1.473E-20	-0.000273	-1.908E-17	-3.899E-17	0.
~1	AGUA INT	-5.524E-07	2.429E-20	-0.000446	-3.125E-17	-3.959E-06	-1.011E-20
~2	DEAD	0.	1.246E-20	-0.000873	-6.150E-17	-1.284E-16	-1.502E-19
~2	TERRENO	0.	0.	-8.008E-07	-8.313E-20	-5.443E-20	0.
~2	NF	0.	0.	0.000444	3.135E-17	6.485E-17	7.480E-20
~2	SC	0.	0.	-0.000273	-1.913E-17	-3.974E-17	-4.646E-20
~2	AGUA INT	0.	0.	-0.000444	-3.135E-17	-6.485E-17	-7.480E-20
~3	DEAD	1.817E-19	-9.690E-08	-0.00088	-9.839E-06	-1.287E-16	-1.130E-19

Table 20: Joint Displacements

Joint	OutputCase	U1	U2	U3	R1	R2	R3
		m	m	m	Radians	Radians	Radians
~3	TERRENO	0.	-3.867E-07	1.149E-07	2.771E-06	-5.375E-20	0.
~3	NF	-6.396E-20	-5.524E-07	0.000446	3.959E-06	6.484E-17	3.248E-20
~3	SC	6.094E-20	1.525E-20	-0.000273	-1.858E-17	-3.975E-17	-3.890E-20
~3	AGUA INT	6.396E-20	5.524E-07	-0.000446	-3.959E-06	-6.484E-17	-3.248E-20
~4	DEAD	-9.690E-08	6.289E-20	-0.00088	-6.061E-17	9.839E-06	1.039E-19
~4	TERRENO	-3.867E-07	0.	1.149E-07	-8.377E-20	-2.771E-06	0.
~4	NF	-5.524E-07	-3.205E-20	0.000446	3.090E-17	-3.959E-06	-5.213E-20
~4	SC	1.658E-20	1.939E-20	-0.000273	-1.886E-17	-4.039E-17	3.207E-20
~4	AGUA INT	5.524E-07	3.205E-20	-0.000446	-3.090E-17	3.959E-06	5.213E-20
~5	DEAD	-5.421E-20	9.690E-08	-0.00088	9.839E-06	-1.278E-16	0.
~5	TERRENO	0.	3.867E-07	1.149E-07	-2.771E-06	-5.396E-20	0.
~5	NF	3.426E-20	5.524E-07	0.000446	-3.959E-06	6.437E-17	2.044E-20
~5	SC	-2.033E-20	0.	-0.000273	-1.951E-17	-3.947E-17	0.
~5	AGUA INT	-3.426E-20	-5.524E-07	-0.000446	3.959E-06	-6.437E-17	-2.044E-20
~6	DEAD	6.179E-08	1.521E-16	-0.000883	-6.245E-17	-3.229E-08	3.920E-18
~6	TERRENO	3.545E-07	2.049E-19	7.414E-07	-8.364E-20	-2.230E-06	0.
~6	NF	5.065E-07	-7.750E-17	0.000447	3.183E-17	-3.185E-06	-1.985E-18
~6	SC	-9.746E-17	4.731E-17	-0.000273	-1.943E-17	-3.978E-17	1.211E-18
~6	AGUA INT	-5.065E-07	7.750E-17	-0.000447	-3.183E-17	3.185E-06	1.985E-18
~7	DEAD	-6.588E-08	1.013E-16	-0.000883	-6.171E-17	6.065E-07	1.477E-18
~7	TERRENO	2.380E-06	1.368E-19	6.884E-07	-8.310E-20	-2.852E-06	0.
~7	NF	3.401E-06	-5.162E-17	0.000446	3.145E-17	-4.074E-06	-7.494E-19
~7	SC	-6.489E-17	3.151E-17	-0.000273	-1.920E-17	-3.990E-17	4.561E-19
~7	AGUA INT	-3.401E-06	5.162E-17	-0.000446	-3.145E-17	4.074E-06	7.494E-19
~8	DEAD	-4.575E-08	4.575E-08	-0.000883	2.842E-07	2.842E-07	-5.194E-19
~8	TERRENO	4.820E-07	-4.820E-07	4.560E-07	-7.224E-07	-7.224E-07	0.
~8	NF	6.886E-07	-6.886E-07	0.000446	-1.032E-06	-1.032E-06	3.237E-19
~8	SC	-6.507E-17	3.150E-17	-0.000273	-1.959E-17	-4.020E-17	-1.423E-19
~8	AGUA INT	-6.886E-07	6.886E-07	-0.000446	1.032E-06	1.032E-06	-3.237E-19
~9	DEAD	-1.095E-06	5.067E-17	-0.000882	-6.286E-17	1.947E-06	3.595E-19
~9	TERRENO	3.641E-06	6.843E-20	3.749E-07	-8.374E-20	1.799E-06	0.
~9	NF	5.202E-06	-2.582E-17	0.000446	3.203E-17	2.570E-06	-1.818E-19
~9	SC	-3.236E-17	1.576E-17	-0.000273	-1.955E-17	-3.982E-17	1.110E-19
~9	AGUA INT	-5.202E-06	2.582E-17	-0.000446	-3.203E-17	-2.570E-06	1.818E-19
~10	DEAD	-5.408E-07	5.408E-07	-0.000882	8.150E-07	8.150E-07	-4.653E-19
~10	TERRENO	8.118E-07	-8.118E-07	4.877E-07	3.231E-07	3.231E-07	0.
~10	NF	1.160E-06	-1.160E-06	0.000446	4.616E-07	4.616E-07	2.952E-19
~10	SC	-3.237E-17	1.573E-17	-0.000273	-1.911E-17	-3.996E-17	-1.905E-19
~10	AGUA INT	-1.160E-06	1.160E-06	-0.000446	-4.616E-07	-4.616E-07	-2.952E-19
~11	DEAD	-4.575E-08	-4.575E-08	-0.000883	-2.842E-07	2.842E-07	-3.040E-19
~11	TERRENO	4.820E-07	4.820E-07	4.560E-07	7.224E-07	-7.224E-07	0.
~11	NF	6.886E-07	6.886E-07	0.000446	1.032E-06	-1.032E-06	1.040E-19
~11	SC	-6.469E-17	3.151E-17	-0.000273	-1.925E-17	-3.941E-17	-1.308E-19
~11	AGUA INT	-6.886E-07	-6.886E-07	-0.000446	-1.032E-06	1.032E-06	-1.040E-19
~12	DEAD	-5.408E-07	-5.408E-07	-0.000882	-8.150E-07	8.150E-07	-1.689E-19
~12	TERRENO	8.118E-07	8.118E-07	4.877E-07	-3.231E-07	3.231E-07	0.
~12	NF	1.160E-06	1.160E-06	0.000446	-4.616E-07	4.616E-07	5.635E-20
~12	SC	-3.232E-17	1.577E-17	-0.000273	-1.900E-17	-3.982E-17	-4.679E-20
~12	AGUA INT	-1.160E-06	-1.160E-06	-0.000446	4.616E-07	-4.616E-07	-5.635E-20
~13	DEAD	-3.135E-16	6.179E-08	-0.000883	3.229E-08	-1.266E-16	-4.561E-18
~13	TERRENO	-1.336E-19	3.545E-07	7.414E-07	2.230E-06	-5.454E-20	0.
~13	NF	1.582E-16	5.065E-07	0.000447	3.185E-06	6.393E-17	2.333E-18
~13	SC	-9.685E-17	4.657E-17	-0.000273	-1.890E-17	-3.910E-17	-1.382E-18
~13	AGUA INT	-1.582E-16	-5.065E-07	-0.000447	-3.185E-06	-6.393E-17	-2.333E-18
~14	DEAD	-2.093E-16	-6.588E-08	-0.000883	-6.065E-07	-1.284E-16	-2.481E-18

Table 20: Joint Displacements

Joint	OutputCase	U1	U2	U3	R1	R2	R3
		m	m	m	Radians	Radians	Radians
~14	TERRENO	-8.925E-20	2.380E-06	6.884E-07	2.852E-06	-5.433E-20	0.
~14	NF	1.056E-16	3.401E-06	0.000446	4.074E-06	6.476E-17	1.244E-18
~14	SC	-6.466E-17	3.111E-17	-0.000273	-1.895E-17	-3.970E-17	-7.402E-19
~14	AGUA INT	-1.056E-16	-3.401E-06	-0.000446	-4.074E-06	-6.476E-17	-1.244E-18
~15	DEAD	-1.047E-16	-1.095E-06	-0.000882	-1.947E-06	-1.274E-16	-8.720E-19
~15	TERRENO	-4.476E-20	3.641E-06	3.749E-07	-1.799E-06	-5.485E-20	0.
~15	NF	5.283E-17	5.202E-06	0.000446	-2.570E-06	6.426E-17	4.238E-19
~15	SC	-3.235E-17	1.566E-17	-0.000273	-1.903E-17	-3.939E-17	-2.580E-19
~15	AGUA INT	-5.283E-17	-5.202E-06	-0.000446	2.570E-06	-6.426E-17	-4.238E-19
~16	DEAD	4.575E-08	-4.575E-08	-0.000883	-2.842E-07	-2.842E-07	-7.504E-20
~16	TERRENO	-4.820E-07	4.820E-07	4.560E-07	7.224E-07	7.224E-07	0.
~16	NF	-6.886E-07	6.886E-07	0.000446	1.032E-06	1.032E-06	2.195E-20
~16	SC	-6.463E-17	3.072E-17	-0.000273	-1.841E-17	-3.902E-17	-6.286E-20
~16	AGUA INT	6.886E-07	-6.886E-07	-0.000446	-1.032E-06	-1.032E-06	-2.195E-20
~17	DEAD	5.408E-07	-5.408E-07	-0.000882	-8.150E-07	-8.150E-07	-1.569E-19
~17	TERRENO	-8.118E-07	8.118E-07	4.877E-07	-3.231E-07	-3.231E-07	0.
~17	NF	-1.160E-06	1.160E-06	0.000446	-4.616E-07	-4.616E-07	5.888E-20
~17	SC	-3.242E-17	1.548E-17	-0.000273	-1.877E-17	-3.963E-17	-6.449E-20
~17	AGUA INT	1.160E-06	-1.160E-06	-0.000446	4.616E-07	4.616E-07	-5.888E-20
~18	DEAD	-1.051E-16	1.095E-06	-0.000882	1.947E-06	-1.290E-16	-9.120E-19
~18	TERRENO	-4.420E-20	-3.641E-06	3.749E-07	1.799E-06	-5.391E-20	0.
~18	NF	5.296E-17	-5.202E-06	0.000446	2.570E-06	6.493E-17	4.583E-19
~18	SC	-3.243E-17	1.552E-17	-0.000273	-1.914E-17	-3.982E-17	-2.500E-19
~18	AGUA INT	-5.296E-17	5.202E-06	-0.000446	-2.570E-06	-6.493E-17	-4.583E-19
~19	DEAD	-2.108E-16	6.588E-08	-0.000883	6.065E-07	-1.299E-16	-2.372E-18
~19	TERRENO	-8.771E-20	-2.380E-06	6.884E-07	-2.852E-06	-5.250E-20	0.
~19	NF	1.063E-16	-3.401E-06	0.000446	-4.074E-06	6.565E-17	1.201E-18
~19	SC	-6.508E-17	3.110E-17	-0.000273	-1.898E-17	-4.014E-17	-7.381E-19
~19	AGUA INT	-1.063E-16	3.401E-06	-0.000446	4.074E-06	-6.565E-17	-1.201E-18
~20	DEAD	-3.169E-16	-6.179E-08	-0.000883	-3.229E-08	-1.304E-16	-4.117E-18
~20	TERRENO	-1.309E-19	-3.545E-07	7.414E-07	-2.230E-06	-5.332E-20	0.
~20	NF	1.599E-16	-5.065E-07	0.000447	-3.185E-06	6.570E-17	2.112E-18
~20	SC	-9.795E-17	4.660E-17	-0.000273	-1.894E-17	-4.036E-17	-1.369E-18
~20	AGUA INT	-1.599E-16	5.065E-07	-0.000447	3.185E-06	-6.570E-17	-2.112E-18
~21	DEAD	5.408E-07	5.408E-07	-0.000882	8.150E-07	-8.150E-07	-2.250E-19
~21	TERRENO	-8.118E-07	-8.118E-07	4.877E-07	3.231E-07	-3.231E-07	0.
~21	NF	-1.160E-06	-1.160E-06	0.000446	4.616E-07	-4.616E-07	1.558E-19
~21	SC	-3.247E-17	1.541E-17	-0.000273	-1.886E-17	-3.984E-17	-7.444E-20
~21	AGUA INT	1.160E-06	1.160E-06	-0.000446	-4.616E-07	4.616E-07	-1.558E-19
~22	DEAD	4.575E-08	4.575E-08	-0.000883	2.842E-07	-2.842E-07	-3.225E-19
~22	TERRENO	-4.820E-07	-4.820E-07	4.560E-07	-7.224E-07	7.224E-07	0.
~22	NF	-6.886E-07	-6.886E-07	0.000446	-1.032E-06	1.032E-06	1.841E-19
~22	SC	-6.512E-17	3.072E-17	-0.000273	-1.850E-17	-4.004E-17	-1.120E-19
~22	AGUA INT	6.886E-07	6.886E-07	-0.000446	1.032E-06	-1.032E-06	-1.841E-19
~23	DEAD	-6.179E-08	1.473E-16	-0.000883	-5.861E-17	3.229E-08	3.510E-18
~23	TERRENO	-3.545E-07	2.059E-19	7.414E-07	-8.469E-20	2.230E-06	0.
~23	NF	-5.065E-07	-7.509E-17	0.000447	2.989E-17	3.185E-06	-1.775E-18
~23	SC	-9.736E-17	4.583E-17	-0.000273	-1.824E-17	-3.973E-17	1.084E-18
~23	AGUA INT	5.065E-07	7.509E-17	-0.000447	-2.989E-17	-3.185E-06	1.775E-18
~24	DEAD	6.588E-08	9.880E-17	-0.000883	-5.995E-17	-6.065E-07	1.709E-18
~24	TERRENO	-2.380E-06	1.366E-19	6.884E-07	-8.530E-20	2.852E-06	0.
~24	NF	-3.401E-06	-5.037E-17	0.000446	3.056E-17	4.074E-06	-8.672E-19
~24	SC	-6.491E-17	3.074E-17	-0.000273	-1.865E-17	-3.985E-17	5.280E-19
~24	AGUA INT	3.401E-06	5.037E-17	-0.000446	-3.056E-17	-4.074E-06	8.672E-19
~25	DEAD	1.095E-06	4.968E-17	-0.000882	-6.041E-17	-1.947E-06	3.252E-19

Table 20: Joint Displacements

Joint	OutputCase	U1	U2	U3	R1	R2	R3
		m	m	m	Radians	Radians	Radians
~25	TERRENO	-3.641E-06	6.789E-20	3.749E-07	-8.345E-20	-1.799E-06	0.
~25	NF	-5.202E-06	-2.533E-17	0.000446	3.080E-17	-2.570E-06	-1.654E-19
~25	SC	-3.249E-17	1.546E-17	-0.000273	-1.880E-17	-3.957E-17	1.005E-19
~25	AGUA INT	5.202E-06	2.533E-17	-0.000446	-3.080E-17	2.570E-06	1.654E-19
2042~Link	DEAD	0.	0.	0.	0.	0.	0.
2042~Link	TERRENO	0.	0.	0.	0.	0.	0.
2042~Link	NF	0.	0.	0.	0.	0.	0.
2042~Link	SC	0.	0.	0.	0.	0.	0.
2042~Link	AGUA INT	0.	0.	0.	0.	0.	0.
~1~Link	DEAD	0.	0.	0.	0.	0.	0.
~1~Link	TERRENO	0.	0.	0.	0.	0.	0.
~1~Link	NF	0.	0.	0.	0.	0.	0.
~1~Link	SC	0.	0.	0.	0.	0.	0.
~1~Link	AGUA INT	0.	0.	0.	0.	0.	0.
~2~Link	DEAD	0.	0.	0.	0.	0.	0.
~2~Link	TERRENO	0.	0.	0.	0.	0.	0.
~2~Link	NF	0.	0.	0.	0.	0.	0.
~2~Link	SC	0.	0.	0.	0.	0.	0.
~2~Link	AGUA INT	0.	0.	0.	0.	0.	0.
~3~Link	DEAD	0.	0.	0.	0.	0.	0.
~3~Link	TERRENO	0.	0.	0.	0.	0.	0.
~3~Link	NF	0.	0.	0.	0.	0.	0.
~3~Link	SC	0.	0.	0.	0.	0.	0.
~3~Link	AGUA INT	0.	0.	0.	0.	0.	0.
~4~Link	DEAD	0.	0.	0.	0.	0.	0.
~4~Link	TERRENO	0.	0.	0.	0.	0.	0.
~4~Link	NF	0.	0.	0.	0.	0.	0.
~4~Link	SC	0.	0.	0.	0.	0.	0.
~4~Link	AGUA INT	0.	0.	0.	0.	0.	0.
2043~Link	DEAD	0.	0.	0.	0.	0.	0.
2043~Link	TERRENO	0.	0.	0.	0.	0.	0.
2043~Link	NF	0.	0.	0.	0.	0.	0.
2043~Link	SC	0.	0.	0.	0.	0.	0.
2043~Link	AGUA INT	0.	0.	0.	0.	0.	0.
2045~Link	DEAD	0.	0.	0.	0.	0.	0.
2045~Link	TERRENO	0.	0.	0.	0.	0.	0.
2045~Link	NF	0.	0.	0.	0.	0.	0.
2045~Link	SC	0.	0.	0.	0.	0.	0.
2045~Link	AGUA INT	0.	0.	0.	0.	0.	0.
~5~Link	DEAD	0.	0.	0.	0.	0.	0.
~5~Link	TERRENO	0.	0.	0.	0.	0.	0.
~5~Link	NF	0.	0.	0.	0.	0.	0.
~5~Link	SC	0.	0.	0.	0.	0.	0.
~5~Link	AGUA INT	0.	0.	0.	0.	0.	0.
2044~Link	DEAD	0.	0.	0.	0.	0.	0.
2044~Link	TERRENO	0.	0.	0.	0.	0.	0.
2044~Link	NF	0.	0.	0.	0.	0.	0.
2044~Link	SC	0.	0.	0.	0.	0.	0.
2044~Link	AGUA INT	0.	0.	0.	0.	0.	0.

Table 21: Joint Reactions

Joint	OutputCase	F1	F2	F3	M1	M2	M3
		KN	KN	KN	KN-m	KN-m	KN-m
2042	DEAD	-1.015	1.015	6.818	0.	0.	0.
2042	TERRENO	-1.76	1.76	-4.416E-03	0.	0.	0.
2042	NF	-2.515	2.515	-3.452	0.	0.	0.
2042	SC	-4.693E-13	-3.349E-13	2.109	0.	0.	0.
2042	AGUA INT	2.515	-2.515	3.452	0.	0.	0.
2043	DEAD	1.015	1.015	6.818	0.	0.	0.
2043	TERRENO	1.76	1.76	-4.416E-03	0.	0.	0.
2043	NF	2.515	2.515	-3.452	0.	0.	0.
2043	SC	-6.930E-13	-2.309E-13	2.109	0.	0.	0.
2043	AGUA INT	-2.515	-2.515	3.452	0.	0.	0.
2044	DEAD	1.015	-1.015	6.818	0.	0.	0.
2044	TERRENO	1.76	-1.76	-4.416E-03	0.	0.	0.
2044	NF	2.515	-2.515	-3.452	0.	0.	0.
2044	SC	2.409E-14	-5.922E-14	2.109	0.	0.	0.
2044	AGUA INT	-2.515	2.515	3.452	0.	0.	0.
2045	DEAD	-1.015	-1.015	6.818	0.	0.	0.
2045	TERRENO	-1.76	-1.76	-4.416E-03	0.	0.	0.
2045	NF	-2.515	-2.515	-3.452	0.	0.	0.
2045	SC	4.446E-13	-1.463E-14	2.109	0.	0.	0.
2045	AGUA INT	2.515	2.515	3.452	0.	0.	0.
~1	DEAD	0.	0.	13.611	0.	0.	0.
~1	TERRENO	0.	0.	-1.778E-03	0.	0.	0.
~1	NF	0.	0.	-6.893	0.	0.	0.
~1	SC	0.	0.	4.219	0.	0.	0.
~1	AGUA INT	0.	0.	6.893	0.	0.	0.
~2	DEAD	0.	0.	27.001	0.	0.	0.
~2	TERRENO	0.	0.	0.025	0.	0.	0.
~2	NF	0.	0.	-13.746	0.	0.	0.
~2	SC	0.	0.	8.437	0.	0.	0.
~2	AGUA INT	0.	0.	13.746	0.	0.	0.
~3	DEAD	0.	0.	13.611	0.	0.	0.
~3	TERRENO	0.	0.	-1.778E-03	0.	0.	0.
~3	NF	0.	0.	-6.893	0.	0.	0.
~3	SC	0.	0.	4.219	0.	0.	0.
~3	AGUA INT	0.	0.	6.893	0.	0.	0.
~4	DEAD	0.	0.	13.611	0.	0.	0.
~4	TERRENO	0.	0.	-1.778E-03	0.	0.	0.
~4	NF	0.	0.	-6.893	0.	0.	0.
~4	SC	0.	0.	4.219	0.	0.	0.
~4	AGUA INT	0.	0.	6.893	0.	0.	0.
~5	DEAD	0.	0.	13.611	0.	0.	0.
~5	TERRENO	0.	0.	-1.778E-03	0.	0.	0.
~5	NF	0.	0.	-6.893	0.	0.	0.
~5	SC	0.	0.	4.219	0.	0.	0.
~5	AGUA INT	0.	0.	6.893	0.	0.	0.

RESULTADOS DE LAS ÁREAS

Esta sección proporciona resultados de áreas, incluidos elementos como fuerzas y tensiones.

Table 22: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/m	KN/m	KN/m
2012	2012-1	2042	DEAD	2.409E-12	-1.582E-13	-1.08
2012	2012-1	~1	DEAD	-1.36	-0.27	-0.54
2012	2012-1	~2	DEAD	-1.63	-1.63	5.866E-13
2012	2012-1	~3	DEAD	-0.27	-1.36	-0.54
2012	2012-1	2042	TERRENO	-1.998E-15	0.	-4.33
2012	2012-1	~1	TERRENO	-5.41	-1.08	-2.16
2012	2012-1	~2	TERRENO	-6.49	-6.49	-1.110E-15
2012	2012-1	~3	TERRENO	-1.08	-5.41	-2.16
2012	2012-1	2042	NF	-8.273E-13	1.599E-13	-6.18
2012	2012-1	~1	NF	-7.73	-1.55	-3.09
2012	2012-1	~2	NF	-9.27	-9.27	-1.970E-13
2012	2012-1	~3	NF	-1.55	-7.73	-3.09
2012	2012-1	2042	SC	8.113E-13	-3.554E-14	1.755E-13
2012	2012-1	~1	SC	3.054E-14	-1.917E-13	1.041E-13
2012	2012-1	~2	SC	1.037E-13	1.741E-13	1.994E-13
2012	2012-1	~3	SC	8.845E-13	3.303E-13	2.708E-13
2012	2012-1	2042	AGUA INT	8.273E-13	-1.599E-13	6.18
2012	2012-1	~1	AGUA INT	7.73	1.55	3.09
2012	2012-1	~2	AGUA INT	9.27	9.27	1.970E-13
2012	2012-1	~3	AGUA INT	1.55	7.73	3.09
2012	2012-2	~3	DEAD	-0.27	-1.36	0.54
2012	2012-2	~2	DEAD	-1.63	-1.63	8.133E-13
2012	2012-2	~4	DEAD	-1.36	-0.27	0.54
2012	2012-2	2043	DEAD	-2.718E-12	-1.388E-12	1.08
2012	2012-2	~3	TERRENO	-1.08	-5.41	2.16
2012	2012-2	~2	TERRENO	-6.49	-6.49	-4.441E-16
2012	2012-2	~4	TERRENO	-5.41	-1.08	2.16
2012	2012-2	2043	TERRENO	2.220E-15	3.109E-15	4.33
2012	2012-2	~3	NF	-1.55	-7.73	3.09
2012	2012-2	~2	NF	-9.27	-9.27	-3.105E-13
2012	2012-2	~4	NF	-7.73	-1.55	3.09
2012	2012-2	2043	NF	9.841E-13	6.262E-13	6.18
2012	2012-2	~3	SC	-8.206E-13	-1.074E-14	1.434E-13
2012	2012-2	~2	SC	2.401E-13	2.014E-13	2.696E-13
2012	2012-2	~4	SC	1.538E-13	-2.297E-13	9.703E-14
2012	2012-2	2043	SC	-9.068E-13	-4.418E-13	-2.916E-14
2012	2012-2	~3	AGUA INT	1.55	7.73	-3.09
2012	2012-2	~2	AGUA INT	9.27	9.27	3.105E-13
2012	2012-2	~4	AGUA INT	7.73	1.55	-3.09
2012	2012-2	2043	AGUA INT	-9.841E-13	-6.262E-13	-6.18
2012	2012-3	~1	DEAD	-1.36	-0.27	0.54
2012	2012-3	2045	DEAD	-6.251E-13	5.149E-13	1.08
2012	2012-3	~5	DEAD	-0.27	-1.36	0.54
2012	2012-3	~2	DEAD	-1.63	-1.63	1.715E-13
2012	2012-3	~1	TERRENO	-5.41	-1.08	2.16
2012	2012-3	2045	TERRENO	-3.331E-16	-7.772E-16	4.33
2012	2012-3	~5	TERRENO	-1.08	-5.41	2.16
2012	2012-3	~2	TERRENO	-6.49	-6.49	-8.882E-16
2012	2012-3	~1	NF	-7.73	-1.55	3.09
2012	2012-3	2045	NF	4.112E-13	-2.439E-13	6.18
2012	2012-3	~5	NF	-1.55	-7.73	3.09

Table 22: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/m	KN/m	KN/m
2012	2012-3	~2	NF	-9.27	-9.27	-8.304E-14
2012	2012-3	~1	SC	1.130E-13	2.204E-13	7.663E-14
2012	2012-3	2045	SC	-2.432E-13	1.492E-13	2.419E-14
2012	2012-3	~5	SC	-3.007E-13	-1.382E-13	2.048E-14
2012	2012-3	~2	SC	5.549E-14	-6.696E-14	7.291E-14
2012	2012-3	~1	AGUA INT	7.73	1.55	-3.09
2012	2012-3	2045	AGUA INT	-4.112E-13	2.439E-13	-6.18
2012	2012-3	~5	AGUA INT	1.55	7.73	-3.09
2012	2012-3	~2	AGUA INT	9.27	9.27	8.304E-14
2012	2012-4	~2	DEAD	-1.63	-1.63	3.981E-13
2012	2012-4	~5	DEAD	-0.27	-1.36	-0.54
2012	2012-4	2044	DEAD	9.345E-13	1.031E-12	-1.08
2012	2012-4	~4	DEAD	-1.36	-0.27	-0.54
2012	2012-4	~2	TERRENO	-6.49	-6.49	2.220E-16
2012	2012-4	~5	TERRENO	-1.08	-5.41	-2.16
2012	2012-4	2044	TERRENO	-4.441E-16	-3.331E-15	-4.33
2012	2012-4	~4	TERRENO	-5.41	-1.08	-2.16
2012	2012-4	~2	NF	-9.27	-9.27	-1.994E-13
2012	2012-4	~5	NF	-1.55	-7.73	-3.09
2012	2012-4	2044	NF	-5.698E-13	-5.456E-13	-6.18
2012	2012-4	~4	NF	-7.73	-1.55	-3.09
2012	2012-4	~2	SC	1.918E-13	-3.969E-14	1.431E-13
2012	2012-4	~5	SC	2.682E-13	-2.442E-14	5.366E-14
2012	2012-4	2044	SC	3.387E-13	3.282E-13	1.062E-13
2012	2012-4	~4	SC	2.624E-13	3.129E-13	1.956E-13
2012	2012-4	~2	AGUA INT	9.27	9.27	1.994E-13
2012	2012-4	~5	AGUA INT	1.55	7.73	3.09
2012	2012-4	2044	AGUA INT	5.698E-13	5.456E-13	6.18
2012	2012-4	~4	AGUA INT	7.73	1.55	3.09
2114	2114-1	1	DEAD	-0.63	-3.31	0.29
2114	2114-1	~6	DEAD	-0.34	-1.89	0.13
2114	2114-1	~7	DEAD	0.15	-1.79	9.104E-02
2114	2114-1	~8	DEAD	-0.13	-3.21	0.24
2114	2114-1	1	TERRENO	0.76	0.56	-9.800E-02
2114	2114-1	~6	TERRENO	0.79	0.7	-7.724E-02
2114	2114-1	~7	TERRENO	-5.51	-0.56	0.18
2114	2114-1	~8	TERRENO	-5.54	-0.7	0.16
2114	2114-1	1	NF	1.09	0.8	-0.14
2114	2114-1	~6	NF	1.13	1.	-0.11
2114	2114-1	~7	NF	-7.87	-0.8	0.26
2114	2114-1	~8	NF	-7.91	-1.	0.23
2114	2114-1	1	SC	3.923E-13	-1.127E-12	-7.268E-13
2114	2114-1	~6	SC	6.837E-13	3.297E-13	-5.024E-13
2114	2114-1	~7	SC	-2.875E-13	-6.721E-13	-7.901E-14
2114	2114-1	~8	SC	-3.656E-13	-1.062E-12	-3.034E-13
2114	2114-1	1	AGUA INT	-1.09	-0.8	0.14
2114	2114-1	~6	AGUA INT	-1.13	-1.	0.11
2114	2114-1	~7	AGUA INT	7.87	0.8	-0.26
2114	2114-1	~8	AGUA INT	7.91	1.	-0.23
2114	2114-2	~8	DEAD	-1.17	-8.4	-0.11
2114	2114-2	~7	DEAD	-1.1	-8.06	9.104E-02
2114	2114-2	~9	DEAD	4.67	-6.91	-0.69
2114	2114-2	~10	DEAD	4.6	-7.24	-0.89
2114	2114-2	~8	TERRENO	-5.69	-1.46	0.89
2114	2114-2	~7	TERRENO	-4.95	2.23	0.18

Table 22: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/m	KN/m	KN/m
2114	2114-2	~9	TERRENO	-8.79	1.46	-3.908E-02
2114	2114-2	~10	TERRENO	-9.53	-2.23	0.68
2114	2114-2	~8	NF	-8.13	-2.09	1.28
2114	2114-2	~7	NF	-7.07	3.19	0.26
2114	2114-2	~9	NF	-12.56	2.09	-5.582E-02
2114	2114-2	~10	NF	-13.62	-3.19	0.96
2114	2114-2	~8	SC	-2.511E-13	-4.900E-13	-5.032E-13
2114	2114-2	~7	SC	-1.019E-13	2.559E-13	-8.254E-13
2114	2114-2	~9	SC	-4.244E-13	-3.277E-13	7.655E-14
2114	2114-2	~10	SC	-6.447E-13	-1.429E-12	1.144E-13
2114	2114-2	~8	AGUA INT	8.13	2.09	-1.28
2114	2114-2	~7	AGUA INT	7.07	-3.19	-0.26
2114	2114-2	~9	AGUA INT	12.56	-2.09	5.582E-02
2114	2114-2	~10	AGUA INT	13.62	3.19	-0.96
2114	2114-3	~10	DEAD	5.6	-2.27	-2.28
2114	2114-3	~9	DEAD	1.66	-21.98	-0.69
2114	2114-3	~1	DEAD	-4.65	-23.24	-2.52
2114	2114-3	2042	DEAD	-0.71	-3.53	-4.11
2114	2114-3	~10	TERRENO	-9.64	-2.78	-0.85
2114	2114-3	~9	TERRENO	-8.91	0.89	-3.908E-02
2114	2114-3	~1	TERRENO	0.56	2.78	2.940E-02
2114	2114-3	2042	TERRENO	-0.18	-0.89	-0.78
2114	2114-3	~10	NF	-13.78	-3.98	-1.22
2114	2114-3	~9	NF	-12.73	1.27	-5.582E-02
2114	2114-3	~1	NF	0.8	3.98	4.201E-02
2114	2114-3	2042	NF	-0.25	-1.27	-1.12
2114	2114-3	~10	SC	-5.736E-13	-1.074E-12	4.160E-13
2114	2114-3	~9	SC	-2.412E-13	5.886E-13	-1.101E-13
2114	2114-3	~1	SC	-4.306E-14	6.089E-13	-3.675E-14
2114	2114-3	2042	SC	-1.622E-13	1.329E-14	7.738E-13
2114	2114-3	~10	AGUA INT	13.78	3.98	1.22
2114	2114-3	~9	AGUA INT	12.73	-1.27	5.582E-02
2114	2114-3	~1	AGUA INT	-0.8	-3.98	-4.201E-02
2114	2114-3	2042	AGUA INT	0.25	1.27	1.12
2114	2114-4	~6	DEAD	-0.34	-1.89	-0.13
2114	2114-4	3	DEAD	-0.63	-3.31	-0.29
2114	2114-4	~11	DEAD	-0.13	-3.21	-0.24
2114	2114-4	~7	DEAD	0.15	-1.79	-9.104E-02
2114	2114-4	~6	TERRENO	0.79	0.7	7.724E-02
2114	2114-4	3	TERRENO	0.76	0.56	9.800E-02
2114	2114-4	~11	TERRENO	-5.54	-0.7	-0.16
2114	2114-4	~7	TERRENO	-5.51	-0.56	-0.18
2114	2114-4	~6	NF	1.13	1.	0.11
2114	2114-4	3	NF	1.09	0.8	0.14
2114	2114-4	~11	NF	-7.91	-1.	-0.23
2114	2114-4	~7	NF	-7.87	-0.8	-0.26
2114	2114-4	~6	SC	6.061E-14	7.100E-13	4.394E-13
2114	2114-4	3	SC	-1.452E-14	3.343E-13	2.347E-13
2114	2114-4	~11	SC	1.863E-13	9.322E-13	-2.498E-13
2114	2114-4	~7	SC	-9.406E-14	-4.698E-13	-4.510E-14
2114	2114-4	~6	AGUA INT	-1.13	-1.	-0.11
2114	2114-4	3	AGUA INT	-1.09	-0.8	-0.14
2114	2114-4	~11	AGUA INT	7.91	1.	0.23
2114	2114-4	~7	AGUA INT	7.87	0.8	0.26
2114	2114-5	~7	DEAD	-1.1	-8.06	-9.104E-02

Table 22: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/m	KN/m	KN/m
2114	2114-5	~11	DEAD	-1.17	-8.4	0.11
2114	2114-5	~12	DEAD	4.6	-7.24	0.89
2114	2114-5	~9	DEAD	4.67	-6.91	0.69
2114	2114-5	~7	TERRENO	-4.95	2.23	-0.18
2114	2114-5	~11	TERRENO	-5.69	-1.46	-0.89
2114	2114-5	~12	TERRENO	-9.53	-2.23	-0.68
2114	2114-5	~9	TERRENO	-8.79	1.46	3.908E-02
2114	2114-5	~7	NF	-7.07	3.19	-0.26
2114	2114-5	~11	NF	-8.13	-2.09	-1.28
2114	2114-5	~12	NF	-13.62	-3.19	-0.96
2114	2114-5	~9	NF	-12.56	2.09	5.582E-02
2114	2114-5	~7	SC	-7.903E-14	-3.947E-13	-7.348E-13
2114	2114-5	~11	SC	1.303E-13	6.518E-13	-9.812E-14
2114	2114-5	~12	SC	3.927E-14	6.142E-13	6.400E-13
2114	2114-5	~9	SC	4.330E-14	6.344E-13	-2.811E-13
2114	2114-5	~7	AGUA INT	7.07	-3.19	0.26
2114	2114-5	~11	AGUA INT	8.13	2.09	1.28
2114	2114-5	~12	AGUA INT	13.62	3.19	0.96
2114	2114-5	~9	AGUA INT	12.56	-2.09	-5.582E-02
2114	2114-6	~9	DEAD	1.66	-21.98	0.69
2114	2114-6	~12	DEAD	5.6	-2.27	2.28
2114	2114-6	2045	DEAD	-0.71	-3.53	4.11
2114	2114-6	~1	DEAD	-4.65	-23.24	2.52
2114	2114-6	~9	TERRENO	-8.91	0.89	3.908E-02
2114	2114-6	~12	TERRENO	-9.64	-2.78	0.85
2114	2114-6	2045	TERRENO	-0.18	-0.89	0.78
2114	2114-6	~1	TERRENO	0.56	2.78	-2.940E-02
2114	2114-6	~9	NF	-12.73	1.27	5.582E-02
2114	2114-6	~12	NF	-13.78	-3.98	1.22
2114	2114-6	2045	NF	-0.25	-1.27	1.12
2114	2114-6	~1	NF	0.8	3.98	-4.201E-02
2114	2114-6	~9	SC	7.165E-14	7.761E-13	7.347E-14
2114	2114-6	~12	SC	-2.307E-13	-7.358E-13	-9.727E-14
2114	2114-6	2045	SC	8.411E-14	-4.037E-13	-1.683E-13
2114	2114-6	~1	SC	3.154E-13	7.527E-13	2.469E-15
2114	2114-6	~9	AGUA INT	12.73	-1.27	-5.582E-02
2114	2114-6	~12	AGUA INT	13.78	3.98	-1.22
2114	2114-6	2045	AGUA INT	0.25	1.27	-1.12
2114	2114-6	~1	AGUA INT	-0.8	-3.98	4.201E-02
2214	2214-1	3	DEAD	-0.63	-3.31	0.29
2214	2214-1	~13	DEAD	-0.34	-1.89	0.13
2214	2214-1	~14	DEAD	0.15	-1.79	9.104E-02
2214	2214-1	~11	DEAD	-0.13	-3.21	0.24
2214	2214-1	3	TERRENO	0.76	0.56	-9.800E-02
2214	2214-1	~13	TERRENO	0.79	0.7	-7.724E-02
2214	2214-1	~14	TERRENO	-5.51	-0.56	0.18
2214	2214-1	~11	TERRENO	-5.54	-0.7	0.16
2214	2214-1	3	NF	1.09	0.8	-0.14
2214	2214-1	~13	NF	1.13	1.	-0.11
2214	2214-1	~14	NF	-7.87	-0.8	0.26
2214	2214-1	~11	NF	-7.91	-1.	0.23
2214	2214-1	3	SC	1.157E-13	5.990E-13	-2.587E-13
2214	2214-1	~13	SC	-1.676E-13	-8.176E-13	-2.214E-13
2214	2214-1	~14	SC	1.091E-13	-7.816E-13	6.853E-13
2214	2214-1	~11	SC	6.058E-13	1.702E-12	7.902E-13

Table 22: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/m	KN/m	KN/m
2214	2214-1	3	AGUA INT	-1.09	-0.8	0.14
2214	2214-1	~13	AGUA INT	-1.13	-1.	0.11
2214	2214-1	~14	AGUA INT	7.87	0.8	-0.26
2214	2214-1	~11	AGUA INT	7.91	1.	-0.23
2214	2214-2	~11	DEAD	-1.17	-8.4	-0.11
2214	2214-2	~14	DEAD	-1.1	-8.06	9.104E-02
2214	2214-2	~15	DEAD	4.67	-6.91	-0.69
2214	2214-2	~12	DEAD	4.6	-7.24	-0.89
2214	2214-2	~11	TERRENO	-5.69	-1.46	0.89
2214	2214-2	~14	TERRENO	-4.95	2.23	0.18
2214	2214-2	~15	TERRENO	-8.79	1.46	-3.908E-02
2214	2214-2	~12	TERRENO	-9.53	-2.23	0.68
2214	2214-2	~11	NF	-8.13	-2.09	1.28
2214	2214-2	~14	NF	-7.07	3.19	0.26
2214	2214-2	~15	NF	-12.56	2.09	-5.582E-02
2214	2214-2	~12	NF	-13.62	-3.19	0.96
2214	2214-2	~11	SC	4.352E-13	8.488E-13	6.778E-13
2214	2214-2	~14	SC	1.328E-13	-6.631E-13	6.068E-13
2214	2214-2	~15	SC	-5.250E-13	-5.255E-13	5.547E-13
2214	2214-2	~12	SC	-2.937E-13	6.309E-13	1.991E-13
2214	2214-2	~11	AGUA INT	8.13	2.09	-1.28
2214	2214-2	~14	AGUA INT	7.07	-3.19	-0.26
2214	2214-2	~15	AGUA INT	12.56	-2.09	5.582E-02
2214	2214-2	~12	AGUA INT	13.62	3.19	-0.96
2214	2214-3	~12	DEAD	5.6	-2.27	-2.28
2214	2214-3	~15	DEAD	1.66	-21.98	-0.69
2214	2214-3	~5	DEAD	-4.65	-23.24	-2.52
2214	2214-3	2045	DEAD	-0.71	-3.53	-4.11
2214	2214-3	~12	TERRENO	-9.64	-2.78	-0.85
2214	2214-3	~15	TERRENO	-8.91	0.89	-3.908E-02
2214	2214-3	~5	TERRENO	0.56	2.78	2.940E-02
2214	2214-3	2045	TERRENO	-0.18	-0.89	-0.78
2214	2214-3	~12	NF	-13.78	-3.98	-1.22
2214	2214-3	~15	NF	-12.73	1.27	-5.582E-02
2214	2214-3	~5	NF	0.8	3.98	4.201E-02
2214	2214-3	2045	NF	-0.25	-1.27	-1.12
2214	2214-3	~12	SC	-5.037E-13	-4.186E-13	5.329E-13
2214	2214-3	~15	SC	-1.903E-13	1.148E-12	3.540E-13
2214	2214-3	~5	SC	6.621E-14	1.469E-12	9.365E-13
2214	2214-3	2045	SC	-3.183E-13	-4.537E-13	8.310E-13
2214	2214-3	~12	AGUA INT	13.78	3.98	1.22
2214	2214-3	~15	AGUA INT	12.73	-1.27	5.582E-02
2214	2214-3	~5	AGUA INT	-0.8	-3.98	-4.201E-02
2214	2214-3	2045	AGUA INT	0.25	1.27	1.12
2214	2214-4	~13	DEAD	-0.34	-1.89	-0.13
2214	2214-4	4	DEAD	-0.63	-3.31	-0.29
2214	2214-4	~16	DEAD	-0.13	-3.21	-0.24
2214	2214-4	~14	DEAD	0.15	-1.79	-9.104E-02
2214	2214-4	~13	TERRENO	0.79	0.7	7.724E-02
2214	2214-4	4	TERRENO	0.76	0.56	9.800E-02
2214	2214-4	~16	TERRENO	-5.54	-0.7	-0.16
2214	2214-4	~14	TERRENO	-5.51	-0.56	-0.18
2214	2214-4	~13	NF	1.13	1.	0.11
2214	2214-4	4	NF	1.09	0.8	0.14
2214	2214-4	~16	NF	-7.91	-1.	-0.23

Table 22: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/m	KN/m	KN/m
2214	2214-4	~14	NF	-7.87	-0.8	-0.26
2214	2214-4	~13	SC	-2.661E-13	-4.971E-13	7.330E-14
2214	2214-4	4	SC	-2.771E-13	-5.521E-13	6.907E-13
2214	2214-4	~16	SC	1.505E-13	-1.005E-12	2.585E-13
2214	2214-4	~14	SC	3.038E-13	-2.389E-13	3.521E-13
2214	2214-4	~13	AGUA INT	-1.13	-1.	-0.11
2214	2214-4	4	AGUA INT	-1.09	-0.8	-0.14
2214	2214-4	~16	AGUA INT	7.91	1.	0.23
2214	2214-4	~14	AGUA INT	7.87	0.8	0.26
2214	2214-5	~14	DEAD	-1.1	-8.06	-9.104E-02
2214	2214-5	~16	DEAD	-1.17	-8.4	0.11
2214	2214-5	~17	DEAD	4.6	-7.24	0.89
2214	2214-5	~15	DEAD	4.67	-6.91	0.69
2214	2214-5	~14	TERRENO	-4.95	2.23	-0.18
2214	2214-5	~16	TERRENO	-5.69	-1.46	-0.89
2214	2214-5	~17	TERRENO	-9.53	-2.23	-0.68
2214	2214-5	~15	TERRENO	-8.79	1.46	3.908E-02
2214	2214-5	~14	NF	-7.07	3.19	-0.26
2214	2214-5	~16	NF	-8.13	-2.09	-1.28
2214	2214-5	~17	NF	-13.62	-3.19	-0.96
2214	2214-5	~15	NF	-12.56	2.09	5.582E-02
2214	2214-5	~14	SC	3.298E-13	-1.088E-13	4.378E-13
2214	2214-5	~16	SC	5.342E-14	-1.491E-12	3.093E-13
2214	2214-5	~17	SC	-9.405E-13	-1.151E-12	9.843E-13
2214	2214-5	~15	SC	-8.064E-13	-4.803E-13	4.017E-13
2214	2214-5	~14	AGUA INT	7.07	-3.19	0.26
2214	2214-5	~16	AGUA INT	8.13	2.09	1.28
2214	2214-5	~17	AGUA INT	13.62	3.19	0.96
2214	2214-5	~15	AGUA INT	12.56	-2.09	-5.582E-02
2214	2214-6	~15	DEAD	1.66	-21.98	0.69
2214	2214-6	~17	DEAD	5.6	-2.27	2.28
2214	2214-6	2044	DEAD	-0.71	-3.53	4.11
2214	2214-6	~5	DEAD	-4.65	-23.24	2.52
2214	2214-6	~15	TERRENO	-8.91	0.89	3.908E-02
2214	2214-6	~17	TERRENO	-9.64	-2.78	0.85
2214	2214-6	2044	TERRENO	-0.18	-0.89	0.78
2214	2214-6	~5	TERRENO	0.56	2.78	-2.940E-02
2214	2214-6	~15	NF	-12.73	1.27	5.582E-02
2214	2214-6	~17	NF	-13.78	-3.98	1.22
2214	2214-6	2044	NF	-0.25	-1.27	1.12
2214	2214-6	~5	NF	0.8	3.98	-4.201E-02
2214	2214-6	~15	SC	-2.962E-13	2.071E-12	1.152E-12
2214	2214-6	~17	SC	-8.859E-13	-8.780E-13	-3.721E-13
2214	2214-6	2044	SC	-1.710E-14	-1.223E-12	-3.932E-13
2214	2214-6	~5	SC	5.015E-13	1.370E-12	5.617E-13
2214	2214-6	~15	AGUA INT	12.73	-1.27	-5.582E-02
2214	2214-6	~17	AGUA INT	13.78	3.98	-1.22
2214	2214-6	2044	AGUA INT	0.25	1.27	-1.12
2214	2214-6	~5	AGUA INT	-0.8	-3.98	4.201E-02
2314	2314-1	2042	DEAD	-0.71	-3.53	4.11
2314	2314-1	~3	DEAD	-4.65	-23.24	2.52
2314	2314-1	~18	DEAD	1.66	-21.98	0.69
2314	2314-1	~10	DEAD	5.6	-2.27	2.28
2314	2314-1	2042	TERRENO	-0.18	-0.89	0.78
2314	2314-1	~3	TERRENO	0.56	2.78	-2.940E-02

Table 22: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/m	KN/m	KN/m
2314	2314-1	~18	TERRENO	-8.91	0.89	3.908E-02
2314	2314-1	~10	TERRENO	-9.64	-2.78	0.85
2314	2314-1	2042	NF	-0.25	-1.27	1.12
2314	2314-1	~3	NF	0.8	3.98	-4.201E-02
2314	2314-1	~18	NF	-12.73	1.27	5.582E-02
2314	2314-1	~10	NF	-13.78	-3.98	1.22
2314	2314-1	2042	SC	5.803E-13	-5.086E-13	4.733E-13
2314	2314-1	~3	SC	1.196E-12	2.570E-12	2.803E-13
2314	2314-1	~18	SC	-2.300E-13	2.285E-12	-1.889E-13
2314	2314-1	~10	SC	-8.458E-13	-7.938E-13	1.464E-13
2314	2314-1	2042	AGUA INT	0.25	1.27	-1.12
2314	2314-1	~3	AGUA INT	-0.8	-3.98	4.201E-02
2314	2314-1	~18	AGUA INT	12.73	-1.27	-5.582E-02
2314	2314-1	~10	AGUA INT	13.78	3.98	-1.22
2314	2314-2	~10	DEAD	4.6	-7.24	0.89
2314	2314-2	~18	DEAD	4.67	-6.91	0.69
2314	2314-2	~19	DEAD	-1.1	-8.06	-9.104E-02
2314	2314-2	~8	DEAD	-1.17	-8.4	0.11
2314	2314-2	~10	TERRENO	-9.53	-2.23	-0.68
2314	2314-2	~18	TERRENO	-8.79	1.46	3.908E-02
2314	2314-2	~19	TERRENO	-4.95	2.23	-0.18
2314	2314-2	~8	TERRENO	-5.69	-1.46	-0.89
2314	2314-2	~10	NF	-13.62	-3.19	-0.96
2314	2314-2	~18	NF	-12.56	2.09	5.582E-02
2314	2314-2	~19	NF	-7.07	3.19	-0.26
2314	2314-2	~8	NF	-8.13	-2.09	-1.28
2314	2314-2	~10	SC	-1.053E-12	-1.829E-12	2.518E-13
2314	2314-2	~18	SC	-3.549E-13	1.661E-12	4.740E-13
2314	2314-2	~19	SC	2.311E-13	1.778E-12	2.697E-13
2314	2314-2	~8	SC	-4.667E-13	-1.711E-12	7.585E-13
2314	2314-2	~10	AGUA INT	13.62	3.19	0.96
2314	2314-2	~18	AGUA INT	12.56	-2.09	-5.582E-02
2314	2314-2	~19	AGUA INT	7.07	-3.19	0.26
2314	2314-2	~8	AGUA INT	8.13	2.09	1.28
2314	2314-3	~8	DEAD	-0.13	-3.21	-0.24
2314	2314-3	~19	DEAD	0.15	-1.79	-9.104E-02
2314	2314-3	~20	DEAD	-0.34	-1.89	-0.13
2314	2314-3	1	DEAD	-0.63	-3.31	-0.29
2314	2314-3	~8	TERRENO	-5.54	-0.7	-0.16
2314	2314-3	~19	TERRENO	-5.51	-0.56	-0.18
2314	2314-3	~20	TERRENO	0.79	0.7	7.724E-02
2314	2314-3	1	TERRENO	0.76	0.56	9.800E-02
2314	2314-3	~8	NF	-7.91	-1.	-0.23
2314	2314-3	~19	NF	-7.87	-0.8	-0.26
2314	2314-3	~20	NF	1.13	1.	0.11
2314	2314-3	1	NF	1.09	0.8	0.14
2314	2314-3	~8	SC	-4.297E-13	-1.526E-12	8.509E-13
2314	2314-3	~19	SC	9.296E-14	1.087E-12	6.400E-13
2314	2314-3	~20	SC	4.681E-13	6.238E-13	1.445E-13
2314	2314-3	1	SC	8.760E-14	-1.279E-12	6.399E-13
2314	2314-3	~8	AGUA INT	7.91	1.	0.23
2314	2314-3	~19	AGUA INT	7.87	0.8	0.26
2314	2314-3	~20	AGUA INT	-1.13	-1.	-0.11
2314	2314-3	1	AGUA INT	-1.09	-0.8	-0.14
2314	2314-4	~3	DEAD	-4.65	-23.24	-2.52

Table 22: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/m	KN/m	KN/m
2314	2314-4	2043	DEAD	-0.71	-3.53	-4.11
2314	2314-4	~21	DEAD	5.6	-2.27	-2.28
2314	2314-4	~18	DEAD	1.66	-21.98	-0.69
2314	2314-4	~3	TERRENO	0.56	2.78	2.940E-02
2314	2314-4	2043	TERRENO	-0.18	-0.89	-0.78
2314	2314-4	~21	TERRENO	-9.64	-2.78	-0.85
2314	2314-4	~18	TERRENO	-8.91	0.89	-3.908E-02
2314	2314-4	~3	NF	0.8	3.98	4.201E-02
2314	2314-4	2043	NF	-0.25	-1.27	-1.12
2314	2314-4	~21	NF	-13.78	-3.98	-1.22
2314	2314-4	~18	NF	-12.73	1.27	-5.582E-02
2314	2314-4	~3	SC	-2.278E-13	2.271E-12	6.764E-13
2314	2314-4	2043	SC	-2.688E-13	2.066E-12	1.613E-12
2314	2314-4	~21	SC	-3.960E-15	2.119E-12	1.125E-12
2314	2314-4	~18	SC	3.709E-14	2.324E-12	4.725E-13
2314	2314-4	~3	AGUA INT	-0.8	-3.98	-4.201E-02
2314	2314-4	2043	AGUA INT	0.25	1.27	1.12
2314	2314-4	~21	AGUA INT	13.78	3.98	1.22
2314	2314-4	~18	AGUA INT	12.73	-1.27	5.582E-02
2314	2314-5	~18	DEAD	4.67	-6.91	-0.69
2314	2314-5	~21	DEAD	4.6	-7.24	-0.89
2314	2314-5	~22	DEAD	-1.17	-8.4	-0.11
2314	2314-5	~19	DEAD	-1.1	-8.06	9.104E-02
2314	2314-5	~18	TERRENO	-8.79	1.46	-3.908E-02
2314	2314-5	~21	TERRENO	-9.53	-2.23	0.68
2314	2314-5	~22	TERRENO	-5.69	-1.46	0.89
2314	2314-5	~19	TERRENO	-4.95	2.23	0.18
2314	2314-5	~18	NF	-12.56	2.09	-5.582E-02
2314	2314-5	~21	NF	-13.62	-3.19	0.96
2314	2314-5	~22	NF	-8.13	-2.09	1.28
2314	2314-5	~19	NF	-7.07	3.19	0.26
2314	2314-5	~18	SC	-7.421E-14	1.768E-12	9.911E-13
2314	2314-5	~21	SC	-3.719E-14	1.953E-12	4.033E-13
2314	2314-5	~22	SC	5.561E-14	2.779E-12	1.940E-13
2314	2314-5	~19	SC	-1.947E-13	1.527E-12	2.129E-13
2314	2314-5	~18	AGUA INT	12.56	-2.09	5.582E-02
2314	2314-5	~21	AGUA INT	13.62	3.19	-0.96
2314	2314-5	~22	AGUA INT	8.13	2.09	-1.28
2314	2314-5	~19	AGUA INT	7.07	-3.19	-0.26
2314	2314-6	~19	DEAD	0.15	-1.79	9.104E-02
2314	2314-6	~22	DEAD	-0.13	-3.21	0.24
2314	2314-6	2	DEAD	-0.63	-3.31	0.29
2314	2314-6	~20	DEAD	-0.34	-1.89	0.13
2314	2314-6	~19	TERRENO	-5.51	-0.56	0.18
2314	2314-6	~22	TERRENO	-5.54	-0.7	0.16
2314	2314-6	2	TERRENO	0.76	0.56	-9.800E-02
2314	2314-6	~20	TERRENO	0.79	0.7	-7.724E-02
2314	2314-6	~19	NF	-7.87	-0.8	0.26
2314	2314-6	~22	NF	-7.91	-1.	0.23
2314	2314-6	2	NF	1.09	0.8	-0.14
2314	2314-6	~20	NF	1.13	1.	-0.11
2314	2314-6	~19	SC	-5.589E-13	-2.936E-13	1.396E-14
2314	2314-6	~22	SC	-5.439E-13	-2.185E-13	2.074E-14
2314	2314-6	2	SC	8.354E-13	5.764E-13	-1.009E-12
2314	2314-6	~20	SC	8.915E-13	8.568E-13	-4.474E-13

Table 22: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/m	KN/m	KN/m
2314	2314-6	~19	AGUA INT	7.87	0.8	-0.26
2314	2314-6	~22	AGUA INT	7.91	1.	-0.23
2314	2314-6	2	AGUA INT	-1.09	-0.8	0.14
2314	2314-6	~20	AGUA INT	-1.13	-1.	0.11
2414	2414-1	4	DEAD	-0.63	-3.31	0.29
2414	2414-1	~23	DEAD	-0.34	-1.89	0.13
2414	2414-1	~24	DEAD	0.15	-1.79	9.104E-02
2414	2414-1	~16	DEAD	-0.13	-3.21	0.24
2414	2414-1	4	TERRENO	0.76	0.56	-9.800E-02
2414	2414-1	~23	TERRENO	0.79	0.7	-7.724E-02
2414	2414-1	~24	TERRENO	-5.51	-0.56	0.18
2414	2414-1	~16	TERRENO	-5.54	-0.7	0.16
2414	2414-1	4	NF	1.09	0.8	-0.14
2414	2414-1	~23	NF	1.13	1.	-0.11
2414	2414-1	~24	NF	-7.87	-0.8	0.26
2414	2414-1	~16	NF	-7.91	-1.	0.23
2414	2414-1	4	SC	-4.072E-13	-2.937E-13	-2.106E-13
2414	2414-1	~23	SC	-1.979E-13	7.527E-13	2.376E-14
2414	2414-1	~24	SC	2.288E-13	3.051E-14	2.099E-14
2414	2414-1	~16	SC	2.328E-13	5.064E-14	7.104E-14
2414	2414-1	4	AGUA INT	-1.09	-0.8	0.14
2414	2414-1	~23	AGUA INT	-1.13	-1.	0.11
2414	2414-1	~24	AGUA INT	7.87	0.8	-0.26
2414	2414-1	~16	AGUA INT	7.91	1.	-0.23
2414	2414-2	~16	DEAD	-1.17	-8.4	-0.11
2414	2414-2	~24	DEAD	-1.1	-8.06	9.104E-02
2414	2414-2	~25	DEAD	4.67	-6.91	-0.69
2414	2414-2	~17	DEAD	4.6	-7.24	-0.89
2414	2414-2	~16	TERRENO	-5.69	-1.46	0.89
2414	2414-2	~24	TERRENO	-4.95	2.23	0.18
2414	2414-2	~25	TERRENO	-8.79	1.46	-3.908E-02
2414	2414-2	~17	TERRENO	-9.53	-2.23	0.68
2414	2414-2	~16	NF	-8.13	-2.09	1.28
2414	2414-2	~24	NF	-7.07	3.19	0.26
2414	2414-2	~25	NF	-12.56	2.09	-5.582E-02
2414	2414-2	~17	NF	-13.62	-3.19	0.96
2414	2414-2	~16	SC	-6.547E-15	-1.146E-12	-8.681E-14
2414	2414-2	~24	SC	2.247E-13	1.038E-14	-5.695E-14
2414	2414-2	~25	SC	-2.094E-13	1.927E-13	-3.398E-13
2414	2414-2	~17	SC	-5.118E-13	-1.319E-12	-5.119E-13
2414	2414-2	~16	AGUA INT	8.13	2.09	-1.28
2414	2414-2	~24	AGUA INT	7.07	-3.19	-0.26
2414	2414-2	~25	AGUA INT	12.56	-2.09	5.582E-02
2414	2414-2	~17	AGUA INT	13.62	3.19	-0.96
2414	2414-3	~17	DEAD	5.6	-2.27	-2.28
2414	2414-3	~25	DEAD	1.66	-21.98	-0.69
2414	2414-3	~4	DEAD	-4.65	-23.24	-2.52
2414	2414-3	2044	DEAD	-0.71	-3.53	-4.11
2414	2414-3	~17	TERRENO	-9.64	-2.78	-0.85
2414	2414-3	~25	TERRENO	-8.91	0.89	-3.908E-02
2414	2414-3	~4	TERRENO	0.56	2.78	2.940E-02
2414	2414-3	2044	TERRENO	-0.18	-0.89	-0.78
2414	2414-3	~17	NF	-13.78	-3.98	-1.22
2414	2414-3	~25	NF	-12.73	1.27	-5.582E-02
2414	2414-3	~4	NF	0.8	3.98	4.201E-02

Table 22: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/m	KN/m	KN/m
2414	2414-3	2044	NF	-0.25	-1.27	-1.12
2414	2414-3	~17	SC	-4.540E-13	-1.030E-12	-4.110E-13
2414	2414-3	~25	SC	2.357E-14	1.358E-12	-7.107E-13
2414	2414-3	~4	SC	5.640E-13	1.735E-12	-3.948E-13
2414	2414-3	2044	SC	1.530E-14	-1.009E-12	1.042E-12
2414	2414-3	~17	AGUA INT	13.78	3.98	1.22
2414	2414-3	~25	AGUA INT	12.73	-1.27	5.582E-02
2414	2414-3	~4	AGUA INT	-0.8	-3.98	-4.201E-02
2414	2414-3	2044	AGUA INT	0.25	1.27	1.12
2414	2414-4	~23	DEAD	-0.34	-1.89	-0.13
2414	2414-4	2	DEAD	-0.63	-3.31	-0.29
2414	2414-4	~22	DEAD	-0.13	-3.21	-0.24
2414	2414-4	~24	DEAD	0.15	-1.79	-9.104E-02
2414	2414-4	~23	TERRENO	0.79	0.7	7.724E-02
2414	2414-4	2	TERRENO	0.76	0.56	9.800E-02
2414	2414-4	~22	TERRENO	-5.54	-0.7	-0.16
2414	2414-4	~24	TERRENO	-5.51	-0.56	-0.18
2414	2414-4	~23	NF	1.13	1.	0.11
2414	2414-4	2	NF	1.09	0.8	0.14
2414	2414-4	~22	NF	-7.91	-1.	-0.23
2414	2414-4	~24	NF	-7.87	-0.8	-0.26
2414	2414-4	~23	SC	5.984E-13	1.477E-12	3.447E-13
2414	2414-4	2	SC	3.220E-13	9.488E-14	4.629E-13
2414	2414-4	~22	SC	-3.278E-13	-2.849E-13	-5.817E-13
2414	2414-4	~24	SC	-1.936E-13	3.859E-13	-6.999E-13
2414	2414-4	~23	AGUA INT	-1.13	-1.	-0.11
2414	2414-4	2	AGUA INT	-1.09	-0.8	-0.14
2414	2414-4	~22	AGUA INT	7.91	1.	0.23
2414	2414-4	~24	AGUA INT	7.87	0.8	0.26
2414	2414-5	~24	DEAD	-1.1	-8.06	-9.104E-02
2414	2414-5	~22	DEAD	-1.17	-8.4	0.11
2414	2414-5	~21	DEAD	4.6	-7.24	0.89
2414	2414-5	~25	DEAD	4.67	-6.91	0.69
2414	2414-5	~24	TERRENO	-4.95	2.23	-0.18
2414	2414-5	~22	TERRENO	-5.69	-1.46	-0.89
2414	2414-5	~21	TERRENO	-9.53	-2.23	-0.68
2414	2414-5	~25	TERRENO	-8.79	1.46	3.908E-02
2414	2414-5	~24	NF	-7.07	3.19	-0.26
2414	2414-5	~22	NF	-8.13	-2.09	-1.28
2414	2414-5	~21	NF	-13.62	-3.19	-0.96
2414	2414-5	~25	NF	-12.56	2.09	5.582E-02
2414	2414-5	~24	SC	-1.113E-13	7.975E-13	-5.743E-13
2414	2414-5	~22	SC	1.420E-13	2.064E-12	-7.453E-13
2414	2414-5	~21	SC	-5.721E-15	2.592E-12	-3.737E-13
2414	2414-5	~25	SC	-6.145E-13	-4.519E-13	-6.294E-13
2414	2414-5	~24	AGUA INT	7.07	-3.19	0.26
2414	2414-5	~22	AGUA INT	8.13	2.09	1.28
2414	2414-5	~21	AGUA INT	13.62	3.19	0.96
2414	2414-5	~25	AGUA INT	12.56	-2.09	-5.582E-02
2414	2414-6	~25	DEAD	1.66	-21.98	0.69
2414	2414-6	~21	DEAD	5.6	-2.27	2.28
2414	2414-6	2043	DEAD	-0.71	-3.53	4.11
2414	2414-6	~4	DEAD	-4.65	-23.24	2.52
2414	2414-6	~25	TERRENO	-8.91	0.89	3.908E-02
2414	2414-6	~21	TERRENO	-9.64	-2.78	0.85

Table 22: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/m	KN/m	KN/m
2414	2414-6	2043	TERRENO	-0.18	-0.89	0.78
2414	2414-6	~4	TERRENO	0.56	2.78	-2.940E-02
2414	2414-6	~25	NF	-12.73	1.27	5.582E-02
2414	2414-6	~21	NF	-13.78	-3.98	1.22
2414	2414-6	2043	NF	-0.25	-1.27	1.12
2414	2414-6	~4	NF	0.8	3.98	-4.201E-02
2414	2414-6	~25	SC	5.523E-14	2.897E-12	-5.029E-13
2414	2414-6	~21	SC	-3.824E-13	7.087E-13	-1.005E-12
2414	2414-6	2043	SC	3.341E-13	2.756E-12	-3.503E-13
2414	2414-6	~4	SC	6.068E-14	1.388E-12	-9.857E-13
2414	2414-6	~25	AGUA INT	12.73	-1.27	-5.582E-02
2414	2414-6	~21	AGUA INT	13.78	3.98	-1.22
2414	2414-6	2043	AGUA INT	0.25	1.27	-1.12
2414	2414-6	~4	AGUA INT	-0.8	-3.98	4.201E-02

Table 22: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-m/m	KN-m/m	KN-m/m
2012	2042	DEAD	0.1596	0.1596	-0.8961
2012	~1	DEAD	1.7124	-0.3996	-0.6112
2012	~2	DEAD	-4.7182	-4.7182	-0.3262
2012	~3	DEAD	-0.3996	1.7124	-0.6112
2012	2042	TERRENO	0.1447	0.1447	0.1174
2012	~1	TERRENO	0.4208	0.21	0.0514
2012	~2	TERRENO	0.2245	0.2245	-0.0145
2012	~3	TERRENO	0.21	0.4208	0.0514
2012	2042	NF	0.2066	0.2066	0.1678
2012	~1	NF	0.6011	0.3001	0.0735
2012	~2	NF	0.3207	0.3207	-0.0208
2012	~3	NF	0.3001	0.6011	0.0735
2012	2042	SC	1.713E-14	-2.008E-14	7.018E-14
2012	~1	SC	-2.030E-13	-5.308E-14	5.086E-14
2012	~2	SC	4.206E-13	3.656E-13	2.880E-14
2012	~3	SC	-9.429E-15	-1.491E-13	6.859E-14
2012	2042	AGUA INT	-0.2066	-0.2066	-0.1678
2012	~1	AGUA INT	-0.6011	-0.3001	-0.0735
2012	~2	AGUA INT	-0.3207	-0.3207	0.0208
2012	~3	AGUA INT	-0.3001	-0.6011	-0.0735
2012	~3	DEAD	-0.3996	1.7124	0.6112
2012	~2	DEAD	-4.7182	-4.7182	0.3262
2012	~4	DEAD	1.7124	-0.3996	0.6112
2012	2043	DEAD	0.1596	0.1596	0.8961
2012	~3	TERRENO	0.21	0.4208	-0.0514
2012	~2	TERRENO	0.2245	0.2245	0.0145
2012	~4	TERRENO	0.4208	0.21	-0.0514
2012	2043	TERRENO	0.1447	0.1447	-0.1174
2012	~3	NF	0.3001	0.6011	-0.0735
2012	~2	NF	0.3207	0.3207	0.0208
2012	~4	NF	0.6011	0.3001	-0.0735
2012	2043	NF	0.2066	0.2066	-0.1678
2012	~3	SC	1.185E-13	-1.300E-13	-3.197E-14
2012	~2	SC	3.237E-13	3.243E-13	-3.993E-15
2012	~4	SC	-1.313E-13	4.529E-15	-2.605E-14
2012	2043	SC	-8.566E-14	-5.552E-14	-3.355E-14
2012	~3	AGUA INT	-0.3001	-0.6011	0.0735

Table 22: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-m/m	KN-m/m	KN-m/m
2012	~2	AGUA INT	-0.3207	-0.3207	-0.0208
2012	~4	AGUA INT	-0.6011	-0.3001	0.0735
2012	2043	AGUA INT	-0.2066	-0.2066	0.1678
2012	~1	DEAD	1.7124	-0.3996	0.6112
2012	2045	DEAD	0.1596	0.1596	0.8961
2012	~5	DEAD	-0.3996	1.7124	0.6112
2012	~2	DEAD	-4.7182	-4.7182	0.3262
2012	~1	TERRENO	0.4208	0.21	-0.0514
2012	2045	TERRENO	0.1447	0.1447	-0.1174
2012	~5	TERRENO	0.21	0.4208	-0.0514
2012	~2	TERRENO	0.2245	0.2245	0.0145
2012	~1	NF	0.6011	0.3001	-0.0735
2012	2045	NF	0.2066	0.2066	-0.1678
2012	~5	NF	0.3001	0.6011	-0.0735
2012	~2	NF	0.3207	0.3207	0.0208
2012	~1	SC	-1.960E-13	1.396E-14	-4.891E-14
2012	2045	SC	-1.829E-14	1.909E-14	-3.059E-14
2012	~5	SC	3.305E-14	-1.530E-13	-1.935E-14
2012	~2	SC	4.236E-13	3.487E-13	-6.948E-15
2012	~1	AGUA INT	-0.6011	-0.3001	0.0735
2012	2045	AGUA INT	-0.2066	-0.2066	0.1678
2012	~5	AGUA INT	-0.3001	-0.6011	0.0735
2012	~2	AGUA INT	-0.3207	-0.3207	-0.0208
2012	~2	DEAD	-4.7182	-4.7182	-0.3262
2012	~5	DEAD	-0.3996	1.7124	-0.6112
2012	2044	DEAD	0.1596	0.1596	-0.8961
2012	~4	DEAD	1.7124	-0.3996	-0.6112
2012	~2	TERRENO	0.2245	0.2245	-0.0145
2012	~5	TERRENO	0.21	0.4208	0.0514
2012	2044	TERRENO	0.1447	0.1447	0.1174
2012	~4	TERRENO	0.4208	0.21	0.0514
2012	~2	NF	0.3207	0.3207	-0.0208
2012	~5	NF	0.3001	0.6011	0.0735
2012	2044	NF	0.2066	0.2066	0.1678
2012	~4	NF	0.6011	0.3001	0.0735
2012	~2	SC	3.281E-13	3.489E-13	3.891E-14
2012	~5	SC	2.198E-15	-2.174E-13	4.108E-14
2012	2044	SC	3.108E-14	3.416E-14	5.665E-14
2012	~4	SC	-1.293E-13	1.172E-14	6.472E-14
2012	~2	AGUA INT	-0.3207	-0.3207	0.0208
2012	~5	AGUA INT	-0.3001	-0.6011	-0.0735
2012	2044	AGUA INT	-0.2066	-0.2066	-0.1678
2012	~4	AGUA INT	-0.6011	-0.3001	-0.0735
2114	1	DEAD	0.0302	-2.044E-04	-0.0019
2114	~6	DEAD	-0.0299	0.0018	-0.0019
2114	~7	DEAD	-0.0061	-0.0774	-0.0082
2114	~8	DEAD	-0.0169	-0.0375	-0.0082
2114	1	TERRENO	0.2012	0.0443	0.0822
2114	~6	TERRENO	-0.1975	-0.0255	0.0822
2114	~7	TERRENO	-0.9112	-0.1296	0.0946
2114	~8	TERRENO	0.9238	0.1926	0.0946
2114	1	NF	0.2874	0.0632	0.1174
2114	~6	NF	-0.2821	-0.0364	0.1174
2114	~7	NF	-1.3018	-0.1852	0.1351
2114	~8	NF	1.3197	0.2751	0.1351

Table 22: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-m/m	KN-m/m	KN-m/m
2114	1	SC	1.456E-13	-1.343E-14	-1.742E-14
2114	~6	SC	1.997E-14	2.255E-14	-3.540E-14
2114	~7	SC	6.122E-15	-4.461E-15	-2.382E-14
2114	~8	SC	6.628E-14	1.762E-14	-5.843E-15
2114	1	AGUA INT	-0.2874	-0.0632	-0.1174
2114	~6	AGUA INT	0.2821	0.0364	-0.1174
2114	~7	AGUA INT	1.3018	0.1852	-0.1351
2114	~8	AGUA INT	-1.3197	-0.2751	-0.1351
2114	~8	DEAD	-0.0195	-0.0505	-0.0219
2114	~7	DEAD	-0.0041	-0.0673	-0.0219
2114	~9	DEAD	0.2532	-0.0263	-0.0416
2114	~10	DEAD	-0.2714	-0.0645	-0.0416
2114	~8	TERRENO	0.9242	0.1944	0.0992
2114	~7	TERRENO	-0.906	-0.1034	0.0992
2114	~9	TERRENO	-1.4944	-0.8747	0.0116
2114	~10	TERRENO	1.3491	0.1483	0.0116
2114	~8	NF	1.3203	0.2778	0.1417
2114	~7	NF	-1.2942	-0.1476	0.1417
2114	~9	NF	-2.1349	-1.2496	0.0166
2114	~10	NF	1.9273	0.2118	0.0166
2114	~8	SC	5.981E-14	-1.473E-14	-8.348E-15
2114	~7	SC	4.697E-15	-1.158E-14	-1.497E-14
2114	~9	SC	-1.477E-15	3.563E-15	-1.127E-14
2114	~10	SC	3.925E-14	9.544E-15	-4.643E-15
2114	~8	AGUA INT	-1.3203	-0.2778	-0.1417
2114	~7	AGUA INT	1.2942	0.1476	-0.1417
2114	~9	AGUA INT	2.1349	1.2496	-0.0166
2114	~10	AGUA INT	-1.9273	-0.2118	-0.0166
2114	~10	DEAD	-0.2566	0.0094	-0.0575
2114	~9	DEAD	0.2343	-0.121	-0.0575
2114	~1	DEAD	0.2508	1.4799	0.1349
2114	2042	DEAD	0.1206	0.3772	0.1349
2114	~10	TERRENO	1.3491	0.1481	-0.1441
2114	~9	TERRENO	-1.499	-0.8978	-0.1441
2114	~1	TERRENO	-0.085	0.4769	-0.1465
2114	2042	TERRENO	0.1937	0.0666	-0.1465
2114	~10	NF	1.9273	0.2116	-0.2059
2114	~9	NF	-2.1415	-1.2826	-0.2059
2114	~1	NF	-0.1214	0.6813	-0.2092
2114	2042	NF	0.2767	0.0952	-0.2092
2114	~10	SC	2.971E-14	-3.820E-14	6.045E-15
2114	~9	SC	2.967E-15	2.579E-14	-1.308E-15
2114	~1	SC	-2.040E-14	-1.175E-13	-7.950E-15
2114	2042	SC	-9.749E-15	-1.679E-14	-5.960E-16
2114	~10	AGUA INT	-1.9273	-0.2116	0.2059
2114	~9	AGUA INT	2.1415	1.2826	0.2059
2114	~1	AGUA INT	0.1214	-0.6813	0.2092
2114	2042	AGUA INT	-0.2767	-0.0952	0.2092
2114	~6	DEAD	-0.0299	0.0018	0.0019
2114	3	DEAD	0.0302	-2.044E-04	0.0019
2114	~11	DEAD	-0.0169	-0.0375	0.0082
2114	~7	DEAD	-0.0061	-0.0774	0.0082
2114	~6	TERRENO	-0.1975	-0.0255	-0.0822
2114	3	TERRENO	0.2012	0.0443	-0.0822
2114	~11	TERRENO	0.9238	0.1926	-0.0946

Table 22: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-m/m	KN-m/m	KN-m/m
2114	~7	TERRENO	-0.9112	-0.1296	-0.0946
2114	~6	NF	-0.2821	-0.0364	-0.1174
2114	3	NF	0.2874	0.0632	-0.1174
2114	~11	NF	1.3197	0.2751	-0.1351
2114	~7	NF	-1.3018	-0.1852	-0.1351
2114	~6	SC	1.586E-14	2.173E-14	-3.154E-14
2114	3	SC	-1.681E-13	-2.811E-14	-1.575E-14
2114	~11	SC	-7.446E-14	-1.204E-14	-1.677E-14
2114	~7	SC	2.591E-15	-5.167E-15	-3.256E-14
2114	~6	AGUA INT	0.2821	0.0364	0.1174
2114	3	AGUA INT	-0.2874	-0.0632	0.1174
2114	~11	AGUA INT	-1.3197	-0.2751	0.1351
2114	~7	AGUA INT	1.3018	0.1852	0.1351
2114	~7	DEAD	-0.0041	-0.0673	0.0219
2114	~11	DEAD	-0.0195	-0.0505	0.0219
2114	~12	DEAD	-0.2714	-0.0645	0.0416
2114	~9	DEAD	0.2532	-0.0263	0.0416
2114	~7	TERRENO	-0.906	-0.1034	-0.0992
2114	~11	TERRENO	0.9242	0.1944	-0.0992
2114	~12	TERRENO	1.3491	0.1483	-0.0116
2114	~9	TERRENO	-1.4944	-0.8747	-0.0116
2114	~7	NF	-1.2942	-0.1476	-0.1417
2114	~11	NF	1.3203	0.2778	-0.1417
2114	~12	NF	1.9273	0.2118	-0.0166
2114	~9	NF	-2.1349	-1.2496	-0.0166
2114	~7	SC	1.166E-15	-1.229E-14	-2.019E-14
2114	~11	SC	-6.919E-14	1.432E-14	-1.062E-14
2114	~12	SC	-1.623E-14	1.256E-14	1.322E-15
2114	~9	SC	1.164E-15	4.091E-15	-8.249E-15
2114	~7	AGUA INT	1.2942	0.1476	0.1417
2114	~11	AGUA INT	-1.3203	-0.2778	0.1417
2114	~12	AGUA INT	-1.9273	-0.2118	0.0166
2114	~9	AGUA INT	2.1349	1.2496	0.0166
2114	~9	DEAD	0.2343	-0.121	0.0575
2114	~12	DEAD	-0.2566	0.0094	0.0575
2114	2045	DEAD	0.1206	0.3772	-0.1349
2114	~1	DEAD	0.2508	1.4799	-0.1349
2114	~9	TERRENO	-1.499	-0.8978	0.1441
2114	~12	TERRENO	1.3491	0.1481	0.1441
2114	2045	TERRENO	0.1937	0.0666	0.1465
2114	~1	TERRENO	-0.085	0.4769	0.1465
2114	~9	NF	-2.1415	-1.2826	0.2059
2114	~12	NF	1.9273	0.2116	0.2059
2114	2045	NF	0.2767	0.0952	0.2092
2114	~1	NF	-0.1214	0.6813	0.2092
2114	~9	SC	5.608E-15	2.631E-14	-7.593E-15
2114	~12	SC	-2.365E-14	-2.450E-14	-3.330E-15
2114	2045	SC	-4.145E-15	-4.274E-14	2.699E-15
2114	~1	SC	-2.418E-14	-1.183E-13	-1.564E-15
2114	~9	AGUA INT	2.1415	1.2826	-0.2059
2114	~12	AGUA INT	-1.9273	-0.2116	-0.2059
2114	2045	AGUA INT	-0.2767	-0.0952	-0.2092
2114	~1	AGUA INT	0.1214	-0.6813	-0.2092
2214	3	DEAD	0.0302	-2.044E-04	-0.0019
2214	~13	DEAD	-0.0299	0.0018	-0.0019

Table 22: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-m/m	KN-m/m	KN-m/m
2214	~14	DEAD	-0.0061	-0.0774	-0.0082
2214	~11	DEAD	-0.0169	-0.0375	-0.0082
2214	3	TERRENO	0.2012	0.0443	0.0822
2214	~13	TERRENO	-0.1975	-0.0255	0.0822
2214	~14	TERRENO	-0.9112	-0.1296	0.0946
2214	~11	TERRENO	0.9238	0.1926	0.0946
2214	3	NF	0.2874	0.0632	0.1174
2214	~13	NF	-0.2821	-0.0364	0.1174
2214	~14	NF	-1.3018	-0.1852	0.1351
2214	~11	NF	1.3197	0.2751	0.1351
2214	3	SC	-1.695E-13	-1.485E-14	1.629E-14
2214	~13	SC	1.477E-14	-2.220E-15	3.164E-14
2214	~14	SC	-1.034E-15	-1.127E-15	2.458E-14
2214	~11	SC	-7.193E-14	-8.417E-15	9.227E-15
2214	3	AGUA INT	-0.2874	-0.0632	-0.1174
2214	~13	AGUA INT	0.2821	0.0364	-0.1174
2214	~14	AGUA INT	1.3018	0.1852	-0.1351
2214	~11	AGUA INT	-1.3197	-0.2751	-0.1351
2214	~11	DEAD	-0.0195	-0.0505	-0.0219
2214	~14	DEAD	-0.0041	-0.0673	-0.0219
2214	~15	DEAD	0.2532	-0.0263	-0.0416
2214	~12	DEAD	-0.2714	-0.0645	-0.0416
2214	~11	TERRENO	0.9242	0.1944	0.0992
2214	~14	TERRENO	-0.906	-0.1034	0.0992
2214	~15	TERRENO	-1.4944	-0.8747	0.0116
2214	~12	TERRENO	1.3491	0.1483	0.0116
2214	~11	NF	1.3203	0.2778	0.1417
2214	~14	NF	-1.2942	-0.1476	0.1417
2214	~15	NF	-2.1349	-1.2496	0.0166
2214	~12	NF	1.9273	0.2118	0.0166
2214	~11	SC	-8.002E-14	-4.886E-14	1.682E-14
2214	~14	SC	3.181E-15	1.995E-14	2.571E-14
2214	~15	SC	-2.065E-14	-3.137E-14	1.782E-14
2214	~12	SC	1.764E-15	6.003E-14	8.941E-15
2214	~11	AGUA INT	-1.3203	-0.2778	-0.1417
2214	~14	AGUA INT	1.2942	0.1476	-0.1417
2214	~15	AGUA INT	2.1349	1.2496	-0.0166
2214	~12	AGUA INT	-1.9273	-0.2118	-0.0166
2214	~12	DEAD	-0.2566	0.0094	-0.0575
2214	~15	DEAD	0.2343	-0.121	-0.0575
2214	~5	DEAD	0.2508	1.4799	0.1349
2214	2045	DEAD	0.1206	0.3772	0.1349
2214	~12	TERRENO	1.3491	0.1481	-0.1441
2214	~15	TERRENO	-1.499	-0.8978	-0.1441
2214	~5	TERRENO	-0.085	0.4769	-0.1465
2214	2045	TERRENO	0.1937	0.0666	-0.1465
2214	~12	NF	1.9273	0.2116	-0.2059
2214	~15	NF	-2.1415	-1.2826	-0.2059
2214	~5	NF	-0.1214	0.6813	-0.2092
2214	2045	NF	0.2767	0.0952	-0.2092
2214	~12	SC	-1.924E-14	-4.498E-14	4.474E-15
2214	~15	SC	-1.337E-14	5.065E-15	8.554E-15
2214	~5	SC	-1.362E-14	-6.211E-14	9.741E-15
2214	2045	SC	-5.459E-15	-1.683E-14	5.661E-15
2214	~12	AGUA INT	-1.9273	-0.2116	0.2059

Table 22: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-m/m	KN-m/m	KN-m/m
2214	~15	AGUA INT	2.1415	1.2826	0.2059
2214	~5	AGUA INT	0.1214	-0.6813	0.2092
2214	2045	AGUA INT	-0.2767	-0.0952	0.2092
2214	~13	DEAD	-0.0299	0.0018	0.0019
2214	4	DEAD	0.0302	-2.044E-04	0.0019
2214	~16	DEAD	-0.0169	-0.0375	0.0082
2214	~14	DEAD	-0.0061	-0.0774	0.0082
2214	~13	TERRENO	-0.1975	-0.0255	-0.0822
2214	4	TERRENO	0.2012	0.0443	-0.0822
2214	~16	TERRENO	0.9238	0.1926	-0.0946
2214	~14	TERRENO	-0.9112	-0.1296	-0.0946
2214	~13	NF	-0.2821	-0.0364	-0.1174
2214	4	NF	0.2874	0.0632	-0.1174
2214	~16	NF	1.3197	0.2751	-0.1351
2214	~14	NF	-1.3018	-0.1852	-0.1351
2214	~13	SC	4.665E-15	-4.242E-15	2.180E-14
2214	4	SC	1.515E-13	4.407E-14	8.561E-15
2214	~16	SC	8.575E-14	3.120E-14	1.626E-14
2214	~14	SC	-7.501E-16	-1.070E-15	2.950E-14
2214	~13	AGUA INT	0.2821	0.0364	0.1174
2214	4	AGUA INT	-0.2874	-0.0632	0.1174
2214	~16	AGUA INT	-1.3197	-0.2751	0.1351
2214	~14	AGUA INT	1.3018	0.1852	0.1351
2214	~14	DEAD	-0.0041	-0.0673	0.0219
2214	~16	DEAD	-0.0195	-0.0505	0.0219
2214	~17	DEAD	-0.2714	-0.0645	0.0416
2214	~15	DEAD	0.2532	-0.0263	0.0416
2214	~14	TERRENO	-0.906	-0.1034	-0.0992
2214	~16	TERRENO	0.9242	0.1944	-0.0992
2214	~17	TERRENO	1.3491	0.1483	-0.0116
2214	~15	TERRENO	-1.4944	-0.8747	-0.0116
2214	~14	NF	-1.2942	-0.1476	-0.1417
2214	~16	NF	1.3203	0.2778	-0.1417
2214	~17	NF	1.9273	0.2118	-0.0166
2214	~15	NF	-2.1349	-1.2496	-0.0166
2214	~14	SC	3.466E-15	2.001E-14	2.133E-14
2214	~16	SC	7.402E-14	-2.741E-14	1.054E-14
2214	~17	SC	4.041E-14	1.116E-14	3.456E-15
2214	~15	SC	-2.195E-14	-3.163E-14	1.425E-14
2214	~14	AGUA INT	1.2942	0.1476	0.1417
2214	~16	AGUA INT	-1.3203	-0.2778	0.1417
2214	~17	AGUA INT	-1.9273	-0.2118	0.0166
2214	~15	AGUA INT	2.1349	1.2496	0.0166
2214	~15	DEAD	0.2343	-0.121	0.0575
2214	~17	DEAD	-0.2566	0.0094	0.0575
2214	2044	DEAD	0.1206	0.3772	-0.1349
2214	~5	DEAD	0.2508	1.4799	-0.1349
2214	~15	TERRENO	-1.499	-0.8978	0.1441
2214	~17	TERRENO	1.3491	0.1481	0.1441
2214	2044	TERRENO	0.1937	0.0666	0.1465
2214	~5	TERRENO	-0.085	0.4769	0.1465
2214	~15	NF	-2.1415	-1.2826	0.2059
2214	~17	NF	1.9273	0.2116	0.2059
2214	2044	NF	0.2767	0.0952	0.2092
2214	~5	NF	-0.1214	0.6813	0.2092

Table 22: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-m/m	KN-m/m	KN-m/m
2214	~15	SC	-1.466E-14	4.805E-15	1.185E-14
2214	~17	SC	3.689E-14	-6.456E-15	6.666E-15
2214	2044	SC	-1.120E-14	-3.306E-14	8.251E-15
2214	~5	SC	-1.232E-14	-6.185E-14	1.344E-14
2214	~15	AGUA INT	2.1415	1.2826	-0.2059
2214	~17	AGUA INT	-1.9273	-0.2116	-0.2059
2214	2044	AGUA INT	-0.2767	-0.0952	-0.2092
2214	~5	AGUA INT	0.1214	-0.6813	-0.2092
2314	2042	DEAD	0.1206	0.3772	-0.1349
2314	~3	DEAD	0.2508	1.4799	-0.1349
2314	~18	DEAD	0.2343	-0.121	0.0575
2314	~10	DEAD	-0.2566	0.0094	0.0575
2314	2042	TERRENO	0.1937	0.0666	0.1465
2314	~3	TERRENO	-0.085	0.4769	0.1465
2314	~18	TERRENO	-1.499	-0.8978	0.1441
2314	~10	TERRENO	1.3491	0.1481	0.1441
2314	2042	NF	0.2767	0.0952	0.2092
2314	~3	NF	-0.1214	0.6813	0.2092
2314	~18	NF	-2.1415	-1.2826	0.2059
2314	~10	NF	1.9273	0.2116	0.2059
2314	2042	SC	-8.994E-15	-1.366E-14	2.208E-14
2314	~3	SC	-7.967E-16	-7.143E-14	2.203E-14
2314	~18	SC	-1.341E-14	8.854E-15	4.136E-15
2314	~10	SC	2.949E-14	3.689E-14	4.193E-15
2314	2042	AGUA INT	-0.2767	-0.0952	-0.2092
2314	~3	AGUA INT	0.1214	-0.6813	-0.2092
2314	~18	AGUA INT	2.1415	1.2826	-0.2059
2314	~10	AGUA INT	-1.9273	-0.2116	-0.2059
2314	~10	DEAD	-0.2714	-0.0645	0.0416
2314	~18	DEAD	0.2532	-0.0263	0.0416
2314	~19	DEAD	-0.0041	-0.0673	0.0219
2314	~8	DEAD	-0.0195	-0.0505	0.0219
2314	~10	TERRENO	1.3491	0.1483	-0.0116
2314	~18	TERRENO	-1.4944	-0.8747	-0.0116
2314	~19	TERRENO	-0.906	-0.1034	-0.0992
2314	~8	TERRENO	0.9242	0.1944	-0.0992
2314	~10	NF	1.9273	0.2118	-0.0166
2314	~18	NF	-2.1349	-1.2496	-0.0166
2314	~19	NF	-1.2942	-0.1476	-0.1417
2314	~8	NF	1.3203	0.2778	-0.1417
2314	~10	SC	2.046E-14	-8.248E-15	-2.296E-15
2314	~18	SC	-1.448E-14	3.497E-15	9.669E-15
2314	~19	SC	5.033E-15	1.174E-14	2.534E-14
2314	~8	SC	6.131E-14	-2.737E-14	1.338E-14
2314	~10	AGUA INT	-1.9273	-0.2118	0.0166
2314	~18	AGUA INT	2.1349	1.2496	0.0166
2314	~19	AGUA INT	1.2942	0.1476	0.1417
2314	~8	AGUA INT	-1.3203	-0.2778	0.1417
2314	~8	DEAD	-0.0169	-0.0375	0.0082
2314	~19	DEAD	-0.0061	-0.0774	0.0082
2314	~20	DEAD	-0.0299	0.0018	0.0019
2314	1	DEAD	0.0302	-2.044E-04	0.0019
2314	~8	TERRENO	0.9238	0.1926	-0.0946
2314	~19	TERRENO	-0.9112	-0.1296	-0.0946
2314	~20	TERRENO	-0.1975	-0.0255	-0.0822

Table 22: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-m/m	KN-m/m	KN-m/m
2314	1	TERRENO	0.2012	0.0443	-0.0822
2314	~8	NF	1.3197	0.2751	-0.1351
2314	~19	NF	-1.3018	-0.1852	-0.1351
2314	~20	NF	-0.2821	-0.0364	-0.1174
2314	1	NF	0.2874	0.0632	-0.1174
2314	~8	SC	7.520E-14	4.209E-14	1.751E-14
2314	~19	SC	1.771E-15	-4.566E-15	3.044E-14
2314	~20	SC	-1.246E-14	7.254E-15	2.574E-14
2314	1	SC	1.569E-13	2.989E-14	1.281E-14
2314	~8	AGUA INT	-1.3197	-0.2751	0.1351
2314	~19	AGUA INT	1.3018	0.1852	0.1351
2314	~20	AGUA INT	0.2821	0.0364	0.1174
2314	1	AGUA INT	-0.2874	-0.0632	0.1174
2314	~3	DEAD	0.2508	1.4799	0.1349
2314	2043	DEAD	0.1206	0.3772	0.1349
2314	~21	DEAD	-0.2566	0.0094	-0.0575
2314	~18	DEAD	0.2343	-0.121	-0.0575
2314	~3	TERRENO	-0.085	0.4769	-0.1465
2314	2043	TERRENO	0.1937	0.0666	-0.1465
2314	~21	TERRENO	1.3491	0.1481	-0.1441
2314	~18	TERRENO	-1.499	-0.8978	-0.1441
2314	~3	NF	-0.1214	0.6813	-0.2092
2314	2043	NF	0.2767	0.0952	-0.2092
2314	~21	NF	1.9273	0.2116	-0.2059
2314	~18	NF	-2.1415	-1.2826	-0.2059
2314	~3	SC	-1.659E-14	-7.459E-14	7.414E-16
2314	2043	SC	-5.126E-15	-9.855E-15	-2.250E-15
2314	~21	SC	-4.903E-15	5.896E-15	1.086E-14
2314	~18	SC	-1.258E-14	9.021E-15	1.385E-14
2314	~3	AGUA INT	0.1214	-0.6813	0.2092
2314	2043	AGUA INT	-0.2767	-0.0952	0.2092
2314	~21	AGUA INT	-1.9273	-0.2116	0.2059
2314	~18	AGUA INT	2.1415	1.2826	0.2059
2314	~18	DEAD	0.2532	-0.0263	-0.0416
2314	~21	DEAD	-0.2714	-0.0645	-0.0416
2314	~22	DEAD	-0.0195	-0.0505	-0.0219
2314	~19	DEAD	-0.0041	-0.0673	-0.0219
2314	~18	TERRENO	-1.4944	-0.8747	0.0116
2314	~21	TERRENO	1.3491	0.1483	0.0116
2314	~22	TERRENO	0.9242	0.1944	0.0992
2314	~19	TERRENO	-0.906	-0.1034	0.0992
2314	~18	NF	-2.1349	-1.2496	0.0166
2314	~21	NF	1.9273	0.2118	0.0166
2314	~22	NF	1.3203	0.2778	0.1417
2314	~19	NF	-1.2942	-0.1476	0.1417
2314	~18	SC	-1.365E-14	3.664E-15	1.855E-14
2314	~21	SC	-6.518E-15	-2.180E-15	8.496E-15
2314	~22	SC	-5.954E-14	2.691E-14	1.322E-14
2314	~19	SC	-6.175E-15	9.501E-15	2.327E-14
2314	~18	AGUA INT	2.1349	1.2496	-0.0166
2314	~21	AGUA INT	-1.9273	-0.2118	-0.0166
2314	~22	AGUA INT	-1.3203	-0.2778	-0.1417
2314	~19	AGUA INT	1.2942	0.1476	-0.1417
2314	~19	DEAD	-0.0061	-0.0774	-0.0082
2314	~22	DEAD	-0.0169	-0.0375	-0.0082

Table 22: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-m/m	KN-m/m	KN-m/m
2314	2	DEAD	0.0302	-2.044E-04	-0.0019
2314	~20	DEAD	-0.0299	0.0018	-0.0019
2314	~19	TERRENO	-0.9112	-0.1296	0.0946
2314	~22	TERRENO	0.9238	0.1926	0.0946
2314	2	TERRENO	0.2012	0.0443	0.0822
2314	~20	TERRENO	-0.1975	-0.0255	0.0822
2314	~19	NF	-1.3018	-0.1852	0.1351
2314	~22	NF	1.3197	0.2751	0.1351
2314	2	NF	0.2874	0.0632	0.1174
2314	~20	NF	-0.2821	-0.0364	0.1174
2314	~19	SC	-9.437E-15	-6.808E-15	3.058E-14
2314	~22	SC	-6.685E-14	-9.648E-15	1.704E-14
2314	2	SC	-1.649E-13	-5.234E-14	1.240E-14
2314	~20	SC	1.312E-14	1.237E-14	2.594E-14
2314	~19	AGUA INT	1.3018	0.1852	-0.1351
2314	~22	AGUA INT	-1.3197	-0.2751	-0.1351
2314	2	AGUA INT	-0.2874	-0.0632	-0.1174
2314	~20	AGUA INT	0.2821	0.0364	-0.1174
2414	4	DEAD	0.0302	-2.044E-04	-0.0019
2414	~23	DEAD	-0.0299	0.0018	-0.0019
2414	~24	DEAD	-0.0061	-0.0774	-0.0082
2414	~16	DEAD	-0.0169	-0.0375	-0.0082
2414	4	TERRENO	0.2012	0.0443	0.0822
2414	~23	TERRENO	-0.1975	-0.0255	0.0822
2414	~24	TERRENO	-0.9112	-0.1296	0.0946
2414	~16	TERRENO	0.9238	0.1926	0.0946
2414	4	NF	0.2874	0.0632	0.1174
2414	~23	NF	-0.2821	-0.0364	0.1174
2414	~24	NF	-1.3018	-0.1852	0.1351
2414	~16	NF	1.3197	0.2751	0.1351
2414	4	SC	1.403E-13	3.886E-14	3.444E-15
2414	~23	SC	8.853E-15	1.012E-14	-1.004E-14
2414	~24	SC	-1.662E-14	-2.513E-14	-3.040E-14
2414	~16	SC	9.749E-14	8.499E-14	-1.692E-14
2414	4	AGUA INT	-0.2874	-0.0632	-0.1174
2414	~23	AGUA INT	0.2821	0.0364	-0.1174
2414	~24	AGUA INT	1.3018	0.1852	-0.1351
2414	~16	AGUA INT	-1.3197	-0.2751	-0.1351
2414	~16	DEAD	-0.0195	-0.0505	-0.0219
2414	~24	DEAD	-0.0041	-0.0673	-0.0219
2414	~25	DEAD	0.2532	-0.0263	-0.0416
2414	~17	DEAD	-0.2714	-0.0645	-0.0416
2414	~16	TERRENO	0.9242	0.1944	0.0992
2414	~24	TERRENO	-0.906	-0.1034	0.0992
2414	~25	TERRENO	-1.4944	-0.8747	0.0116
2414	~17	TERRENO	1.3491	0.1483	0.0116
2414	~16	NF	1.3203	0.2778	0.1417
2414	~24	NF	-1.2942	-0.1476	0.1417
2414	~25	NF	-2.1349	-1.2496	0.0166
2414	~17	NF	1.9273	0.2118	0.0166
2414	~16	SC	6.898E-14	-5.756E-14	-1.802E-14
2414	~24	SC	-7.801E-15	1.898E-14	-2.752E-14
2414	~25	SC	-1.607E-14	6.426E-15	-5.998E-15
2414	~17	SC	3.950E-14	1.457E-14	3.504E-15
2414	~16	AGUA INT	-1.3203	-0.2778	-0.1417

Table 22: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-m/m	KN-m/m	KN-m/m
2414	~24	AGUA INT	1.2942	0.1476	-0.1417
2414	~25	AGUA INT	2.1349	1.2496	-0.0166
2414	~17	AGUA INT	-1.9273	-0.2118	-0.0166
2414	~17	DEAD	-0.2566	0.0094	-0.0575
2414	~25	DEAD	0.2343	-0.121	-0.0575
2414	~4	DEAD	0.2508	1.4799	0.1349
2414	2044	DEAD	0.1206	0.3772	0.1349
2414	~17	TERRENO	1.3491	0.1481	-0.1441
2414	~25	TERRENO	-1.499	-0.8978	-0.1441
2414	~4	TERRENO	-0.085	0.4769	-0.1465
2414	2044	TERRENO	0.1937	0.0666	-0.1465
2414	~17	NF	1.9273	0.2116	-0.2059
2414	~25	NF	-2.1415	-1.2826	-0.2059
2414	~4	NF	-0.1214	0.6813	-0.2092
2414	2044	NF	0.2767	0.0952	-0.2092
2414	~17	SC	3.851E-14	9.637E-15	3.069E-15
2414	~25	SC	-1.540E-14	9.763E-15	9.747E-16
2414	~4	SC	-9.744E-15	-1.021E-13	-1.353E-14
2414	2044	SC	-7.754E-15	-2.684E-14	-1.143E-14
2414	~17	AGUA INT	-1.9273	-0.2116	0.2059
2414	~25	AGUA INT	2.1415	1.2826	0.2059
2414	~4	AGUA INT	0.1214	-0.6813	0.2092
2414	2044	AGUA INT	-0.2767	-0.0952	0.2092
2414	~23	DEAD	-0.0299	0.0018	0.0019
2414	2	DEAD	0.0302	-2.044E-04	0.0019
2414	~22	DEAD	-0.0169	-0.0375	0.0082
2414	~24	DEAD	-0.0061	-0.0774	0.0082
2414	~23	TERRENO	-0.1975	-0.0255	-0.0822
2414	2	TERRENO	0.2012	0.0443	-0.0822
2414	~22	TERRENO	0.9238	0.1926	-0.0946
2414	~24	TERRENO	-0.9112	-0.1296	-0.0946
2414	~23	NF	-0.2821	-0.0364	-0.1174
2414	2	NF	0.2874	0.0632	-0.1174
2414	~22	NF	1.3197	0.2751	-0.1351
2414	~24	NF	-1.3018	-0.1852	-0.1351
2414	~23	SC	9.072E-15	1.016E-14	-2.578E-14
2414	2	SC	-1.616E-13	-6.182E-14	-1.285E-14
2414	~22	SC	-6.366E-14	1.363E-14	-1.050E-14
2414	~24	SC	-1.313E-14	-2.443E-14	-2.344E-14
2414	~23	AGUA INT	0.2821	0.0364	0.1174
2414	2	AGUA INT	-0.2874	-0.0632	0.1174
2414	~22	AGUA INT	-1.3197	-0.2751	0.1351
2414	~24	AGUA INT	1.3018	0.1852	0.1351
2414	~24	DEAD	-0.0041	-0.0673	0.0219
2414	~22	DEAD	-0.0195	-0.0505	0.0219
2414	~21	DEAD	-0.2714	-0.0645	0.0416
2414	~25	DEAD	0.2532	-0.0263	0.0416
2414	~24	TERRENO	-0.906	-0.1034	-0.0992
2414	~22	TERRENO	0.9242	0.1944	-0.0992
2414	~21	TERRENO	1.3491	0.1483	-0.0116
2414	~25	TERRENO	-1.4944	-0.8747	-0.0116
2414	~24	NF	-1.2942	-0.1476	-0.1417
2414	~22	NF	1.3203	0.2778	-0.1417
2414	~21	NF	1.9273	0.2118	-0.0166
2414	~25	NF	-2.1349	-1.2496	-0.0166

Table 22: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-m/m	KN-m/m	KN-m/m
2414	~24	SC	-4.303E-15	1.968E-14	-1.815E-14
2414	~22	SC	-6.948E-14	-1.547E-14	-7.769E-15
2414	~21	SC	6.530E-15	2.463E-14	-9.681E-15
2414	~25	SC	-2.090E-14	5.459E-15	-2.006E-14
2414	~24	AGUA INT	1.2942	0.1476	0.1417
2414	~22	AGUA INT	-1.3203	-0.2778	0.1417
2414	~21	AGUA INT	-1.9273	-0.2118	0.0166
2414	~25	AGUA INT	2.1349	1.2496	0.0166
2414	~25	DEAD	0.2343	-0.121	0.0575
2414	~21	DEAD	-0.2566	0.0094	0.0575
2414	2043	DEAD	0.1206	0.3772	-0.1349
2414	~4	DEAD	0.2508	1.4799	-0.1349
2414	~25	TERRENO	-1.499	-0.8978	0.1441
2414	~21	TERRENO	1.3491	0.1481	0.1441
2414	2043	TERRENO	0.1937	0.0666	0.1465
2414	~4	TERRENO	-0.085	0.4769	0.1465
2414	~25	NF	-2.1415	-1.2826	0.2059
2414	~21	NF	1.9273	0.2116	0.2059
2414	2043	NF	0.2767	0.0952	0.2092
2414	~4	NF	-0.1214	0.6813	0.2092
2414	~25	SC	-2.024E-14	8.795E-15	-8.241E-15
2414	~21	SC	9.379E-15	3.888E-14	-4.999E-15
2414	2043	SC	-1.378E-14	-5.182E-14	1.206E-14
2414	~4	SC	-2.090E-14	-1.043E-13	8.821E-15
2414	~25	AGUA INT	2.1415	1.2826	-0.2059
2414	~21	AGUA INT	-1.9273	-0.2116	-0.2059
2414	2043	AGUA INT	-0.2767	-0.0952	-0.2092
2414	~4	AGUA INT	0.1214	-0.6813	-0.2092

Table 22: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/m	KN/m
2012	2042	DEAD	1.13	-1.13
2012	~1	DEAD	8.95	-1.13
2012	~2	DEAD	8.95	-8.95
2012	~3	DEAD	1.13	-8.95
2012	2042	TERRENO	-0.18	0.18
2012	~1	TERRENO	0.17	0.18
2012	~2	TERRENO	0.17	-0.17
2012	~3	TERRENO	-0.18	-0.17
2012	2042	NF	-0.25	0.25
2012	~1	NF	0.25	0.25
2012	~2	NF	0.25	-0.25
2012	~3	NF	-0.25	-0.25
2012	2042	SC	7.436E-14	-2.833E-15
2012	~1	SC	-7.261E-13	2.118E-14
2012	~2	SC	-7.261E-13	8.798E-13
2012	~3	SC	7.436E-14	6.780E-13
2012	2042	AGUA INT	0.25	-0.25
2012	~1	AGUA INT	-0.25	-0.25
2012	~2	AGUA INT	-0.25	0.25
2012	~3	AGUA INT	0.25	0.25
2012	~3	DEAD	-1.13	-8.95
2012	~2	DEAD	-8.95	-8.95
2012	~4	DEAD	-8.95	-1.13

Table 22: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/m	KN/m
2012	2043	DEAD	-1.13	-1.13
2012	~3	TERRENO	0.18	-0.17
2012	~2	TERRENO	-0.17	-0.17
2012	~4	TERRENO	-0.17	0.18
2012	2043	TERRENO	0.18	0.18
2012	~3	NF	0.25	-0.25
2012	~2	NF	-0.25	-0.25
2012	~4	NF	-0.25	0.25
2012	2043	NF	0.25	0.25
2012	~3	SC	5.341E-13	6.804E-13
2012	~2	SC	5.781E-13	7.325E-13
2012	~4	SC	6.983E-13	2.084E-13
2012	2043	SC	8.551E-14	1.409E-14
2012	~3	AGUA INT	-0.25	0.25
2012	~2	AGUA INT	0.25	0.25
2012	~4	AGUA INT	0.25	-0.25
2012	2043	AGUA INT	-0.25	-0.25
2012	~1	DEAD	8.95	1.13
2012	2045	DEAD	1.13	1.13
2012	~5	DEAD	1.13	8.95
2012	~2	DEAD	8.95	8.95
2012	~1	TERRENO	0.17	-0.18
2012	2045	TERRENO	-0.18	-0.18
2012	~5	TERRENO	-0.18	0.17
2012	~2	TERRENO	0.17	0.17
2012	~1	NF	0.25	-0.25
2012	2045	NF	-0.25	-0.25
2012	~5	NF	-0.25	0.25
2012	~2	NF	0.25	0.25
2012	~1	SC	-4.616E-13	-2.501E-13
2012	2045	SC	-1.919E-13	-2.261E-13
2012	~5	SC	-7.164E-14	-4.964E-13
2012	~2	SC	-9.103E-13	-6.982E-13
2012	~1	AGUA INT	-0.25	0.25
2012	2045	AGUA INT	0.25	0.25
2012	~5	AGUA INT	0.25	-0.25
2012	~2	AGUA INT	-0.25	-0.25
2012	~2	DEAD	-8.95	8.95
2012	~5	DEAD	-1.13	8.95
2012	2044	DEAD	-1.13	1.13
2012	~4	DEAD	-8.95	1.13
2012	~2	TERRENO	-0.17	0.17
2012	~5	TERRENO	0.18	0.17
2012	2044	TERRENO	0.18	-0.18
2012	~4	TERRENO	-0.17	-0.18
2012	~2	NF	-0.25	0.25
2012	~5	NF	0.25	0.25
2012	2044	NF	0.25	-0.25
2012	~4	NF	-0.25	-0.25
2012	~2	SC	7.033E-13	-7.186E-13
2012	~5	SC	2.312E-13	-6.666E-13
2012	2044	SC	6.699E-14	1.024E-13
2012	~4	SC	5.391E-13	-9.186E-14
2012	~2	AGUA INT	0.25	-0.25
2012	~5	AGUA INT	-0.25	-0.25

Table 22: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/m	KN/m
2012	2044	AGUA INT	-0.25	0.25
2012	~4	AGUA INT	0.25	0.25
2114	1	DEAD	-8.793E-02	-4.567E-02
2114	~6	DEAD	-8.793E-02	-9.706E-02
2114	~7	DEAD	6.599E-03	-9.706E-02
2114	~8	DEAD	6.599E-03	-4.567E-02
2114	1	TERRENO	-0.52	0.18
2114	~6	TERRENO	-0.52	-0.13
2114	~7	TERRENO	-2.43	-0.13
2114	~8	TERRENO	-2.43	0.18
2114	1	NF	-0.74	0.26
2114	~6	NF	-0.74	-0.18
2114	~7	NF	-3.47	-0.18
2114	~8	NF	-3.47	0.26
2114	1	SC	-1.533E-13	1.405E-14
2114	~6	SC	-1.533E-13	-5.703E-14
2114	~7	SC	-6.603E-14	-5.703E-14
2114	~8	SC	-6.603E-14	1.405E-14
2114	1	AGUA INT	0.74	-0.26
2114	~6	AGUA INT	0.74	0.18
2114	~7	AGUA INT	3.47	0.18
2114	~8	AGUA INT	3.47	-0.26
2114	~8	DEAD	-3.520E-03	-1.715E-02
2114	~7	DEAD	-3.520E-03	5.017E-02
2114	~9	DEAD	0.68	5.017E-02
2114	~10	DEAD	0.68	-1.715E-02
2114	~8	TERRENO	-2.55	-5.655E-02
2114	~7	TERRENO	-2.55	-0.94
2114	~9	TERRENO	-3.9	-0.94
2114	~10	TERRENO	-3.9	-5.655E-02
2114	~8	NF	-3.64	-8.078E-02
2114	~7	NF	-3.64	-1.35
2114	~9	NF	-5.57	-1.35
2114	~10	NF	-5.57	-8.078E-02
2114	~8	SC	-6.895E-14	2.089E-14
2114	~7	SC	-6.895E-14	9.717E-15
2114	~9	SC	-4.977E-14	9.717E-15
2114	~10	SC	-4.977E-14	2.089E-14
2114	~8	AGUA INT	3.64	8.078E-02
2114	~7	AGUA INT	3.64	1.35
2114	~9	AGUA INT	5.57	1.35
2114	~10	AGUA INT	5.57	8.078E-02
2114	~10	DEAD	0.89	0.45
2114	~9	DEAD	0.89	1.96
2114	~1	DEAD	0.41	1.96
2114	2042	DEAD	0.41	0.45
2114	~10	TERRENO	-3.8	-9.980E-02
2114	~9	TERRENO	-3.8	1.68
2114	~1	TERRENO	-0.37	1.68
2114	2042	TERRENO	-0.37	-9.980E-02
2114	~10	NF	-5.43	-0.14
2114	~9	NF	-5.43	2.4
2114	~1	NF	-0.53	2.4
2114	2042	NF	-0.53	-0.14
2114	~10	SC	-4.378E-14	1.640E-14

Table 22: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/m	KN/m
2114	~9	SC	-4.378E-14	-1.853E-13
2114	~1	SC	-2.233E-14	-1.853E-13
2114	2042	SC	-2.233E-14	1.640E-14
2114	~10	AGUA INT	5.43	0.14
2114	~9	AGUA INT	5.43	-2.4
2114	~1	AGUA INT	0.53	-2.4
2114	2042	AGUA INT	0.53	0.14
2114	~6	DEAD	8.793E-02	-9.706E-02
2114	3	DEAD	8.793E-02	-4.567E-02
2114	~11	DEAD	-6.599E-03	-4.567E-02
2114	~7	DEAD	-6.599E-03	-9.706E-02
2114	~6	TERRENO	0.52	-0.13
2114	3	TERRENO	0.52	0.18
2114	~11	TERRENO	2.43	0.18
2114	~7	TERRENO	2.43	-0.13
2114	~6	NF	0.74	-0.18
2114	3	NF	0.74	0.26
2114	~11	NF	3.47	0.26
2114	~7	NF	3.47	-0.18
2114	~6	SC	-2.466E-13	-1.187E-14
2114	3	SC	-2.466E-13	4.075E-14
2114	~11	SC	-1.040E-13	4.075E-14
2114	~7	SC	-1.040E-13	-1.187E-14
2114	~6	AGUA INT	-0.74	0.18
2114	3	AGUA INT	-0.74	-0.26
2114	~11	AGUA INT	-3.47	-0.26
2114	~7	AGUA INT	-3.47	0.18
2114	~7	DEAD	3.520E-03	5.017E-02
2114	~11	DEAD	3.520E-03	-1.715E-02
2114	~12	DEAD	-0.68	-1.715E-02
2114	~9	DEAD	-0.68	5.017E-02
2114	~7	TERRENO	2.55	-0.94
2114	~11	TERRENO	2.55	-5.655E-02
2114	~12	TERRENO	3.9	-5.655E-02
2114	~9	TERRENO	3.9	-0.94
2114	~7	NF	3.64	-1.35
2114	~11	NF	3.64	-8.078E-02
2114	~12	NF	5.57	-8.078E-02
2114	~9	NF	5.57	-1.35
2114	~7	SC	-7.919E-14	3.282E-14
2114	~11	SC	-7.919E-14	1.062E-14
2114	~12	SC	-8.577E-15	1.062E-14
2114	~9	SC	-8.577E-15	3.282E-14
2114	~7	AGUA INT	-3.64	1.35
2114	~11	AGUA INT	-3.64	8.078E-02
2114	~12	AGUA INT	-5.57	8.078E-02
2114	~9	AGUA INT	-5.57	1.35
2114	~9	DEAD	-0.89	1.96
2114	~12	DEAD	-0.89	0.45
2114	2045	DEAD	-0.41	0.45
2114	~1	DEAD	-0.41	1.96
2114	~9	TERRENO	3.8	1.68
2114	~12	TERRENO	3.8	-9.980E-02
2114	2045	TERRENO	0.37	-9.980E-02
2114	~1	TERRENO	0.37	1.68

Table 22: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/m	KN/m
2114	~9	NF	5.43	2.4
2114	~12	NF	5.43	-0.14
2114	2045	NF	0.53	-0.14
2114	~1	NF	0.53	2.4
2114	~9	SC	-3.162E-14	-1.714E-13
2114	~12	SC	-3.162E-14	-1.665E-14
2114	2045	SC	3.409E-14	-1.665E-14
2114	~1	SC	3.409E-14	-1.714E-13
2114	~9	AGUA INT	-5.43	-2.4
2114	~12	AGUA INT	-5.43	0.14
2114	2045	AGUA INT	-0.53	0.14
2114	~1	AGUA INT	-0.53	-2.4
2214	3	DEAD	-8.793E-02	-4.567E-02
2214	~13	DEAD	-8.793E-02	-9.706E-02
2214	~14	DEAD	6.599E-03	-9.706E-02
2214	~11	DEAD	6.599E-03	-4.567E-02
2214	3	TERRENO	-0.52	0.18
2214	~13	TERRENO	-0.52	-0.13
2214	~14	TERRENO	-2.43	-0.13
2214	~11	TERRENO	-2.43	0.18
2214	3	NF	-0.74	0.26
2214	~13	NF	-0.74	-0.18
2214	~14	NF	-3.47	-0.18
2214	~11	NF	-3.47	0.26
2214	3	SC	2.371E-13	2.836E-14
2214	~13	SC	2.371E-13	2.181E-14
2214	~14	SC	8.588E-14	2.181E-14
2214	~11	SC	8.588E-14	2.836E-14
2214	3	AGUA INT	0.74	-0.26
2214	~13	AGUA INT	0.74	0.18
2214	~14	AGUA INT	3.47	0.18
2214	~11	AGUA INT	3.47	-0.26
2214	~11	DEAD	-3.520E-03	-1.715E-02
2214	~14	DEAD	-3.520E-03	5.017E-02
2214	~15	DEAD	0.68	5.017E-02
2214	~12	DEAD	0.68	-1.715E-02
2214	~11	TERRENO	-2.55	-5.655E-02
2214	~14	TERRENO	-2.55	-0.94
2214	~15	TERRENO	-3.9	-0.94
2214	~12	TERRENO	-3.9	-5.655E-02
2214	~11	NF	-3.64	-8.078E-02
2214	~14	NF	-3.64	-1.35
2214	~15	NF	-5.57	-1.35
2214	~12	NF	-5.57	-8.078E-02
2214	~11	SC	1.013E-13	1.452E-13
2214	~14	SC	1.013E-13	-5.100E-14
2214	~15	SC	-3.954E-14	-5.100E-14
2214	~12	SC	-3.954E-14	1.452E-13
2214	~11	AGUA INT	3.64	8.078E-02
2214	~14	AGUA INT	3.64	1.35
2214	~15	AGUA INT	5.57	1.35
2214	~12	AGUA INT	5.57	8.078E-02
2214	~12	DEAD	0.89	0.45
2214	~15	DEAD	0.89	1.96
2214	~5	DEAD	0.41	1.96

Table 22: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/m	KN/m
2214	2045	DEAD	0.41	0.45
2214	~12	TERRENO	-3.8	-9.980E-02
2214	~15	TERRENO	-3.8	1.68
2214	~5	TERRENO	-0.37	1.68
2214	2045	TERRENO	-0.37	-9.980E-02
2214	~12	NF	-5.43	-0.14
2214	~15	NF	-5.43	2.4
2214	~5	NF	-0.53	2.4
2214	2045	NF	-0.53	-0.14
2214	~12	SC	9.281E-15	3.991E-14
2214	~15	SC	9.281E-15	-7.681E-14
2214	~5	SC	-9.433E-15	-7.681E-14
2214	2045	SC	-9.433E-15	3.991E-14
2214	~12	AGUA INT	5.43	0.14
2214	~15	AGUA INT	5.43	-2.4
2214	~5	AGUA INT	0.53	-2.4
2214	2045	AGUA INT	0.53	0.14
2214	~13	DEAD	8.793E-02	-9.706E-02
2214	4	DEAD	8.793E-02	-4.567E-02
2214	~16	DEAD	-6.599E-03	-4.567E-02
2214	~14	DEAD	-6.599E-03	-9.706E-02
2214	~13	TERRENO	0.52	-0.13
2214	4	TERRENO	0.52	0.18
2214	~16	TERRENO	2.43	0.18
2214	~14	TERRENO	2.43	-0.13
2214	~13	NF	0.74	-0.18
2214	4	NF	0.74	0.26
2214	~16	NF	3.47	0.26
2214	~14	NF	3.47	-0.18
2214	~13	SC	2.052E-13	-1.377E-14
2214	4	SC	2.052E-13	-3.341E-14
2214	~16	SC	1.248E-13	-3.341E-14
2214	~14	SC	1.248E-13	-1.377E-14
2214	~13	AGUA INT	-0.74	0.18
2214	4	AGUA INT	-0.74	-0.26
2214	~16	AGUA INT	-3.47	-0.26
2214	~14	AGUA INT	-3.47	0.18
2214	~14	DEAD	3.520E-03	5.017E-02
2214	~16	DEAD	3.520E-03	-1.715E-02
2214	~17	DEAD	-0.68	-1.715E-02
2214	~15	DEAD	-0.68	5.017E-02
2214	~14	TERRENO	2.55	-0.94
2214	~16	TERRENO	2.55	-5.655E-02
2214	~17	TERRENO	3.9	-5.655E-02
2214	~15	TERRENO	3.9	-0.94
2214	~14	NF	3.64	-1.35
2214	~16	NF	3.64	-8.078E-02
2214	~17	NF	5.57	-8.078E-02
2214	~15	NF	5.57	-1.35
2214	~14	SC	8.541E-14	-7.762E-14
2214	~16	SC	8.541E-14	3.284E-14
2214	~17	SC	7.448E-14	3.284E-14
2214	~15	SC	7.448E-14	-7.762E-14
2214	~14	AGUA INT	-3.64	1.35
2214	~16	AGUA INT	-3.64	8.078E-02

Table 22: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/m	KN/m
2214	~17	AGUA INT	-5.57	8.078E-02
2214	~15	AGUA INT	-5.57	1.35
2214	~15	DEAD	-0.89	1.96
2214	~17	DEAD	-0.89	0.45
2214	2044	DEAD	-0.41	0.45
2214	~5	DEAD	-0.41	1.96
2214	~15	TERRENO	3.8	1.68
2214	~17	TERRENO	3.8	-9.980E-02
2214	2044	TERRENO	0.37	-9.980E-02
2214	~5	TERRENO	0.37	1.68
2214	~15	NF	5.43	2.4
2214	~17	NF	5.43	-0.14
2214	2044	NF	0.53	-0.14
2214	~5	NF	0.53	2.4
2214	~15	SC	7.068E-14	-8.853E-14
2214	~17	SC	7.068E-14	-3.950E-14
2214	2044	SC	3.431E-15	-3.950E-14
2214	~5	SC	3.431E-15	-8.853E-14
2214	~15	AGUA INT	-5.43	-2.4
2214	~17	AGUA INT	-5.43	0.14
2214	2044	AGUA INT	-0.53	0.14
2214	~5	AGUA INT	-0.53	-2.4
2314	2042	DEAD	-0.41	0.45
2314	~3	DEAD	-0.41	1.96
2314	~18	DEAD	-0.89	1.96
2314	~10	DEAD	-0.89	0.45
2314	2042	TERRENO	0.37	-9.980E-02
2314	~3	TERRENO	0.37	1.68
2314	~18	TERRENO	3.8	1.68
2314	~10	TERRENO	3.8	-9.980E-02
2314	2042	NF	0.53	-0.14
2314	~3	NF	0.53	2.4
2314	~18	NF	5.43	2.4
2314	~10	NF	5.43	-0.14
2314	2042	SC	1.098E-14	-6.181E-14
2314	~3	SC	1.098E-14	-9.824E-14
2314	~18	SC	7.910E-14	-9.824E-14
2314	~10	SC	7.910E-14	-6.181E-14
2314	2042	AGUA INT	-0.53	0.14
2314	~3	AGUA INT	-0.53	-2.4
2314	~18	AGUA INT	-5.43	-2.4
2314	~10	AGUA INT	-5.43	0.14
2314	~10	DEAD	-0.68	-1.715E-02
2314	~18	DEAD	-0.68	5.017E-02
2314	~19	DEAD	3.520E-03	5.017E-02
2314	~8	DEAD	3.520E-03	-1.715E-02
2314	~10	TERRENO	3.9	-5.655E-02
2314	~18	TERRENO	3.9	-0.94
2314	~19	TERRENO	2.55	-0.94
2314	~8	TERRENO	2.55	-5.655E-02
2314	~10	NF	5.57	-8.078E-02
2314	~18	NF	5.57	-1.35
2314	~19	NF	3.64	-1.35
2314	~8	NF	3.64	-8.078E-02
2314	~10	SC	2.739E-14	7.462E-15

Table 22: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/m	KN/m
2314	~18	SC	2.739E-14	-2.605E-14
2314	~19	SC	5.584E-14	-2.605E-14
2314	~8	SC	5.584E-14	7.462E-15
2314	~10	AGUA INT	-5.57	8.078E-02
2314	~18	AGUA INT	-5.57	1.35
2314	~19	AGUA INT	-3.64	1.35
2314	~8	AGUA INT	-3.64	8.078E-02
2314	~8	DEAD	-6.599E-03	-4.567E-02
2314	~19	DEAD	-6.599E-03	-9.706E-02
2314	~20	DEAD	8.793E-02	-9.706E-02
2314	1	DEAD	8.793E-02	-4.567E-02
2314	~8	TERRENO	2.43	0.18
2314	~19	TERRENO	2.43	-0.13
2314	~20	TERRENO	0.52	-0.13
2314	1	TERRENO	0.52	0.18
2314	~8	NF	3.47	0.26
2314	~19	NF	3.47	-0.18
2314	~20	NF	0.74	-0.18
2314	1	NF	0.74	0.26
2314	~8	SC	1.037E-13	-2.301E-15
2314	~19	SC	1.037E-13	-3.171E-14
2314	~20	SC	2.316E-13	-3.171E-14
2314	1	SC	2.316E-13	-2.301E-15
2314	~8	AGUA INT	-3.47	-0.26
2314	~19	AGUA INT	-3.47	0.18
2314	~20	AGUA INT	-0.74	0.18
2314	1	AGUA INT	-0.74	-0.26
2314	~3	DEAD	0.41	1.96
2314	2043	DEAD	0.41	0.45
2314	~21	DEAD	0.89	0.45
2314	~18	DEAD	0.89	1.96
2314	~3	TERRENO	-0.37	1.68
2314	2043	TERRENO	-0.37	-9.980E-02
2314	~21	TERRENO	-3.8	-9.980E-02
2314	~18	TERRENO	-3.8	1.68
2314	~3	NF	-0.53	2.4
2314	2043	NF	-0.53	-0.14
2314	~21	NF	-5.43	-0.14
2314	~18	NF	-5.43	2.4
2314	~3	SC	-3.134E-14	-9.839E-14
2314	2043	SC	-3.134E-14	-1.530E-14
2314	~21	SC	-2.628E-14	-1.530E-14
2314	~18	SC	-2.628E-14	-9.839E-14
2314	~3	AGUA INT	0.53	-2.4
2314	2043	AGUA INT	0.53	0.14
2314	~21	AGUA INT	5.43	0.14
2314	~18	AGUA INT	5.43	-2.4
2314	~18	DEAD	0.68	5.017E-02
2314	~21	DEAD	0.68	-1.715E-02
2314	~22	DEAD	-3.520E-03	-1.715E-02
2314	~19	DEAD	-3.520E-03	5.017E-02
2314	~18	TERRENO	-3.9	-0.94
2314	~21	TERRENO	-3.9	-5.655E-02
2314	~22	TERRENO	-2.55	-5.655E-02
2314	~19	TERRENO	-2.55	-0.94

Table 22: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/m	KN/m
2314	~18	NF	-5.57	-1.35
2314	~21	NF	-5.57	-8.078E-02
2314	~22	NF	-3.64	-8.078E-02
2314	~19	NF	-3.64	-1.35
2314	~18	SC	-1.529E-14	6.254E-15
2314	~21	SC	-1.529E-14	-2.222E-14
2314	~22	SC	6.537E-14	-2.222E-14
2314	~19	SC	6.537E-14	6.254E-15
2314	~18	AGUA INT	5.57	1.35
2314	~21	AGUA INT	5.57	8.078E-02
2314	~22	AGUA INT	3.64	8.078E-02
2314	~19	AGUA INT	3.64	1.35
2314	~19	DEAD	6.599E-03	-9.706E-02
2314	~22	DEAD	6.599E-03	-4.567E-02
2314	2	DEAD	-8.793E-02	-4.567E-02
2314	~20	DEAD	-8.793E-02	-9.706E-02
2314	~19	TERRENO	-2.43	-0.13
2314	~22	TERRENO	-2.43	0.18
2314	2	TERRENO	-0.52	0.18
2314	~20	TERRENO	-0.52	-0.13
2314	~19	NF	-3.47	-0.18
2314	~22	NF	-3.47	0.26
2314	2	NF	-0.74	0.26
2314	~20	NF	-0.74	-0.18
2314	~19	SC	8.224E-14	-5.431E-15
2314	~22	SC	8.224E-14	7.033E-14
2314	2	SC	2.430E-13	7.033E-14
2314	~20	SC	2.430E-13	-5.431E-15
2314	~19	AGUA INT	3.47	0.18
2314	~22	AGUA INT	3.47	-0.26
2314	2	AGUA INT	0.74	-0.26
2314	~20	AGUA INT	0.74	0.18
2414	4	DEAD	-8.793E-02	-4.567E-02
2414	~23	DEAD	-8.793E-02	-9.706E-02
2414	~24	DEAD	6.599E-03	-9.706E-02
2414	~16	DEAD	6.599E-03	-4.567E-02
2414	4	TERRENO	-0.52	0.18
2414	~23	TERRENO	-0.52	-0.13
2414	~24	TERRENO	-2.43	-0.13
2414	~16	TERRENO	-2.43	0.18
2414	4	NF	-0.74	0.26
2414	~23	NF	-0.74	-0.18
2414	~24	NF	-3.47	-0.18
2414	~16	NF	-3.47	0.26
2414	4	SC	-2.002E-13	3.851E-14
2414	~23	SC	-2.002E-13	-6.113E-14
2414	~24	SC	-1.771E-13	-6.113E-14
2414	~16	SC	-1.771E-13	3.851E-14
2414	4	AGUA INT	0.74	-0.26
2414	~23	AGUA INT	0.74	0.18
2414	~24	AGUA INT	3.47	0.18
2414	~16	AGUA INT	3.47	-0.26
2414	~16	DEAD	-3.520E-03	-1.715E-02
2414	~24	DEAD	-3.520E-03	5.017E-02
2414	~25	DEAD	0.68	5.017E-02

Table 22: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/m	KN/m
2414	~17	DEAD	0.68	-1.715E-02
2414	~16	TERRENO	-2.55	-5.655E-02
2414	~24	TERRENO	-2.55	-0.94
2414	~25	TERRENO	-3.9	-0.94
2414	~17	TERRENO	-3.9	-5.655E-02
2414	~16	NF	-3.64	-8.078E-02
2414	~24	NF	-3.64	-1.35
2414	~25	NF	-5.57	-1.35
2414	~17	NF	-5.57	-8.078E-02
2414	~16	SC	-7.602E-14	7.566E-14
2414	~24	SC	-7.602E-14	-2.804E-14
2414	~25	SC	-4.773E-14	-2.804E-14
2414	~17	SC	-4.773E-14	7.566E-14
2414	~16	AGUA INT	3.64	8.078E-02
2414	~24	AGUA INT	3.64	1.35
2414	~25	AGUA INT	5.57	1.35
2414	~17	AGUA INT	5.57	8.078E-02
2414	~17	DEAD	0.89	0.45
2414	~25	DEAD	0.89	1.96
2414	~4	DEAD	0.41	1.96
2414	2044	DEAD	0.41	0.45
2414	~17	TERRENO	-3.8	-9.980E-02
2414	~25	TERRENO	-3.8	1.68
2414	~4	TERRENO	-0.37	1.68
2414	2044	TERRENO	-0.37	-9.980E-02
2414	~17	NF	-5.43	-0.14
2414	~25	NF	-5.43	2.4
2414	~4	NF	-0.53	2.4
2414	2044	NF	-0.53	-0.14
2414	~17	SC	-8.963E-14	-4.746E-14
2414	~25	SC	-8.963E-14	-1.397E-13
2414	~4	SC	-2.041E-14	-1.397E-13
2414	2044	SC	-2.041E-14	-4.746E-14
2414	~17	AGUA INT	5.43	0.14
2414	~25	AGUA INT	5.43	-2.4
2414	~4	AGUA INT	0.53	-2.4
2414	2044	AGUA INT	0.53	0.14
2414	~23	DEAD	8.793E-02	-9.706E-02
2414	2	DEAD	8.793E-02	-4.567E-02
2414	~22	DEAD	-6.599E-03	-4.567E-02
2414	~24	DEAD	-6.599E-03	-9.706E-02
2414	~23	TERRENO	0.52	-0.13
2414	2	TERRENO	0.52	0.18
2414	~22	TERRENO	2.43	0.18
2414	~24	TERRENO	2.43	-0.13
2414	~23	NF	0.74	-0.18
2414	2	NF	0.74	0.26
2414	~22	NF	3.47	0.26
2414	~24	NF	3.47	-0.18
2414	~23	SC	-2.247E-13	-2.511E-14
2414	2	SC	-2.247E-13	1.096E-13
2414	~22	SC	-6.451E-14	1.096E-13
2414	~24	SC	-6.451E-14	-2.511E-14
2414	~23	AGUA INT	-0.74	0.18
2414	2	AGUA INT	-0.74	-0.26

Table 22: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/m	KN/m
2414	~22	AGUA INT	-3.47	-0.26
2414	~24	AGUA INT	-3.47	0.18
2414	~24	DEAD	3.520E-03	5.017E-02
2414	~22	DEAD	3.520E-03	-1.715E-02
2414	~21	DEAD	-0.68	-1.715E-02
2414	~25	DEAD	-0.68	5.017E-02
2414	~24	TERRENO	2.55	-0.94
2414	~22	TERRENO	2.55	-5.655E-02
2414	~21	TERRENO	3.9	-5.655E-02
2414	~25	TERRENO	3.9	-0.94
2414	~24	NF	3.64	-1.35
2414	~22	NF	3.64	-8.078E-02
2414	~21	NF	5.57	-8.078E-02
2414	~25	NF	5.57	-1.35
2414	~24	SC	-8.924E-14	-3.580E-15
2414	~22	SC	-8.924E-14	6.294E-14
2414	~21	SC	3.424E-14	6.294E-14
2414	~25	SC	3.424E-14	-3.580E-15
2414	~24	AGUA INT	-3.64	1.35
2414	~22	AGUA INT	-3.64	8.078E-02
2414	~21	AGUA INT	-5.57	8.078E-02
2414	~25	AGUA INT	-5.57	1.35
2414	~25	DEAD	-0.89	1.96
2414	~21	DEAD	-0.89	0.45
2414	2043	DEAD	-0.41	0.45
2414	~4	DEAD	-0.41	1.96
2414	~25	TERRENO	3.8	1.68
2414	~21	TERRENO	3.8	-9.980E-02
2414	2043	TERRENO	0.37	-9.980E-02
2414	~4	TERRENO	0.37	1.68
2414	~25	NF	5.43	2.4
2414	~21	NF	5.43	-0.14
2414	2043	NF	0.53	-0.14
2414	~4	NF	0.53	2.4
2414	~25	SC	6.038E-14	-1.342E-13
2414	~21	SC	6.038E-14	-1.067E-13
2414	2043	SC	3.038E-14	-1.067E-13
2414	~4	SC	3.038E-14	-1.342E-13
2414	~25	AGUA INT	-5.43	-2.4
2414	~21	AGUA INT	-5.43	0.14
2414	2043	AGUA INT	-0.53	0.14
2414	~4	AGUA INT	-0.53	-2.4

Table 23: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top	S22Top	S12Top
				KN/m2	KN/m2	KN/m2
2012	2012-1	2042	DEAD	-10.64	-10.64	56.13
2012	2012-1	~1	DEAD	-118.68	25.74	38.94
2012	2012-1	~2	DEAD	309.13	309.13	21.75
2012	2012-1	~3	DEAD	25.74	-118.68	38.94
2012	2012-1	2042	TERRENO	-9.64	-9.64	-22.26
2012	2012-1	~1	TERRENO	-46.09	-17.61	-10.64
2012	2012-1	~2	TERRENO	-36.6	-36.6	0.97
2012	2012-1	~3	TERRENO	-17.61	-46.09	-10.64
2012	2012-1	2042	NF	-13.78	-13.78	-31.79

Table 23: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
2012	2012-1	~1	NF	-65.84	-25.16	-15.2
2012	2012-1	~2	NF	-52.29	-52.29	1.38
2012	2012-1	~3	NF	-25.16	-65.84	-15.2
2012	2012-1	2042	SC	1.563E-12	1.220E-12	-4.093E-12
2012	2012-1	~1	SC	1.364E-11	2.900E-12	-3.044E-12
2012	2012-1	~2	SC	-2.769E-11	-2.380E-11	-1.255E-12
2012	2012-1	~3	SC	3.577E-12	1.104E-11	-3.670E-12
2012	2012-1	2042	AGUA INT	13.78	13.78	31.79
2012	2012-1	~1	AGUA INT	65.84	25.16	15.2
2012	2012-1	~2	AGUA INT	52.29	52.29	-1.38
2012	2012-1	~3	AGUA INT	25.16	65.84	15.2
2012	2012-2	~3	DEAD	25.74	-118.68	-38.94
2012	2012-2	~2	DEAD	309.13	309.13	-21.75
2012	2012-2	~4	DEAD	-118.68	25.74	-38.94
2012	2012-2	2043	DEAD	-10.64	-10.64	-56.13
2012	2012-2	~3	TERRENO	-17.61	-46.09	10.64
2012	2012-2	~2	TERRENO	-36.6	-36.6	-0.97
2012	2012-2	~4	TERRENO	-46.09	-17.61	10.64
2012	2012-2	2043	TERRENO	-9.64	-9.64	22.26
2012	2012-2	~3	NF	-25.16	-65.84	15.2
2012	2012-2	~2	NF	-52.29	-52.29	-1.38
2012	2012-2	~4	NF	-65.84	-25.16	15.2
2012	2012-2	2043	NF	-13.78	-13.78	31.79
2012	2012-2	~3	SC	-1.063E-11	8.628E-12	2.609E-12
2012	2012-2	~2	SC	-2.078E-11	-2.095E-11	1.165E-12
2012	2012-2	~4	SC	9.265E-12	-1.067E-12	2.060E-12
2012	2012-2	2043	SC	2.688E-12	2.229E-12	2.139E-12
2012	2012-2	~3	AGUA INT	25.16	65.84	-15.2
2012	2012-2	~2	AGUA INT	52.29	52.29	1.38
2012	2012-2	~4	AGUA INT	65.84	25.16	-15.2
2012	2012-2	2043	AGUA INT	13.78	13.78	-31.79
2012	2012-3	~1	DEAD	-118.68	25.74	-38.94
2012	2012-3	2045	DEAD	-10.64	-10.64	-56.13
2012	2012-3	~5	DEAD	25.74	-118.68	-38.94
2012	2012-3	~2	DEAD	309.13	309.13	-21.75
2012	2012-3	~1	TERRENO	-46.09	-17.61	10.64
2012	2012-3	2045	TERRENO	-9.64	-9.64	22.26
2012	2012-3	~5	TERRENO	-17.61	-46.09	10.64
2012	2012-3	~2	TERRENO	-36.6	-36.6	-0.97
2012	2012-3	~1	NF	-65.84	-25.16	15.2
2012	2012-3	2045	NF	-13.78	-13.78	31.79
2012	2012-3	~5	NF	-25.16	-65.84	15.2
2012	2012-3	~2	NF	-52.29	-52.29	-1.38
2012	2012-3	~1	SC	1.344E-11	-1.960E-13	3.516E-12
2012	2012-3	2045	SC	4.089E-13	-7.756E-13	2.120E-12
2012	2012-3	~5	SC	-3.206E-12	9.742E-12	1.358E-12
2012	2012-3	~2	SC	-2.805E-11	-2.347E-11	7.063E-13
2012	2012-3	~1	AGUA INT	65.84	25.16	-15.2
2012	2012-3	2045	AGUA INT	13.78	13.78	-31.79
2012	2012-3	~5	AGUA INT	25.16	65.84	-15.2
2012	2012-3	~2	AGUA INT	52.29	52.29	1.38
2012	2012-4	~2	DEAD	309.13	309.13	21.75
2012	2012-4	~5	DEAD	25.74	-118.68	38.94
2012	2012-4	2044	DEAD	-10.64	-10.64	56.13
2012	2012-4	~4	DEAD	-118.68	25.74	38.94

Table 23: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top	S22Top	S12Top
				KN/m2	KN/m2	KN/m2
2012	2012-4	~2	TERRENO	-36.6	-36.6	0.97
2012	2012-4	~5	TERRENO	-17.61	-46.09	-10.64
2012	2012-4	2044	TERRENO	-9.64	-9.64	-22.26
2012	2012-4	~4	TERRENO	-46.09	-17.61	-10.64
2012	2012-4	~2	NF	-52.29	-52.29	1.38
2012	2012-4	~5	NF	-25.16	-65.84	-15.2
2012	2012-4	2044	NF	-13.78	-13.78	-31.79
2012	2012-4	~4	NF	-65.84	-25.16	-15.2
2012	2012-4	~2	SC	-2.124E-11	-2.340E-11	-2.117E-12
2012	2012-4	~5	SC	7.474E-13	1.441E-11	-2.560E-12
2012	2012-4	2044	SC	-9.432E-13	-1.184E-12	-3.423E-12
2012	2012-4	~4	SC	9.497E-12	2.617E-13	-3.663E-12
2012	2012-4	~2	AGUA INT	52.29	52.29	-1.38
2012	2012-4	~5	AGUA INT	25.16	65.84	15.2
2012	2012-4	2044	AGUA INT	13.78	13.78	31.79
2012	2012-4	~4	AGUA INT	65.84	25.16	15.2
2114	2114-1	1	DEAD	-5.41	-13.21	1.33
2114	2114-1	~6	DEAD	1.49	-7.75	0.72
2114	2114-1	~7	DEAD	1.2	0.25	1.15
2114	2114-1	~8	DEAD	1.1	-9.23	1.76
2114	2114-1	1	TERRENO	-16.28	-2.02	-8.28
2114	2114-1	~6	TERRENO	22.11	5.26	-8.2
2114	2114-1	~7	TERRENO	65.45	10.22	-8.36
2114	2114-1	~8	TERRENO	-110.83	-21.3	-8.45
2114	2114-1	1	NF	-23.25	-2.89	-11.83
2114	2114-1	~6	NF	31.59	7.51	-11.71
2114	2114-1	~7	NF	93.5	14.6	-11.95
2114	2114-1	~8	NF	-158.33	-30.43	-12.07
2114	2114-1	1	SC	-1.241E-11	-3.219E-12	-1.235E-12
2114	2114-1	~6	SC	8.179E-13	-8.456E-13	1.389E-12
2114	2114-1	~7	SC	-1.738E-12	-2.260E-12	1.970E-12
2114	2114-1	~8	SC	-7.825E-12	-5.941E-12	-6.528E-13
2114	2114-1	1	AGUA INT	23.25	2.89	11.83
2114	2114-1	~6	AGUA INT	-31.59	-7.51	11.71
2114	2114-1	~7	AGUA INT	-93.5	-14.6	11.95
2114	2114-1	~8	AGUA INT	158.33	30.43	12.07
2114	2114-2	~8	DEAD	-2.8	-28.75	1.68
2114	2114-2	~7	DEAD	-4.01	-25.79	2.47
2114	2114-2	~9	DEAD	-5.62	-25.11	1.23
2114	2114-2	~10	DEAD	44.47	-22.78	0.43
2114	2114-2	~8	TERRENO	-111.47	-24.52	-5.95
2114	2114-2	~7	TERRENO	67.18	18.85	-8.8
2114	2114-2	~9	TERRENO	108.29	89.82	-1.27
2114	2114-2	~10	TERRENO	-167.64	-23.16	1.59
2114	2114-2	~8	NF	-159.25	-35.03	-8.49
2114	2114-2	~7	NF	95.97	26.93	-12.57
2114	2114-2	~9	NF	154.7	128.32	-1.81
2114	2114-2	~10	NF	-239.49	-33.09	2.27
2114	2114-2	~8	SC	-6.746E-12	-5.463E-13	-1.211E-12
2114	2114-2	~7	SC	-8.586E-13	2.136E-12	-1.865E-12
2114	2114-2	~9	SC	-1.556E-12	-1.653E-12	1.388E-12
2114	2114-2	~10	SC	-6.347E-12	-6.633E-12	9.033E-13
2114	2114-2	~8	AGUA INT	159.25	35.03	8.49
2114	2114-2	~7	AGUA INT	-95.97	-26.93	12.57
2114	2114-2	~9	AGUA INT	-154.7	-128.32	1.81

Table 23: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top	S22Top	S12Top
				KN/m2	KN/m2	KN/m2
2114	2114-2	~10	AGUA INT	239.49	33.09	-2.27
2114	2114-3	~10	DEAD	47.03	-9.99	-3.62
2114	2114-3	~9	DEAD	-15.86	-76.3	2.75
2114	2114-3	~1	DEAD	-42.67	-235.04	-23.02
2114	2114-3	2042	DEAD	-14.41	-50.35	-29.39
2114	2114-3	~10	TERRENO	-168.08	-25.36	10.42
2114	2114-3	~9	TERRENO	108.28	89.76	13.68
2114	2114-3	~1	TERRENO	10.38	-34.65	14.18
2114	2114-3	2042	TERRENO	-19.3	-9.96	10.92
2114	2114-3	~10	NF	-240.12	-36.22	14.89
2114	2114-3	~9	NF	154.68	128.22	19.54
2114	2114-3	~1	NF	14.83	-49.5	20.25
2114	2114-3	2042	NF	-27.58	-14.23	15.6
2114	2114-3	~10	SC	-5.146E-12	-6.273E-13	1.084E-12
2114	2114-3	~9	SC	-1.250E-12	-1.209E-13	-3.150E-13
2114	2114-3	~1	SC	1.786E-12	1.372E-11	6.162E-13
2114	2114-3	2042	SC	2.871E-13	1.665E-12	3.152E-12
2114	2114-3	~10	AGUA INT	240.12	36.22	-14.89
2114	2114-3	~9	AGUA INT	-154.68	-128.22	-19.54
2114	2114-3	~1	AGUA INT	-14.83	49.5	-20.25
2114	2114-3	2042	AGUA INT	27.58	14.23	-15.6
2114	2114-4	~6	DEAD	1.49	-7.75	-0.72
2114	2114-4	3	DEAD	-5.41	-13.21	-1.33
2114	2114-4	~11	DEAD	1.1	-9.23	-1.76
2114	2114-4	~7	DEAD	1.2	0.25	-1.15
2114	2114-4	~6	TERRENO	22.11	5.26	8.2
2114	2114-4	3	TERRENO	-16.28	-2.02	8.28
2114	2114-4	~11	TERRENO	-110.83	-21.3	8.45
2114	2114-4	~7	TERRENO	65.45	10.22	8.36
2114	2114-4	~6	NF	31.59	7.51	11.71
2114	2114-4	3	NF	-23.25	-2.89	11.83
2114	2114-4	~11	NF	-158.33	-30.43	12.07
2114	2114-4	~7	NF	93.5	14.6	11.95
2114	2114-4	~6	SC	-1.281E-12	7.542E-13	4.786E-12
2114	2114-4	3	SC	1.608E-11	4.036E-12	2.451E-12
2114	2114-4	~11	SC	7.894E-12	4.884E-12	6.103E-13
2114	2114-4	~7	SC	-6.250E-13	-1.383E-12	2.946E-12
2114	2114-4	~6	AGUA INT	-31.59	-7.51	-11.71
2114	2114-4	3	AGUA INT	23.25	2.89	-11.83
2114	2114-4	~11	AGUA INT	158.33	30.43	-12.07
2114	2114-4	~7	AGUA INT	-93.5	-14.6	-11.95
2114	2114-5	~7	DEAD	-4.01	-25.79	-2.47
2114	2114-5	~11	DEAD	-2.8	-28.75	-1.68
2114	2114-5	~12	DEAD	44.47	-22.78	-0.43
2114	2114-5	~9	DEAD	-5.62	-25.11	-1.23
2114	2114-5	~7	TERRENO	67.18	18.85	8.8
2114	2114-5	~11	TERRENO	-111.47	-24.52	5.95
2114	2114-5	~12	TERRENO	-167.64	-23.16	-1.59
2114	2114-5	~9	TERRENO	108.29	89.82	1.27
2114	2114-5	~7	NF	95.97	26.93	12.57
2114	2114-5	~11	NF	-159.25	-35.03	8.49
2114	2114-5	~12	NF	-239.49	-33.09	-2.27
2114	2114-5	~9	NF	154.7	128.32	1.81
2114	2114-5	~7	SC	-4.281E-13	-3.987E-13	-1.001E-12
2114	2114-5	~11	SC	7.163E-12	1.233E-12	6.267E-13

Table 23: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top	S22Top	S12Top
				KN/m2	KN/m2	KN/m2
2114	2114-5	~12	SC	1.716E-12	1.251E-12	2.433E-12
2114	2114-5	~9	SC	6.149E-14	2.145E-12	-3.325E-13
2114	2114-5	~7	AGUA INT	-95.97	-26.93	-12.57
2114	2114-5	~11	AGUA INT	159.25	35.03	-8.49
2114	2114-5	~12	AGUA INT	239.49	33.09	2.27
2114	2114-5	~9	AGUA INT	-154.7	-128.32	-1.81
2114	2114-6	~9	DEAD	-15.86	-76.3	-2.75
2114	2114-6	~12	DEAD	47.03	-9.99	3.62
2114	2114-6	2045	DEAD	-14.41	-50.35	29.39
2114	2114-6	~1	DEAD	-42.67	-235.04	23.02
2114	2114-6	~9	TERRENO	108.28	89.76	-13.68
2114	2114-6	~12	TERRENO	-168.08	-25.36	-10.42
2114	2114-6	2045	TERRENO	-19.3	-9.96	-10.92
2114	2114-6	~1	TERRENO	10.38	-34.65	-14.18
2114	2114-6	~9	NF	154.68	128.22	-19.54
2114	2114-6	~12	NF	-240.12	-36.22	-14.89
2114	2114-6	2045	NF	-27.58	-14.23	-15.6
2114	2114-6	~1	NF	14.83	-49.5	-20.25
2114	2114-6	~9	SC	-2.518E-13	5.784E-13	1.023E-12
2114	2114-6	~12	SC	1.347E-12	-5.911E-13	-6.942E-14
2114	2114-6	2045	SC	7.344E-13	2.488E-12	-9.323E-13
2114	2114-6	~1	SC	3.583E-12	1.437E-11	1.600E-13
2114	2114-6	~9	AGUA INT	-154.68	-128.22	19.54
2114	2114-6	~12	AGUA INT	240.12	36.22	14.89
2114	2114-6	2045	AGUA INT	27.58	14.23	15.6
2114	2114-6	~1	AGUA INT	-14.83	49.5	20.25
2214	2214-1	3	DEAD	-5.41	-13.21	1.33
2214	2214-1	~13	DEAD	1.49	-7.75	0.72
2214	2214-1	~14	DEAD	1.2	0.25	1.15
2214	2214-1	~11	DEAD	1.1	-9.23	1.76
2214	2214-1	3	TERRENO	-16.28	-2.02	-8.28
2214	2214-1	~13	TERRENO	22.11	5.26	-8.2
2214	2214-1	~14	TERRENO	65.45	10.22	-8.36
2214	2214-1	~11	TERRENO	-110.83	-21.3	-8.45
2214	2214-1	3	NF	-23.25	-2.89	-11.83
2214	2214-1	~13	NF	31.59	7.51	-11.71
2214	2214-1	~14	NF	93.5	14.6	-11.95
2214	2214-1	~11	NF	-158.33	-30.43	-12.07
2214	2214-1	3	SC	1.674E-11	3.822E-12	-2.598E-12
2214	2214-1	~13	SC	-2.089E-12	-3.057E-12	-3.923E-12
2214	2214-1	~14	SC	5.358E-13	-3.018E-12	3.812E-13
2214	2214-1	~11	SC	9.328E-12	7.614E-12	2.275E-12
2214	2214-1	3	AGUA INT	23.25	2.89	11.83
2214	2214-1	~13	AGUA INT	-31.59	-7.51	11.71
2214	2214-1	~14	AGUA INT	-93.5	-14.6	11.95
2214	2214-1	~11	AGUA INT	158.33	30.43	12.07
2214	2214-2	~11	DEAD	-2.8	-28.75	1.68
2214	2214-2	~14	DEAD	-4.01	-25.79	2.47
2214	2214-2	~15	DEAD	-5.62	-25.11	1.23
2214	2214-2	~12	DEAD	44.47	-22.78	0.43
2214	2214-2	~11	TERRENO	-111.47	-24.52	-5.95
2214	2214-2	~14	TERRENO	67.18	18.85	-8.8
2214	2214-2	~15	TERRENO	108.29	89.82	-1.27
2214	2214-2	~12	TERRENO	-167.64	-23.16	1.59
2214	2214-2	~11	NF	-159.25	-35.03	-8.49

Table 23: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
2214	2214-2	~14	NF	95.97	26.93	-12.57
2214	2214-2	~15	NF	154.7	128.32	-1.81
2214	2214-2	~12	NF	-239.49	-33.09	2.27
2214	2214-2	~11	SC	9.422E-12	8.086E-12	1.096E-12
2214	2214-2	~14	SC	2.259E-13	-4.568E-12	-4.073E-14
2214	2214-2	~15	SC	-1.174E-13	9.094E-13	5.076E-13
2214	2214-2	~12	SC	-1.344E-12	-3.239E-12	-6.198E-14
2214	2214-2	~11	AGUA INT	159.25	35.03	8.49
2214	2214-2	~14	AGUA INT	-95.97	-26.93	12.57
2214	2214-2	~15	AGUA INT	-154.7	-128.32	1.81
2214	2214-2	~12	AGUA INT	239.49	33.09	-2.27
2214	2214-3	~12	DEAD	47.03	-9.99	-3.62
2214	2214-3	~15	DEAD	-15.86	-76.3	2.75
2214	2214-3	~5	DEAD	-42.67	-235.04	-23.02
2214	2214-3	2045	DEAD	-14.41	-50.35	-29.39
2214	2214-3	~12	TERRENO	-168.08	-25.36	10.42
2214	2214-3	~15	TERRENO	108.28	89.76	13.68
2214	2214-3	~5	TERRENO	10.38	-34.65	14.18
2214	2214-3	2045	TERRENO	-19.3	-9.96	10.92
2214	2214-3	~12	NF	-240.12	-36.22	14.89
2214	2214-3	~15	NF	154.68	128.22	19.54
2214	2214-3	~5	NF	14.83	-49.5	20.25
2214	2214-3	2045	NF	-27.58	-14.23	15.6
2214	2214-3	~12	SC	-1.678E-13	2.644E-12	1.702E-12
2214	2214-3	~15	SC	5.221E-13	4.107E-12	5.949E-13
2214	2214-3	~5	SC	1.573E-12	1.184E-11	2.811E-12
2214	2214-3	2045	SC	-7.491E-13	-1.987E-13	2.781E-12
2214	2214-3	~12	AGUA INT	240.12	36.22	-14.89
2214	2214-3	~15	AGUA INT	-154.68	-128.22	-19.54
2214	2214-3	~5	AGUA INT	-14.83	49.5	-20.25
2214	2214-3	2045	AGUA INT	27.58	14.23	-15.6
2214	2214-4	~13	DEAD	1.49	-7.75	-0.72
2214	2214-4	4	DEAD	-5.41	-13.21	-1.33
2214	2214-4	~16	DEAD	1.1	-9.23	-1.76
2214	2214-4	~14	DEAD	1.2	0.25	-1.15
2214	2214-4	~13	TERRENO	22.11	5.26	8.2
2214	2214-4	4	TERRENO	-16.28	-2.02	8.28
2214	2214-4	~16	TERRENO	-110.83	-21.3	8.45
2214	2214-4	~14	TERRENO	65.45	10.22	8.36
2214	2214-4	~13	NF	31.59	7.51	11.71
2214	2214-4	4	NF	-23.25	-2.89	11.83
2214	2214-4	~16	NF	-158.33	-30.43	12.07
2214	2214-4	~14	NF	93.5	14.6	11.95
2214	2214-4	~13	SC	-1.512E-12	-1.581E-12	-1.800E-12
2214	2214-4	4	SC	-1.565E-11	-6.439E-12	1.941E-12
2214	2214-4	~16	SC	-7.630E-12	-7.015E-12	-5.264E-13
2214	2214-4	~14	SC	1.287E-12	-8.529E-13	-1.423E-12
2214	2214-4	~13	AGUA INT	-31.59	-7.51	-11.71
2214	2214-4	4	AGUA INT	23.25	2.89	-11.83
2214	2214-4	~16	AGUA INT	158.33	30.43	-12.07
2214	2214-4	~14	AGUA INT	-93.5	-14.6	-11.95
2214	2214-5	~14	DEAD	-4.01	-25.79	-2.47
2214	2214-5	~16	DEAD	-2.8	-28.75	-1.68
2214	2214-5	~17	DEAD	44.47	-22.78	-0.43
2214	2214-5	~15	DEAD	-5.62	-25.11	-1.23

Table 23: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top	S22Top	S12Top
				KN/m2	KN/m2	KN/m2
2214	2214-5	~14	TERRENO	67.18	18.85	8.8
2214	2214-5	~16	TERRENO	-111.47	-24.52	5.95
2214	2214-5	~17	TERRENO	-167.64	-23.16	-1.59
2214	2214-5	~15	TERRENO	108.29	89.82	1.27
2214	2214-5	~14	NF	95.97	26.93	12.57
2214	2214-5	~16	NF	-159.25	-35.03	8.49
2214	2214-5	~17	NF	-239.49	-33.09	-2.27
2214	2214-5	~15	NF	154.7	128.32	1.81
2214	2214-5	~14	SC	9.864E-13	-2.356E-12	-2.969E-13
2214	2214-5	~16	SC	-6.893E-12	-3.331E-12	2.256E-13
2214	2214-5	~17	SC	-7.642E-12	-5.675E-12	3.605E-12
2214	2214-5	~15	SC	-1.118E-12	1.115E-12	2.389E-13
2214	2214-5	~14	AGUA INT	-95.97	-26.93	-12.57
2214	2214-5	~16	AGUA INT	159.25	35.03	-8.49
2214	2214-5	~17	AGUA INT	239.49	33.09	2.27
2214	2214-5	~15	AGUA INT	-154.7	-128.32	-1.81
2214	2214-6	~15	DEAD	-15.86	-76.3	-2.75
2214	2214-6	~17	DEAD	47.03	-9.99	3.62
2214	2214-6	2044	DEAD	-14.41	-50.35	29.39
2214	2214-6	~5	DEAD	-42.67	-235.04	23.02
2214	2214-6	~15	TERRENO	108.28	89.76	-13.68
2214	2214-6	~17	TERRENO	-168.08	-25.36	-10.42
2214	2214-6	2044	TERRENO	-19.3	-9.96	-10.92
2214	2214-6	~5	TERRENO	10.38	-34.65	-14.18
2214	2214-6	~15	NF	154.68	128.22	-19.54
2214	2214-6	~17	NF	-240.12	-36.22	-14.89
2214	2214-6	2044	NF	-27.58	-14.23	-15.6
2214	2214-6	~5	NF	14.83	-49.5	-20.25
2214	2214-6	~15	SC	2.231E-13	7.822E-12	3.469E-12
2214	2214-6	~17	SC	-7.085E-12	-2.892E-12	-2.128E-12
2214	2214-6	2044	SC	1.007E-12	-1.719E-12	-2.365E-12
2214	2214-6	~5	SC	3.189E-12	1.142E-11	9.568E-13
2214	2214-6	~15	AGUA INT	-154.68	-128.22	19.54
2214	2214-6	~17	AGUA INT	240.12	36.22	14.89
2214	2214-6	2044	AGUA INT	27.58	14.23	15.6
2214	2214-6	~5	AGUA INT	-14.83	49.5	20.25
2314	2314-1	2042	DEAD	-14.41	-50.35	29.39
2314	2314-1	~3	DEAD	-42.67	-235.04	23.02
2314	2314-1	~18	DEAD	-15.86	-76.3	-2.75
2314	2314-1	~10	DEAD	47.03	-9.99	3.62
2314	2314-1	2042	TERRENO	-19.3	-9.96	-10.92
2314	2314-1	~3	TERRENO	10.38	-34.65	-14.18
2314	2314-1	~18	TERRENO	108.28	89.76	-13.68
2314	2314-1	~10	TERRENO	-168.08	-25.36	-10.42
2314	2314-1	2042	NF	-27.58	-14.23	-15.6
2314	2314-1	~3	NF	14.83	-49.5	-20.25
2314	2314-1	~18	NF	154.68	128.22	-19.54
2314	2314-1	~10	NF	-240.12	-36.22	-14.89
2314	2314-1	2042	SC	3.185E-12	-7.232E-13	-2.267E-13
2314	2314-1	~3	SC	4.861E-12	1.714E-11	-9.936E-13
2314	2314-1	~18	SC	3.671E-13	8.290E-12	-1.153E-12
2314	2314-1	~10	SC	-6.214E-12	-6.716E-12	1.829E-13
2314	2314-1	2042	AGUA INT	27.58	14.23	15.6
2314	2314-1	~3	AGUA INT	-14.83	49.5	20.25
2314	2314-1	~18	AGUA INT	-154.68	-128.22	19.54

Table 23: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
2314	2314-1	~10	AGUA INT	240.12	36.22	14.89
2314	2314-2	~10	DEAD	44.47	-22.78	-0.43
2314	2314-2	~18	DEAD	-5.62	-25.11	-1.23
2314	2314-2	~19	DEAD	-4.01	-25.79	-2.47
2314	2314-2	~8	DEAD	-2.8	-28.75	-1.68
2314	2314-2	~10	TERRENO	-167.64	-23.16	-1.59
2314	2314-2	~18	TERRENO	108.29	89.82	1.27
2314	2314-2	~19	TERRENO	67.18	18.85	8.8
2314	2314-2	~8	TERRENO	-111.47	-24.52	5.95
2314	2314-2	~10	NF	-239.49	-33.09	-2.27
2314	2314-2	~18	NF	154.7	128.32	1.81
2314	2314-2	~19	NF	95.97	26.93	12.57
2314	2314-2	~8	NF	-159.25	-35.03	8.49
2314	2314-2	~10	SC	-6.175E-12	-6.523E-12	1.227E-12
2314	2314-2	~18	SC	-2.947E-14	6.308E-12	9.677E-13
2314	2314-2	~19	SC	4.414E-13	5.985E-12	-1.354E-12
2314	2314-2	~8	SC	-7.753E-12	-4.218E-12	1.749E-12
2314	2314-2	~10	AGUA INT	239.49	33.09	2.27
2314	2314-2	~18	AGUA INT	-154.7	-128.32	-1.81
2314	2314-2	~19	AGUA INT	-95.97	-26.93	-12.57
2314	2314-2	~8	AGUA INT	159.25	35.03	-8.49
2314	2314-3	~8	DEAD	1.1	-9.23	-1.76
2314	2314-3	~19	DEAD	1.2	0.25	-1.15
2314	2314-3	~20	DEAD	1.49	-7.75	-0.72
2314	2314-3	1	DEAD	-5.41	-13.21	-1.33
2314	2314-3	~8	TERRENO	-110.83	-21.3	8.45
2314	2314-3	~19	TERRENO	65.45	10.22	8.36
2314	2314-3	~20	TERRENO	22.11	5.26	8.2
2314	2314-3	1	TERRENO	-16.28	-2.02	8.28
2314	2314-3	~8	NF	-158.33	-30.43	12.07
2314	2314-3	~19	NF	93.5	14.6	11.95
2314	2314-3	~20	NF	31.59	7.51	11.71
2314	2314-3	1	NF	-23.25	-2.89	11.83
2314	2314-3	~8	SC	-8.938E-12	-1.015E-11	1.723E-12
2314	2314-3	~19	SC	2.018E-13	4.787E-12	-3.623E-13
2314	2314-3	~20	SC	3.069E-12	1.799E-12	-1.893E-12
2314	2314-3	1	SC	-1.472E-11	-7.983E-12	1.330E-12
2314	2314-3	~8	AGUA INT	158.33	30.43	-12.07
2314	2314-3	~19	AGUA INT	-93.5	-14.6	-11.95
2314	2314-3	~20	AGUA INT	-31.59	-7.51	-11.71
2314	2314-3	1	AGUA INT	23.25	2.89	-11.83
2314	2314-4	~3	DEAD	-42.67	-235.04	-23.02
2314	2314-4	2043	DEAD	-14.41	-50.35	-29.39
2314	2314-4	~21	DEAD	47.03	-9.99	-3.62
2314	2314-4	~18	DEAD	-15.86	-76.3	2.75
2314	2314-4	~3	TERRENO	10.38	-34.65	14.18
2314	2314-4	2043	TERRENO	-19.3	-9.96	10.92
2314	2314-4	~21	TERRENO	-168.08	-25.36	10.42
2314	2314-4	~18	TERRENO	108.28	89.76	13.68
2314	2314-4	~3	NF	14.83	-49.5	20.25
2314	2314-4	2043	NF	-27.58	-14.23	15.6
2314	2314-4	~21	NF	-240.12	-36.22	14.89
2314	2314-4	~18	NF	154.68	128.22	19.54
2314	2314-4	~3	SC	6.815E-13	1.625E-11	2.634E-12
2314	2314-4	2043	SC	-5.831E-13	9.211E-12	6.669E-12

Table 23: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
2314	2314-4	~21	SC	4.548E-13	7.910E-12	3.457E-12
2314	2314-4	~18	SC	1.356E-12	8.432E-12	5.604E-13
2314	2314-4	~3	AGUA INT	-14.83	49.5	-20.25
2314	2314-4	2043	AGUA INT	27.58	14.23	-15.6
2314	2314-4	~21	AGUA INT	240.12	36.22	-14.89
2314	2314-4	~18	AGUA INT	-154.68	-128.22	-19.54
2314	2314-5	~18	DEAD	-5.62	-25.11	1.23
2314	2314-5	~21	DEAD	44.47	-22.78	0.43
2314	2314-5	~22	DEAD	-2.8	-28.75	1.68
2314	2314-5	~19	DEAD	-4.01	-25.79	2.47
2314	2314-5	~18	TERRENO	108.29	89.82	-1.27
2314	2314-5	~21	TERRENO	-167.64	-23.16	1.59
2314	2314-5	~22	TERRENO	-111.47	-24.52	-5.95
2314	2314-5	~19	TERRENO	67.18	18.85	-8.8
2314	2314-5	~18	NF	154.7	128.32	-1.81
2314	2314-5	~21	NF	-239.49	-33.09	2.27
2314	2314-5	~22	NF	-159.25	-35.03	-8.49
2314	2314-5	~19	NF	95.97	26.93	-12.57
2314	2314-5	~18	SC	1.013E-12	6.720E-12	2.184E-12
2314	2314-5	~21	SC	4.770E-13	8.021E-12	7.976E-13
2314	2314-5	~22	SC	5.938E-12	8.533E-12	-4.929E-13
2314	2314-5	~19	SC	-1.861E-13	5.197E-12	-1.382E-12
2314	2314-5	~18	AGUA INT	-154.7	-128.32	1.81
2314	2314-5	~21	AGUA INT	239.49	33.09	-2.27
2314	2314-5	~22	AGUA INT	159.25	35.03	8.49
2314	2314-5	~19	AGUA INT	-95.97	-26.93	12.57
2314	2314-6	~19	DEAD	1.2	0.25	1.15
2314	2314-6	~22	DEAD	1.1	-9.23	1.76
2314	2314-6	2	DEAD	-5.41	-13.21	1.33
2314	2314-6	~20	DEAD	1.49	-7.75	0.72
2314	2314-6	~19	TERRENO	65.45	10.22	-8.36
2314	2314-6	~22	TERRENO	-110.83	-21.3	-8.45
2314	2314-6	2	TERRENO	-16.28	-2.02	-8.28
2314	2314-6	~20	TERRENO	22.11	5.26	-8.2
2314	2314-6	~19	NF	93.5	14.6	-11.95
2314	2314-6	~22	NF	-158.33	-30.43	-12.07
2314	2314-6	2	NF	-23.25	-2.89	-11.83
2314	2314-6	~20	NF	31.59	7.51	-11.71
2314	2314-6	~19	SC	-1.330E-12	-5.208E-13	-2.880E-12
2314	2314-6	~22	SC	4.242E-12	5.239E-14	-1.553E-12
2314	2314-6	2	SC	1.917E-11	7.331E-12	-5.228E-12
2314	2314-6	~20	SC	2.306E-12	2.240E-12	-4.279E-12
2314	2314-6	~19	AGUA INT	-93.5	-14.6	11.95
2314	2314-6	~22	AGUA INT	158.33	30.43	12.07
2314	2314-6	2	AGUA INT	23.25	2.89	11.83
2314	2314-6	~20	AGUA INT	-31.59	-7.51	11.71
2414	2414-1	4	DEAD	-5.41	-13.21	1.33
2414	2414-1	~23	DEAD	1.49	-7.75	0.72
2414	2414-1	~24	DEAD	1.2	0.25	1.15
2414	2414-1	~16	DEAD	1.1	-9.23	1.76
2414	2414-1	4	TERRENO	-16.28	-2.02	-8.28
2414	2414-1	~23	TERRENO	22.11	5.26	-8.2
2414	2414-1	~24	TERRENO	65.45	10.22	-8.36
2414	2414-1	~16	TERRENO	-110.83	-21.3	-8.45
2414	2414-1	4	NF	-23.25	-2.89	-11.83

Table 23: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
2414	2414-1	~23	NF	31.59	7.51	-11.71
2414	2414-1	~24	NF	93.5	14.6	-11.95
2414	2414-1	~16	NF	-158.33	-30.43	-12.07
2414	2414-1	4	SC	-1.510E-11	-4.906E-12	-1.173E-12
2414	2414-1	~23	SC	-1.642E-12	2.040E-12	1.058E-12
2414	2414-1	~24	SC	2.511E-12	2.535E-12	3.002E-12
2414	2414-1	~16	SC	-8.428E-12	-7.957E-12	1.908E-12
2414	2414-1	4	AGUA INT	23.25	2.89	11.83
2414	2414-1	~23	AGUA INT	-31.59	-7.51	11.71
2414	2414-1	~24	AGUA INT	-93.5	-14.6	11.95
2414	2414-1	~16	AGUA INT	158.33	30.43	12.07
2414	2414-2	~16	DEAD	-2.8	-28.75	1.68
2414	2414-2	~24	DEAD	-4.01	-25.79	2.47
2414	2414-2	~25	DEAD	-5.62	-25.11	1.23
2414	2414-2	~17	DEAD	44.47	-22.78	0.43
2414	2414-2	~16	TERRENO	-111.47	-24.52	-5.95
2414	2414-2	~24	TERRENO	67.18	18.85	-8.8
2414	2414-2	~25	TERRENO	108.29	89.82	-1.27
2414	2414-2	~17	TERRENO	-167.64	-23.16	1.59
2414	2414-2	~16	NF	-159.25	-35.03	-8.49
2414	2414-2	~24	NF	95.97	26.93	-12.57
2414	2414-2	~25	NF	154.7	128.32	-1.81
2414	2414-2	~17	NF	-239.49	-33.09	2.27
2414	2414-2	~16	SC	-6.648E-12	9.419E-13	1.382E-12
2414	2414-2	~24	SC	1.648E-12	-1.781E-12	2.414E-12
2414	2414-2	~25	SC	7.047E-13	1.540E-13	-7.835E-13
2414	2414-2	~17	SC	-5.839E-12	-6.675E-12	-2.384E-12
2414	2414-2	~16	AGUA INT	159.25	35.03	8.49
2414	2414-2	~24	AGUA INT	-95.97	-26.93	12.57
2414	2414-2	~25	AGUA INT	-154.7	-128.32	1.81
2414	2414-2	~17	AGUA INT	239.49	33.09	-2.27
2414	2414-3	~17	DEAD	47.03	-9.99	-3.62
2414	2414-3	~25	DEAD	-15.86	-76.3	2.75
2414	2414-3	~4	DEAD	-42.67	-235.04	-23.02
2414	2414-3	2044	DEAD	-14.41	-50.35	-29.39
2414	2414-3	~17	TERRENO	-168.08	-25.36	10.42
2414	2414-3	~25	TERRENO	108.28	89.76	13.68
2414	2414-3	~4	TERRENO	10.38	-34.65	14.18
2414	2414-3	2044	TERRENO	-19.3	-9.96	10.92
2414	2414-3	~17	NF	-240.12	-36.22	14.89
2414	2414-3	~25	NF	154.68	128.22	19.54
2414	2414-3	~4	NF	14.83	-49.5	20.25
2414	2414-3	2044	NF	-27.58	-14.23	15.6
2414	2414-3	~17	SC	-5.513E-12	-5.046E-12	-1.939E-12
2414	2414-3	~25	SC	1.573E-12	4.493E-12	-2.936E-12
2414	2414-3	~4	SC	3.191E-12	1.674E-11	-2.808E-13
2414	2414-3	2044	SC	8.056E-13	-1.458E-12	5.267E-12
2414	2414-3	~17	AGUA INT	240.12	36.22	-14.89
2414	2414-3	~25	AGUA INT	-154.68	-128.22	-19.54
2414	2414-3	~4	AGUA INT	-14.83	49.5	-20.25
2414	2414-3	2044	AGUA INT	27.58	14.23	-15.6
2414	2414-4	~23	DEAD	1.49	-7.75	-0.72
2414	2414-4	2	DEAD	-5.41	-13.21	-1.33
2414	2414-4	~22	DEAD	1.1	-9.23	-1.76
2414	2414-4	~24	DEAD	1.2	0.25	-1.15

Table 23: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top	S22Top	S12Top
				KN/m2	KN/m2	KN/m2
2414	2414-4	~23	TERRENO	22.11	5.26	8.2
2414	2414-4	2	TERRENO	-16.28	-2.02	8.28
2414	2414-4	~22	TERRENO	-110.83	-21.3	8.45
2414	2414-4	~24	TERRENO	65.45	10.22	8.36
2414	2414-4	~23	NF	31.59	7.51	11.71
2414	2414-4	2	NF	-23.25	-2.89	11.83
2414	2414-4	~22	NF	-158.33	-30.43	12.07
2414	2414-4	~24	NF	93.5	14.6	11.95
2414	2414-4	~23	SC	1.523E-12	4.931E-12	3.854E-12
2414	2414-4	2	SC	1.680E-11	6.314E-12	3.085E-12
2414	2414-4	~22	SC	4.800E-12	-2.449E-12	-1.319E-12
2414	2414-4	~24	SC	4.856E-13	3.889E-12	-5.500E-13
2414	2414-4	~23	AGUA INT	-31.59	-7.51	-11.71
2414	2414-4	2	AGUA INT	23.25	2.89	-11.83
2414	2414-4	~22	AGUA INT	158.33	30.43	-12.07
2414	2414-4	~24	AGUA INT	-93.5	-14.6	-11.95
2414	2414-5	~24	DEAD	-4.01	-25.79	-2.47
2414	2414-5	~22	DEAD	-2.8	-28.75	-1.68
2414	2414-5	~21	DEAD	44.47	-22.78	-0.43
2414	2414-5	~25	DEAD	-5.62	-25.11	-1.23
2414	2414-5	~24	TERRENO	67.18	18.85	8.8
2414	2414-5	~22	TERRENO	-111.47	-24.52	5.95
2414	2414-5	~21	TERRENO	-167.64	-23.16	-1.59
2414	2414-5	~25	TERRENO	108.29	89.82	1.27
2414	2414-5	~24	NF	95.97	26.93	12.57
2414	2414-5	~22	NF	-159.25	-35.03	8.49
2414	2414-5	~21	NF	-239.49	-33.09	-2.27
2414	2414-5	~25	NF	154.7	128.32	1.81
2414	2414-5	~24	SC	-3.203E-14	1.301E-12	-5.554E-13
2414	2414-5	~22	SC	7.238E-12	9.741E-12	-2.235E-12
2414	2414-5	~21	SC	-6.498E-13	8.003E-12	-5.655E-13
2414	2414-5	~25	SC	-4.514E-13	-2.332E-12	-5.919E-13
2414	2414-5	~24	AGUA INT	-95.97	-26.93	-12.57
2414	2414-5	~22	AGUA INT	159.25	35.03	-8.49
2414	2414-5	~21	AGUA INT	239.49	33.09	2.27
2414	2414-5	~25	AGUA INT	-154.7	-128.32	-1.81
2414	2414-6	~25	DEAD	-15.86	-76.3	-2.75
2414	2414-6	~21	DEAD	47.03	-9.99	3.62
2414	2414-6	2043	DEAD	-14.41	-50.35	29.39
2414	2414-6	~4	DEAD	-42.67	-235.04	23.02
2414	2414-6	~25	TERRENO	108.28	89.76	-13.68
2414	2414-6	~21	TERRENO	-168.08	-25.36	-10.42
2414	2414-6	2043	TERRENO	-19.3	-9.96	-10.92
2414	2414-6	~4	TERRENO	10.38	-34.65	-14.18
2414	2414-6	~25	NF	154.68	128.22	-19.54
2414	2414-6	~21	NF	-240.12	-36.22	-14.89
2414	2414-6	2043	NF	-27.58	-14.23	-15.6
2414	2414-6	~4	NF	14.83	-49.5	-20.25
2414	2414-6	~25	SC	2.164E-12	1.074E-11	-1.221E-12
2414	2414-6	~21	SC	-2.430E-12	-8.975E-13	-3.541E-12
2414	2414-6	2043	SC	2.659E-12	1.600E-11	-2.559E-12
2414	2414-6	~4	SC	2.249E-12	1.557E-11	-4.790E-12
2414	2414-6	~25	AGUA INT	-154.68	-128.22	19.54
2414	2414-6	~21	AGUA INT	240.12	36.22	14.89
2414	2414-6	2043	AGUA INT	27.58	14.23	15.6

Table 23: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
2414	2414-6	~4	AGUA INT	-14.83	49.5	20.25

Table 23: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
2012	2012-1	2042	DEAD	10.64	10.64	-63.36
2012	2012-1	~1	DEAD	109.64	-27.54	-42.55
2012	2012-1	~2	DEAD	-319.97	-319.97	-21.75
2012	2012-1	~3	DEAD	-27.54	109.64	-42.55
2012	2012-1	2042	TERRENO	9.64	9.64	-6.6
2012	2012-1	~1	TERRENO	10.02	10.4	-3.78
2012	2012-1	~2	TERRENO	-6.68	-6.68	-0.97
2012	2012-1	~3	TERRENO	10.4	10.02	-3.78
2012	2012-1	2042	NF	13.78	13.78	-9.43
2012	2012-1	~1	NF	14.31	14.85	-5.41
2012	2012-1	~2	NF	-9.54	-9.54	-1.38
2012	2012-1	~3	NF	14.85	14.31	-5.41
2012	2012-1	2042	SC	3.846E-12	-1.457E-12	5.264E-12
2012	2012-1	~1	SC	-1.343E-11	-4.178E-12	3.738E-12
2012	2012-1	~2	SC	2.838E-11	2.496E-11	2.585E-12
2012	2012-1	~3	SC	2.320E-12	-8.842E-12	5.476E-12
2012	2012-1	2042	AGUA INT	-13.78	-13.78	9.43
2012	2012-1	~1	AGUA INT	-14.31	-14.85	5.41
2012	2012-1	~2	AGUA INT	9.54	9.54	1.38
2012	2012-1	~3	AGUA INT	-14.85	-14.31	5.41
2012	2012-2	~3	DEAD	-27.54	109.64	42.55
2012	2012-2	~2	DEAD	-319.97	-319.97	21.75
2012	2012-2	~4	DEAD	109.64	-27.54	42.55
2012	2012-2	2043	DEAD	10.64	10.64	63.36
2012	2012-2	~3	TERRENO	10.4	10.02	3.78
2012	2012-2	~2	TERRENO	-6.68	-6.68	0.97
2012	2012-2	~4	TERRENO	10.02	10.4	3.78
2012	2012-2	2043	TERRENO	9.64	9.64	6.6
2012	2012-2	~3	NF	14.85	14.31	5.41
2012	2012-2	~2	NF	-9.54	-9.54	1.38
2012	2012-2	~4	NF	14.31	14.85	5.41
2012	2012-2	2043	NF	13.78	13.78	9.43
2012	2012-2	~3	SC	5.163E-12	-8.700E-12	-1.653E-12
2012	2012-2	~2	SC	2.238E-11	2.229E-11	6.325E-13
2012	2012-2	~4	SC	-8.239E-12	-4.636E-13	-1.414E-12
2012	2012-2	2043	SC	-8.733E-12	-5.174E-12	-2.334E-12
2012	2012-2	~3	AGUA INT	-14.85	-14.31	-5.41
2012	2012-2	~2	AGUA INT	9.54	9.54	-1.38
2012	2012-2	~4	AGUA INT	-14.31	-14.85	-5.41
2012	2012-2	2043	AGUA INT	-13.78	-13.78	-9.43
2012	2012-3	~1	DEAD	109.64	-27.54	42.55
2012	2012-3	2045	DEAD	10.64	10.64	63.36
2012	2012-3	~5	DEAD	-27.54	109.64	42.55
2012	2012-3	~2	DEAD	-319.97	-319.97	21.75
2012	2012-3	~1	TERRENO	10.02	10.4	3.78
2012	2012-3	2045	TERRENO	9.64	9.64	6.6
2012	2012-3	~5	TERRENO	10.4	10.02	3.78
2012	2012-3	~2	TERRENO	-6.68	-6.68	0.97
2012	2012-3	~1	NF	14.31	14.85	5.41

Table 23: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot	S22Bot	S12Bot
				KN/m2	KN/m2	KN/m2
2012	2012-3	2045	NF	13.78	13.78	9.43
2012	2012-3	~5	NF	14.85	14.31	5.41
2012	2012-3	~2	NF	-9.54	-9.54	1.38
2012	2012-3	~1	SC	-1.269E-11	1.665E-12	-3.005E-12
2012	2012-3	2045	SC	-2.030E-12	1.770E-12	-1.959E-12
2012	2012-3	~5	SC	1.201E-12	-1.066E-11	-1.222E-12
2012	2012-3	~2	SC	2.842E-11	2.302E-11	-2.202E-13
2012	2012-3	~1	AGUA INT	-14.31	-14.85	-5.41
2012	2012-3	2045	AGUA INT	-13.78	-13.78	-9.43
2012	2012-3	~5	AGUA INT	-14.85	-14.31	-5.41
2012	2012-3	~2	AGUA INT	9.54	9.54	-1.38
2012	2012-4	~2	DEAD	-319.97	-319.97	-21.75
2012	2012-4	~5	DEAD	-27.54	109.64	-42.55
2012	2012-4	2044	DEAD	10.64	10.64	-63.36
2012	2012-4	~4	DEAD	109.64	-27.54	-42.55
2012	2012-4	~2	TERRENO	-6.68	-6.68	-0.97
2012	2012-4	~5	TERRENO	10.4	10.02	-3.78
2012	2012-4	2044	TERRENO	9.64	9.64	-6.6
2012	2012-4	~4	TERRENO	10.02	10.4	-3.78
2012	2012-4	~2	NF	-9.54	-9.54	-1.38
2012	2012-4	~5	NF	14.85	14.31	-5.41
2012	2012-4	2044	NF	13.78	13.78	-9.43
2012	2012-4	~4	NF	14.31	14.85	-5.41
2012	2012-4	~2	SC	2.251E-11	2.313E-11	3.071E-12
2012	2012-4	~5	SC	1.040E-12	-1.457E-11	2.917E-12
2012	2012-4	2044	SC	3.201E-12	3.371E-12	4.130E-12
2012	2012-4	~4	SC	-7.748E-12	1.824E-12	4.967E-12
2012	2012-4	~2	AGUA INT	9.54	9.54	1.38
2012	2012-4	~5	AGUA INT	-14.85	-14.31	5.41
2012	2012-4	2044	AGUA INT	-13.78	-13.78	9.43
2012	2012-4	~4	AGUA INT	-14.31	-14.85	5.41
2114	2114-1	1	DEAD	0.39	-13.25	0.97
2114	2114-1	~6	DEAD	-4.25	-7.4	0.36
2114	2114-1	~7	DEAD	2.698E-02	-14.61	-0.43
2114	2114-1	~8	DEAD	-2.14	-16.43	0.18
2114	2114-1	1	TERRENO	22.36	6.48	7.5
2114	2114-1	~6	TERRENO	-15.8	0.36	7.58
2114	2114-1	~7	TERRENO	-109.5	-14.67	9.8
2114	2114-1	~8	TERRENO	66.54	15.68	9.72
2114	2114-1	1	NF	31.94	9.25	10.71
2114	2114-1	~6	NF	-22.57	0.52	10.83
2114	2114-1	~7	NF	-156.43	-20.96	14.
2114	2114-1	~8	NF	95.06	22.4	13.88
2114	2114-1	1	SC	1.554E-11	-5.798E-12	-4.580E-12
2114	2114-1	~6	SC	4.652E-12	3.483E-12	-5.408E-12
2114	2114-1	~7	SC	-5.623E-13	-3.116E-12	-2.602E-12
2114	2114-1	~8	SC	4.901E-12	-2.559E-12	-1.775E-12
2114	2114-1	1	AGUA INT	-31.94	-9.25	-10.71
2114	2114-1	~6	AGUA INT	22.57	-0.52	-10.83
2114	2114-1	~7	AGUA INT	156.43	20.96	-14.
2114	2114-1	~8	AGUA INT	-95.06	-22.4	-13.88
2114	2114-2	~8	DEAD	-6.54	-38.44	-2.53
2114	2114-2	~7	DEAD	-4.79	-38.72	-1.74
2114	2114-2	~9	DEAD	42.99	-30.17	-6.76
2114	2114-2	~10	DEAD	-7.63	-35.17	-7.55

Table 23: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
2114	2114-2	~8	TERRENO	65.97	12.81	13.09
2114	2114-2	~7	TERRENO	-106.77	-0.99	10.24
2114	2114-2	~9	TERRENO	-178.64	-78.12	0.96
2114	2114-2	~10	TERRENO	91.38	5.3	3.81
2114	2114-2	~8	NF	94.24	18.3	18.71
2114	2114-2	~7	NF	-152.53	-1.42	14.62
2114	2114-2	~9	NF	-255.19	-111.59	1.37
2114	2114-2	~10	NF	130.55	7.58	5.45
2114	2114-2	~8	SC	4.737E-12	-3.374E-12	-2.814E-12
2114	2114-2	~7	SC	4.323E-14	-8.870E-14	-4.739E-12
2114	2114-2	~9	SC	-1.840E-12	-9.686E-13	-7.753E-13
2114	2114-2	~10	SC	1.189E-12	-4.800E-12	1.182E-14
2114	2114-2	~8	AGUA INT	-94.24	-18.3	-18.71
2114	2114-2	~7	AGUA INT	152.53	1.42	-14.62
2114	2114-2	~9	AGUA INT	255.19	111.59	-1.37
2114	2114-2	~10	AGUA INT	-130.55	-7.58	-5.45
2114	2114-3	~10	DEAD	-2.24	-8.19	-14.65
2114	2114-3	~9	DEAD	29.12	-99.54	-8.28
2114	2114-3	~1	DEAD	5.48	49.11	2.89
2114	2114-3	2042	DEAD	8.75	22.08	-3.48
2114	2114-3	~10	TERRENO	90.94	3.08	-17.25
2114	2114-3	~9	TERRENO	-179.54	-82.63	-13.99
2114	2114-3	~1	TERRENO	-5.93	56.92	-13.94
2114	2114-3	2042	TERRENO	17.88	2.83	-17.2
2114	2114-3	~10	NF	129.92	4.41	-24.64
2114	2114-3	~9	NF	-256.48	-118.04	-19.99
2114	2114-3	~1	NF	-8.47	81.32	-19.92
2114	2114-3	2042	NF	25.54	4.04	-24.57
2114	2114-3	~10	SC	5.572E-13	-7.961E-12	2.244E-12
2114	2114-3	~9	SC	-6.799E-13	4.830E-12	-5.662E-13
2114	2114-3	~1	SC	-2.130E-12	-8.847E-12	-9.102E-13
2114	2114-3	2042	SC	-1.585E-12	-1.559E-12	3.038E-12
2114	2114-3	~10	AGUA INT	-129.92	-4.41	24.64
2114	2114-3	~9	AGUA INT	256.48	118.04	19.99
2114	2114-3	~1	AGUA INT	8.47	-81.32	19.92
2114	2114-3	2042	AGUA INT	-25.54	-4.04	24.57
2114	2114-4	~6	DEAD	-4.25	-7.4	-0.36
2114	2114-4	3	DEAD	0.39	-13.25	-0.97
2114	2114-4	~11	DEAD	-2.14	-16.43	-0.18
2114	2114-4	~7	DEAD	2.698E-02	-14.61	0.43
2114	2114-4	~6	TERRENO	-15.8	0.36	-7.58
2114	2114-4	3	TERRENO	22.36	6.48	-7.5
2114	2114-4	~11	TERRENO	66.54	15.68	-9.72
2114	2114-4	~7	TERRENO	-109.5	-14.67	-9.8
2114	2114-4	~6	NF	-22.57	0.52	-10.83
2114	2114-4	3	NF	31.94	9.25	-10.71
2114	2114-4	~11	NF	95.06	22.4	-13.88
2114	2114-4	~7	NF	-156.43	-20.96	-14.
2114	2114-4	~6	SC	1.765E-12	4.925E-12	-1.270E-12
2114	2114-4	3	SC	-1.620E-11	-1.362E-12	-5.729E-13
2114	2114-4	~11	SC	-6.403E-12	2.573E-12	-2.609E-12
2114	2114-4	~7	SC	-1.275E-13	-2.375E-12	-3.307E-12
2114	2114-4	~6	AGUA INT	22.57	-0.52	10.83
2114	2114-4	3	AGUA INT	-31.94	-9.25	10.71
2114	2114-4	~11	AGUA INT	-95.06	-22.4	13.88

Table 23: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot	S22Bot	S12Bot
				KN/m2	KN/m2	KN/m2
2114	2114-4	~7	AGUA INT	156.43	20.96	14.
2114	2114-5	~7	DEAD	-4.79	-38.72	1.74
2114	2114-5	~11	DEAD	-6.54	-38.44	2.53
2114	2114-5	~12	DEAD	-7.63	-35.17	7.55
2114	2114-5	~9	DEAD	42.99	-30.17	6.76
2114	2114-5	~7	TERRENO	-106.77	-0.99	-10.24
2114	2114-5	~11	TERRENO	65.97	12.81	-13.09
2114	2114-5	~12	TERRENO	91.38	5.3	-3.81
2114	2114-5	~9	TERRENO	-178.64	-78.12	-0.96
2114	2114-5	~7	NF	-152.53	-1.42	-14.62
2114	2114-5	~11	NF	94.24	18.3	-18.71
2114	2114-5	~12	NF	130.55	7.58	-5.45
2114	2114-5	~9	NF	-255.19	-111.59	-1.37
2114	2114-5	~7	SC	-2.042E-13	-2.759E-12	-4.877E-12
2114	2114-5	~11	SC	-6.121E-12	3.981E-12	-1.412E-12
2114	2114-5	~12	SC	-1.401E-12	3.663E-12	2.687E-12
2114	2114-5	~9	SC	2.849E-13	2.930E-12	-1.916E-12
2114	2114-5	~7	AGUA INT	152.53	1.42	14.62
2114	2114-5	~11	AGUA INT	-94.24	-18.3	18.71
2114	2114-5	~12	AGUA INT	-130.55	-7.58	5.45
2114	2114-5	~9	AGUA INT	255.19	111.59	1.37
2114	2114-6	~9	DEAD	29.12	-99.54	8.28
2114	2114-6	~12	DEAD	-2.24	-8.19	14.65
2114	2114-6	2045	DEAD	8.75	22.08	3.48
2114	2114-6	~1	DEAD	5.48	49.11	-2.89
2114	2114-6	~9	TERRENO	-179.54	-82.63	13.99
2114	2114-6	~12	TERRENO	90.94	3.08	17.25
2114	2114-6	2045	TERRENO	17.88	2.83	17.2
2114	2114-6	~1	TERRENO	-5.93	56.92	13.94
2114	2114-6	~9	NF	-256.48	-118.04	19.99
2114	2114-6	~12	NF	129.92	4.41	24.64
2114	2114-6	2045	NF	25.54	4.04	24.57
2114	2114-6	~1	NF	-8.47	81.32	19.92
2114	2114-6	~9	SC	8.250E-13	5.631E-12	-4.351E-13
2114	2114-6	~12	SC	-3.193E-12	-5.295E-12	-7.088E-13
2114	2114-6	2045	SC	-6.148E-14	-5.718E-12	-4.140E-13
2114	2114-6	~1	SC	-1.059E-12	-8.345E-12	-1.403E-13
2114	2114-6	~9	AGUA INT	256.48	118.04	-19.99
2114	2114-6	~12	AGUA INT	-129.92	-4.41	-24.64
2114	2114-6	2045	AGUA INT	-25.54	-4.04	-24.57
2114	2114-6	~1	AGUA INT	8.47	-81.32	-19.92
2214	2214-1	3	DEAD	0.39	-13.25	0.97
2214	2214-1	~13	DEAD	-4.25	-7.4	0.36
2214	2214-1	~14	DEAD	2.698E-02	-14.61	-0.43
2214	2214-1	~11	DEAD	-2.14	-16.43	0.18
2214	2214-1	3	TERRENO	22.36	6.48	7.5
2214	2214-1	~13	TERRENO	-15.8	0.36	7.58
2214	2214-1	~14	TERRENO	-109.5	-14.67	9.8
2214	2214-1	~11	TERRENO	66.54	15.68	9.72
2214	2214-1	3	NF	31.94	9.25	10.71
2214	2214-1	~13	NF	-22.57	0.52	10.83
2214	2214-1	~14	NF	-156.43	-20.96	14.
2214	2214-1	~11	NF	95.06	22.4	13.88
2214	2214-1	3	SC	-1.581E-11	9.704E-13	5.286E-13
2214	2214-1	~13	SC	7.477E-13	-3.484E-12	2.152E-12

Table 23: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
2214	2214-1	~14	SC	3.372E-13	-3.235E-12	5.101E-12
2214	2214-1	~11	SC	-4.482E-12	5.998E-12	4.047E-12
2214	2214-1	3	AGUA INT	-31.94	-9.25	-10.71
2214	2214-1	~13	AGUA INT	22.57	-0.52	-10.83
2214	2214-1	~14	AGUA INT	156.43	20.96	-14.
2214	2214-1	~11	AGUA INT	-95.06	-22.4	-13.88
2214	2214-2	~11	DEAD	-6.54	-38.44	-2.53
2214	2214-2	~14	DEAD	-4.79	-38.72	-1.74
2214	2214-2	~15	DEAD	42.99	-30.17	-6.76
2214	2214-2	~12	DEAD	-7.63	-35.17	-7.55
2214	2214-2	~11	TERRENO	65.97	12.81	13.09
2214	2214-2	~14	TERRENO	-106.77	-0.99	10.24
2214	2214-2	~15	TERRENO	-178.64	-78.12	0.96
2214	2214-2	~12	TERRENO	91.38	5.3	3.81
2214	2214-2	~11	NF	94.24	18.3	18.71
2214	2214-2	~14	NF	-152.53	-1.42	14.62
2214	2214-2	~15	NF	-255.19	-111.59	1.37
2214	2214-2	~12	NF	130.55	7.58	5.45
2214	2214-2	~11	SC	-5.941E-12	-1.295E-12	4.326E-12
2214	2214-2	~14	SC	8.367E-13	-7.371E-13	4.895E-12
2214	2214-2	~15	SC	-4.083E-12	-5.113E-12	3.930E-12
2214	2214-2	~12	SC	-1.006E-12	8.286E-12	1.655E-12
2214	2214-2	~11	AGUA INT	-94.24	-18.3	-18.71
2214	2214-2	~14	AGUA INT	152.53	1.42	-14.62
2214	2214-2	~15	AGUA INT	255.19	111.59	-1.37
2214	2214-2	~12	AGUA INT	-130.55	-7.58	-5.45
2214	2214-3	~12	DEAD	-2.24	-8.19	-14.65
2214	2214-3	~15	DEAD	29.12	-99.54	-8.28
2214	2214-3	~5	DEAD	5.48	49.11	2.89
2214	2214-3	2045	DEAD	8.75	22.08	-3.48
2214	2214-3	~12	TERRENO	90.94	3.08	-17.25
2214	2214-3	~15	TERRENO	-179.54	-82.63	-13.99
2214	2214-3	~5	TERRENO	-5.93	56.92	-13.94
2214	2214-3	2045	TERRENO	17.88	2.83	-17.2
2214	2214-3	~12	NF	129.92	4.41	-24.64
2214	2214-3	~15	NF	-256.48	-118.04	-19.99
2214	2214-3	~5	NF	-8.47	81.32	-19.92
2214	2214-3	2045	NF	25.54	4.04	-24.57
2214	2214-3	~12	SC	-3.861E-12	-5.993E-12	2.561E-12
2214	2214-3	~15	SC	-2.044E-12	5.080E-12	2.237E-12
2214	2214-3	~5	SC	-1.043E-12	-8.729E-14	4.681E-12
2214	2214-3	2045	SC	-1.797E-12	-3.431E-12	3.868E-12
2214	2214-3	~12	AGUA INT	-129.92	-4.41	24.64
2214	2214-3	~15	AGUA INT	256.48	118.04	19.99
2214	2214-3	~5	AGUA INT	8.47	-81.32	19.92
2214	2214-3	2045	AGUA INT	-25.54	-4.04	24.57
2214	2214-4	~13	DEAD	-4.25	-7.4	-0.36
2214	2214-4	4	DEAD	0.39	-13.25	-0.97
2214	2214-4	~16	DEAD	-2.14	-16.43	-0.18
2214	2214-4	~14	DEAD	2.698E-02	-14.61	0.43
2214	2214-4	~13	TERRENO	-15.8	0.36	-7.58
2214	2214-4	4	TERRENO	22.36	6.48	-7.5
2214	2214-4	~16	TERRENO	66.54	15.68	-9.72
2214	2214-4	~14	TERRENO	-109.5	-14.67	-9.8
2214	2214-4	~13	NF	-22.57	0.52	-10.83

Table 23: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot	S22Bot	S12Bot
				KN/m2	KN/m2	KN/m2
2214	2214-4	4	NF	31.94	9.25	-10.71
2214	2214-4	~16	NF	95.06	22.4	-13.88
2214	2214-4	~14	NF	-156.43	-20.96	-14.
2214	2214-4	~13	SC	-6.167E-13	-2.396E-12	2.386E-12
2214	2214-4	4	SC	1.343E-11	2.022E-12	3.585E-12
2214	2214-4	~16	SC	8.834E-12	-1.025E-12	2.595E-12
2214	2214-4	~14	SC	1.143E-12	-1.058E-12	4.240E-12
2214	2214-4	~13	AGUA INT	22.57	-0.52	10.83
2214	2214-4	4	AGUA INT	-31.94	-9.25	10.71
2214	2214-4	~16	AGUA INT	-95.06	-22.4	13.88
2214	2214-4	~14	AGUA INT	156.43	20.96	14.
2214	2214-5	~14	DEAD	-4.79	-38.72	1.74
2214	2214-5	~16	DEAD	-6.54	-38.44	2.53
2214	2214-5	~17	DEAD	-7.63	-35.17	7.55
2214	2214-5	~15	DEAD	42.99	-30.17	6.76
2214	2214-5	~14	TERRENO	-106.77	-0.99	-10.24
2214	2214-5	~16	TERRENO	65.97	12.81	-13.09
2214	2214-5	~17	TERRENO	91.38	5.3	-3.81
2214	2214-5	~15	TERRENO	-178.64	-78.12	-0.96
2214	2214-5	~14	NF	-152.53	-1.42	-14.62
2214	2214-5	~16	NF	94.24	18.3	-18.71
2214	2214-5	~17	NF	130.55	7.58	-5.45
2214	2214-5	~15	NF	-255.19	-111.59	-1.37
2214	2214-5	~14	SC	1.652E-12	1.486E-12	3.799E-12
2214	2214-5	~16	SC	7.320E-12	-8.594E-12	2.249E-12
2214	2214-5	~17	SC	1.176E-13	-3.533E-12	4.269E-12
2214	2214-5	~15	SC	-5.333E-12	-4.957E-12	2.975E-12
2214	2214-5	~14	AGUA INT	152.53	1.42	14.62
2214	2214-5	~16	AGUA INT	-94.24	-18.3	18.71
2214	2214-5	~17	AGUA INT	-130.55	-7.58	5.45
2214	2214-5	~15	AGUA INT	255.19	111.59	1.37
2214	2214-6	~15	DEAD	29.12	-99.54	8.28
2214	2214-6	~17	DEAD	-2.24	-8.19	14.65
2214	2214-6	2044	DEAD	8.75	22.08	3.48
2214	2214-6	~5	DEAD	5.48	49.11	-2.89
2214	2214-6	~15	TERRENO	-179.54	-82.63	13.99
2214	2214-6	~17	TERRENO	90.94	3.08	17.25
2214	2214-6	2044	TERRENO	17.88	2.83	17.2
2214	2214-6	~5	TERRENO	-5.93	56.92	13.94
2214	2214-6	~15	NF	-256.48	-118.04	19.99
2214	2214-6	~17	NF	129.92	4.41	24.64
2214	2214-6	2044	NF	25.54	4.04	24.57
2214	2214-6	~5	NF	-8.47	81.32	19.92
2214	2214-6	~15	SC	-2.592E-12	8.744E-12	5.744E-12
2214	2214-6	~17	SC	-2.161E-15	-4.132E-12	-8.483E-13
2214	2214-6	2044	SC	-1.144E-12	-8.067E-12	-7.805E-13
2214	2214-6	~5	SC	8.233E-13	-4.576E-13	3.537E-12
2214	2214-6	~15	AGUA INT	256.48	118.04	-19.99
2214	2214-6	~17	AGUA INT	-129.92	-4.41	-24.64
2214	2214-6	2044	AGUA INT	-25.54	-4.04	-24.57
2214	2214-6	~5	AGUA INT	8.47	-81.32	-19.92
2314	2314-1	2042	DEAD	8.75	22.08	3.48
2314	2314-1	~3	DEAD	5.48	49.11	-2.89
2314	2314-1	~18	DEAD	29.12	-99.54	8.28
2314	2314-1	~10	DEAD	-2.24	-8.19	14.65

Table 23: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
2314	2314-1	2042	TERRENO	17.88	2.83	17.2
2314	2314-1	~3	TERRENO	-5.93	56.92	13.94
2314	2314-1	~18	TERRENO	-179.54	-82.63	13.99
2314	2314-1	~10	TERRENO	90.94	3.08	17.25
2314	2314-1	2042	NF	25.54	4.04	24.57
2314	2314-1	~3	NF	-8.47	81.32	19.92
2314	2314-1	~18	NF	-256.48	-118.04	19.99
2314	2314-1	~10	NF	129.92	4.41	24.64
2314	2314-1	2042	SC	1.458E-12	-3.345E-12	4.013E-12
2314	2314-1	~3	SC	4.708E-12	3.424E-12	3.236E-12
2314	2314-1	~18	SC	-2.207E-12	9.990E-12	-3.587E-13
2314	2314-1	~10	SC	-5.524E-13	3.659E-13	9.879E-13
2314	2314-1	2042	AGUA INT	-25.54	-4.04	-24.57
2314	2314-1	~3	AGUA INT	8.47	-81.32	-19.92
2314	2314-1	~18	AGUA INT	256.48	118.04	-19.99
2314	2314-1	~10	AGUA INT	-129.92	-4.41	-24.64
2314	2314-2	~10	DEAD	-7.63	-35.17	7.55
2314	2314-2	~18	DEAD	42.99	-30.17	6.76
2314	2314-2	~19	DEAD	-4.79	-38.72	1.74
2314	2314-2	~8	DEAD	-6.54	-38.44	2.53
2314	2314-2	~10	TERRENO	91.38	5.3	-3.81
2314	2314-2	~18	TERRENO	-178.64	-78.12	-0.96
2314	2314-2	~19	TERRENO	-106.77	-0.99	-10.24
2314	2314-2	~8	TERRENO	65.97	12.81	-13.09
2314	2314-2	~10	NF	130.55	7.58	-5.45
2314	2314-2	~18	NF	-255.19	-111.59	-1.37
2314	2314-2	~19	NF	-152.53	-1.42	-14.62
2314	2314-2	~8	NF	94.24	18.3	-18.71
2314	2314-2	~10	SC	-2.247E-12	-8.106E-12	7.866E-13
2314	2314-2	~18	SC	-2.810E-12	6.979E-12	2.824E-12
2314	2314-2	~19	SC	1.408E-12	8.239E-12	3.512E-12
2314	2314-2	~8	SC	4.019E-12	-9.473E-12	4.318E-12
2314	2314-2	~10	AGUA INT	-130.55	-7.58	5.45
2314	2314-2	~18	AGUA INT	255.19	111.59	1.37
2314	2314-2	~19	AGUA INT	152.53	1.42	14.62
2314	2314-2	~8	AGUA INT	-94.24	-18.3	18.71
2314	2314-3	~8	DEAD	-2.14	-16.43	-0.18
2314	2314-3	~19	DEAD	2.698E-02	-14.61	0.43
2314	2314-3	~20	DEAD	-4.25	-7.4	-0.36
2314	2314-3	1	DEAD	0.39	-13.25	-0.97
2314	2314-3	~8	TERRENO	66.54	15.68	-9.72
2314	2314-3	~19	TERRENO	-109.5	-14.67	-9.8
2314	2314-3	~20	TERRENO	-15.8	0.36	-7.58
2314	2314-3	1	TERRENO	22.36	6.48	-7.5
2314	2314-3	~8	NF	95.06	22.4	-13.88
2314	2314-3	~19	NF	-156.43	-20.96	-14.
2314	2314-3	~20	NF	-22.57	0.52	-10.83
2314	2314-3	1	NF	31.94	9.25	-10.71
2314	2314-3	~8	SC	5.501E-12	-2.065E-12	5.085E-12
2314	2314-3	~19	SC	5.419E-13	3.910E-12	5.482E-12
2314	2314-3	~20	SC	6.758E-13	3.192E-12	3.049E-12
2314	2314-3	1	SC	1.542E-11	-2.245E-12	3.789E-12
2314	2314-3	~8	AGUA INT	-95.06	-22.4	13.88
2314	2314-3	~19	AGUA INT	156.43	20.96	14.
2314	2314-3	~20	AGUA INT	22.57	-0.52	10.83

Table 23: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot	S22Bot	S12Bot
				KN/m2	KN/m2	KN/m2
2314	2314-3	1	AGUA INT	-31.94	-9.25	10.71
2314	2314-4	~3	DEAD	5.48	49.11	2.89
2314	2314-4	2043	DEAD	8.75	22.08	-3.48
2314	2314-4	~21	DEAD	-2.24	-8.19	-14.65
2314	2314-4	~18	DEAD	29.12	-99.54	-8.28
2314	2314-4	~3	TERRENO	-5.93	56.92	-13.94
2314	2314-4	2043	TERRENO	17.88	2.83	-17.2
2314	2314-4	~21	TERRENO	90.94	3.08	-17.25
2314	2314-4	~18	TERRENO	-179.54	-82.63	-13.99
2314	2314-4	~3	NF	-8.47	81.32	-19.92
2314	2314-4	2043	NF	25.54	4.04	-24.57
2314	2314-4	~21	NF	129.92	4.41	-24.64
2314	2314-4	~18	NF	-256.48	-118.04	-19.99
2314	2314-4	~3	SC	-2.504E-12	1.925E-12	2.777E-12
2314	2314-4	2043	SC	-1.567E-12	7.319E-12	6.237E-12
2314	2314-4	~21	SC	-4.865E-13	9.042E-12	5.542E-12
2314	2314-4	~18	SC	-1.059E-12	1.016E-11	3.220E-12
2314	2314-4	~3	AGUA INT	8.47	-81.32	19.92
2314	2314-4	2043	AGUA INT	-25.54	-4.04	24.57
2314	2314-4	~21	AGUA INT	-129.92	-4.41	24.64
2314	2314-4	~18	AGUA INT	256.48	118.04	19.99
2314	2314-5	~18	DEAD	42.99	-30.17	-6.76
2314	2314-5	~21	DEAD	-7.63	-35.17	-7.55
2314	2314-5	~22	DEAD	-6.54	-38.44	-2.53
2314	2314-5	~19	DEAD	-4.79	-38.72	-1.74
2314	2314-5	~18	TERRENO	-178.64	-78.12	0.96
2314	2314-5	~21	TERRENO	91.38	5.3	3.81
2314	2314-5	~22	TERRENO	65.97	12.81	13.09
2314	2314-5	~19	TERRENO	-106.77	-0.99	10.24
2314	2314-5	~18	NF	-255.19	-111.59	1.37
2314	2314-5	~21	NF	130.55	7.58	5.45
2314	2314-5	~22	NF	94.24	18.3	18.71
2314	2314-5	~19	NF	-152.53	-1.42	14.62
2314	2314-5	~18	SC	-1.607E-12	7.423E-12	5.745E-12
2314	2314-5	~21	SC	-7.745E-13	7.603E-12	2.429E-12
2314	2314-5	~22	SC	-5.493E-12	1.370E-11	2.045E-12
2314	2314-5	~19	SC	-1.372E-12	7.022E-12	3.086E-12
2314	2314-5	~18	AGUA INT	255.19	111.59	-1.37
2314	2314-5	~21	AGUA INT	-130.55	-7.58	-5.45
2314	2314-5	~22	AGUA INT	-94.24	-18.3	-18.71
2314	2314-5	~19	AGUA INT	152.53	1.42	-14.62
2314	2314-6	~19	DEAD	2.698E-02	-14.61	-0.43
2314	2314-6	~22	DEAD	-2.14	-16.43	0.18
2314	2314-6	2	DEAD	0.39	-13.25	0.97
2314	2314-6	~20	DEAD	-4.25	-7.4	0.36
2314	2314-6	~19	TERRENO	-109.5	-14.67	9.8
2314	2314-6	~22	TERRENO	66.54	15.68	9.72
2314	2314-6	2	TERRENO	22.36	6.48	7.5
2314	2314-6	~20	TERRENO	-15.8	0.36	7.58
2314	2314-6	~19	NF	-156.43	-20.96	14.
2314	2314-6	~22	NF	95.06	22.4	13.88
2314	2314-6	2	NF	31.94	9.25	10.71
2314	2314-6	~20	NF	-22.57	0.52	10.83
2314	2314-6	~19	SC	-3.142E-12	-1.828E-12	2.992E-12
2314	2314-6	~22	SC	-8.593E-12	-1.800E-12	1.719E-12

Table 23: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot	S22Bot	S12Bot
				KN/m2	KN/m2	KN/m2
2314	2314-6	2	SC	-1.249E-11	-2.719E-12	-2.847E-12
2314	2314-6	~20	SC	4.825E-12	4.615E-12	7.005E-13
2314	2314-6	~19	AGUA INT	156.43	20.96	-14.
2314	2314-6	~22	AGUA INT	-95.06	-22.4	-13.88
2314	2314-6	2	AGUA INT	-31.94	-9.25	-10.71
2314	2314-6	~20	AGUA INT	22.57	-0.52	-10.83
2414	2414-1	4	DEAD	0.39	-13.25	0.97
2414	2414-1	~23	DEAD	-4.25	-7.4	0.36
2414	2414-1	~24	DEAD	2.698E-02	-14.61	-0.43
2414	2414-1	~16	DEAD	-2.14	-16.43	0.18
2414	2414-1	4	TERRENO	22.36	6.48	7.5
2414	2414-1	~23	TERRENO	-15.8	0.36	7.58
2414	2414-1	~24	TERRENO	-109.5	-14.67	9.8
2414	2414-1	~16	TERRENO	66.54	15.68	9.72
2414	2414-1	4	NF	31.94	9.25	10.71
2414	2414-1	~23	NF	-22.57	0.52	10.83
2414	2414-1	~24	NF	-156.43	-20.96	14.
2414	2414-1	~16	NF	95.06	22.4	13.88
2414	2414-1	4	SC	1.184E-11	2.556E-12	-5.118E-13
2414	2414-1	~23	SC	5.813E-14	3.982E-12	-8.683E-13
2414	2414-1	~24	SC	-6.808E-13	-2.290E-12	-2.834E-12
2414	2414-1	~16	SC	1.029E-11	8.362E-12	-1.340E-12
2414	2414-1	4	AGUA INT	-31.94	-9.25	-10.71
2414	2414-1	~23	AGUA INT	22.57	-0.52	-10.83
2414	2414-1	~24	AGUA INT	156.43	20.96	-14.
2414	2414-1	~16	AGUA INT	-95.06	-22.4	-13.88
2414	2414-2	~16	DEAD	-6.54	-38.44	-2.53
2414	2414-2	~24	DEAD	-4.79	-38.72	-1.74
2414	2414-2	~25	DEAD	42.99	-30.17	-6.76
2414	2414-2	~17	DEAD	-7.63	-35.17	-7.55
2414	2414-2	~16	TERRENO	65.97	12.81	13.09
2414	2414-2	~24	TERRENO	-106.77	-0.99	10.24
2414	2414-2	~25	TERRENO	-178.64	-78.12	0.96
2414	2414-2	~17	TERRENO	91.38	5.3	3.81
2414	2414-2	~16	NF	94.24	18.3	18.71
2414	2414-2	~24	NF	-152.53	-1.42	14.62
2414	2414-2	~25	NF	-255.19	-111.59	1.37
2414	2414-2	~17	NF	130.55	7.58	5.45
2414	2414-2	~16	SC	6.596E-12	-1.011E-11	-2.077E-12
2414	2414-2	~24	SC	1.501E-13	1.864E-12	-2.870E-12
2414	2414-2	~25	SC	-2.380E-12	1.388E-12	-1.935E-12
2414	2414-2	~17	SC	1.744E-12	-3.878E-12	-1.711E-12
2414	2414-2	~16	AGUA INT	-94.24	-18.3	-18.71
2414	2414-2	~24	AGUA INT	152.53	1.42	-14.62
2414	2414-2	~25	AGUA INT	255.19	111.59	-1.37
2414	2414-2	~17	AGUA INT	-130.55	-7.58	-5.45
2414	2414-3	~17	DEAD	-2.24	-8.19	-14.65
2414	2414-3	~25	DEAD	29.12	-99.54	-8.28
2414	2414-3	~4	DEAD	5.48	49.11	2.89
2414	2414-3	2044	DEAD	8.75	22.08	-3.48
2414	2414-3	~17	TERRENO	90.94	3.08	-17.25
2414	2414-3	~25	TERRENO	-179.54	-82.63	-13.99
2414	2414-3	~4	TERRENO	-5.93	56.92	-13.94
2414	2414-3	2044	TERRENO	17.88	2.83	-17.2
2414	2414-3	~17	NF	129.92	4.41	-24.64

Table 23: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot	S22Bot	S12Bot
				KN/m2	KN/m2	KN/m2
2414	2414-3	~25	NF	-256.48	-118.04	-19.99
2414	2414-3	~4	NF	-8.47	81.32	-19.92
2414	2414-3	2044	NF	25.54	4.04	-24.57
2414	2414-3	~17	SC	1.881E-12	-3.196E-12	-1.349E-12
2414	2414-3	~25	SC	-1.384E-12	6.368E-12	-2.749E-12
2414	2414-3	~4	SC	1.321E-12	-2.859E-12	-2.878E-12
2414	2414-3	2044	SC	-6.832E-13	-6.611E-12	3.073E-12
2414	2414-3	~17	AGUA INT	-129.92	-4.41	24.64
2414	2414-3	~25	AGUA INT	256.48	118.04	19.99
2414	2414-3	~4	AGUA INT	8.47	-81.32	19.92
2414	2414-3	2044	AGUA INT	-25.54	-4.04	24.57
2414	2414-4	~23	DEAD	-4.25	-7.4	-0.36
2414	2414-4	2	DEAD	0.39	-13.25	-0.97
2414	2414-4	~22	DEAD	-2.14	-16.43	-0.18
2414	2414-4	~24	DEAD	2.698E-02	-14.61	0.43
2414	2414-4	~23	TERRENO	-15.8	0.36	-7.58
2414	2414-4	2	TERRENO	22.36	6.48	-7.5
2414	2414-4	~22	TERRENO	66.54	15.68	-9.72
2414	2414-4	~24	TERRENO	-109.5	-14.67	-9.8
2414	2414-4	~23	NF	-22.57	0.52	-10.83
2414	2414-4	2	NF	31.94	9.25	-10.71
2414	2414-4	~22	NF	95.06	22.4	-13.88
2414	2414-4	~24	NF	-156.43	-20.96	-14.
2414	2414-4	~23	SC	3.264E-12	6.882E-12	-1.096E-12
2414	2414-4	2	SC	-1.423E-11	-5.555E-12	6.184E-13
2414	2414-4	~22	SC	-7.422E-12	1.692E-13	-3.335E-12
2414	2414-4	~24	SC	-2.034E-12	-8.019E-13	-5.050E-12
2414	2414-4	~23	AGUA INT	22.57	-0.52	10.83
2414	2414-4	2	AGUA INT	-31.94	-9.25	10.71
2414	2414-4	~22	AGUA INT	-95.06	-22.4	13.88
2414	2414-4	~24	AGUA INT	156.43	20.96	14.
2414	2414-5	~24	DEAD	-4.79	-38.72	1.74
2414	2414-5	~22	DEAD	-6.54	-38.44	2.53
2414	2414-5	~21	DEAD	-7.63	-35.17	7.55
2414	2414-5	~25	DEAD	42.99	-30.17	6.76
2414	2414-5	~24	TERRENO	-106.77	-0.99	-10.24
2414	2414-5	~22	TERRENO	65.97	12.81	-13.09
2414	2414-5	~21	TERRENO	91.38	5.3	-3.81
2414	2414-5	~25	TERRENO	-178.64	-78.12	-0.96
2414	2414-5	~24	NF	-152.53	-1.42	-14.62
2414	2414-5	~22	NF	94.24	18.3	-18.71
2414	2414-5	~21	NF	130.55	7.58	-5.45
2414	2414-5	~25	NF	-255.19	-111.59	-1.37
2414	2414-5	~24	SC	-8.581E-13	5.079E-12	-4.039E-12
2414	2414-5	~22	SC	-6.102E-12	6.771E-12	-3.727E-12
2414	2414-5	~21	SC	6.040E-13	1.273E-11	-2.424E-12
2414	2414-5	~25	SC	-4.465E-12	-1.284E-12	-4.443E-12
2414	2414-5	~24	AGUA INT	152.53	1.42	14.62
2414	2414-5	~22	AGUA INT	-94.24	-18.3	18.71
2414	2414-5	~21	AGUA INT	-130.55	-7.58	5.45
2414	2414-5	~25	AGUA INT	255.19	111.59	1.37
2414	2414-6	~25	DEAD	29.12	-99.54	8.28
2414	2414-6	~21	DEAD	-2.24	-8.19	14.65
2414	2414-6	2043	DEAD	8.75	22.08	3.48
2414	2414-6	~4	DEAD	5.48	49.11	-2.89

Table 23: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
2414	2414-6	~25	TERRENO	-179.54	-82.63	13.99
2414	2414-6	~21	TERRENO	90.94	3.08	17.25
2414	2414-6	2043	TERRENO	17.88	2.83	17.2
2414	2414-6	~4	TERRENO	-5.93	56.92	13.94
2414	2414-6	~25	NF	-256.48	-118.04	19.99
2414	2414-6	~21	NF	129.92	4.41	24.64
2414	2414-6	2043	NF	25.54	4.04	24.57
2414	2414-6	~4	NF	-8.47	81.32	19.92
2414	2414-6	~25	SC	-1.722E-12	1.243E-11	-2.803E-12
2414	2414-6	~21	SC	-6.291E-13	6.567E-12	-4.501E-12
2414	2414-6	2043	SC	1.381E-14	6.047E-12	-2.432E-13
2414	2414-6	~4	SC	-1.763E-12	-4.458E-12	-3.096E-12
2414	2414-6	~25	AGUA INT	256.48	118.04	-19.99
2414	2414-6	~21	AGUA INT	-129.92	-4.41	-24.64
2414	2414-6	2043	AGUA INT	-25.54	-4.04	-24.57
2414	2414-6	~4	AGUA INT	8.47	-81.32	-19.92

Table 23: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
2012	2012-1	2042	DEAD	3.75	-3.75
2012	2012-1	~1	DEAD	29.85	-3.75
2012	2012-1	~2	DEAD	29.85	-29.85
2012	2012-1	~3	DEAD	3.75	-29.85
2012	2012-1	2042	TERRENO	-0.58	0.58
2012	2012-1	~1	TERRENO	0.58	0.58
2012	2012-1	~2	TERRENO	0.58	-0.58
2012	2012-1	~3	TERRENO	-0.58	-0.58
2012	2012-1	2042	NF	-0.83	0.83
2012	2012-1	~1	NF	0.83	0.83
2012	2012-1	~2	NF	0.83	-0.83
2012	2012-1	~3	NF	-0.83	-0.83
2012	2012-1	2042	SC	2.479E-13	-9.445E-15
2012	2012-1	~1	SC	-2.420E-12	7.060E-14
2012	2012-1	~2	SC	-2.420E-12	2.933E-12
2012	2012-1	~3	SC	2.479E-13	2.260E-12
2012	2012-1	2042	AGUA INT	0.83	-0.83
2012	2012-1	~1	AGUA INT	-0.83	-0.83
2012	2012-1	~2	AGUA INT	-0.83	0.83
2012	2012-1	~3	AGUA INT	0.83	0.83
2012	2012-2	~3	DEAD	-3.75	-29.85
2012	2012-2	~2	DEAD	-29.85	-29.85
2012	2012-2	~4	DEAD	-29.85	-3.75
2012	2012-2	2043	DEAD	-3.75	-3.75
2012	2012-2	~3	TERRENO	0.58	-0.58
2012	2012-2	~2	TERRENO	-0.58	-0.58
2012	2012-2	~4	TERRENO	-0.58	0.58
2012	2012-2	2043	TERRENO	0.58	0.58
2012	2012-2	~3	NF	0.83	-0.83
2012	2012-2	~2	NF	-0.83	-0.83
2012	2012-2	~4	NF	-0.83	0.83
2012	2012-2	2043	NF	0.83	0.83
2012	2012-2	~3	SC	1.780E-12	2.268E-12
2012	2012-2	~2	SC	1.927E-12	2.442E-12

Table 23: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
2012	2012-2	~4	SC	2.328E-12	6.945E-13
2012	2012-2	2043	SC	2.850E-13	4.697E-14
2012	2012-2	~3	AGUA INT	-0.83	0.83
2012	2012-2	~2	AGUA INT	0.83	0.83
2012	2012-2	~4	AGUA INT	0.83	-0.83
2012	2012-2	2043	AGUA INT	-0.83	-0.83
2012	2012-3	~1	DEAD	29.85	3.75
2012	2012-3	2045	DEAD	3.75	3.75
2012	2012-3	~5	DEAD	3.75	29.85
2012	2012-3	~2	DEAD	29.85	29.85
2012	2012-3	~1	TERRENO	0.58	-0.58
2012	2012-3	2045	TERRENO	-0.58	-0.58
2012	2012-3	~5	TERRENO	-0.58	0.58
2012	2012-3	~2	TERRENO	0.58	0.58
2012	2012-3	~1	NF	0.83	-0.83
2012	2012-3	2045	NF	-0.83	-0.83
2012	2012-3	~5	NF	-0.83	0.83
2012	2012-3	~2	NF	0.83	0.83
2012	2012-3	~1	SC	-1.539E-12	-8.338E-13
2012	2012-3	2045	SC	-6.395E-13	-7.538E-13
2012	2012-3	~5	SC	-2.388E-13	-1.655E-12
2012	2012-3	~2	SC	-3.034E-12	-2.327E-12
2012	2012-3	~1	AGUA INT	-0.83	0.83
2012	2012-3	2045	AGUA INT	0.83	0.83
2012	2012-3	~5	AGUA INT	0.83	-0.83
2012	2012-3	~2	AGUA INT	-0.83	-0.83
2012	2012-4	~2	DEAD	-29.85	29.85
2012	2012-4	~5	DEAD	-3.75	29.85
2012	2012-4	2044	DEAD	-3.75	3.75
2012	2012-4	~4	DEAD	-29.85	3.75
2012	2012-4	~2	TERRENO	-0.58	0.58
2012	2012-4	~5	TERRENO	0.58	0.58
2012	2012-4	2044	TERRENO	0.58	-0.58
2012	2012-4	~4	TERRENO	-0.58	-0.58
2012	2012-4	~2	NF	-0.83	0.83
2012	2012-4	~5	NF	0.83	0.83
2012	2012-4	2044	NF	0.83	-0.83
2012	2012-4	~4	NF	-0.83	-0.83
2012	2012-4	~2	SC	2.344E-12	-2.395E-12
2012	2012-4	~5	SC	7.707E-13	-2.222E-12
2012	2012-4	2044	SC	2.233E-13	3.413E-13
2012	2012-4	~4	SC	1.797E-12	-3.062E-13
2012	2012-4	~2	AGUA INT	0.83	-0.83
2012	2012-4	~5	AGUA INT	-0.83	-0.83
2012	2012-4	2044	AGUA INT	-0.83	0.83
2012	2012-4	~4	AGUA INT	0.83	0.83
2114	2114-1	1	DEAD	-0.35	-0.18
2114	2114-1	~6	DEAD	-0.35	-0.39
2114	2114-1	~7	DEAD	2.640E-02	-0.39
2114	2114-1	~8	DEAD	2.640E-02	-0.18
2114	2114-1	1	TERRENO	-2.07	0.73
2114	2114-1	~6	TERRENO	-2.07	-0.51
2114	2114-1	~7	TERRENO	-9.73	-0.51
2114	2114-1	~8	TERRENO	-9.73	0.73
2114	2114-1	1	NF	-2.95	1.04

Table 23: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg	S23Avg
				KN/m2	KN/m2
2114	2114-1	~6	NF	-2.95	-0.73
2114	2114-1	~7	NF	-13.89	-0.73
2114	2114-1	~8	NF	-13.89	1.04
2114	2114-1	1	SC	-6.131E-13	5.621E-14
2114	2114-1	~6	SC	-6.131E-13	-2.281E-13
2114	2114-1	~7	SC	-2.641E-13	-2.281E-13
2114	2114-1	~8	SC	-2.641E-13	5.621E-14
2114	2114-1	1	AGUA INT	2.95	-1.04
2114	2114-1	~6	AGUA INT	2.95	0.73
2114	2114-1	~7	AGUA INT	13.89	0.73
2114	2114-1	~8	AGUA INT	13.89	-1.04
2114	2114-2	~8	DEAD	-1.408E-02	-6.859E-02
2114	2114-2	~7	DEAD	-1.408E-02	0.2
2114	2114-2	~9	DEAD	2.7	0.2
2114	2114-2	~10	DEAD	2.7	-6.859E-02
2114	2114-2	~8	TERRENO	-10.19	-0.23
2114	2114-2	~7	TERRENO	-10.19	-3.78
2114	2114-2	~9	TERRENO	-15.59	-3.78
2114	2114-2	~10	TERRENO	-15.59	-0.23
2114	2114-2	~8	NF	-14.56	-0.32
2114	2114-2	~7	NF	-14.56	-5.4
2114	2114-2	~9	NF	-22.28	-5.4
2114	2114-2	~10	NF	-22.28	-0.32
2114	2114-2	~8	SC	-2.758E-13	8.356E-14
2114	2114-2	~7	SC	-2.758E-13	3.887E-14
2114	2114-2	~9	SC	-1.991E-13	3.887E-14
2114	2114-2	~10	SC	-1.991E-13	8.356E-14
2114	2114-2	~8	AGUA INT	14.56	0.32
2114	2114-2	~7	AGUA INT	14.56	5.4
2114	2114-2	~9	AGUA INT	22.28	5.4
2114	2114-2	~10	AGUA INT	22.28	0.32
2114	2114-3	~10	DEAD	3.56	1.8
2114	2114-3	~9	DEAD	3.56	7.84
2114	2114-3	~1	DEAD	1.64	7.84
2114	2114-3	2042	DEAD	1.64	1.8
2114	2114-3	~10	TERRENO	-15.2	-0.4
2114	2114-3	~9	TERRENO	-15.2	6.73
2114	2114-3	~1	TERRENO	-1.5	6.73
2114	2114-3	2042	TERRENO	-1.5	-0.4
2114	2114-3	~10	NF	-21.72	-0.57
2114	2114-3	~9	NF	-21.72	9.62
2114	2114-3	~1	NF	-2.14	9.62
2114	2114-3	2042	NF	-2.14	-0.57
2114	2114-3	~10	SC	-1.751E-13	6.562E-14
2114	2114-3	~9	SC	-1.751E-13	-7.412E-13
2114	2114-3	~1	SC	-8.932E-14	-7.412E-13
2114	2114-3	2042	SC	-8.932E-14	6.562E-14
2114	2114-3	~10	AGUA INT	21.72	0.57
2114	2114-3	~9	AGUA INT	21.72	-9.62
2114	2114-3	~1	AGUA INT	2.14	-9.62
2114	2114-3	2042	AGUA INT	2.14	0.57
2114	2114-4	~6	DEAD	0.35	-0.39
2114	2114-4	3	DEAD	0.35	-0.18
2114	2114-4	~11	DEAD	-2.640E-02	-0.18
2114	2114-4	~7	DEAD	-2.640E-02	-0.39

Table 23: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
2114	2114-4	~6	TERRENO	2.07	-0.51
2114	2114-4	3	TERRENO	2.07	0.73
2114	2114-4	~11	TERRENO	9.73	0.73
2114	2114-4	~7	TERRENO	9.73	-0.51
2114	2114-4	~6	NF	2.95	-0.73
2114	2114-4	3	NF	2.95	1.04
2114	2114-4	~11	NF	13.89	1.04
2114	2114-4	~7	NF	13.89	-0.73
2114	2114-4	~6	SC	-9.863E-13	-4.746E-14
2114	2114-4	3	SC	-9.863E-13	1.630E-13
2114	2114-4	~11	SC	-4.159E-13	1.630E-13
2114	2114-4	~7	SC	-4.159E-13	-4.746E-14
2114	2114-4	~6	AGUA INT	-2.95	0.73
2114	2114-4	3	AGUA INT	-2.95	-1.04
2114	2114-4	~11	AGUA INT	-13.89	-1.04
2114	2114-4	~7	AGUA INT	-13.89	0.73
2114	2114-5	~7	DEAD	1.408E-02	0.2
2114	2114-5	~11	DEAD	1.408E-02	-6.859E-02
2114	2114-5	~12	DEAD	-2.7	-6.859E-02
2114	2114-5	~9	DEAD	-2.7	0.2
2114	2114-5	~7	TERRENO	10.19	-3.78
2114	2114-5	~11	TERRENO	10.19	-0.23
2114	2114-5	~12	TERRENO	15.59	-0.23
2114	2114-5	~9	TERRENO	15.59	-3.78
2114	2114-5	~7	NF	14.56	-5.4
2114	2114-5	~11	NF	14.56	-0.32
2114	2114-5	~12	NF	22.28	-0.32
2114	2114-5	~9	NF	22.28	-5.4
2114	2114-5	~7	SC	-3.168E-13	1.313E-13
2114	2114-5	~11	SC	-3.168E-13	4.246E-14
2114	2114-5	~12	SC	-3.431E-14	4.246E-14
2114	2114-5	~9	SC	-3.431E-14	1.313E-13
2114	2114-5	~7	AGUA INT	-14.56	5.4
2114	2114-5	~11	AGUA INT	-14.56	0.32
2114	2114-5	~12	AGUA INT	-22.28	0.32
2114	2114-5	~9	AGUA INT	-22.28	5.4
2114	2114-6	~9	DEAD	-3.56	7.84
2114	2114-6	~12	DEAD	-3.56	1.8
2114	2114-6	2045	DEAD	-1.64	1.8
2114	2114-6	~1	DEAD	-1.64	7.84
2114	2114-6	~9	TERRENO	15.2	6.73
2114	2114-6	~12	TERRENO	15.2	-0.4
2114	2114-6	2045	TERRENO	1.5	-0.4
2114	2114-6	~1	TERRENO	1.5	6.73
2114	2114-6	~9	NF	21.72	9.62
2114	2114-6	~12	NF	21.72	-0.57
2114	2114-6	2045	NF	2.14	-0.57
2114	2114-6	~1	NF	2.14	9.62
2114	2114-6	~9	SC	-1.265E-13	-6.855E-13
2114	2114-6	~12	SC	-1.265E-13	-6.658E-14
2114	2114-6	2045	SC	1.364E-13	-6.658E-14
2114	2114-6	~1	SC	1.364E-13	-6.855E-13
2114	2114-6	~9	AGUA INT	-21.72	-9.62
2114	2114-6	~12	AGUA INT	-21.72	0.57
2114	2114-6	2045	AGUA INT	-2.14	0.57

Table 23: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg	S23Avg
				KN/m2	KN/m2
2114	2114-6	~1	AGUA INT	-2.14	-9.62
2214	2214-1	3	DEAD	-0.35	-0.18
2214	2214-1	~13	DEAD	-0.35	-0.39
2214	2214-1	~14	DEAD	2.640E-02	-0.39
2214	2214-1	~11	DEAD	2.640E-02	-0.18
2214	2214-1	3	TERRENO	-2.07	0.73
2214	2214-1	~13	TERRENO	-2.07	-0.51
2214	2214-1	~14	TERRENO	-9.73	-0.51
2214	2214-1	~11	TERRENO	-9.73	0.73
2214	2214-1	3	NF	-2.95	1.04
2214	2214-1	~13	NF	-2.95	-0.73
2214	2214-1	~14	NF	-13.89	-0.73
2214	2214-1	~11	NF	-13.89	1.04
2214	2214-1	3	SC	9.483E-13	1.134E-13
2214	2214-1	~13	SC	9.483E-13	8.726E-14
2214	2214-1	~14	SC	3.435E-13	8.726E-14
2214	2214-1	~11	SC	3.435E-13	1.134E-13
2214	2214-1	3	AGUA INT	2.95	-1.04
2214	2214-1	~13	AGUA INT	2.95	0.73
2214	2214-1	~14	AGUA INT	13.89	0.73
2214	2214-1	~11	AGUA INT	13.89	-1.04
2214	2214-2	~11	DEAD	-1.408E-02	-6.859E-02
2214	2214-2	~14	DEAD	-1.408E-02	0.2
2214	2214-2	~15	DEAD	2.7	0.2
2214	2214-2	~12	DEAD	2.7	-6.859E-02
2214	2214-2	~11	TERRENO	-10.19	-0.23
2214	2214-2	~14	TERRENO	-10.19	-3.78
2214	2214-2	~15	TERRENO	-15.59	-3.78
2214	2214-2	~12	TERRENO	-15.59	-0.23
2214	2214-2	~11	NF	-14.56	-0.32
2214	2214-2	~14	NF	-14.56	-5.4
2214	2214-2	~15	NF	-22.28	-5.4
2214	2214-2	~12	NF	-22.28	-0.32
2214	2214-2	~11	SC	4.051E-13	5.807E-13
2214	2214-2	~14	SC	4.051E-13	-2.040E-13
2214	2214-2	~15	SC	-1.582E-13	-2.040E-13
2214	2214-2	~12	SC	-1.582E-13	5.807E-13
2214	2214-2	~11	AGUA INT	14.56	0.32
2214	2214-2	~14	AGUA INT	14.56	5.4
2214	2214-2	~15	AGUA INT	22.28	5.4
2214	2214-2	~12	AGUA INT	22.28	0.32
2214	2214-3	~12	DEAD	3.56	1.8
2214	2214-3	~15	DEAD	3.56	7.84
2214	2214-3	~5	DEAD	1.64	7.84
2214	2214-3	2045	DEAD	1.64	1.8
2214	2214-3	~12	TERRENO	-15.2	-0.4
2214	2214-3	~15	TERRENO	-15.2	6.73
2214	2214-3	~5	TERRENO	-1.5	6.73
2214	2214-3	2045	TERRENO	-1.5	-0.4
2214	2214-3	~12	NF	-21.72	-0.57
2214	2214-3	~15	NF	-21.72	9.62
2214	2214-3	~5	NF	-2.14	9.62
2214	2214-3	2045	NF	-2.14	-0.57
2214	2214-3	~12	SC	3.713E-14	1.596E-13
2214	2214-3	~15	SC	3.713E-14	-3.073E-13

Table 23: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
2214	2214-3	~5	SC	-3.773E-14	-3.073E-13
2214	2214-3	2045	SC	-3.773E-14	1.596E-13
2214	2214-3	~12	AGUA INT	21.72	0.57
2214	2214-3	~15	AGUA INT	21.72	-9.62
2214	2214-3	~5	AGUA INT	2.14	-9.62
2214	2214-3	2045	AGUA INT	2.14	0.57
2214	2214-4	~13	DEAD	0.35	-0.39
2214	2214-4	4	DEAD	0.35	-0.18
2214	2214-4	~16	DEAD	-2.640E-02	-0.18
2214	2214-4	~14	DEAD	-2.640E-02	-0.39
2214	2214-4	~13	TERRENO	2.07	-0.51
2214	2214-4	4	TERRENO	2.07	0.73
2214	2214-4	~16	TERRENO	9.73	0.73
2214	2214-4	~14	TERRENO	9.73	-0.51
2214	2214-4	~13	NF	2.95	-0.73
2214	2214-4	4	NF	2.95	1.04
2214	2214-4	~16	NF	13.89	1.04
2214	2214-4	~14	NF	13.89	-0.73
2214	2214-4	~13	SC	8.207E-13	-5.509E-14
2214	2214-4	4	SC	8.207E-13	-1.337E-13
2214	2214-4	~16	SC	4.990E-13	-1.337E-13
2214	2214-4	~14	SC	4.990E-13	-5.509E-14
2214	2214-4	~13	AGUA INT	-2.95	0.73
2214	2214-4	4	AGUA INT	-2.95	-1.04
2214	2214-4	~16	AGUA INT	-13.89	-1.04
2214	2214-4	~14	AGUA INT	-13.89	0.73
2214	2214-5	~14	DEAD	1.408E-02	0.2
2214	2214-5	~16	DEAD	1.408E-02	-6.859E-02
2214	2214-5	~17	DEAD	-2.7	-6.859E-02
2214	2214-5	~15	DEAD	-2.7	0.2
2214	2214-5	~14	TERRENO	10.19	-3.78
2214	2214-5	~16	TERRENO	10.19	-0.23
2214	2214-5	~17	TERRENO	15.59	-0.23
2214	2214-5	~15	TERRENO	15.59	-3.78
2214	2214-5	~14	NF	14.56	-5.4
2214	2214-5	~16	NF	14.56	-0.32
2214	2214-5	~17	NF	22.28	-0.32
2214	2214-5	~15	NF	22.28	-5.4
2214	2214-5	~14	SC	3.416E-13	-3.105E-13
2214	2214-5	~16	SC	3.416E-13	1.314E-13
2214	2214-5	~17	SC	2.979E-13	1.314E-13
2214	2214-5	~15	SC	2.979E-13	-3.105E-13
2214	2214-5	~14	AGUA INT	-14.56	5.4
2214	2214-5	~16	AGUA INT	-14.56	0.32
2214	2214-5	~17	AGUA INT	-22.28	0.32
2214	2214-5	~15	AGUA INT	-22.28	5.4
2214	2214-6	~15	DEAD	-3.56	7.84
2214	2214-6	~17	DEAD	-3.56	1.8
2214	2214-6	2044	DEAD	-1.64	1.8
2214	2214-6	~5	DEAD	-1.64	7.84
2214	2214-6	~15	TERRENO	15.2	6.73
2214	2214-6	~17	TERRENO	15.2	-0.4
2214	2214-6	2044	TERRENO	1.5	-0.4
2214	2214-6	~5	TERRENO	1.5	6.73
2214	2214-6	~15	NF	21.72	9.62

Table 23: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg	S23Avg
				KN/m2	KN/m2
2214	2214-6	~17	NF	21.72	-0.57
2214	2214-6	2044	NF	2.14	-0.57
2214	2214-6	~5	NF	2.14	9.62
2214	2214-6	~15	SC	2.827E-13	-3.541E-13
2214	2214-6	~17	SC	2.827E-13	-1.580E-13
2214	2214-6	2044	SC	1.372E-14	-1.580E-13
2214	2214-6	~5	SC	1.372E-14	-3.541E-13
2214	2214-6	~15	AGUA INT	-21.72	-9.62
2214	2214-6	~17	AGUA INT	-21.72	0.57
2214	2214-6	2044	AGUA INT	-2.14	0.57
2214	2214-6	~5	AGUA INT	-2.14	-9.62
2314	2314-1	2042	DEAD	-1.64	1.8
2314	2314-1	~3	DEAD	-1.64	7.84
2314	2314-1	~18	DEAD	-3.56	7.84
2314	2314-1	~10	DEAD	-3.56	1.8
2314	2314-1	2042	TERRENO	1.5	-0.4
2314	2314-1	~3	TERRENO	1.5	6.73
2314	2314-1	~18	TERRENO	15.2	6.73
2314	2314-1	~10	TERRENO	15.2	-0.4
2314	2314-1	2042	NF	2.14	-0.57
2314	2314-1	~3	NF	2.14	9.62
2314	2314-1	~18	NF	21.72	9.62
2314	2314-1	~10	NF	21.72	-0.57
2314	2314-1	2042	SC	4.391E-14	-2.473E-13
2314	2314-1	~3	SC	4.391E-14	-3.929E-13
2314	2314-1	~18	SC	3.164E-13	-3.929E-13
2314	2314-1	~10	SC	3.164E-13	-2.473E-13
2314	2314-1	2042	AGUA INT	-2.14	0.57
2314	2314-1	~3	AGUA INT	-2.14	-9.62
2314	2314-1	~18	AGUA INT	-21.72	-9.62
2314	2314-1	~10	AGUA INT	-21.72	0.57
2314	2314-2	~10	DEAD	-2.7	-6.859E-02
2314	2314-2	~18	DEAD	-2.7	0.2
2314	2314-2	~19	DEAD	1.408E-02	0.2
2314	2314-2	~8	DEAD	1.408E-02	-6.859E-02
2314	2314-2	~10	TERRENO	15.59	-0.23
2314	2314-2	~18	TERRENO	15.59	-3.78
2314	2314-2	~19	TERRENO	10.19	-3.78
2314	2314-2	~8	TERRENO	10.19	-0.23
2314	2314-2	~10	NF	22.28	-0.32
2314	2314-2	~18	NF	22.28	-5.4
2314	2314-2	~19	NF	14.56	-5.4
2314	2314-2	~8	NF	14.56	-0.32
2314	2314-2	~10	SC	1.096E-13	2.985E-14
2314	2314-2	~18	SC	1.096E-13	-1.042E-13
2314	2314-2	~19	SC	2.234E-13	-1.042E-13
2314	2314-2	~8	SC	2.234E-13	2.985E-14
2314	2314-2	~10	AGUA INT	-22.28	0.32
2314	2314-2	~18	AGUA INT	-22.28	5.4
2314	2314-2	~19	AGUA INT	-14.56	5.4
2314	2314-2	~8	AGUA INT	-14.56	0.32
2314	2314-3	~8	DEAD	-2.640E-02	-0.18
2314	2314-3	~19	DEAD	-2.640E-02	-0.39
2314	2314-3	~20	DEAD	0.35	-0.39
2314	2314-3	1	DEAD	0.35	-0.18

Table 23: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
2314	2314-3	~8	TERRENO	9.73	0.73
2314	2314-3	~19	TERRENO	9.73	-0.51
2314	2314-3	~20	TERRENO	2.07	-0.51
2314	2314-3	1	TERRENO	2.07	0.73
2314	2314-3	~8	NF	13.89	1.04
2314	2314-3	~19	NF	13.89	-0.73
2314	2314-3	~20	NF	2.95	-0.73
2314	2314-3	1	NF	2.95	1.04
2314	2314-3	~8	SC	4.147E-13	-9.203E-15
2314	2314-3	~19	SC	4.147E-13	-1.269E-13
2314	2314-3	~20	SC	9.265E-13	-1.269E-13
2314	2314-3	1	SC	9.265E-13	-9.203E-15
2314	2314-3	~8	AGUA INT	-13.89	-1.04
2314	2314-3	~19	AGUA INT	-13.89	0.73
2314	2314-3	~20	AGUA INT	-2.95	0.73
2314	2314-3	1	AGUA INT	-2.95	-1.04
2314	2314-4	~3	DEAD	1.64	7.84
2314	2314-4	2043	DEAD	1.64	1.8
2314	2314-4	~21	DEAD	3.56	1.8
2314	2314-4	~18	DEAD	3.56	7.84
2314	2314-4	~3	TERRENO	-1.5	6.73
2314	2314-4	2043	TERRENO	-1.5	-0.4
2314	2314-4	~21	TERRENO	-15.2	-0.4
2314	2314-4	~18	TERRENO	-15.2	6.73
2314	2314-4	~3	NF	-2.14	9.62
2314	2314-4	2043	NF	-2.14	-0.57
2314	2314-4	~21	NF	-21.72	-0.57
2314	2314-4	~18	NF	-21.72	9.62
2314	2314-4	~3	SC	-1.253E-13	-3.936E-13
2314	2314-4	2043	SC	-1.253E-13	-6.119E-14
2314	2314-4	~21	SC	-1.051E-13	-6.119E-14
2314	2314-4	~18	SC	-1.051E-13	-3.936E-13
2314	2314-4	~3	AGUA INT	2.14	-9.62
2314	2314-4	2043	AGUA INT	2.14	0.57
2314	2314-4	~21	AGUA INT	21.72	0.57
2314	2314-4	~18	AGUA INT	21.72	-9.62
2314	2314-5	~18	DEAD	2.7	0.2
2314	2314-5	~21	DEAD	2.7	-6.859E-02
2314	2314-5	~22	DEAD	-1.408E-02	-6.859E-02
2314	2314-5	~19	DEAD	-1.408E-02	0.2
2314	2314-5	~18	TERRENO	-15.59	-3.78
2314	2314-5	~21	TERRENO	-15.59	-0.23
2314	2314-5	~22	TERRENO	-10.19	-0.23
2314	2314-5	~19	TERRENO	-10.19	-3.78
2314	2314-5	~18	NF	-22.28	-5.4
2314	2314-5	~21	NF	-22.28	-0.32
2314	2314-5	~22	NF	-14.56	-0.32
2314	2314-5	~19	NF	-14.56	-5.4
2314	2314-5	~18	SC	-6.115E-14	2.502E-14
2314	2314-5	~21	SC	-6.115E-14	-8.889E-14
2314	2314-5	~22	SC	2.615E-13	-8.889E-14
2314	2314-5	~19	SC	2.615E-13	2.502E-14
2314	2314-5	~18	AGUA INT	22.28	5.4
2314	2314-5	~21	AGUA INT	22.28	0.32
2314	2314-5	~22	AGUA INT	14.56	0.32

Table 23: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg	S23Avg
				KN/m2	KN/m2
2314	2314-5	~19	AGUA INT	14.56	5.4
2314	2314-6	~19	DEAD	2.640E-02	-0.39
2314	2314-6	~22	DEAD	2.640E-02	-0.18
2314	2314-6	2	DEAD	-0.35	-0.18
2314	2314-6	~20	DEAD	-0.35	-0.39
2314	2314-6	~19	TERRENO	-9.73	-0.51
2314	2314-6	~22	TERRENO	-9.73	0.73
2314	2314-6	2	TERRENO	-2.07	0.73
2314	2314-6	~20	TERRENO	-2.07	-0.51
2314	2314-6	~19	NF	-13.89	-0.73
2314	2314-6	~22	NF	-13.89	1.04
2314	2314-6	2	NF	-2.95	1.04
2314	2314-6	~20	NF	-2.95	-0.73
2314	2314-6	~19	SC	3.290E-13	-2.172E-14
2314	2314-6	~22	SC	3.290E-13	2.813E-13
2314	2314-6	2	SC	9.721E-13	2.813E-13
2314	2314-6	~20	SC	9.721E-13	-2.172E-14
2314	2314-6	~19	AGUA INT	13.89	0.73
2314	2314-6	~22	AGUA INT	13.89	-1.04
2314	2314-6	2	AGUA INT	2.95	-1.04
2314	2314-6	~20	AGUA INT	2.95	0.73
2414	2414-1	4	DEAD	-0.35	-0.18
2414	2414-1	~23	DEAD	-0.35	-0.39
2414	2414-1	~24	DEAD	2.640E-02	-0.39
2414	2414-1	~16	DEAD	2.640E-02	-0.18
2414	2414-1	4	TERRENO	-2.07	0.73
2414	2414-1	~23	TERRENO	-2.07	-0.51
2414	2414-1	~24	TERRENO	-9.73	-0.51
2414	2414-1	~16	TERRENO	-9.73	0.73
2414	2414-1	4	NF	-2.95	1.04
2414	2414-1	~23	NF	-2.95	-0.73
2414	2414-1	~24	NF	-13.89	-0.73
2414	2414-1	~16	NF	-13.89	1.04
2414	2414-1	4	SC	-8.007E-13	1.540E-13
2414	2414-1	~23	SC	-8.007E-13	-2.445E-13
2414	2414-1	~24	SC	-7.083E-13	-2.445E-13
2414	2414-1	~16	SC	-7.083E-13	1.540E-13
2414	2414-1	4	AGUA INT	2.95	-1.04
2414	2414-1	~23	AGUA INT	2.95	0.73
2414	2414-1	~24	AGUA INT	13.89	0.73
2414	2414-1	~16	AGUA INT	13.89	-1.04
2414	2414-2	~16	DEAD	-1.408E-02	-6.859E-02
2414	2414-2	~24	DEAD	-1.408E-02	0.2
2414	2414-2	~25	DEAD	2.7	0.2
2414	2414-2	~17	DEAD	2.7	-6.859E-02
2414	2414-2	~16	TERRENO	-10.19	-0.23
2414	2414-2	~24	TERRENO	-10.19	-3.78
2414	2414-2	~25	TERRENO	-15.59	-3.78
2414	2414-2	~17	TERRENO	-15.59	-0.23
2414	2414-2	~16	NF	-14.56	-0.32
2414	2414-2	~24	NF	-14.56	-5.4
2414	2414-2	~25	NF	-22.28	-5.4
2414	2414-2	~17	NF	-22.28	-0.32
2414	2414-2	~16	SC	-3.041E-13	3.026E-13
2414	2414-2	~24	SC	-3.041E-13	-1.122E-13

Table 23: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
2414	2414-2	~25	SC	-1.909E-13	-1.122E-13
2414	2414-2	~17	SC	-1.909E-13	3.026E-13
2414	2414-2	~16	AGUA INT	14.56	0.32
2414	2414-2	~24	AGUA INT	14.56	5.4
2414	2414-2	~25	AGUA INT	22.28	5.4
2414	2414-2	~17	AGUA INT	22.28	0.32
2414	2414-3	~17	DEAD	3.56	1.8
2414	2414-3	~25	DEAD	3.56	7.84
2414	2414-3	~4	DEAD	1.64	7.84
2414	2414-3	2044	DEAD	1.64	1.8
2414	2414-3	~17	TERRENO	-15.2	-0.4
2414	2414-3	~25	TERRENO	-15.2	6.73
2414	2414-3	~4	TERRENO	-1.5	6.73
2414	2414-3	2044	TERRENO	-1.5	-0.4
2414	2414-3	~17	NF	-21.72	-0.57
2414	2414-3	~25	NF	-21.72	9.62
2414	2414-3	~4	NF	-2.14	9.62
2414	2414-3	2044	NF	-2.14	-0.57
2414	2414-3	~17	SC	-3.585E-13	-1.898E-13
2414	2414-3	~25	SC	-3.585E-13	-5.589E-13
2414	2414-3	~4	SC	-8.164E-14	-5.589E-13
2414	2414-3	2044	SC	-8.164E-14	-1.898E-13
2414	2414-3	~17	AGUA INT	21.72	0.57
2414	2414-3	~25	AGUA INT	21.72	-9.62
2414	2414-3	~4	AGUA INT	2.14	-9.62
2414	2414-3	2044	AGUA INT	2.14	0.57
2414	2414-4	~23	DEAD	0.35	-0.39
2414	2414-4	2	DEAD	0.35	-0.18
2414	2414-4	~22	DEAD	-2.640E-02	-0.18
2414	2414-4	~24	DEAD	-2.640E-02	-0.39
2414	2414-4	~23	TERRENO	2.07	-0.51
2414	2414-4	2	TERRENO	2.07	0.73
2414	2414-4	~22	TERRENO	9.73	0.73
2414	2414-4	~24	TERRENO	9.73	-0.51
2414	2414-4	~23	NF	2.95	-0.73
2414	2414-4	2	NF	2.95	1.04
2414	2414-4	~22	NF	13.89	1.04
2414	2414-4	~24	NF	13.89	-0.73
2414	2414-4	~23	SC	-8.988E-13	-1.005E-13
2414	2414-4	2	SC	-8.988E-13	4.385E-13
2414	2414-4	~22	SC	-2.580E-13	4.385E-13
2414	2414-4	~24	SC	-2.580E-13	-1.005E-13
2414	2414-4	~23	AGUA INT	-2.95	0.73
2414	2414-4	2	AGUA INT	-2.95	-1.04
2414	2414-4	~22	AGUA INT	-13.89	-1.04
2414	2414-4	~24	AGUA INT	-13.89	0.73
2414	2414-5	~24	DEAD	1.408E-02	0.2
2414	2414-5	~22	DEAD	1.408E-02	-6.859E-02
2414	2414-5	~21	DEAD	-2.7	-6.859E-02
2414	2414-5	~25	DEAD	-2.7	0.2
2414	2414-5	~24	TERRENO	10.19	-3.78
2414	2414-5	~22	TERRENO	10.19	-0.23
2414	2414-5	~21	TERRENO	15.59	-0.23
2414	2414-5	~25	TERRENO	15.59	-3.78
2414	2414-5	~24	NF	14.56	-5.4

Table 23: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg	S23Avg
				KN/m2	KN/m2
2414	2414-5	~22	NF	14.56	-0.32
2414	2414-5	~21	NF	22.28	-0.32
2414	2414-5	~25	NF	22.28	-5.4
2414	2414-5	~24	SC	-3.570E-13	-1.432E-14
2414	2414-5	~22	SC	-3.570E-13	2.518E-13
2414	2414-5	~21	SC	1.369E-13	2.518E-13
2414	2414-5	~25	SC	1.369E-13	-1.432E-14
2414	2414-5	~24	AGUA INT	-14.56	5.4
2414	2414-5	~22	AGUA INT	-14.56	0.32
2414	2414-5	~21	AGUA INT	-22.28	0.32
2414	2414-5	~25	AGUA INT	-22.28	5.4
2414	2414-6	~25	DEAD	-3.56	7.84
2414	2414-6	~21	DEAD	-3.56	1.8
2414	2414-6	2043	DEAD	-1.64	1.8
2414	2414-6	~4	DEAD	-1.64	7.84
2414	2414-6	~25	TERRENO	15.2	6.73
2414	2414-6	~21	TERRENO	15.2	-0.4
2414	2414-6	2043	TERRENO	1.5	-0.4
2414	2414-6	~4	TERRENO	1.5	6.73
2414	2414-6	~25	NF	21.72	9.62
2414	2414-6	~21	NF	21.72	-0.57
2414	2414-6	2043	NF	2.14	-0.57
2414	2414-6	~4	NF	2.14	9.62
2414	2414-6	~25	SC	2.415E-13	-5.366E-13
2414	2414-6	~21	SC	2.415E-13	-4.270E-13
2414	2414-6	2043	SC	1.215E-13	-4.270E-13
2414	2414-6	~4	SC	1.215E-13	-5.366E-13
2414	2414-6	~25	AGUA INT	-21.72	-9.62
2414	2414-6	~21	AGUA INT	-21.72	0.57
2414	2414-6	2043	AGUA INT	-2.14	0.57
2414	2414-6	~4	AGUA INT	-2.14	-9.62

Table: Element Forces - Area Shells, Part 1 of 5

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11	F22
							KN/m	KN/m
2012	2012-1	Shell-Thin	2042	ENVELOPE	Combination	Max	5.710E-12	2.623E-14
2012	2012-1	Shell-Thin	~1	ENVELOPE	Combination	Max	9.76	1.95
2012	2012-1	Shell-Thin	~2	ENVELOPE	Combination	Max	11.72	11.72
2012	2012-1	Shell-Thin	~3	ENVELOPE	Combination	Max	1.95	9.76
2012	2012-1	Shell-Thin	2042	ENVELOPE	Combination	Min	2.008E-12	-5.067E-13
2012	2012-1	Shell-Thin	~1	ENVELOPE	Combination	Min	-21.54	-4.31
2012	2012-1	Shell-Thin	~2	ENVELOPE	Combination	Min	-25.85	-25.85
2012	2012-1	Shell-Thin	~3	ENVELOPE	Combination	Min	-4.31	-21.54
2012	2012-2	Shell-Thin	~3	ENVELOPE	Combination	Max	1.95	9.76
2012	2012-2	Shell-Thin	~2	ENVELOPE	Combination	Max	11.72	11.72
2012	2012-2	Shell-Thin	~4	ENVELOPE	Combination	Max	9.76	1.95
2012	2012-2	Shell-Thin	2043	ENVELOPE	Combination	Max	-2.190E-12	-9.300E-13
2012	2012-2	Shell-Thin	~3	ENVELOPE	Combination	Min	-4.31	-21.54
2012	2012-2	Shell-Thin	~2	ENVELOPE	Combination	Min	-25.85	-25.85
2012	2012-2	Shell-Thin	~4	ENVELOPE	Combination	Min	-21.54	-4.31
2012	2012-2	Shell-Thin	2043	ENVELOPE	Combination	Min	-6.506E-12	-3.476E-12
2012	2012-3	Shell-Thin	~1	ENVELOPE	Combination	Max	9.76	1.95
2012	2012-3	Shell-Thin	2045	ENVELOPE	Combination	Max	-2.275E-13	1.285E-12
2012	2012-3	Shell-Thin	~5	ENVELOPE	Combination	Max	1.95	9.76

Table: Element Forces - Area Shells, Part 1 of 5

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11 KN/m	F22 KN/m
2012	2012-3	Shell-Thin	~1	ENVELOPE	Combination	Min	-21.54	-4.31
2012	2012-3	Shell-Thin	2045	ENVELOPE	Combination	Min	-1.826E-12	3.281E-13
2012	2012-3	Shell-Thin	~5	ENVELOPE	Combination	Min	-4.31	-21.54
2012	2012-3	Shell-Thin	~2	ENVELOPE	Combination	Min	-25.85	-25.85
2012	2012-4	Shell-Thin	~2	ENVELOPE	Combination	Max	11.72	11.72
2012	2012-4	Shell-Thin	~5	ENVELOPE	Combination	Max	1.95	9.76
2012	2012-4	Shell-Thin	2044	ENVELOPE	Combination	Max	2.624E-12	2.703E-12
2012	2012-4	Shell-Thin	~4	ENVELOPE	Combination	Max	9.76	1.95
2012	2012-4	Shell-Thin	~2	ENVELOPE	Combination	Min	-25.85	-25.85
2012	2012-4	Shell-Thin	~5	ENVELOPE	Combination	Min	-4.31	-21.54
2012	2012-4	Shell-Thin	2044	ENVELOPE	Combination	Min	4.062E-13	5.691E-13
2012	2012-4	Shell-Thin	~4	ENVELOPE	Combination	Min	-21.54	-4.31
2114	2114-1	Shell-Thin	1	ENVELOPE	Combination	Max	1.92	-2.44
2114	2114-1	Shell-Thin	~6	ENVELOPE	Combination	Max	2.41	1.429E-03
2114	2114-1	Shell-Thin	~7	ENVELOPE	Combination	Max	12.01	-1.23
2114	2114-1	Shell-Thin	~8	ENVELOPE	Combination	Max	11.69	-2.83
2114	2114-1	Shell-Thin	1	ENVELOPE	Combination	Min	-2.47	-5.66
2114	2114-1	Shell-Thin	~6	ENVELOPE	Combination	Min	-2.16	-4.06
2114	2114-1	Shell-Thin	~7	ENVELOPE	Combination	Min	-19.85	-4.45
2114	2114-1	Shell-Thin	~8	ENVELOPE	Combination	Min	-20.34	-6.89
2114	2114-2	Shell-Thin	~8	ENVELOPE	Combination	Max	10.61	-8.2
2114	2114-2	Shell-Thin	~7	ENVELOPE	Combination	Max	9.12	-2.75
2114	2114-2	Shell-Thin	~9	ENVELOPE	Combination	Max	25.15	-4.
2114	2114-2	Shell-Thin	~10	ENVELOPE	Combination	Max	26.64	-5.
2114	2114-2	Shell-Thin	~8	ENVELOPE	Combination	Min	-22.3	-16.67
2114	2114-2	Shell-Thin	~7	ENVELOPE	Combination	Min	-19.51	-15.67
2114	2114-2	Shell-Thin	~9	ENVELOPE	Combination	Min	-25.73	-12.46
2114	2114-2	Shell-Thin	~10	ENVELOPE	Combination	Min	-28.51	-17.91
2114	2114-3	Shell-Thin	~10	ENVELOPE	Combination	Max	28.22	2.9
2114	2114-3	Shell-Thin	~9	ENVELOPE	Combination	Max	21.33	-26.43
2114	2114-3	Shell-Thin	~1	ENVELOPE	Combination	Max	-4.25	-21.23
2114	2114-3	Shell-Thin	2042	ENVELOPE	Combination	Max	-0.57	-2.86
2114	2114-3	Shell-Thin	~10	ENVELOPE	Combination	Min	-27.57	-13.21
2114	2114-3	Shell-Thin	~9	ENVELOPE	Combination	Min	-30.21	-31.58
2114	2114-3	Shell-Thin	~1	ENVELOPE	Combination	Min	-7.47	-37.34
2114	2114-3	Shell-Thin	2042	ENVELOPE	Combination	Min	-1.6	-8.02
2114	2114-4	Shell-Thin	~6	ENVELOPE	Combination	Max	2.41	1.429E-03
2114	2114-4	Shell-Thin	3	ENVELOPE	Combination	Max	1.92	-2.44
2114	2114-4	Shell-Thin	~11	ENVELOPE	Combination	Max	11.69	-2.83
2114	2114-4	Shell-Thin	~7	ENVELOPE	Combination	Max	12.01	-1.23
2114	2114-4	Shell-Thin	~6	ENVELOPE	Combination	Min	-2.16	-4.06
2114	2114-4	Shell-Thin	3	ENVELOPE	Combination	Min	-2.47	-5.66
2114	2114-4	Shell-Thin	~11	ENVELOPE	Combination	Min	-20.34	-6.89
2114	2114-4	Shell-Thin	~7	ENVELOPE	Combination	Min	-19.85	-4.45
2114	2114-5	Shell-Thin	~7	ENVELOPE	Combination	Max	9.12	-2.75
2114	2114-5	Shell-Thin	~11	ENVELOPE	Combination	Max	10.61	-8.2
2114	2114-5	Shell-Thin	~12	ENVELOPE	Combination	Max	26.64	-5.
2114	2114-5	Shell-Thin	~9	ENVELOPE	Combination	Max	25.15	-4.
2114	2114-5	Shell-Thin	~7	ENVELOPE	Combination	Min	-19.51	-15.67
2114	2114-5	Shell-Thin	~11	ENVELOPE	Combination	Min	-22.3	-16.67
2114	2114-5	Shell-Thin	~12	ENVELOPE	Combination	Min	-28.51	-17.91
2114	2114-5	Shell-Thin	~9	ENVELOPE	Combination	Min	-25.73	-12.46
2114	2114-6	Shell-Thin	~9	ENVELOPE	Combination	Max	21.33	-26.43
2114	2114-6	Shell-Thin	~12	ENVELOPE	Combination	Max	28.22	2.9
2114	2114-6	Shell-Thin	2045	ENVELOPE	Combination	Max	-0.57	-2.86

Table: Element Forces - Area Shells, Part 1 of 5

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11	F22
							KN/m	KN/m
2114	2114-6	Shell-Thin	~1	ENVELOPE	Combination	Max	-4.25	-21.23
2114	2114-6	Shell-Thin	~9	ENVELOPE	Combination	Min	-30.21	-31.58
2114	2114-6	Shell-Thin	~12	ENVELOPE	Combination	Min	-27.57	-13.21
2114	2114-6	Shell-Thin	2045	ENVELOPE	Combination	Min	-1.6	-8.02
2114	2114-6	Shell-Thin	~1	ENVELOPE	Combination	Min	-7.47	-37.34
2214	2214-1	Shell-Thin	3	ENVELOPE	Combination	Max	1.92	-2.44
2214	2214-1	Shell-Thin	~13	ENVELOPE	Combination	Max	2.41	1.429E-03
2214	2214-1	Shell-Thin	~14	ENVELOPE	Combination	Max	12.01	-1.23
2214	2214-1	Shell-Thin	~11	ENVELOPE	Combination	Max	11.69	-2.83
2214	2214-1	Shell-Thin	3	ENVELOPE	Combination	Min	-2.47	-5.66
2214	2214-1	Shell-Thin	~13	ENVELOPE	Combination	Min	-2.16	-4.06
2214	2214-1	Shell-Thin	~14	ENVELOPE	Combination	Min	-19.85	-4.45
2214	2214-1	Shell-Thin	~11	ENVELOPE	Combination	Min	-20.34	-6.89
2214	2214-2	Shell-Thin	~11	ENVELOPE	Combination	Max	10.61	-8.2
2214	2214-2	Shell-Thin	~14	ENVELOPE	Combination	Max	9.12	-2.75
2214	2214-2	Shell-Thin	~15	ENVELOPE	Combination	Max	25.15	-4.
2214	2214-2	Shell-Thin	~12	ENVELOPE	Combination	Max	26.64	-5.
2214	2214-2	Shell-Thin	~11	ENVELOPE	Combination	Min	-22.3	-16.67
2214	2214-2	Shell-Thin	~14	ENVELOPE	Combination	Min	-19.51	-15.67
2214	2214-2	Shell-Thin	~15	ENVELOPE	Combination	Min	-25.73	-12.46
2214	2214-2	Shell-Thin	~12	ENVELOPE	Combination	Min	-28.51	-17.91
2214	2214-3	Shell-Thin	~12	ENVELOPE	Combination	Max	28.22	2.9
2214	2214-3	Shell-Thin	~15	ENVELOPE	Combination	Max	21.33	-26.43
2214	2214-3	Shell-Thin	~5	ENVELOPE	Combination	Max	-4.25	-21.23
2214	2214-3	Shell-Thin	2045	ENVELOPE	Combination	Max	-0.57	-2.86
2214	2214-3	Shell-Thin	~12	ENVELOPE	Combination	Min	-27.57	-13.21
2214	2214-3	Shell-Thin	~15	ENVELOPE	Combination	Min	-30.21	-31.58
2214	2214-3	Shell-Thin	~5	ENVELOPE	Combination	Min	-7.47	-37.34
2214	2214-3	Shell-Thin	2045	ENVELOPE	Combination	Min	-1.6	-8.02
2214	2214-4	Shell-Thin	~13	ENVELOPE	Combination	Max	2.41	1.429E-03
2214	2214-4	Shell-Thin	4	ENVELOPE	Combination	Max	1.92	-2.44
2214	2214-4	Shell-Thin	~16	ENVELOPE	Combination	Max	11.69	-2.83
2214	2214-4	Shell-Thin	~14	ENVELOPE	Combination	Max	12.01	-1.23
2214	2214-4	Shell-Thin	~13	ENVELOPE	Combination	Min	-2.16	-4.06
2214	2214-4	Shell-Thin	4	ENVELOPE	Combination	Min	-2.47	-5.66
2214	2214-4	Shell-Thin	~16	ENVELOPE	Combination	Min	-20.34	-6.89
2214	2214-4	Shell-Thin	~14	ENVELOPE	Combination	Min	-19.85	-4.45
2214	2214-5	Shell-Thin	~14	ENVELOPE	Combination	Max	9.12	-2.75
2214	2214-5	Shell-Thin	~16	ENVELOPE	Combination	Max	10.61	-8.2
2214	2214-5	Shell-Thin	~17	ENVELOPE	Combination	Max	26.64	-5.
2214	2214-5	Shell-Thin	~15	ENVELOPE	Combination	Max	25.15	-4.
2214	2214-5	Shell-Thin	~14	ENVELOPE	Combination	Min	-19.51	-15.67
2214	2214-5	Shell-Thin	~16	ENVELOPE	Combination	Min	-22.3	-16.67
2214	2214-5	Shell-Thin	~17	ENVELOPE	Combination	Min	-28.51	-17.91
2214	2214-5	Shell-Thin	~15	ENVELOPE	Combination	Min	-25.73	-12.46
2214	2214-6	Shell-Thin	~15	ENVELOPE	Combination	Max	21.33	-26.43
2214	2214-6	Shell-Thin	~17	ENVELOPE	Combination	Max	28.22	2.9
2214	2214-6	Shell-Thin	2044	ENVELOPE	Combination	Max	-0.57	-2.86
2214	2214-6	Shell-Thin	~5	ENVELOPE	Combination	Max	-4.25	-21.23
2214	2214-6	Shell-Thin	~15	ENVELOPE	Combination	Min	-30.21	-31.58
2214	2214-6	Shell-Thin	~17	ENVELOPE	Combination	Min	-27.57	-13.21
2214	2214-6	Shell-Thin	2044	ENVELOPE	Combination	Min	-1.6	-8.02
2214	2214-6	Shell-Thin	~5	ENVELOPE	Combination	Min	-7.47	-37.34
2314	2314-1	Shell-Thin	2042	ENVELOPE	Combination	Max	-0.57	-2.86
2314	2314-1	Shell-Thin	~3	ENVELOPE	Combination	Max	-4.25	-21.23

Table: Element Forces - Area Shells, Part 1 of 5

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11	F22
							KN/m	KN/m
2314	2314-1	Shell-Thin	~18	ENVELOPE	Combination	Max	21.33	-26.43
2314	2314-1	Shell-Thin	~10	ENVELOPE	Combination	Max	28.22	2.9
2314	2314-1	Shell-Thin	2042	ENVELOPE	Combination	Min	-1.6	-8.02
2314	2314-1	Shell-Thin	~3	ENVELOPE	Combination	Min	-7.47	-37.34
2314	2314-1	Shell-Thin	~18	ENVELOPE	Combination	Min	-30.21	-31.58
2314	2314-1	Shell-Thin	~10	ENVELOPE	Combination	Min	-27.57	-13.21
2314	2314-2	Shell-Thin	~10	ENVELOPE	Combination	Max	26.64	-5.
2314	2314-2	Shell-Thin	~18	ENVELOPE	Combination	Max	25.15	-4.
2314	2314-2	Shell-Thin	~19	ENVELOPE	Combination	Max	9.12	-2.75
2314	2314-2	Shell-Thin	~8	ENVELOPE	Combination	Max	10.61	-8.2
2314	2314-2	Shell-Thin	~10	ENVELOPE	Combination	Min	-28.51	-17.91
2314	2314-2	Shell-Thin	~18	ENVELOPE	Combination	Min	-25.73	-12.46
2314	2314-2	Shell-Thin	~19	ENVELOPE	Combination	Min	-19.51	-15.67
2314	2314-2	Shell-Thin	~8	ENVELOPE	Combination	Min	-22.3	-16.67
2314	2314-3	Shell-Thin	~8	ENVELOPE	Combination	Max	11.69	-2.83
2314	2314-3	Shell-Thin	~19	ENVELOPE	Combination	Max	12.01	-1.23
2314	2314-3	Shell-Thin	~20	ENVELOPE	Combination	Max	2.41	1.429E-03
2314	2314-3	Shell-Thin	1	ENVELOPE	Combination	Max	1.92	-2.44
2314	2314-3	Shell-Thin	~8	ENVELOPE	Combination	Min	-20.34	-6.89
2314	2314-3	Shell-Thin	~19	ENVELOPE	Combination	Min	-19.85	-4.45
2314	2314-3	Shell-Thin	~20	ENVELOPE	Combination	Min	-2.16	-4.06
2314	2314-3	Shell-Thin	1	ENVELOPE	Combination	Min	-2.47	-5.66
2314	2314-4	Shell-Thin	~3	ENVELOPE	Combination	Max	-4.25	-21.23
2314	2314-4	Shell-Thin	2043	ENVELOPE	Combination	Max	-0.57	-2.86
2314	2314-4	Shell-Thin	~21	ENVELOPE	Combination	Max	28.22	2.9
2314	2314-4	Shell-Thin	~18	ENVELOPE	Combination	Max	21.33	-26.43
2314	2314-4	Shell-Thin	~3	ENVELOPE	Combination	Min	-7.47	-37.34
2314	2314-4	Shell-Thin	2043	ENVELOPE	Combination	Min	-1.6	-8.02
2314	2314-4	Shell-Thin	~21	ENVELOPE	Combination	Min	-27.57	-13.21
2314	2314-4	Shell-Thin	~18	ENVELOPE	Combination	Min	-30.21	-31.58
2314	2314-5	Shell-Thin	~18	ENVELOPE	Combination	Max	25.15	-4.
2314	2314-5	Shell-Thin	~21	ENVELOPE	Combination	Max	26.64	-5.
2314	2314-5	Shell-Thin	~22	ENVELOPE	Combination	Max	10.61	-8.2
2314	2314-5	Shell-Thin	~19	ENVELOPE	Combination	Max	9.12	-2.75
2314	2314-5	Shell-Thin	~18	ENVELOPE	Combination	Min	-25.73	-12.46
2314	2314-5	Shell-Thin	~21	ENVELOPE	Combination	Min	-28.51	-17.91
2314	2314-5	Shell-Thin	~22	ENVELOPE	Combination	Min	-22.3	-16.67
2314	2314-5	Shell-Thin	~19	ENVELOPE	Combination	Min	-19.51	-15.67
2314	2314-6	Shell-Thin	~19	ENVELOPE	Combination	Max	12.01	-1.23
2314	2314-6	Shell-Thin	~22	ENVELOPE	Combination	Max	11.69	-2.83
2314	2314-6	Shell-Thin	2	ENVELOPE	Combination	Max	1.92	-2.44
2314	2314-6	Shell-Thin	~20	ENVELOPE	Combination	Max	2.41	1.429E-03
2314	2314-6	Shell-Thin	~19	ENVELOPE	Combination	Min	-19.85	-4.45
2314	2314-6	Shell-Thin	~22	ENVELOPE	Combination	Min	-20.34	-6.89
2314	2314-6	Shell-Thin	2	ENVELOPE	Combination	Min	-2.47	-5.66
2314	2314-6	Shell-Thin	~20	ENVELOPE	Combination	Min	-2.16	-4.06
2414	2414-1	Shell-Thin	4	ENVELOPE	Combination	Max	1.92	-2.44
2414	2414-1	Shell-Thin	~23	ENVELOPE	Combination	Max	2.41	1.429E-03
2414	2414-1	Shell-Thin	~24	ENVELOPE	Combination	Max	12.01	-1.23
2414	2414-1	Shell-Thin	~16	ENVELOPE	Combination	Max	11.69	-2.83
2414	2414-1	Shell-Thin	4	ENVELOPE	Combination	Min	-2.47	-5.66
2414	2414-1	Shell-Thin	~23	ENVELOPE	Combination	Min	-2.16	-4.06
2414	2414-1	Shell-Thin	~24	ENVELOPE	Combination	Min	-19.85	-4.45
2414	2414-1	Shell-Thin	~16	ENVELOPE	Combination	Min	-20.34	-6.89
2414	2414-2	Shell-Thin	~16	ENVELOPE	Combination	Max	10.61	-8.2

Table: Element Forces - Area Shells, Part 1 of 5

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11 KN/m	F22 KN/m
2414	2414-2	Shell-Thin	~24	ENVELOPE	Combination	Max	9.12	-2.75
2414	2414-2	Shell-Thin	~25	ENVELOPE	Combination	Max	25.15	-4.
2414	2414-2	Shell-Thin	~17	ENVELOPE	Combination	Max	26.64	-5.
2414	2414-2	Shell-Thin	~16	ENVELOPE	Combination	Min	-22.3	-16.67
2414	2414-2	Shell-Thin	~24	ENVELOPE	Combination	Min	-19.51	-15.67
2414	2414-2	Shell-Thin	~25	ENVELOPE	Combination	Min	-25.73	-12.46
2414	2414-2	Shell-Thin	~17	ENVELOPE	Combination	Min	-28.51	-17.91
2414	2414-3	Shell-Thin	~17	ENVELOPE	Combination	Max	28.22	2.9
2414	2414-3	Shell-Thin	~25	ENVELOPE	Combination	Max	21.33	-26.43
2414	2414-3	Shell-Thin	~4	ENVELOPE	Combination	Max	-4.25	-21.23
2414	2414-3	Shell-Thin	2044	ENVELOPE	Combination	Max	-0.57	-2.86
2414	2414-3	Shell-Thin	~17	ENVELOPE	Combination	Min	-27.57	-13.21
2414	2414-3	Shell-Thin	~25	ENVELOPE	Combination	Min	-30.21	-31.58
2414	2414-3	Shell-Thin	~4	ENVELOPE	Combination	Min	-7.47	-37.34
2414	2414-3	Shell-Thin	2044	ENVELOPE	Combination	Min	-1.6	-8.02
2414	2414-4	Shell-Thin	~23	ENVELOPE	Combination	Max	2.41	1.429E-03
2414	2414-4	Shell-Thin	2	ENVELOPE	Combination	Max	1.92	-2.44
2414	2414-4	Shell-Thin	~22	ENVELOPE	Combination	Max	11.69	-2.83
2414	2414-4	Shell-Thin	~24	ENVELOPE	Combination	Max	12.01	-1.23
2414	2414-4	Shell-Thin	~23	ENVELOPE	Combination	Min	-2.16	-4.06
2414	2414-4	Shell-Thin	2	ENVELOPE	Combination	Min	-2.47	-5.66
2414	2414-4	Shell-Thin	~22	ENVELOPE	Combination	Min	-20.34	-6.89
2414	2414-4	Shell-Thin	~24	ENVELOPE	Combination	Min	-19.85	-4.45
2414	2414-5	Shell-Thin	~24	ENVELOPE	Combination	Max	9.12	-2.75
2414	2414-5	Shell-Thin	~22	ENVELOPE	Combination	Max	10.61	-8.2
2414	2414-5	Shell-Thin	~21	ENVELOPE	Combination	Max	26.64	-5.
2414	2414-5	Shell-Thin	~25	ENVELOPE	Combination	Max	25.15	-4.
2414	2414-5	Shell-Thin	~24	ENVELOPE	Combination	Min	-19.51	-15.67
2414	2414-5	Shell-Thin	~22	ENVELOPE	Combination	Min	-22.3	-16.67
2414	2414-5	Shell-Thin	~21	ENVELOPE	Combination	Min	-28.51	-17.91
2414	2414-5	Shell-Thin	~25	ENVELOPE	Combination	Min	-25.73	-12.46
2414	2414-6	Shell-Thin	~25	ENVELOPE	Combination	Max	21.33	-26.43
2414	2414-6	Shell-Thin	~21	ENVELOPE	Combination	Max	28.22	2.9
2414	2414-6	Shell-Thin	2043	ENVELOPE	Combination	Max	-0.57	-2.86
2414	2414-6	Shell-Thin	~4	ENVELOPE	Combination	Max	-4.25	-21.23
2414	2414-6	Shell-Thin	~25	ENVELOPE	Combination	Min	-30.21	-31.58
2414	2414-6	Shell-Thin	~21	ENVELOPE	Combination	Min	-27.57	-13.21
2414	2414-6	Shell-Thin	2043	ENVELOPE	Combination	Min	-1.6	-8.02
2414	2414-6	Shell-Thin	~4	ENVELOPE	Combination	Min	-7.47	-37.34

Table: Element Forces - Area Shells, Part 2 of 5

Area	AreaElem	Joint	OutputCase	StepType	F12 KN/m	FMax KN/m	FMin KN/m	FAngle Degrees
2012	2012-1	2042	ENVELOPE	Max	7.81	0.	0.	0.
2012	2012-1	~1	ENVELOPE	Max	3.91	0.	0.	0.
2012	2012-1	~2	ENVELOPE	Max	1.387E-12	0.	0.	0.
2012	2012-1	~3	ENVELOPE	Max	3.91	0.	0.	0.
2012	2012-1	2042	ENVELOPE	Min	-17.23	0.	0.	0.
2012	2012-1	~1	ENVELOPE	Min	-8.62	0.	0.	0.
2012	2012-1	~2	ENVELOPE	Min	4.949E-13	0.	0.	0.
2012	2012-1	~3	ENVELOPE	Min	-8.62	0.	0.	0.
2012	2012-2	~3	ENVELOPE	Max	8.62	0.	0.	0.
2012	2012-2	~2	ENVELOPE	Max	1.968E-12	0.	0.	0.
2012	2012-2	~4	ENVELOPE	Max	8.62	0.	0.	0.
2012	2012-2	2043	ENVELOPE	Max	17.23	0.	0.	0.

Table: Element Forces - Area Shells, Part 2 of 5

Area	AreaElem	Joint	OutputCase	StepType	F12	FMax	FMin	FAngle
					KN/m	KN/m	KN/m	Degrees
2012	2012-2	~3	ENVELOPE	Min	-3.91	0.	0.	0.
2012	2012-2	~2	ENVELOPE	Min	6.314E-13	0.	0.	0.
2012	2012-2	~4	ENVELOPE	Min	-3.91	0.	0.	0.
2012	2012-2	2043	ENVELOPE	Min	-7.81	0.	0.	0.
2012	2012-3	~1	ENVELOPE	Max	8.62	0.	0.	0.
2012	2012-3	2045	ENVELOPE	Max	17.23	0.	0.	0.
2012	2012-3	~5	ENVELOPE	Max	8.62	0.	0.	0.
2012	2012-3	~2	ENVELOPE	Max	4.655E-13	0.	0.	0.
2012	2012-3	~1	ENVELOPE	Min	-3.91	0.	0.	0.
2012	2012-3	2045	ENVELOPE	Min	-7.81	0.	0.	0.
2012	2012-3	~5	ENVELOPE	Min	-3.91	0.	0.	0.
2012	2012-3	~2	ENVELOPE	Min	1.057E-13	0.	0.	0.
2012	2012-4	~2	ENVELOPE	Max	1.051E-12	0.	0.	0.
2012	2012-4	~5	ENVELOPE	Max	3.91	0.	0.	0.
2012	2012-4	2044	ENVELOPE	Max	7.81	0.	0.	0.
2012	2012-4	~4	ENVELOPE	Max	3.91	0.	0.	0.
2012	2012-4	~2	ENVELOPE	Min	2.387E-13	0.	0.	0.
2012	2012-4	~5	ENVELOPE	Min	-8.62	0.	0.	0.
2012	2012-4	2044	ENVELOPE	Min	-17.23	0.	0.	0.
2012	2012-4	~4	ENVELOPE	Min	-8.62	0.	0.	0.
2114	2114-1	1	ENVELOPE	Max	0.6	0.	0.	0.
2114	2114-1	~6	ENVELOPE	Max	0.35	0.	0.	0.
2114	2114-1	~7	ENVELOPE	Max	0.78	0.	0.	0.
2114	2114-1	~8	ENVELOPE	Max	0.91	0.	0.	0.
2114	2114-1	1	ENVELOPE	Min	2.977E-02	0.	0.	0.
2114	2114-1	~6	ENVELOPE	Min	-9.952E-02	0.	0.	0.
2114	2114-1	~7	ENVELOPE	Min	-0.26	0.	0.	0.
2114	2114-1	~8	ENVELOPE	Min	-1.226E-02	0.	0.	0.
2114	2114-2	~8	ENVELOPE	Max	3.11	0.	0.	0.
2114	2114-2	~7	ENVELOPE	Max	0.78	0.	0.	0.
2114	2114-2	~9	ENVELOPE	Max	-0.85	0.	0.	0.
2114	2114-2	~10	ENVELOPE	Max	1.26	0.	0.	0.
2114	2114-2	~8	ENVELOPE	Min	-2.06	0.	0.	0.
2114	2114-2	~7	ENVELOPE	Min	-0.26	0.	0.	0.
2114	2114-2	~9	ENVELOPE	Min	-1.08	0.	0.	0.
2114	2114-2	~10	ENVELOPE	Min	-2.65	0.	0.	0.
2114	2114-3	~10	ENVELOPE	Max	-1.25	0.	0.	0.
2114	2114-3	~9	ENVELOPE	Max	-0.85	0.	0.	0.
2114	2114-3	~1	ENVELOPE	Max	-3.29	0.	0.	0.
2114	2114-3	2042	ENVELOPE	Max	-3.86	0.	0.	0.
2114	2114-3	~10	ENVELOPE	Min	-6.19	0.	0.	0.
2114	2114-3	~9	ENVELOPE	Min	-1.08	0.	0.	0.
2114	2114-3	~1	ENVELOPE	Min	-3.46	0.	0.	0.
2114	2114-3	2042	ENVELOPE	Min	-8.41	0.	0.	0.
2114	2114-4	~6	ENVELOPE	Max	9.952E-02	0.	0.	0.
2114	2114-4	3	ENVELOPE	Max	-2.977E-02	0.	0.	0.
2114	2114-4	~11	ENVELOPE	Max	1.226E-02	0.	0.	0.
2114	2114-4	~7	ENVELOPE	Max	0.26	0.	0.	0.
2114	2114-4	~6	ENVELOPE	Min	-0.35	0.	0.	0.
2114	2114-4	3	ENVELOPE	Min	-0.6	0.	0.	0.
2114	2114-4	~11	ENVELOPE	Min	-0.91	0.	0.	0.
2114	2114-4	~7	ENVELOPE	Min	-0.78	0.	0.	0.
2114	2114-5	~7	ENVELOPE	Max	0.26	0.	0.	0.
2114	2114-5	~11	ENVELOPE	Max	2.06	0.	0.	0.
2114	2114-5	~12	ENVELOPE	Max	2.65	0.	0.	0.

Table: Element Forces - Area Shells, Part 2 of 5

Area	AreaElem	Joint	OutputCase	StepType	F12	FMax	FMin	FAngle
					KN/m	KN/m	KN/m	Degrees
2114	2114-5	~9	ENVELOPE	Max	1.08	0.	0.	0.
2114	2114-5	~7	ENVELOPE	Min	-0.78	0.	0.	0.
2114	2114-5	~11	ENVELOPE	Min	-3.11	0.	0.	0.
2114	2114-5	~12	ENVELOPE	Min	-1.26	0.	0.	0.
2114	2114-5	~9	ENVELOPE	Min	0.85	0.	0.	0.
2114	2114-6	~9	ENVELOPE	Max	1.08	0.	0.	0.
2114	2114-6	~12	ENVELOPE	Max	6.19	0.	0.	0.
2114	2114-6	2045	ENVELOPE	Max	8.41	0.	0.	0.
2114	2114-6	~1	ENVELOPE	Max	3.46	0.	0.	0.
2114	2114-6	~9	ENVELOPE	Min	0.85	0.	0.	0.
2114	2114-6	~12	ENVELOPE	Min	1.25	0.	0.	0.
2114	2114-6	2045	ENVELOPE	Min	3.86	0.	0.	0.
2114	2114-6	~1	ENVELOPE	Min	3.29	0.	0.	0.
2214	2214-1	3	ENVELOPE	Max	0.6	0.	0.	0.
2214	2214-1	~13	ENVELOPE	Max	0.35	0.	0.	0.
2214	2214-1	~14	ENVELOPE	Max	0.78	0.	0.	0.
2214	2214-1	~11	ENVELOPE	Max	0.91	0.	0.	0.
2214	2214-1	3	ENVELOPE	Min	2.977E-02	0.	0.	0.
2214	2214-1	~13	ENVELOPE	Min	-9.952E-02	0.	0.	0.
2214	2214-1	~14	ENVELOPE	Min	-0.26	0.	0.	0.
2214	2214-1	~11	ENVELOPE	Min	-1.226E-02	0.	0.	0.
2214	2214-2	~11	ENVELOPE	Max	3.11	0.	0.	0.
2214	2214-2	~14	ENVELOPE	Max	0.78	0.	0.	0.
2214	2214-2	~15	ENVELOPE	Max	-0.85	0.	0.	0.
2214	2214-2	~12	ENVELOPE	Max	1.26	0.	0.	0.
2214	2214-2	~11	ENVELOPE	Min	-2.06	0.	0.	0.
2214	2214-2	~14	ENVELOPE	Min	-0.26	0.	0.	0.
2214	2214-2	~15	ENVELOPE	Min	-1.08	0.	0.	0.
2214	2214-2	~12	ENVELOPE	Min	-2.65	0.	0.	0.
2214	2214-3	~12	ENVELOPE	Max	-1.25	0.	0.	0.
2214	2214-3	~15	ENVELOPE	Max	-0.85	0.	0.	0.
2214	2214-3	~5	ENVELOPE	Max	-3.29	0.	0.	0.
2214	2214-3	2045	ENVELOPE	Max	-3.86	0.	0.	0.
2214	2214-3	~12	ENVELOPE	Min	-6.19	0.	0.	0.
2214	2214-3	~15	ENVELOPE	Min	-1.08	0.	0.	0.
2214	2214-3	~5	ENVELOPE	Min	-3.46	0.	0.	0.
2214	2214-3	2045	ENVELOPE	Min	-8.41	0.	0.	0.
2214	2214-4	~13	ENVELOPE	Max	9.952E-02	0.	0.	0.
2214	2214-4	4	ENVELOPE	Max	-2.977E-02	0.	0.	0.
2214	2214-4	~16	ENVELOPE	Max	1.226E-02	0.	0.	0.
2214	2214-4	~14	ENVELOPE	Max	0.26	0.	0.	0.
2214	2214-4	~13	ENVELOPE	Min	-0.35	0.	0.	0.
2214	2214-4	4	ENVELOPE	Min	-0.6	0.	0.	0.
2214	2214-4	~16	ENVELOPE	Min	-0.91	0.	0.	0.
2214	2214-4	~14	ENVELOPE	Min	-0.78	0.	0.	0.
2214	2214-5	~14	ENVELOPE	Max	0.26	0.	0.	0.
2214	2214-5	~16	ENVELOPE	Max	2.06	0.	0.	0.
2214	2214-5	~17	ENVELOPE	Max	2.65	0.	0.	0.
2214	2214-5	~15	ENVELOPE	Max	1.08	0.	0.	0.
2214	2214-5	~14	ENVELOPE	Min	-0.78	0.	0.	0.
2214	2214-5	~16	ENVELOPE	Min	-3.11	0.	0.	0.
2214	2214-5	~17	ENVELOPE	Min	-1.26	0.	0.	0.
2214	2214-5	~15	ENVELOPE	Min	0.85	0.	0.	0.
2214	2214-6	~15	ENVELOPE	Max	1.08	0.	0.	0.
2214	2214-6	~17	ENVELOPE	Max	6.19	0.	0.	0.

Table: Element Forces - Area Shells, Part 2 of 5

Area	AreaElem	Joint	OutputCase	StepType	F12	FMax	FMin	FAngle
					KN/m	KN/m	KN/m	Degrees
2214	2214-6	2044	ENVELOPE	Max	8.41	0.	0.	0.
2214	2214-6	~5	ENVELOPE	Max	3.46	0.	0.	0.
2214	2214-6	~15	ENVELOPE	Min	0.85	0.	0.	0.
2214	2214-6	~17	ENVELOPE	Min	1.25	0.	0.	0.
2214	2214-6	2044	ENVELOPE	Min	3.86	0.	0.	0.
2214	2214-6	~5	ENVELOPE	Min	3.29	0.	0.	0.
2314	2314-1	2042	ENVELOPE	Max	8.41	0.	0.	0.
2314	2314-1	~3	ENVELOPE	Max	3.46	0.	0.	0.
2314	2314-1	~18	ENVELOPE	Max	1.08	0.	0.	0.
2314	2314-1	~10	ENVELOPE	Max	6.19	0.	0.	0.
2314	2314-1	2042	ENVELOPE	Min	3.86	0.	0.	0.
2314	2314-1	~3	ENVELOPE	Min	3.29	0.	0.	0.
2314	2314-1	~18	ENVELOPE	Min	0.85	0.	0.	0.
2314	2314-1	~10	ENVELOPE	Min	1.25	0.	0.	0.
2314	2314-2	~10	ENVELOPE	Max	2.65	0.	0.	0.
2314	2314-2	~18	ENVELOPE	Max	1.08	0.	0.	0.
2314	2314-2	~19	ENVELOPE	Max	0.26	0.	0.	0.
2314	2314-2	~8	ENVELOPE	Max	2.06	0.	0.	0.
2314	2314-2	~10	ENVELOPE	Min	-1.26	0.	0.	0.
2314	2314-2	~18	ENVELOPE	Min	0.85	0.	0.	0.
2314	2314-2	~19	ENVELOPE	Min	-0.78	0.	0.	0.
2314	2314-2	~8	ENVELOPE	Min	-3.11	0.	0.	0.
2314	2314-3	~8	ENVELOPE	Max	1.226E-02	0.	0.	0.
2314	2314-3	~19	ENVELOPE	Max	0.26	0.	0.	0.
2314	2314-3	~20	ENVELOPE	Max	9.952E-02	0.	0.	0.
2314	2314-3	1	ENVELOPE	Max	-2.977E-02	0.	0.	0.
2314	2314-3	~8	ENVELOPE	Min	-0.91	0.	0.	0.
2314	2314-3	~19	ENVELOPE	Min	-0.78	0.	0.	0.
2314	2314-3	~20	ENVELOPE	Min	-0.35	0.	0.	0.
2314	2314-3	1	ENVELOPE	Min	-0.6	0.	0.	0.
2314	2314-4	~3	ENVELOPE	Max	-3.29	0.	0.	0.
2314	2314-4	2043	ENVELOPE	Max	-3.86	0.	0.	0.
2314	2314-4	~21	ENVELOPE	Max	-1.25	0.	0.	0.
2314	2314-4	~18	ENVELOPE	Max	-0.85	0.	0.	0.
2314	2314-4	~3	ENVELOPE	Min	-3.46	0.	0.	0.
2314	2314-4	2043	ENVELOPE	Min	-8.41	0.	0.	0.
2314	2314-4	~21	ENVELOPE	Min	-6.19	0.	0.	0.
2314	2314-4	~18	ENVELOPE	Min	-1.08	0.	0.	0.
2314	2314-5	~18	ENVELOPE	Max	-0.85	0.	0.	0.
2314	2314-5	~21	ENVELOPE	Max	1.26	0.	0.	0.
2314	2314-5	~22	ENVELOPE	Max	3.11	0.	0.	0.
2314	2314-5	~19	ENVELOPE	Max	0.78	0.	0.	0.
2314	2314-5	~18	ENVELOPE	Min	-1.08	0.	0.	0.
2314	2314-5	~21	ENVELOPE	Min	-2.65	0.	0.	0.
2314	2314-5	~22	ENVELOPE	Min	-2.06	0.	0.	0.
2314	2314-5	~19	ENVELOPE	Min	-0.26	0.	0.	0.
2314	2314-6	~19	ENVELOPE	Max	0.78	0.	0.	0.
2314	2314-6	~22	ENVELOPE	Max	0.91	0.	0.	0.
2314	2314-6	2	ENVELOPE	Max	0.6	0.	0.	0.
2314	2314-6	~20	ENVELOPE	Max	0.35	0.	0.	0.
2314	2314-6	~19	ENVELOPE	Min	-0.26	0.	0.	0.
2314	2314-6	~22	ENVELOPE	Min	-1.226E-02	0.	0.	0.
2314	2314-6	2	ENVELOPE	Min	2.977E-02	0.	0.	0.
2314	2314-6	~20	ENVELOPE	Min	-9.952E-02	0.	0.	0.
2414	2414-1	4	ENVELOPE	Max	0.6	0.	0.	0.

Table: Element Forces - Area Shells, Part 2 of 5

Area	AreaElem	Joint	OutputCase	StepType	F12	FMax	FMin	FAngle
					KN/m	KN/m	KN/m	Degrees
2414	2414-1	~23	ENVELOPE	Max	0.35	0.	0.	0.
2414	2414-1	~24	ENVELOPE	Max	0.78	0.	0.	0.
2414	2414-1	~16	ENVELOPE	Max	0.91	0.	0.	0.
2414	2414-1	4	ENVELOPE	Min	2.977E-02	0.	0.	0.
2414	2414-1	~23	ENVELOPE	Min	-9.952E-02	0.	0.	0.
2414	2414-1	~24	ENVELOPE	Min	-0.26	0.	0.	0.
2414	2414-1	~16	ENVELOPE	Min	-1.226E-02	0.	0.	0.
2414	2414-2	~16	ENVELOPE	Max	3.11	0.	0.	0.
2414	2414-2	~24	ENVELOPE	Max	0.78	0.	0.	0.
2414	2414-2	~25	ENVELOPE	Max	-0.85	0.	0.	0.
2414	2414-2	~17	ENVELOPE	Max	1.26	0.	0.	0.
2414	2414-2	~16	ENVELOPE	Min	-2.06	0.	0.	0.
2414	2414-2	~24	ENVELOPE	Min	-0.26	0.	0.	0.
2414	2414-2	~25	ENVELOPE	Min	-1.08	0.	0.	0.
2414	2414-2	~17	ENVELOPE	Min	-2.65	0.	0.	0.
2414	2414-3	~17	ENVELOPE	Max	-1.25	0.	0.	0.
2414	2414-3	~25	ENVELOPE	Max	-0.85	0.	0.	0.
2414	2414-3	~4	ENVELOPE	Max	-3.29	0.	0.	0.
2414	2414-3	2044	ENVELOPE	Max	-3.86	0.	0.	0.
2414	2414-3	~17	ENVELOPE	Min	-6.19	0.	0.	0.
2414	2414-3	~25	ENVELOPE	Min	-1.08	0.	0.	0.
2414	2414-3	~4	ENVELOPE	Min	-3.46	0.	0.	0.
2414	2414-3	2044	ENVELOPE	Min	-8.41	0.	0.	0.
2414	2414-4	~23	ENVELOPE	Max	9.952E-02	0.	0.	0.
2414	2414-4	2	ENVELOPE	Max	-2.977E-02	0.	0.	0.
2414	2414-4	~22	ENVELOPE	Max	1.226E-02	0.	0.	0.
2414	2414-4	~24	ENVELOPE	Max	0.26	0.	0.	0.
2414	2414-4	~23	ENVELOPE	Min	-0.35	0.	0.	0.
2414	2414-4	2	ENVELOPE	Min	-0.6	0.	0.	0.
2414	2414-4	~22	ENVELOPE	Min	-0.91	0.	0.	0.
2414	2414-4	~24	ENVELOPE	Min	-0.78	0.	0.	0.
2414	2414-5	~24	ENVELOPE	Max	0.26	0.	0.	0.
2414	2414-5	~22	ENVELOPE	Max	2.06	0.	0.	0.
2414	2414-5	~21	ENVELOPE	Max	2.65	0.	0.	0.
2414	2414-5	~25	ENVELOPE	Max	1.08	0.	0.	0.
2414	2414-5	~24	ENVELOPE	Min	-0.78	0.	0.	0.
2414	2414-5	~22	ENVELOPE	Min	-3.11	0.	0.	0.
2414	2414-5	~21	ENVELOPE	Min	-1.26	0.	0.	0.
2414	2414-5	~25	ENVELOPE	Min	0.85	0.	0.	0.
2414	2414-6	~25	ENVELOPE	Max	1.08	0.	0.	0.
2414	2414-6	~21	ENVELOPE	Max	6.19	0.	0.	0.
2414	2414-6	2043	ENVELOPE	Max	8.41	0.	0.	0.
2414	2414-6	~4	ENVELOPE	Max	3.46	0.	0.	0.
2414	2414-6	~25	ENVELOPE	Min	0.85	0.	0.	0.
2414	2414-6	~21	ENVELOPE	Min	1.25	0.	0.	0.
2414	2414-6	2043	ENVELOPE	Min	3.86	0.	0.	0.
2414	2414-6	~4	ENVELOPE	Min	3.29	0.	0.	0.

Table: Element Forces - Area Shells, Part 3 of 5

Area	AreaElem	Joint	OutputCase	StepType	FVM	M11	M22	M12
					KN/m	KN-m/m	KN-m/m	KN-m/m
2012	2012-1	2042	ENVELOPE	Max	0.	0.7424	0.7424	-0.782
2012	2012-1	~1	ENVELOPE	Max	0.	3.8446	0.2257	-0.6377
2012	2012-1	~2	ENVELOPE	Max	0.	-5.5519	-5.5519	-0.4092
2012	2012-1	~3	ENVELOPE	Max	0.	0.2257	3.8446	-0.6377
2012	2012-1	2042	ENVELOPE	Min	0.	-0.0946	-0.0946	-1.4614
2012	2012-1	~1	ENVELOPE	Min	0.	1.4101	-0.9895	-0.9353
2012	2012-1	~2	ENVELOPE	Min	0.	-6.8506	-6.8506	-0.4933
2012	2012-1	~3	ENVELOPE	Min	0.	-0.9895	1.4101	-0.9353
2012	2012-2	~3	ENVELOPE	Max	0.	0.2257	3.8446	0.9353
2012	2012-2	~2	ENVELOPE	Max	0.	-5.5519	-5.5519	0.4933
2012	2012-2	~4	ENVELOPE	Max	0.	3.8446	0.2257	0.9353
2012	2012-2	2043	ENVELOPE	Max	0.	0.7424	0.7424	1.4614
2012	2012-2	~3	ENVELOPE	Min	0.	-0.9895	1.4101	0.6377
2012	2012-2	~2	ENVELOPE	Min	0.	-6.8506	-6.8506	0.4092
2012	2012-2	~4	ENVELOPE	Min	0.	1.4101	-0.9895	0.6377
2012	2012-2	2043	ENVELOPE	Min	0.	-0.0946	-0.0946	0.782
2012	2012-3	~1	ENVELOPE	Max	0.	3.8446	0.2257	0.9353
2012	2012-3	2045	ENVELOPE	Max	0.	0.7424	0.7424	1.4614
2012	2012-3	~5	ENVELOPE	Max	0.	0.2257	3.8446	0.9353
2012	2012-3	~2	ENVELOPE	Max	0.	-5.5519	-5.5519	0.4933
2012	2012-3	~1	ENVELOPE	Min	0.	1.4101	-0.9895	0.6377
2012	2012-3	2045	ENVELOPE	Min	0.	-0.0946	-0.0946	0.782
2012	2012-3	~5	ENVELOPE	Min	0.	-0.9895	1.4101	0.6377
2012	2012-3	~2	ENVELOPE	Min	0.	-6.8506	-6.8506	0.4092
2012	2012-4	~2	ENVELOPE	Max	0.	-5.5519	-5.5519	-0.4092
2012	2012-4	~5	ENVELOPE	Max	0.	0.2257	3.8446	-0.6377
2012	2012-4	2044	ENVELOPE	Max	0.	0.7424	0.7424	-0.782
2012	2012-4	~4	ENVELOPE	Max	0.	3.8446	0.2257	-0.6377
2012	2012-4	~2	ENVELOPE	Min	0.	-6.8506	-6.8506	-0.4933
2012	2012-4	~5	ENVELOPE	Min	0.	-0.9895	1.4101	-0.9353
2012	2012-4	2044	ENVELOPE	Min	0.	-0.0946	-0.0946	-1.4614
2012	2012-4	~4	ENVELOPE	Min	0.	1.4101	-0.9895	-0.9353
2114	2114-1	1	ENVELOPE	Max	0.	0.7738	0.1609	0.2968
2114	2114-1	~6	ENVELOPE	Max	0.	0.3828	0.0571	0.2968
2114	2114-1	~7	ENVELOPE	Max	0.	1.9444	0.1733	0.3335
2114	2114-1	~8	ENVELOPE	Max	0.	3.3425	0.6509	0.3335
2114	2114-1	1	ENVELOPE	Min	0.	-0.3904	-0.0951	-0.1786
2114	2114-1	~6	ENVELOPE	Min	0.	-0.7597	-0.0904	-0.1786
2114	2114-1	~7	ENVELOPE	Min	0.	-3.3277	-0.5768	-0.2138
2114	2114-1	~8	ENVELOPE	Min	0.	-2.0024	-0.4633	-0.2138
2114	2114-2	~8	ENVELOPE	Max	0.	3.3404	0.6402	0.3316
2114	2114-2	~7	ENVELOPE	Max	0.	1.9359	0.1306	0.3316
2114	2114-2	~9	ENVELOPE	Max	0.	3.5441	1.8388	-0.0139
2114	2114-2	~10	ENVELOPE	Max	0.	4.5483	0.453	-0.0139
2114	2114-2	~8	ENVELOPE	Min	0.	-2.0067	-0.4849	-0.2421
2114	2114-2	~7	ENVELOPE	Min	0.	-3.3058	-0.4674	-0.2421
2114	2114-2	~9	ENVELOPE	Min	0.	-5.1021	-3.2219	-0.081
2114	2114-2	~10	ENVELOPE	Min	0.	-3.2573	-0.4048	-0.081
2114	2114-3	~10	ENVELOPE	Max	0.	4.5681	0.5522	0.2313
2114	2114-3	~9	ENVELOPE	Max	0.	3.5285	1.7606	0.2313
2114	2114-3	~1	ENVELOPE	Max	0.	0.5206	3.7353	0.496
2114	2114-3	2042	ENVELOPE	Max	0.	0.8684	0.752	0.496
2114	2114-3	~10	ENVELOPE	Min	0.	-3.2373	-0.3048	-0.6026
2114	2114-3	~9	ENVELOPE	Min	0.	-5.1445	-3.434	-0.6026
2114	2114-3	~1	ENVELOPE	Min	0.	0.0291	0.9759	-0.3514

Table: Element Forces - Area Shells, Part 3 of 5

Area	AreaElem	Joint	OutputCase	StepType	FVM	M11	M22	M12
					KN/m	KN-m/m	KN-m/m	KN-m/m
2114	2114-3	2042	ENVELOPE	Min	0.	-0.2521	0.3665	-0.3514
2114	2114-4	~6	ENVELOPE	Max	0.	0.3828	0.0571	0.1786
2114	2114-4	3	ENVELOPE	Max	0.	0.7738	0.1609	0.1786
2114	2114-4	~11	ENVELOPE	Max	0.	3.3425	0.6509	0.2138
2114	2114-4	~7	ENVELOPE	Max	0.	1.9444	0.1733	0.2138
2114	2114-4	~6	ENVELOPE	Min	0.	-0.7597	-0.0904	-0.2968
2114	2114-4	3	ENVELOPE	Min	0.	-0.3904	-0.0951	-0.2968
2114	2114-4	~11	ENVELOPE	Min	0.	-2.0024	-0.4633	-0.3335
2114	2114-4	~7	ENVELOPE	Min	0.	-3.3277	-0.5768	-0.3335
2114	2114-5	~7	ENVELOPE	Max	0.	1.9359	0.1306	0.2421
2114	2114-5	~11	ENVELOPE	Max	0.	3.3404	0.6402	0.2421
2114	2114-5	~12	ENVELOPE	Max	0.	4.5483	0.453	0.081
2114	2114-5	~9	ENVELOPE	Max	0.	3.5441	1.8388	0.081
2114	2114-5	~7	ENVELOPE	Min	0.	-3.3058	-0.4674	-0.3316
2114	2114-5	~11	ENVELOPE	Min	0.	-2.0067	-0.4849	-0.3316
2114	2114-5	~12	ENVELOPE	Min	0.	-3.2573	-0.4048	0.0139
2114	2114-5	~9	ENVELOPE	Min	0.	-5.1021	-3.2219	0.0139
2114	2114-6	~9	ENVELOPE	Max	0.	3.5285	1.7606	0.6026
2114	2114-6	~12	ENVELOPE	Max	0.	4.5681	0.5522	0.6026
2114	2114-6	2045	ENVELOPE	Max	0.	0.8684	0.752	0.3514
2114	2114-6	~1	ENVELOPE	Max	0.	0.5206	3.7353	0.3514
2114	2114-6	~9	ENVELOPE	Min	0.	-5.1445	-3.434	-0.2313
2114	2114-6	~12	ENVELOPE	Min	0.	-3.2373	-0.3048	-0.2313
2114	2114-6	2045	ENVELOPE	Min	0.	-0.2521	0.3665	-0.496
2114	2114-6	~1	ENVELOPE	Min	0.	0.0291	0.9759	-0.496
2214	2214-1	3	ENVELOPE	Max	0.	0.7738	0.1609	0.2968
2214	2214-1	~13	ENVELOPE	Max	0.	0.3828	0.0571	0.2968
2214	2214-1	~14	ENVELOPE	Max	0.	1.9444	0.1733	0.3335
2214	2214-1	~11	ENVELOPE	Max	0.	3.3425	0.6509	0.3335
2214	2214-1	3	ENVELOPE	Min	0.	-0.3904	-0.0951	-0.1786
2214	2214-1	~13	ENVELOPE	Min	0.	-0.7597	-0.0904	-0.1786
2214	2214-1	~14	ENVELOPE	Min	0.	-3.3277	-0.5768	-0.2138
2214	2214-1	~11	ENVELOPE	Min	0.	-2.0024	-0.4633	-0.2138
2214	2214-2	~11	ENVELOPE	Max	0.	3.3404	0.6402	0.3316
2214	2214-2	~14	ENVELOPE	Max	0.	1.9359	0.1306	0.3316
2214	2214-2	~15	ENVELOPE	Max	0.	3.5441	1.8388	-0.0139
2214	2214-2	~12	ENVELOPE	Max	0.	4.5483	0.453	-0.0139
2214	2214-2	~11	ENVELOPE	Min	0.	-2.0067	-0.4849	-0.2421
2214	2214-2	~14	ENVELOPE	Min	0.	-3.3058	-0.4674	-0.2421
2214	2214-2	~15	ENVELOPE	Min	0.	-5.1021	-3.2219	-0.081
2214	2214-2	~12	ENVELOPE	Min	0.	-3.2573	-0.4048	-0.081
2214	2214-3	~12	ENVELOPE	Max	0.	4.5681	0.5522	0.2313
2214	2214-3	~15	ENVELOPE	Max	0.	3.5285	1.7606	0.2313
2214	2214-3	~5	ENVELOPE	Max	0.	0.5206	3.7353	0.496
2214	2214-3	2045	ENVELOPE	Max	0.	0.8684	0.752	0.496
2214	2214-3	~12	ENVELOPE	Min	0.	-3.2373	-0.3048	-0.6026
2214	2214-3	~15	ENVELOPE	Min	0.	-5.1445	-3.434	-0.6026
2214	2214-3	~5	ENVELOPE	Min	0.	0.0291	0.9759	-0.3514
2214	2214-3	2045	ENVELOPE	Min	0.	-0.2521	0.3665	-0.3514
2214	2214-4	~13	ENVELOPE	Max	0.	0.3828	0.0571	0.1786
2214	2214-4	4	ENVELOPE	Max	0.	0.7738	0.1609	0.1786
2214	2214-4	~16	ENVELOPE	Max	0.	3.3425	0.6509	0.2138
2214	2214-4	~14	ENVELOPE	Max	0.	1.9444	0.1733	0.2138
2214	2214-4	~13	ENVELOPE	Min	0.	-0.7597	-0.0904	-0.2968
2214	2214-4	4	ENVELOPE	Min	0.	-0.3904	-0.0951	-0.2968

Table: Element Forces - Area Shells, Part 3 of 5

Area	AreaElem	Joint	OutputCase	StepType	FVM	M11	M22	M12
					KN/m	KN-m/m	KN-m/m	KN-m/m
2214	2214-4	~16	ENVELOPE	Min	0.	-2.0024	-0.4633	-0.3335
2214	2214-4	~14	ENVELOPE	Min	0.	-3.3277	-0.5768	-0.3335
2214	2214-5	~14	ENVELOPE	Max	0.	1.9359	0.1306	0.2421
2214	2214-5	~16	ENVELOPE	Max	0.	3.3404	0.6402	0.2421
2214	2214-5	~17	ENVELOPE	Max	0.	4.5483	0.453	0.081
2214	2214-5	~15	ENVELOPE	Max	0.	3.5441	1.8388	0.081
2214	2214-5	~14	ENVELOPE	Min	0.	-3.3058	-0.4674	-0.3316
2214	2214-5	~16	ENVELOPE	Min	0.	-2.0067	-0.4849	-0.3316
2214	2214-5	~17	ENVELOPE	Min	0.	-3.2573	-0.4048	0.0139
2214	2214-5	~15	ENVELOPE	Min	0.	-5.1021	-3.2219	0.0139
2214	2214-6	~15	ENVELOPE	Max	0.	3.5285	1.7606	0.6026
2214	2214-6	~17	ENVELOPE	Max	0.	4.5681	0.5522	0.6026
2214	2214-6	2044	ENVELOPE	Max	0.	0.8684	0.752	0.3514
2214	2214-6	~5	ENVELOPE	Max	0.	0.5206	3.7353	0.3514
2214	2214-6	~15	ENVELOPE	Min	0.	-5.1445	-3.434	-0.2313
2214	2214-6	~17	ENVELOPE	Min	0.	-3.2373	-0.3048	-0.2313
2214	2214-6	2044	ENVELOPE	Min	0.	-0.2521	0.3665	-0.496
2214	2214-6	~5	ENVELOPE	Min	0.	0.0291	0.9759	-0.496
2314	2314-1	2042	ENVELOPE	Max	0.	0.8684	0.752	0.3514
2314	2314-1	~3	ENVELOPE	Max	0.	0.5206	3.7353	0.3514
2314	2314-1	~18	ENVELOPE	Max	0.	3.5285	1.7606	0.6026
2314	2314-1	~10	ENVELOPE	Max	0.	4.5681	0.5522	0.6026
2314	2314-1	2042	ENVELOPE	Min	0.	-0.2521	0.3665	-0.496
2314	2314-1	~3	ENVELOPE	Min	0.	0.0291	0.9759	-0.496
2314	2314-1	~18	ENVELOPE	Min	0.	-5.1445	-3.434	-0.2313
2314	2314-1	~10	ENVELOPE	Min	0.	-3.2373	-0.3048	-0.2313
2314	2314-2	~10	ENVELOPE	Max	0.	4.5483	0.453	0.081
2314	2314-2	~18	ENVELOPE	Max	0.	3.5441	1.8388	0.081
2314	2314-2	~19	ENVELOPE	Max	0.	1.9359	0.1306	0.2421
2314	2314-2	~8	ENVELOPE	Max	0.	3.3404	0.6402	0.2421
2314	2314-2	~10	ENVELOPE	Min	0.	-3.2573	-0.4048	0.0139
2314	2314-2	~18	ENVELOPE	Min	0.	-5.1021	-3.2219	0.0139
2314	2314-2	~19	ENVELOPE	Min	0.	-3.3058	-0.4674	-0.3316
2314	2314-2	~8	ENVELOPE	Min	0.	-2.0067	-0.4849	-0.3316
2314	2314-3	~8	ENVELOPE	Max	0.	3.3425	0.6509	0.2138
2314	2314-3	~19	ENVELOPE	Max	0.	1.9444	0.1733	0.2138
2314	2314-3	~20	ENVELOPE	Max	0.	0.3828	0.0571	0.1786
2314	2314-3	1	ENVELOPE	Max	0.	0.7738	0.1609	0.1786
2314	2314-3	~8	ENVELOPE	Min	0.	-2.0024	-0.4633	-0.3335
2314	2314-3	~19	ENVELOPE	Min	0.	-3.3277	-0.5768	-0.3335
2314	2314-3	~20	ENVELOPE	Min	0.	-0.7597	-0.0904	-0.2968
2314	2314-3	1	ENVELOPE	Min	0.	-0.3904	-0.0951	-0.2968
2314	2314-4	~3	ENVELOPE	Max	0.	0.5206	3.7353	0.496
2314	2314-4	2043	ENVELOPE	Max	0.	0.8684	0.752	0.496
2314	2314-4	~21	ENVELOPE	Max	0.	4.5681	0.5522	0.2313
2314	2314-4	~18	ENVELOPE	Max	0.	3.5285	1.7606	0.2313
2314	2314-4	~3	ENVELOPE	Min	0.	0.0291	0.9759	-0.3514
2314	2314-4	2043	ENVELOPE	Min	0.	-0.2521	0.3665	-0.3514
2314	2314-4	~21	ENVELOPE	Min	0.	-3.2373	-0.3048	-0.6026
2314	2314-4	~18	ENVELOPE	Min	0.	-5.1445	-3.434	-0.6026
2314	2314-5	~18	ENVELOPE	Max	0.	3.5441	1.8388	-0.0139
2314	2314-5	~21	ENVELOPE	Max	0.	4.5483	0.453	-0.0139
2314	2314-5	~22	ENVELOPE	Max	0.	3.3404	0.6402	0.3316
2314	2314-5	~19	ENVELOPE	Max	0.	1.9359	0.1306	0.3316
2314	2314-5	~18	ENVELOPE	Min	0.	-5.1021	-3.2219	-0.081

Table: Element Forces - Area Shells, Part 3 of 5

Area	AreaElem	Joint	OutputCase	StepType	FVM	M11	M22	M12
					KN/m	KN-m/m	KN-m/m	KN-m/m
2314	2314-5	~21	ENVELOPE	Min	0.	-3.2573	-0.4048	-0.081
2314	2314-5	~22	ENVELOPE	Min	0.	-2.0067	-0.4849	-0.2421
2314	2314-5	~19	ENVELOPE	Min	0.	-3.3058	-0.4674	-0.2421
2314	2314-6	~19	ENVELOPE	Max	0.	1.9444	0.1733	0.3335
2314	2314-6	~22	ENVELOPE	Max	0.	3.3425	0.6509	0.3335
2314	2314-6	2	ENVELOPE	Max	0.	0.7738	0.1609	0.2968
2314	2314-6	~20	ENVELOPE	Max	0.	0.3828	0.0571	0.2968
2314	2314-6	~19	ENVELOPE	Min	0.	-3.3277	-0.5768	-0.2138
2314	2314-6	~22	ENVELOPE	Min	0.	-2.0024	-0.4633	-0.2138
2314	2314-6	2	ENVELOPE	Min	0.	-0.3904	-0.0951	-0.1786
2314	2314-6	~20	ENVELOPE	Min	0.	-0.7597	-0.0904	-0.1786
2414	2414-1	4	ENVELOPE	Max	0.	0.7738	0.1609	0.2968
2414	2414-1	~23	ENVELOPE	Max	0.	0.3828	0.0571	0.2968
2414	2414-1	~24	ENVELOPE	Max	0.	1.9444	0.1733	0.3335
2414	2414-1	~16	ENVELOPE	Max	0.	3.3425	0.6509	0.3335
2414	2414-1	4	ENVELOPE	Min	0.	-0.3904	-0.0951	-0.1786
2414	2414-1	~23	ENVELOPE	Min	0.	-0.7597	-0.0904	-0.1786
2414	2414-1	~24	ENVELOPE	Min	0.	-3.3277	-0.5768	-0.2138
2414	2414-1	~16	ENVELOPE	Min	0.	-2.0024	-0.4633	-0.2138
2414	2414-2	~16	ENVELOPE	Max	0.	3.3404	0.6402	0.3316
2414	2414-2	~24	ENVELOPE	Max	0.	1.9359	0.1306	0.3316
2414	2414-2	~25	ENVELOPE	Max	0.	3.5441	1.8388	-0.0139
2414	2414-2	~17	ENVELOPE	Max	0.	4.5483	0.453	-0.0139
2414	2414-2	~16	ENVELOPE	Min	0.	-2.0067	-0.4849	-0.2421
2414	2414-2	~24	ENVELOPE	Min	0.	-3.3058	-0.4674	-0.2421
2414	2414-2	~25	ENVELOPE	Min	0.	-5.1021	-3.2219	-0.081
2414	2414-2	~17	ENVELOPE	Min	0.	-3.2573	-0.4048	-0.081
2414	2414-3	~17	ENVELOPE	Max	0.	4.5681	0.5522	0.2313
2414	2414-3	~25	ENVELOPE	Max	0.	3.5285	1.7606	0.2313
2414	2414-3	~4	ENVELOPE	Max	0.	0.5206	3.7353	0.496
2414	2414-3	2044	ENVELOPE	Max	0.	0.8684	0.752	0.496
2414	2414-3	~17	ENVELOPE	Min	0.	-3.2373	-0.3048	-0.6026
2414	2414-3	~25	ENVELOPE	Min	0.	-5.1445	-3.434	-0.6026
2414	2414-3	~4	ENVELOPE	Min	0.	0.0291	0.9759	-0.3514
2414	2414-3	2044	ENVELOPE	Min	0.	-0.2521	0.3665	-0.3514
2414	2414-4	~23	ENVELOPE	Max	0.	0.3828	0.0571	0.1786
2414	2414-4	2	ENVELOPE	Max	0.	0.7738	0.1609	0.1786
2414	2414-4	~22	ENVELOPE	Max	0.	3.3425	0.6509	0.2138
2414	2414-4	~24	ENVELOPE	Max	0.	1.9444	0.1733	0.2138
2414	2414-4	~23	ENVELOPE	Min	0.	-0.7597	-0.0904	-0.2968
2414	2414-4	2	ENVELOPE	Min	0.	-0.3904	-0.0951	-0.2968
2414	2414-4	~22	ENVELOPE	Min	0.	-2.0024	-0.4633	-0.3335
2414	2414-4	~24	ENVELOPE	Min	0.	-3.3277	-0.5768	-0.3335
2414	2414-5	~24	ENVELOPE	Max	0.	1.9359	0.1306	0.2421
2414	2414-5	~22	ENVELOPE	Max	0.	3.3404	0.6402	0.2421
2414	2414-5	~21	ENVELOPE	Max	0.	4.5483	0.453	0.081
2414	2414-5	~25	ENVELOPE	Max	0.	3.5441	1.8388	0.081
2414	2414-5	~24	ENVELOPE	Min	0.	-3.3058	-0.4674	-0.3316
2414	2414-5	~22	ENVELOPE	Min	0.	-2.0067	-0.4849	-0.3316
2414	2414-5	~21	ENVELOPE	Min	0.	-3.2573	-0.4048	0.0139
2414	2414-5	~25	ENVELOPE	Min	0.	-5.1021	-3.2219	0.0139
2414	2414-6	~25	ENVELOPE	Max	0.	3.5285	1.7606	0.6026
2414	2414-6	~21	ENVELOPE	Max	0.	4.5681	0.5522	0.6026
2414	2414-6	2043	ENVELOPE	Max	0.	0.8684	0.752	0.3514
2414	2414-6	~4	ENVELOPE	Max	0.	0.5206	3.7353	0.3514

Table: Element Forces - Area Shells, Part 3 of 5

Area	AreaElem	Joint	OutputCase	StepType	FVM	M11	M22	M12
					KN/m	KN-m/m	KN-m/m	KN-m/m
2414	2414-6	~25	ENVELOPE	Min	0.	-5.1445	-3.434	-0.2313
2414	2414-6	~21	ENVELOPE	Min	0.	-3.2373	-0.3048	-0.2313
2414	2414-6	2043	ENVELOPE	Min	0.	-0.2521	0.3665	-0.496
2414	2414-6	~4	ENVELOPE	Min	0.	0.0291	0.9759	-0.496

Table: Element Forces - Area Shells, Part 4 of 5

Area	AreaElem	Joint	OutputCase	StepType	MMax	MMin	MAngle	V13
					KN-m/m	KN-m/m	Degrees	KN/m
2012	2012-1	2042	ENVELOPE	Max	0.	0.	0.	1.89
2012	2012-1	~1	ENVELOPE	Max	0.	0.	0.	12.72
2012	2012-1	~2	ENVELOPE	Max	0.	0.	0.	12.72
2012	2012-1	~3	ENVELOPE	Max	0.	0.	0.	1.89
2012	2012-1	2042	ENVELOPE	Min	0.	0.	0.	0.88
2012	2012-1	~1	ENVELOPE	Min	0.	0.	0.	11.72
2012	2012-1	~2	ENVELOPE	Min	0.	0.	0.	11.72
2012	2012-1	~3	ENVELOPE	Min	0.	0.	0.	0.88
2012	2012-2	~3	ENVELOPE	Max	0.	0.	0.	-0.88
2012	2012-2	~2	ENVELOPE	Max	0.	0.	0.	-11.72
2012	2012-2	~4	ENVELOPE	Max	0.	0.	0.	-11.72
2012	2012-2	2043	ENVELOPE	Max	0.	0.	0.	-0.88
2012	2012-2	~3	ENVELOPE	Min	0.	0.	0.	-1.89
2012	2012-2	~2	ENVELOPE	Min	0.	0.	0.	-12.72
2012	2012-2	~4	ENVELOPE	Min	0.	0.	0.	-12.72
2012	2012-2	2043	ENVELOPE	Min	0.	0.	0.	-1.89
2012	2012-3	~1	ENVELOPE	Max	0.	0.	0.	12.72
2012	2012-3	2045	ENVELOPE	Max	0.	0.	0.	1.89
2012	2012-3	~5	ENVELOPE	Max	0.	0.	0.	1.89
2012	2012-3	~2	ENVELOPE	Max	0.	0.	0.	12.72
2012	2012-3	~1	ENVELOPE	Min	0.	0.	0.	11.72
2012	2012-3	2045	ENVELOPE	Min	0.	0.	0.	0.88
2012	2012-3	~5	ENVELOPE	Min	0.	0.	0.	0.88
2012	2012-3	~2	ENVELOPE	Min	0.	0.	0.	11.72
2012	2012-4	~2	ENVELOPE	Max	0.	0.	0.	-11.72
2012	2012-4	~5	ENVELOPE	Max	0.	0.	0.	-0.88
2012	2012-4	2044	ENVELOPE	Max	0.	0.	0.	-0.88
2012	2012-4	~4	ENVELOPE	Max	0.	0.	0.	-11.72
2012	2012-4	~2	ENVELOPE	Min	0.	0.	0.	-12.72
2012	2012-4	~5	ENVELOPE	Min	0.	0.	0.	-1.89
2012	2012-4	2044	ENVELOPE	Min	0.	0.	0.	-1.89
2012	2012-4	~4	ENVELOPE	Min	0.	0.	0.	-12.72
2114	2114-1	1	ENVELOPE	Max	0.	0.	0.	0.99
2114	2114-1	~6	ENVELOPE	Max	0.	0.	0.	0.99
2114	2114-1	~7	ENVELOPE	Max	0.	0.	0.	5.22
2114	2114-1	~8	ENVELOPE	Max	0.	0.	0.	5.22
2114	2114-1	1	ENVELOPE	Min	0.	0.	0.	-2.
2114	2114-1	~6	ENVELOPE	Min	0.	0.	0.	-2.
2114	2114-1	~7	ENVELOPE	Min	0.	0.	0.	-8.85
2114	2114-1	~8	ENVELOPE	Min	0.	0.	0.	-8.85
2114	2114-2	~8	ENVELOPE	Max	0.	0.	0.	5.45
2114	2114-2	~7	ENVELOPE	Max	0.	0.	0.	5.45
2114	2114-2	~9	ENVELOPE	Max	0.	0.	0.	9.27
2114	2114-2	~10	ENVELOPE	Max	0.	0.	0.	9.27
2114	2114-2	~8	ENVELOPE	Min	0.	0.	0.	-9.28
2114	2114-2	~7	ENVELOPE	Min	0.	0.	0.	-9.28

Table: Element Forces - Area Shells, Part 4 of 5

Area	AreaElem	Joint	OutputCase	StepType	MMax	MMin	MAngle	V13
					KN-m/m	KN-m/m	Degrees	KN/m
2114	2114-2	~9	ENVELOPE	Min	0.	0.	0.	-13.29
2114	2114-2	~10	ENVELOPE	Min	0.	0.	0.	-13.29
2114	2114-3	~10	ENVELOPE	Max	0.	0.	0.	9.35
2114	2114-3	~9	ENVELOPE	Max	0.	0.	0.	9.35
2114	2114-3	~1	ENVELOPE	Max	0.	0.	0.	1.35
2114	2114-3	2042	ENVELOPE	Max	0.	0.	0.	1.35
2114	2114-3	~10	ENVELOPE	Min	0.	0.	0.	-12.64
2114	2114-3	~9	ENVELOPE	Min	0.	0.	0.	-12.64
2114	2114-3	~1	ENVELOPE	Min	0.	0.	0.	-0.81
2114	2114-3	2042	ENVELOPE	Min	0.	0.	0.	-0.81
2114	2114-4	~6	ENVELOPE	Max	0.	0.	0.	2.
2114	2114-4	3	ENVELOPE	Max	0.	0.	0.	2.
2114	2114-4	~11	ENVELOPE	Max	0.	0.	0.	8.85
2114	2114-4	~7	ENVELOPE	Max	0.	0.	0.	8.85
2114	2114-4	~6	ENVELOPE	Min	0.	0.	0.	-0.99
2114	2114-4	3	ENVELOPE	Min	0.	0.	0.	-0.99
2114	2114-4	~11	ENVELOPE	Min	0.	0.	0.	-5.22
2114	2114-4	~7	ENVELOPE	Min	0.	0.	0.	-5.22
2114	2114-5	~7	ENVELOPE	Max	0.	0.	0.	9.28
2114	2114-5	~11	ENVELOPE	Max	0.	0.	0.	9.28
2114	2114-5	~12	ENVELOPE	Max	0.	0.	0.	13.29
2114	2114-5	~9	ENVELOPE	Max	0.	0.	0.	13.29
2114	2114-5	~7	ENVELOPE	Min	0.	0.	0.	-5.45
2114	2114-5	~11	ENVELOPE	Min	0.	0.	0.	-5.45
2114	2114-5	~12	ENVELOPE	Min	0.	0.	0.	-9.27
2114	2114-5	~9	ENVELOPE	Min	0.	0.	0.	-9.27
2114	2114-6	~9	ENVELOPE	Max	0.	0.	0.	12.64
2114	2114-6	~12	ENVELOPE	Max	0.	0.	0.	12.64
2114	2114-6	2045	ENVELOPE	Max	0.	0.	0.	0.81
2114	2114-6	~1	ENVELOPE	Max	0.	0.	0.	0.81
2114	2114-6	~9	ENVELOPE	Min	0.	0.	0.	-9.35
2114	2114-6	~12	ENVELOPE	Min	0.	0.	0.	-9.35
2114	2114-6	2045	ENVELOPE	Min	0.	0.	0.	-1.35
2114	2114-6	~1	ENVELOPE	Min	0.	0.	0.	-1.35
2214	2214-1	3	ENVELOPE	Max	0.	0.	0.	0.99
2214	2214-1	~13	ENVELOPE	Max	0.	0.	0.	0.99
2214	2214-1	~14	ENVELOPE	Max	0.	0.	0.	5.22
2214	2214-1	~11	ENVELOPE	Max	0.	0.	0.	5.22
2214	2214-1	3	ENVELOPE	Min	0.	0.	0.	-2.
2214	2214-1	~13	ENVELOPE	Min	0.	0.	0.	-2.
2214	2214-1	~14	ENVELOPE	Min	0.	0.	0.	-8.85
2214	2214-1	~11	ENVELOPE	Min	0.	0.	0.	-8.85
2214	2214-2	~11	ENVELOPE	Max	0.	0.	0.	5.45
2214	2214-2	~14	ENVELOPE	Max	0.	0.	0.	5.45
2214	2214-2	~15	ENVELOPE	Max	0.	0.	0.	9.27
2214	2214-2	~12	ENVELOPE	Max	0.	0.	0.	9.27
2214	2214-2	~11	ENVELOPE	Min	0.	0.	0.	-9.28
2214	2214-2	~14	ENVELOPE	Min	0.	0.	0.	-9.28
2214	2214-2	~15	ENVELOPE	Min	0.	0.	0.	-13.29
2214	2214-2	~12	ENVELOPE	Min	0.	0.	0.	-13.29
2214	2214-3	~12	ENVELOPE	Max	0.	0.	0.	9.35
2214	2214-3	~15	ENVELOPE	Max	0.	0.	0.	9.35
2214	2214-3	~5	ENVELOPE	Max	0.	0.	0.	1.35
2214	2214-3	2045	ENVELOPE	Max	0.	0.	0.	1.35
2214	2214-3	~12	ENVELOPE	Min	0.	0.	0.	-12.64

Table: Element Forces - Area Shells, Part 4 of 5

Area	AreaElem	Joint	OutputCase	StepType	MMax	MMin	MAngle	V13
					KN-m/m	KN-m/m	Degrees	KN/m
2214	2214-3	~15	ENVELOPE	Min	0.	0.	0.	-12.64
2214	2214-3	~5	ENVELOPE	Min	0.	0.	0.	-0.81
2214	2214-3	2045	ENVELOPE	Min	0.	0.	0.	-0.81
2214	2214-4	~13	ENVELOPE	Max	0.	0.	0.	2.
2214	2214-4	4	ENVELOPE	Max	0.	0.	0.	2.
2214	2214-4	~16	ENVELOPE	Max	0.	0.	0.	8.85
2214	2214-4	~14	ENVELOPE	Max	0.	0.	0.	8.85
2214	2214-4	~13	ENVELOPE	Min	0.	0.	0.	-0.99
2214	2214-4	4	ENVELOPE	Min	0.	0.	0.	-0.99
2214	2214-4	~16	ENVELOPE	Min	0.	0.	0.	-5.22
2214	2214-4	~14	ENVELOPE	Min	0.	0.	0.	-5.22
2214	2214-5	~14	ENVELOPE	Max	0.	0.	0.	9.28
2214	2214-5	~16	ENVELOPE	Max	0.	0.	0.	9.28
2214	2214-5	~17	ENVELOPE	Max	0.	0.	0.	13.29
2214	2214-5	~15	ENVELOPE	Max	0.	0.	0.	13.29
2214	2214-5	~14	ENVELOPE	Min	0.	0.	0.	-5.45
2214	2214-5	~16	ENVELOPE	Min	0.	0.	0.	-5.45
2214	2214-5	~17	ENVELOPE	Min	0.	0.	0.	-9.27
2214	2214-5	~15	ENVELOPE	Min	0.	0.	0.	-9.27
2214	2214-6	~15	ENVELOPE	Max	0.	0.	0.	12.64
2214	2214-6	~17	ENVELOPE	Max	0.	0.	0.	12.64
2214	2214-6	2044	ENVELOPE	Max	0.	0.	0.	0.81
2214	2214-6	~5	ENVELOPE	Max	0.	0.	0.	0.81
2214	2214-6	~15	ENVELOPE	Min	0.	0.	0.	-9.35
2214	2214-6	~17	ENVELOPE	Min	0.	0.	0.	-9.35
2214	2214-6	2044	ENVELOPE	Min	0.	0.	0.	-1.35
2214	2214-6	~5	ENVELOPE	Min	0.	0.	0.	-1.35
2314	2314-1	2042	ENVELOPE	Max	0.	0.	0.	0.81
2314	2314-1	~3	ENVELOPE	Max	0.	0.	0.	0.81
2314	2314-1	~18	ENVELOPE	Max	0.	0.	0.	12.64
2314	2314-1	~10	ENVELOPE	Max	0.	0.	0.	12.64
2314	2314-1	2042	ENVELOPE	Min	0.	0.	0.	-1.35
2314	2314-1	~3	ENVELOPE	Min	0.	0.	0.	-1.35
2314	2314-1	~18	ENVELOPE	Min	0.	0.	0.	-9.35
2314	2314-1	~10	ENVELOPE	Min	0.	0.	0.	-9.35
2314	2314-2	~10	ENVELOPE	Max	0.	0.	0.	13.29
2314	2314-2	~18	ENVELOPE	Max	0.	0.	0.	13.29
2314	2314-2	~19	ENVELOPE	Max	0.	0.	0.	9.28
2314	2314-2	~8	ENVELOPE	Max	0.	0.	0.	9.28
2314	2314-2	~10	ENVELOPE	Min	0.	0.	0.	-9.27
2314	2314-2	~18	ENVELOPE	Min	0.	0.	0.	-9.27
2314	2314-2	~19	ENVELOPE	Min	0.	0.	0.	-5.45
2314	2314-2	~8	ENVELOPE	Min	0.	0.	0.	-5.45
2314	2314-3	~8	ENVELOPE	Max	0.	0.	0.	8.85
2314	2314-3	~19	ENVELOPE	Max	0.	0.	0.	8.85
2314	2314-3	~20	ENVELOPE	Max	0.	0.	0.	2.
2314	2314-3	1	ENVELOPE	Max	0.	0.	0.	2.
2314	2314-3	~8	ENVELOPE	Min	0.	0.	0.	-5.22
2314	2314-3	~19	ENVELOPE	Min	0.	0.	0.	-5.22
2314	2314-3	~20	ENVELOPE	Min	0.	0.	0.	-0.99
2314	2314-3	1	ENVELOPE	Min	0.	0.	0.	-0.99
2314	2314-4	~3	ENVELOPE	Max	0.	0.	0.	1.35
2314	2314-4	2043	ENVELOPE	Max	0.	0.	0.	1.35
2314	2314-4	~21	ENVELOPE	Max	0.	0.	0.	9.35
2314	2314-4	~18	ENVELOPE	Max	0.	0.	0.	9.35

Table: Element Forces - Area Shells, Part 4 of 5

Area	AreaElem	Joint	OutputCase	StepType	MMax	MMin	MAngle	V13
					KN-m/m	KN-m/m	Degrees	KN/m
2314	2314-4	~3	ENVELOPE	Min	0.	0.	0.	-0.81
2314	2314-4	2043	ENVELOPE	Min	0.	0.	0.	-0.81
2314	2314-4	~21	ENVELOPE	Min	0.	0.	0.	-12.64
2314	2314-4	~18	ENVELOPE	Min	0.	0.	0.	-12.64
2314	2314-5	~18	ENVELOPE	Max	0.	0.	0.	9.27
2314	2314-5	~21	ENVELOPE	Max	0.	0.	0.	9.27
2314	2314-5	~22	ENVELOPE	Max	0.	0.	0.	5.45
2314	2314-5	~19	ENVELOPE	Max	0.	0.	0.	5.45
2314	2314-5	~18	ENVELOPE	Min	0.	0.	0.	-13.29
2314	2314-5	~21	ENVELOPE	Min	0.	0.	0.	-13.29
2314	2314-5	~22	ENVELOPE	Min	0.	0.	0.	-9.28
2314	2314-5	~19	ENVELOPE	Min	0.	0.	0.	-9.28
2314	2314-6	~19	ENVELOPE	Max	0.	0.	0.	5.22
2314	2314-6	~22	ENVELOPE	Max	0.	0.	0.	5.22
2314	2314-6	2	ENVELOPE	Max	0.	0.	0.	0.99
2314	2314-6	~20	ENVELOPE	Max	0.	0.	0.	0.99
2314	2314-6	~19	ENVELOPE	Min	0.	0.	0.	-8.85
2314	2314-6	~22	ENVELOPE	Min	0.	0.	0.	-8.85
2314	2314-6	2	ENVELOPE	Min	0.	0.	0.	-2.
2314	2314-6	~20	ENVELOPE	Min	0.	0.	0.	-2.
2414	2414-1	4	ENVELOPE	Max	0.	0.	0.	0.99
2414	2414-1	~23	ENVELOPE	Max	0.	0.	0.	0.99
2414	2414-1	~24	ENVELOPE	Max	0.	0.	0.	5.22
2414	2414-1	~16	ENVELOPE	Max	0.	0.	0.	5.22
2414	2414-1	4	ENVELOPE	Min	0.	0.	0.	-2.
2414	2414-1	~23	ENVELOPE	Min	0.	0.	0.	-2.
2414	2414-1	~24	ENVELOPE	Min	0.	0.	0.	-8.85
2414	2414-1	~16	ENVELOPE	Min	0.	0.	0.	-8.85
2414	2414-2	~16	ENVELOPE	Max	0.	0.	0.	5.45
2414	2414-2	~24	ENVELOPE	Max	0.	0.	0.	5.45
2414	2414-2	~25	ENVELOPE	Max	0.	0.	0.	9.27
2414	2414-2	~17	ENVELOPE	Max	0.	0.	0.	9.27
2414	2414-2	~16	ENVELOPE	Min	0.	0.	0.	-9.28
2414	2414-2	~24	ENVELOPE	Min	0.	0.	0.	-9.28
2414	2414-2	~25	ENVELOPE	Min	0.	0.	0.	-13.29
2414	2414-2	~17	ENVELOPE	Min	0.	0.	0.	-13.29
2414	2414-3	~17	ENVELOPE	Max	0.	0.	0.	9.35
2414	2414-3	~25	ENVELOPE	Max	0.	0.	0.	9.35
2414	2414-3	~4	ENVELOPE	Max	0.	0.	0.	1.35
2414	2414-3	2044	ENVELOPE	Max	0.	0.	0.	1.35
2414	2414-3	~17	ENVELOPE	Min	0.	0.	0.	-12.64
2414	2414-3	~25	ENVELOPE	Min	0.	0.	0.	-12.64
2414	2414-3	~4	ENVELOPE	Min	0.	0.	0.	-0.81
2414	2414-3	2044	ENVELOPE	Min	0.	0.	0.	-0.81
2414	2414-4	~23	ENVELOPE	Max	0.	0.	0.	2.
2414	2414-4	2	ENVELOPE	Max	0.	0.	0.	2.
2414	2414-4	~22	ENVELOPE	Max	0.	0.	0.	8.85
2414	2414-4	~24	ENVELOPE	Max	0.	0.	0.	8.85
2414	2414-4	~23	ENVELOPE	Min	0.	0.	0.	-0.99
2414	2414-4	2	ENVELOPE	Min	0.	0.	0.	-0.99
2414	2414-4	~22	ENVELOPE	Min	0.	0.	0.	-5.22
2414	2414-4	~24	ENVELOPE	Min	0.	0.	0.	-5.22
2414	2414-5	~24	ENVELOPE	Max	0.	0.	0.	9.28
2414	2414-5	~22	ENVELOPE	Max	0.	0.	0.	9.28
2414	2414-5	~21	ENVELOPE	Max	0.	0.	0.	13.29

Table: Element Forces - Area Shells, Part 4 of 5

Area	AreaElem	Joint	OutputCase	StepType	MMax	MMin	MAngle	V13
					KN-m/m	KN-m/m	Degrees	KN/m
2414	2414-5	~25	ENVELOPE	Max	0.	0.	0.	13.29
2414	2414-5	~24	ENVELOPE	Min	0.	0.	0.	-5.45
2414	2414-5	~22	ENVELOPE	Min	0.	0.	0.	-5.45
2414	2414-5	~21	ENVELOPE	Min	0.	0.	0.	-9.27
2414	2414-5	~25	ENVELOPE	Min	0.	0.	0.	-9.27
2414	2414-6	~25	ENVELOPE	Max	0.	0.	0.	12.64
2414	2414-6	~21	ENVELOPE	Max	0.	0.	0.	12.64
2414	2414-6	2043	ENVELOPE	Max	0.	0.	0.	0.81
2414	2414-6	~4	ENVELOPE	Max	0.	0.	0.	0.81
2414	2414-6	~25	ENVELOPE	Min	0.	0.	0.	-9.35
2414	2414-6	~21	ENVELOPE	Min	0.	0.	0.	-9.35
2414	2414-6	2043	ENVELOPE	Min	0.	0.	0.	-1.35
2414	2414-6	~4	ENVELOPE	Min	0.	0.	0.	-1.35

Table: Element Forces - Area Shells, Part 5 of 5

Area	AreaElem	Joint	OutputCase	StepType	V23	VMax	VAngle
					KN/m	KN/m	Degrees
2012	2012-1	2042	ENVELOPE	Max	-0.88	0.	0.
2012	2012-1	~1	ENVELOPE	Max	-0.88	0.	0.
2012	2012-1	~2	ENVELOPE	Max	-11.72	0.	0.
2012	2012-1	~3	ENVELOPE	Max	-11.72	0.	0.
2012	2012-1	2042	ENVELOPE	Min	-1.89	0.	0.
2012	2012-1	~1	ENVELOPE	Min	-1.89	0.	0.
2012	2012-1	~2	ENVELOPE	Min	-12.72	0.	0.
2012	2012-1	~3	ENVELOPE	Min	-12.72	0.	0.
2012	2012-2	~3	ENVELOPE	Max	-11.72	0.	0.
2012	2012-2	~2	ENVELOPE	Max	-11.72	0.	0.
2012	2012-2	~4	ENVELOPE	Max	-0.88	0.	0.
2012	2012-2	2043	ENVELOPE	Max	-0.88	0.	0.
2012	2012-2	~3	ENVELOPE	Min	-12.72	0.	0.
2012	2012-2	~2	ENVELOPE	Min	-12.72	0.	0.
2012	2012-2	~4	ENVELOPE	Min	-1.89	0.	0.
2012	2012-2	2043	ENVELOPE	Min	-1.89	0.	0.
2012	2012-3	~1	ENVELOPE	Max	1.89	0.	0.
2012	2012-3	2045	ENVELOPE	Max	1.89	0.	0.
2012	2012-3	~5	ENVELOPE	Max	12.72	0.	0.
2012	2012-3	~2	ENVELOPE	Max	12.72	0.	0.
2012	2012-3	~1	ENVELOPE	Min	0.88	0.	0.
2012	2012-3	2045	ENVELOPE	Min	0.88	0.	0.
2012	2012-3	~5	ENVELOPE	Min	11.72	0.	0.
2012	2012-3	~2	ENVELOPE	Min	11.72	0.	0.
2012	2012-4	~2	ENVELOPE	Max	12.72	0.	0.
2012	2012-4	~5	ENVELOPE	Max	12.72	0.	0.
2012	2012-4	2044	ENVELOPE	Max	1.89	0.	0.
2012	2012-4	~4	ENVELOPE	Max	1.89	0.	0.
2012	2012-4	~2	ENVELOPE	Min	11.72	0.	0.
2012	2012-4	~5	ENVELOPE	Min	11.72	0.	0.
2012	2012-4	2044	ENVELOPE	Min	0.88	0.	0.
2012	2012-4	~4	ENVELOPE	Min	0.88	0.	0.
2114	2114-1	1	ENVELOPE	Max	0.6	0.	0.
2114	2114-1	~6	ENVELOPE	Max	0.14	0.	0.
2114	2114-1	~7	ENVELOPE	Max	0.14	0.	0.
2114	2114-1	~8	ENVELOPE	Max	0.6	0.	0.
2114	2114-1	1	ENVELOPE	Min	-0.45	0.	0.

Table: Element Forces - Area Shells, Part 5 of 5

Area	AreaElem	Joint	OutputCase	StepType	V23	VMax	VAngle
					KN/m	KN/m	Degrees
2114	2114-1	~6	ENVELOPE	Min	-0.6	0.	0.
2114	2114-1	~7	ENVELOPE	Min	-0.6	0.	0.
2114	2114-1	~8	ENVELOPE	Min	-0.45	0.	0.
2114	2114-2	~8	ENVELOPE	Max	9.803E-02	0.	0.
2114	2114-2	~7	ENVELOPE	Max	2.09	0.	0.
2114	2114-2	~9	ENVELOPE	Max	2.09	0.	0.
2114	2114-2	~10	ENVELOPE	Max	9.803E-02	0.	0.
2114	2114-2	~8	ENVELOPE	Min	-0.23	0.	0.
2114	2114-2	~7	ENVELOPE	Min	-3.37	0.	0.
2114	2114-2	~9	ENVELOPE	Min	-3.37	0.	0.
2114	2114-2	~10	ENVELOPE	Min	-0.23	0.	0.
2114	2114-3	~10	ENVELOPE	Max	0.82	0.	0.
2114	2114-3	~9	ENVELOPE	Max	8.78	0.	0.
2114	2114-3	~1	ENVELOPE	Max	8.78	0.	0.
2114	2114-3	2042	ENVELOPE	Max	0.82	0.	0.
2114	2114-3	~10	ENVELOPE	Min	0.24	0.	0.
2114	2114-3	~9	ENVELOPE	Min	-0.96	0.	0.
2114	2114-3	~1	ENVELOPE	Min	-0.96	0.	0.
2114	2114-3	2042	ENVELOPE	Min	0.24	0.	0.
2114	2114-4	~6	ENVELOPE	Max	0.14	0.	0.
2114	2114-4	3	ENVELOPE	Max	0.6	0.	0.
2114	2114-4	~11	ENVELOPE	Max	0.6	0.	0.
2114	2114-4	~7	ENVELOPE	Max	0.14	0.	0.
2114	2114-4	~6	ENVELOPE	Min	-0.6	0.	0.
2114	2114-4	3	ENVELOPE	Min	-0.45	0.	0.
2114	2114-4	~11	ENVELOPE	Min	-0.45	0.	0.
2114	2114-4	~7	ENVELOPE	Min	-0.6	0.	0.
2114	2114-5	~7	ENVELOPE	Max	2.09	0.	0.
2114	2114-5	~11	ENVELOPE	Max	9.803E-02	0.	0.
2114	2114-5	~12	ENVELOPE	Max	9.803E-02	0.	0.
2114	2114-5	~9	ENVELOPE	Max	2.09	0.	0.
2114	2114-5	~7	ENVELOPE	Min	-3.37	0.	0.
2114	2114-5	~11	ENVELOPE	Min	-0.23	0.	0.
2114	2114-5	~12	ENVELOPE	Min	-0.23	0.	0.
2114	2114-5	~9	ENVELOPE	Min	-3.37	0.	0.
2114	2114-6	~9	ENVELOPE	Max	8.78	0.	0.
2114	2114-6	~12	ENVELOPE	Max	0.82	0.	0.
2114	2114-6	2045	ENVELOPE	Max	0.82	0.	0.
2114	2114-6	~1	ENVELOPE	Max	8.78	0.	0.
2114	2114-6	~9	ENVELOPE	Min	-0.96	0.	0.
2114	2114-6	~12	ENVELOPE	Min	0.24	0.	0.
2114	2114-6	2045	ENVELOPE	Min	0.24	0.	0.
2114	2114-6	~1	ENVELOPE	Min	-0.96	0.	0.
2214	2214-1	3	ENVELOPE	Max	0.6	0.	0.
2214	2214-1	~13	ENVELOPE	Max	0.14	0.	0.
2214	2214-1	~14	ENVELOPE	Max	0.14	0.	0.
2214	2214-1	~11	ENVELOPE	Max	0.6	0.	0.
2214	2214-1	3	ENVELOPE	Min	-0.45	0.	0.
2214	2214-1	~13	ENVELOPE	Min	-0.6	0.	0.
2214	2214-1	~14	ENVELOPE	Min	-0.6	0.	0.
2214	2214-1	~11	ENVELOPE	Min	-0.45	0.	0.
2214	2214-2	~11	ENVELOPE	Max	9.803E-02	0.	0.
2214	2214-2	~14	ENVELOPE	Max	2.09	0.	0.
2214	2214-2	~15	ENVELOPE	Max	2.09	0.	0.
2214	2214-2	~12	ENVELOPE	Max	9.803E-02	0.	0.

Table: Element Forces - Area Shells, Part 5 of 5

Area	AreaElem	Joint	OutputCase	StepType	V23 KN/m	VMax KN/m	VAngle Degrees
2214	2214-2	~11	ENVELOPE	Min	-0.23	0.	0.
2214	2214-2	~14	ENVELOPE	Min	-3.37	0.	0.
2214	2214-2	~15	ENVELOPE	Min	-3.37	0.	0.
2214	2214-2	~12	ENVELOPE	Min	-0.23	0.	0.
2214	2214-3	~12	ENVELOPE	Max	0.82	0.	0.
2214	2214-3	~15	ENVELOPE	Max	8.78	0.	0.
2214	2214-3	~5	ENVELOPE	Max	8.78	0.	0.
2214	2214-3	2045	ENVELOPE	Max	0.82	0.	0.
2214	2214-3	~12	ENVELOPE	Min	0.24	0.	0.
2214	2214-3	~15	ENVELOPE	Min	-0.96	0.	0.
2214	2214-3	~5	ENVELOPE	Min	-0.96	0.	0.
2214	2214-3	2045	ENVELOPE	Min	0.24	0.	0.
2214	2214-4	~13	ENVELOPE	Max	0.14	0.	0.
2214	2214-4	4	ENVELOPE	Max	0.6	0.	0.
2214	2214-4	~16	ENVELOPE	Max	0.6	0.	0.
2214	2214-4	~14	ENVELOPE	Max	0.14	0.	0.
2214	2214-4	~13	ENVELOPE	Min	-0.6	0.	0.
2214	2214-4	4	ENVELOPE	Min	-0.45	0.	0.
2214	2214-4	~16	ENVELOPE	Min	-0.45	0.	0.
2214	2214-4	~14	ENVELOPE	Min	-0.6	0.	0.
2214	2214-5	~14	ENVELOPE	Max	2.09	0.	0.
2214	2214-5	~16	ENVELOPE	Max	9.803E-02	0.	0.
2214	2214-5	~17	ENVELOPE	Max	9.803E-02	0.	0.
2214	2214-5	~15	ENVELOPE	Max	2.09	0.	0.
2214	2214-5	~14	ENVELOPE	Min	-3.37	0.	0.
2214	2214-5	~16	ENVELOPE	Min	-0.23	0.	0.
2214	2214-5	~17	ENVELOPE	Min	-0.23	0.	0.
2214	2214-5	~15	ENVELOPE	Min	-3.37	0.	0.
2214	2214-6	~15	ENVELOPE	Max	8.78	0.	0.
2214	2214-6	~17	ENVELOPE	Max	0.82	0.	0.
2214	2214-6	2044	ENVELOPE	Max	0.82	0.	0.
2214	2214-6	~5	ENVELOPE	Max	8.78	0.	0.
2214	2214-6	~15	ENVELOPE	Min	-0.96	0.	0.
2214	2214-6	~17	ENVELOPE	Min	0.24	0.	0.
2214	2214-6	2044	ENVELOPE	Min	0.24	0.	0.
2214	2214-6	~5	ENVELOPE	Min	-0.96	0.	0.
2314	2314-1	2042	ENVELOPE	Max	0.82	0.	0.
2314	2314-1	~3	ENVELOPE	Max	8.78	0.	0.
2314	2314-1	~18	ENVELOPE	Max	8.78	0.	0.
2314	2314-1	~10	ENVELOPE	Max	0.82	0.	0.
2314	2314-1	2042	ENVELOPE	Min	0.24	0.	0.
2314	2314-1	~3	ENVELOPE	Min	-0.96	0.	0.
2314	2314-1	~18	ENVELOPE	Min	-0.96	0.	0.
2314	2314-1	~10	ENVELOPE	Min	0.24	0.	0.
2314	2314-2	~10	ENVELOPE	Max	9.803E-02	0.	0.
2314	2314-2	~18	ENVELOPE	Max	2.09	0.	0.
2314	2314-2	~19	ENVELOPE	Max	2.09	0.	0.
2314	2314-2	~8	ENVELOPE	Max	9.803E-02	0.	0.
2314	2314-2	~10	ENVELOPE	Min	-0.23	0.	0.
2314	2314-2	~18	ENVELOPE	Min	-3.37	0.	0.
2314	2314-2	~19	ENVELOPE	Min	-3.37	0.	0.
2314	2314-2	~8	ENVELOPE	Min	-0.23	0.	0.
2314	2314-3	~8	ENVELOPE	Max	0.6	0.	0.
2314	2314-3	~19	ENVELOPE	Max	0.14	0.	0.
2314	2314-3	~20	ENVELOPE	Max	0.14	0.	0.

Table: Element Forces - Area Shells, Part 5 of 5

Area	AreaElem	Joint	OutputCase	StepType	V23	VMax	VAngle
					KN/m	KN/m	Degrees
2314	2314-3	1	ENVELOPE	Max	0.6	0.	0.
2314	2314-3	~8	ENVELOPE	Min	-0.45	0.	0.
2314	2314-3	~19	ENVELOPE	Min	-0.6	0.	0.
2314	2314-3	~20	ENVELOPE	Min	-0.6	0.	0.
2314	2314-3	1	ENVELOPE	Min	-0.45	0.	0.
2314	2314-4	~3	ENVELOPE	Max	8.78	0.	0.
2314	2314-4	2043	ENVELOPE	Max	0.82	0.	0.
2314	2314-4	~21	ENVELOPE	Max	0.82	0.	0.
2314	2314-4	~18	ENVELOPE	Max	8.78	0.	0.
2314	2314-4	~3	ENVELOPE	Min	-0.96	0.	0.
2314	2314-4	2043	ENVELOPE	Min	0.24	0.	0.
2314	2314-4	~21	ENVELOPE	Min	0.24	0.	0.
2314	2314-4	~18	ENVELOPE	Min	-0.96	0.	0.
2314	2314-5	~18	ENVELOPE	Max	2.09	0.	0.
2314	2314-5	~21	ENVELOPE	Max	9.803E-02	0.	0.
2314	2314-5	~22	ENVELOPE	Max	9.803E-02	0.	0.
2314	2314-5	~19	ENVELOPE	Max	2.09	0.	0.
2314	2314-5	~18	ENVELOPE	Min	-3.37	0.	0.
2314	2314-5	~21	ENVELOPE	Min	-0.23	0.	0.
2314	2314-5	~22	ENVELOPE	Min	-0.23	0.	0.
2314	2314-5	~19	ENVELOPE	Min	-3.37	0.	0.
2314	2314-6	~19	ENVELOPE	Max	0.14	0.	0.
2314	2314-6	~22	ENVELOPE	Max	0.6	0.	0.
2314	2314-6	2	ENVELOPE	Max	0.6	0.	0.
2314	2314-6	~20	ENVELOPE	Max	0.14	0.	0.
2314	2314-6	~19	ENVELOPE	Min	-0.6	0.	0.
2314	2314-6	~22	ENVELOPE	Min	-0.45	0.	0.
2314	2314-6	2	ENVELOPE	Min	-0.45	0.	0.
2314	2314-6	~20	ENVELOPE	Min	-0.6	0.	0.
2414	2414-1	4	ENVELOPE	Max	0.6	0.	0.
2414	2414-1	~23	ENVELOPE	Max	0.14	0.	0.
2414	2414-1	~24	ENVELOPE	Max	0.14	0.	0.
2414	2414-1	~16	ENVELOPE	Max	0.6	0.	0.
2414	2414-1	4	ENVELOPE	Min	-0.45	0.	0.
2414	2414-1	~23	ENVELOPE	Min	-0.6	0.	0.
2414	2414-1	~24	ENVELOPE	Min	-0.6	0.	0.
2414	2414-1	~16	ENVELOPE	Min	-0.45	0.	0.
2414	2414-2	~16	ENVELOPE	Max	9.803E-02	0.	0.
2414	2414-2	~24	ENVELOPE	Max	2.09	0.	0.
2414	2414-2	~25	ENVELOPE	Max	2.09	0.	0.
2414	2414-2	~17	ENVELOPE	Max	9.803E-02	0.	0.
2414	2414-2	~16	ENVELOPE	Min	-0.23	0.	0.
2414	2414-2	~24	ENVELOPE	Min	-3.37	0.	0.
2414	2414-2	~25	ENVELOPE	Min	-3.37	0.	0.
2414	2414-2	~17	ENVELOPE	Min	-0.23	0.	0.
2414	2414-3	~17	ENVELOPE	Max	0.82	0.	0.
2414	2414-3	~25	ENVELOPE	Max	8.78	0.	0.
2414	2414-3	~4	ENVELOPE	Max	8.78	0.	0.
2414	2414-3	2044	ENVELOPE	Max	0.82	0.	0.
2414	2414-3	~17	ENVELOPE	Min	0.24	0.	0.
2414	2414-3	~25	ENVELOPE	Min	-0.96	0.	0.
2414	2414-3	~4	ENVELOPE	Min	-0.96	0.	0.
2414	2414-3	2044	ENVELOPE	Min	0.24	0.	0.
2414	2414-4	~23	ENVELOPE	Max	0.14	0.	0.
2414	2414-4	2	ENVELOPE	Max	0.6	0.	0.

Table: Element Forces - Area Shells, Part 5 of 5

Area	AreaElem	Joint	OutputCase	StepType	V23	VMax	VAngle
					KN/m	KN/m	Degrees
2414	2414-4	~22	ENVELOPE	Max	0.6	0.	0.
2414	2414-4	~24	ENVELOPE	Max	0.14	0.	0.
2414	2414-4	~23	ENVELOPE	Min	-0.6	0.	0.
2414	2414-4	2	ENVELOPE	Min	-0.45	0.	0.
2414	2414-4	~22	ENVELOPE	Min	-0.45	0.	0.
2414	2414-4	~24	ENVELOPE	Min	-0.6	0.	0.
2414	2414-5	~24	ENVELOPE	Max	2.09	0.	0.
2414	2414-5	~22	ENVELOPE	Max	9.803E-02	0.	0.
2414	2414-5	~21	ENVELOPE	Max	9.803E-02	0.	0.
2414	2414-5	~25	ENVELOPE	Max	2.09	0.	0.
2414	2414-5	~24	ENVELOPE	Min	-3.37	0.	0.
2414	2414-5	~22	ENVELOPE	Min	-0.23	0.	0.
2414	2414-5	~21	ENVELOPE	Min	-0.23	0.	0.
2414	2414-5	~25	ENVELOPE	Min	-3.37	0.	0.
2414	2414-6	~25	ENVELOPE	Max	8.78	0.	0.
2414	2414-6	~21	ENVELOPE	Max	0.82	0.	0.
2414	2414-6	2043	ENVELOPE	Max	0.82	0.	0.
2414	2414-6	~4	ENVELOPE	Max	8.78	0.	0.
2414	2414-6	~25	ENVELOPE	Min	-0.96	0.	0.
2414	2414-6	~21	ENVELOPE	Min	0.24	0.	0.
2414	2414-6	2043	ENVELOPE	Min	0.24	0.	0.
2414	2414-6	~4	ENVELOPE	Min	-0.96	0.	0.

Table: Base Reactions, Part 1 of 3

OutputCase	CaseType	StepType	GlobalFX	GlobalFY	GlobalFZ	GlobalMX	GlobalMY	GlobalMZ
			KN	KN	KN	KN-m	KN-m	KN-m
ENVELOPE	Combination	Max	-1.771E-12	-6.561E-13	280.082	210.0612	-48.0612	8.868E-12
ENVELOPE	Combination	Min	-4.593E-12	-5.474E-12	64.082	48.0612	-210.0612	3.048E-12

Table: Base Reactions, Part 2 of 3

OutputCase	StepType	Global X	GlobalY	GlobalZ	XCentroidFX	YCentroidFX	ZCentroidFX	XCentroidFY
		m	m	m	m	m	m	m
ENVELOPE	Max	0.	0.	0.	0.	0.	0.	0.
ENVELOPE	Min	0.	0.	0.	0.	0.	0.	0.

Table: Base Reactions, Part 3 of 3

OutputCase	StepType	YCentroidFY	ZCentroidFY	XCentroidFZ	YCentroidFZ	ZCentroidFZ
		m	m	m	m	m
ENVELOPE	Max	0.	0.	0.	0.	0.
ENVELOPE	Min	0.	0.	0.	0.	0.

Table: Joint Reactions, Part 1 of 2

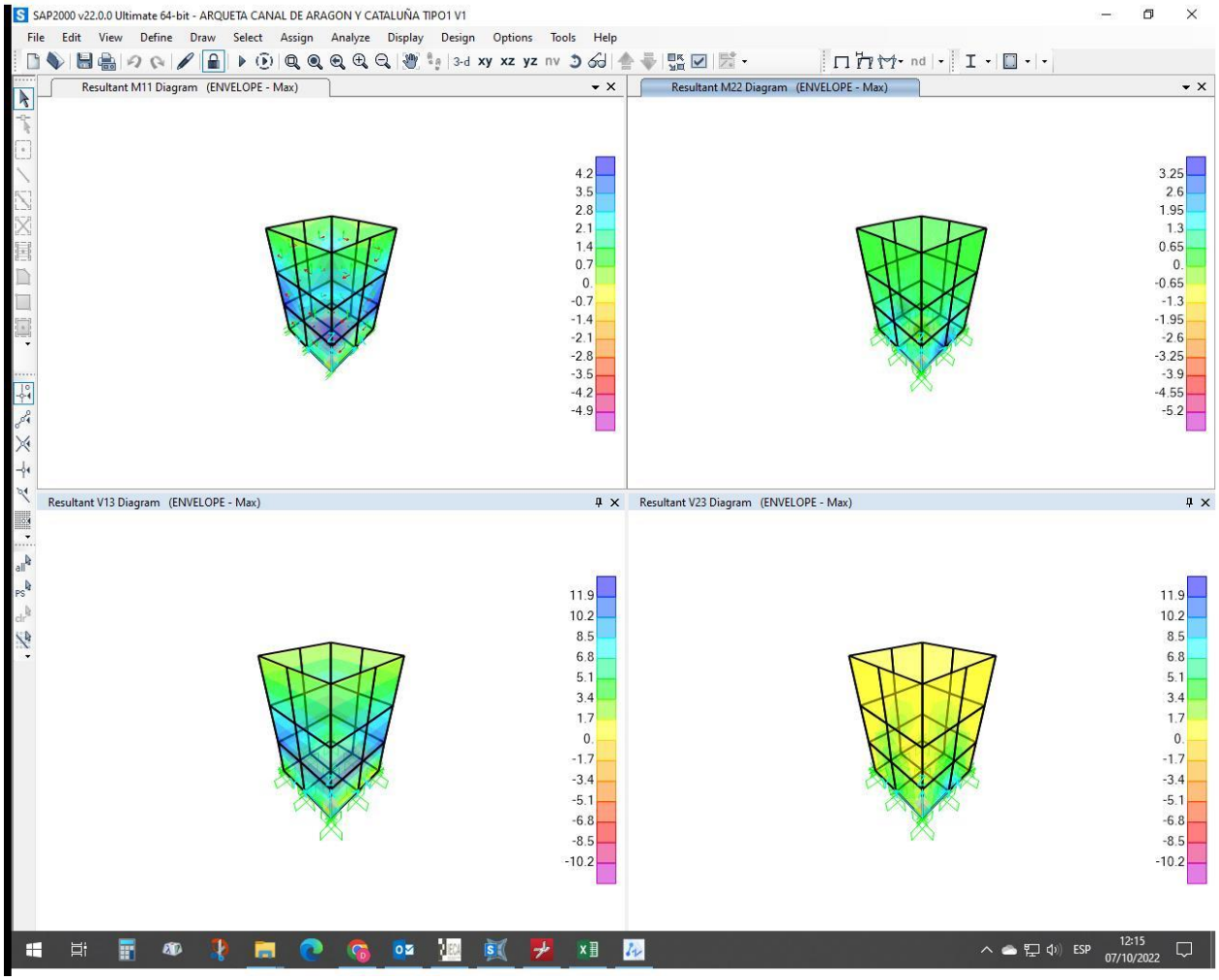
Joint	OutputCase	CaseType	StepType	F1	F2	F3	M1	M2
				KN	KN	KN	KN-m	KN-m
2042	ENVELOPE	Combination	Max	2.402	7.783	17.546	0.	0.
2042	ENVELOPE	Combination	Min	-7.783	-2.402	4.021	0.	0.
2043	ENVELOPE	Combination	Max	7.783	7.783	17.546	0.	0.
2043	ENVELOPE	Combination	Min	-2.402	-2.402	4.021	0.	0.

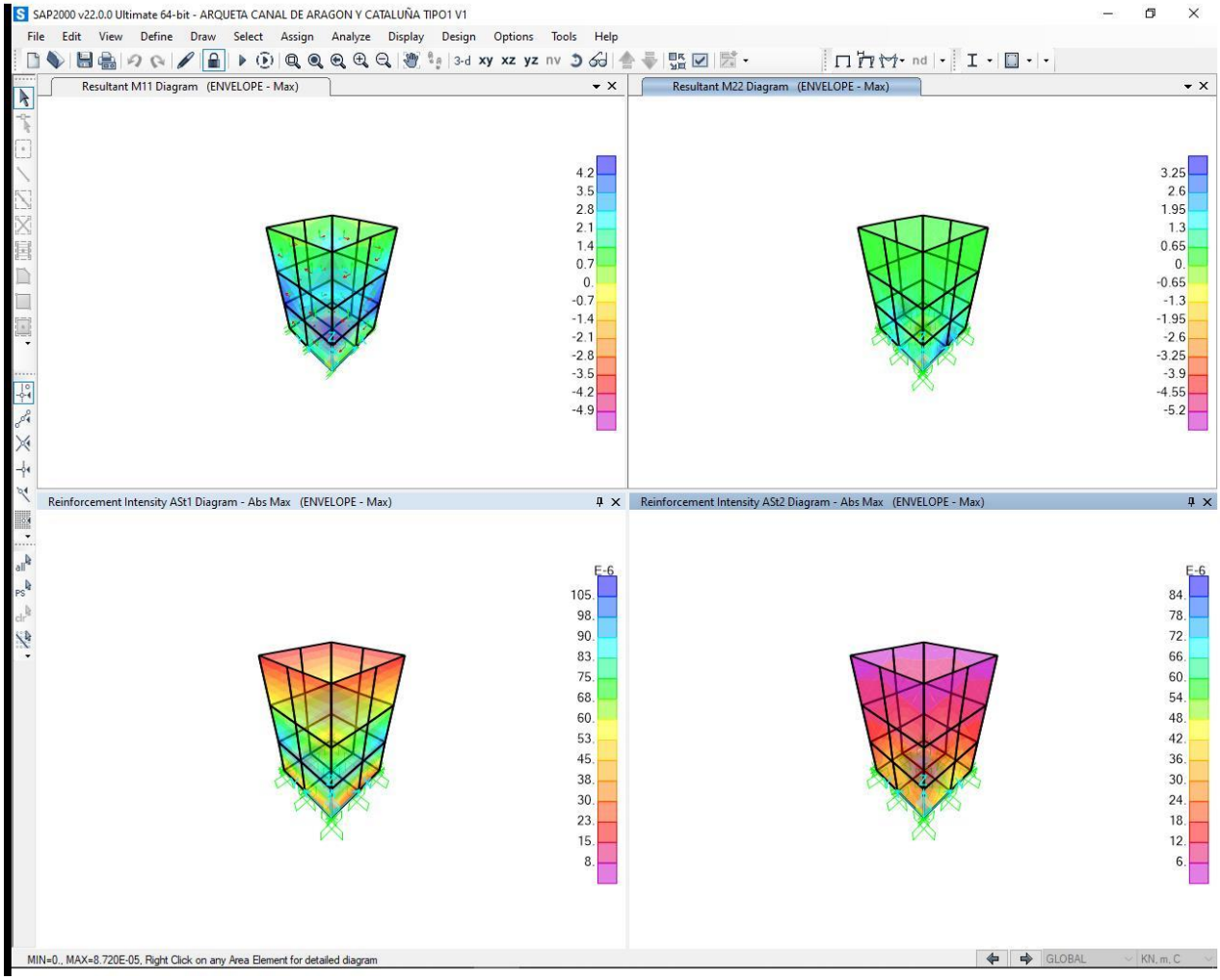
Table: Joint Reactions, Part 1 of 2

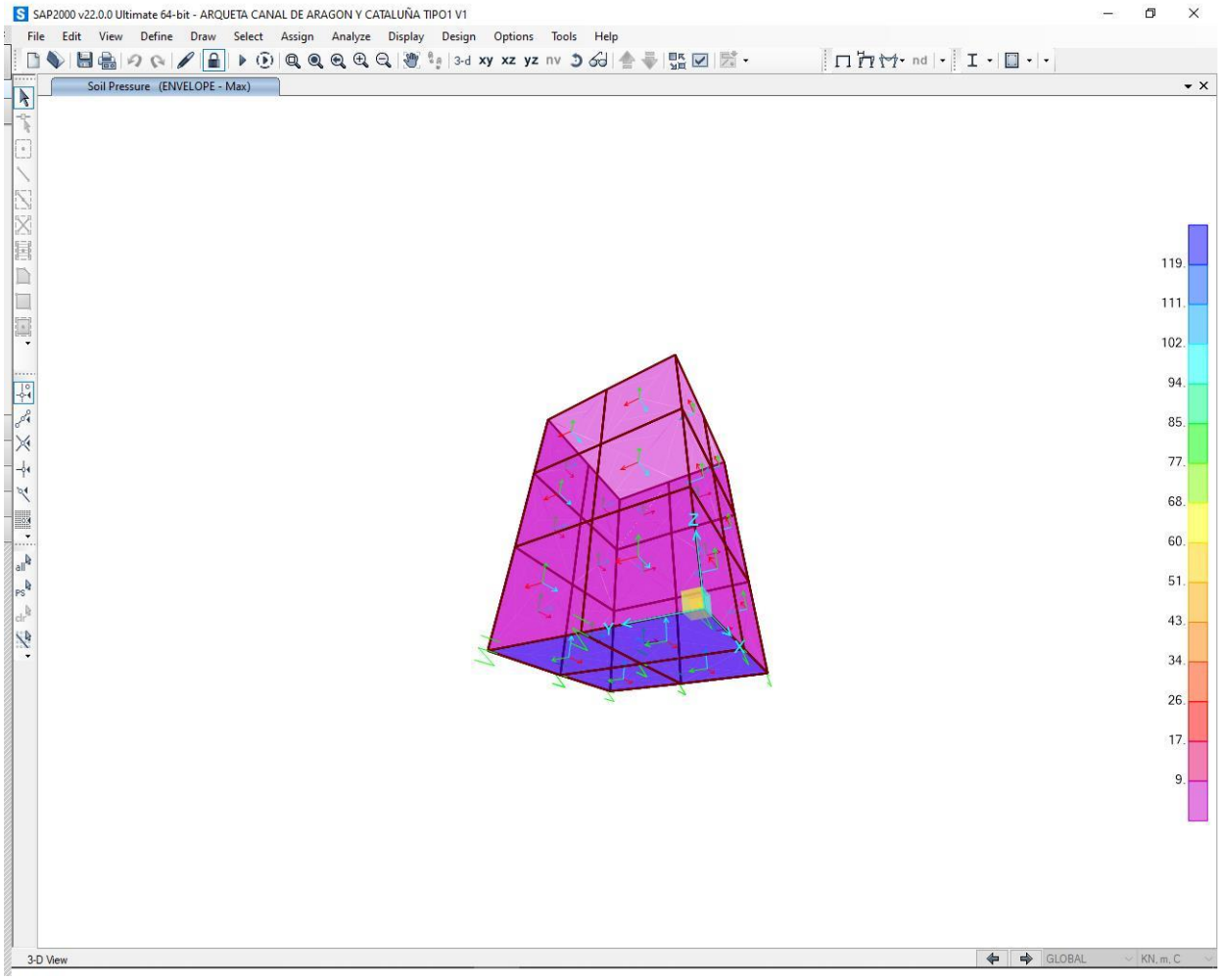
Joint	OutputCase	CaseType	StepType	F1	F2	F3	M1	M2
				KN	KN	KN	KN-m	KN-m
2044	ENVELOPE	Combination	Max	7.783	2.402	17.546	0.	0.
2044	ENVELOPE	Combination	Min	-2.402	-7.783	4.021	0.	0.
2045	ENVELOPE	Combination	Max	2.402	2.402	17.546	0.	0.
2045	ENVELOPE	Combination	Min	-7.783	-7.783	4.021	0.	0.
~1	ENVELOPE	Combination	Max	0.	0.	35.043	0.	0.
~1	ENVELOPE	Combination	Min	0.	0.	8.032	0.	0.
~2	ENVELOPE	Combination	Max	0.	0.	69.726	0.	0.
~2	ENVELOPE	Combination	Min	0.	0.	15.869	0.	0.
~3	ENVELOPE	Combination	Max	0.	0.	35.043	0.	0.
~3	ENVELOPE	Combination	Min	0.	0.	8.032	0.	0.
~4	ENVELOPE	Combination	Max	0.	0.	35.043	0.	0.
~4	ENVELOPE	Combination	Min	0.	0.	8.032	0.	0.
~5	ENVELOPE	Combination	Max	0.	0.	35.043	0.	0.
~5	ENVELOPE	Combination	Min	0.	0.	8.032	0.	0.

Table: Joint Reactions, Part 2 of 2

Joint	OutputCase	StepType	M3
			KN-m
2042	ENVELOPE	Max	0.
2042	ENVELOPE	Min	0.
2043	ENVELOPE	Max	0.
2043	ENVELOPE	Min	0.
2044	ENVELOPE	Max	0.
2044	ENVELOPE	Min	0.
2045	ENVELOPE	Max	0.
2045	ENVELOPE	Min	0.
~1	ENVELOPE	Max	0.
~1	ENVELOPE	Min	0.
~2	ENVELOPE	Max	0.
~2	ENVELOPE	Min	0.
~3	ENVELOPE	Max	0.
~3	ENVELOPE	Min	0.
~4	ENVELOPE	Max	0.
~4	ENVELOPE	Min	0.
~5	ENVELOPE	Max	0.
~5	ENVELOPE	Min	0.


SAP2000 v22.0.0 Ultimate 64-bit - ARQUETA CANAL DE ARAGON Y CATALUÑA TIPO1 V1
File Edit View Define Draw Select Assign Analyze Display Design Options Tools Help
Resultant M11 Diagram (ENVELOPE - Max)
4.2 3.5 2.8 2.1 1.4 0.7 0. -0.7 -1.4 -2.1 -2.8 -3.5 -4.2 -4.9
Resultant M22 Diagram (ENVELOPE - Max)
3.25 2.6 1.95 1.3 0.65 0. -0.65 -1.3 -1.95 -2.6 -3.25 -3.9 -4.55 -5.2
Resultant V13 Diagram (ENVELOPE - Max)
11.9 10.2 8.5 6.8 5.1 3.4 1.7 0. -1.7 -3.4 -5.1 -6.8 -8.5 -10.2
Resultant V23 Diagram (ENVELOPE - Max)
11.9 10.2 8.5 6.8 5.1 3.4 1.7 0. -1.7 -3.4 -5.1 -6.8 -8.5 -10.2
ESP 12:15 07/10/2022


SAP2000 v22.0.0 Ultimate 64-bit - ARQUETA CANAL DE ARAGON Y CATALUÑA TIPO1 V1
File Edit View Define Draw Select Assign Analyze Display Design Options Tools Help
Resultant M11 Diagram (ENVELOPE - Max)
4.2 3.5 2.8 2.1 1.4 0.7 0. -0.7 -1.4 -2.1 -2.8 -3.5 -4.2 -4.9
Resultant M22 Diagram (ENVELOPE - Max)
3.25 2.6 1.95 1.3 0.65 0. -0.65 -1.3 -1.95 -2.6 -3.25 -3.9 -4.55 -5.2
Reinforcement Intensity ASt1 Diagram - Abs Max (ENVELOPE - Max)
E-6
105. 98. 90. 83. 75. 68. 60. 53. 45. 38. 30. 23. 15. 8.
Reinforcement Intensity ASt2 Diagram - Abs Max (ENVELOPE - Max)
E-6
84. 78. 72. 66. 60. 54. 48. 42. 36. 30. 24. 18. 12. 6.
MIN=0., MAX=8.720E-05, Right Click on any Area Element for detailed diagram
GLOBAL
KN, m, C


SAP2000 v22.0.0 Ultimate 64-bit - ARQUETA CANAL DE ARAGON Y CATALUÑA TIPO1 V1
File Edit View Define Draw Select Assign Analyze Display Design Options Tools Help
Soil Pressure (ENVELOPE - Max)
119.
111.
102.
94.
85.
77.
68.
60.
51.
43.
34.
26.
17.
9.
3-D View
GLOBAL
KN, m, C

COMPROBACIÓN PRONTUARIO INFORMÁTICO MUROS ESPESOR 25 CM

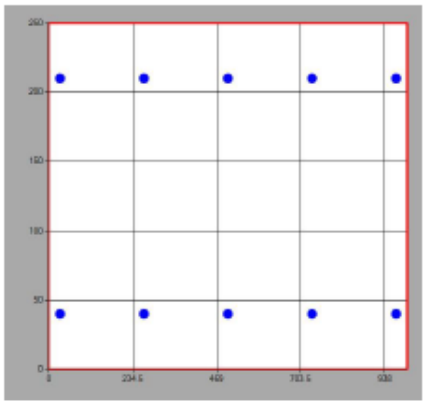
Instituto Español del Cemento y sus Aplicaciones

PRONTUARIO INFORMÁTICO DEL HORMIGÓN ESTRUCTURAL
ADAPTADO AL CÓDIGO ESTRUCTURAL

Definición de la Sección - MUROS_25

Tipología de sección *Sección rectangular*

	Sección bruta	
Ac	250000.00	Área en mm²
U	2500.00	Perímetro en mm
Ix	1.302E+009	Inerciax en mm
Iy	2.083E+010	Inerciay en mm
v	125.00	Distancia cdg-fibra superior en mm
v'	125.00	Distancia cdg-fibra inferior en mm
	Armado	
As	565.49	Área armadura tracción en mm²
d	210.00	Canto útil tracción en mm
As'	565.49	Área armadura comp. En mm²
d'	40.00	Canto útil compresión en mm
	Sección homogeneizada	
Ah	256637.72	Área en mm²
Ix	1.350E+009	Inerciax en mm
Iy	2.156E+010	Inerciay en mm
v	125.00	Distancia cdg-fibra superior en mm
v'	125.00	Distancia cdg-fibra inferior en mm
	Sección fisurada	
v	34	Distancia cdg-fibra superior en mm
Ix	1.16E+008	Inerciax en mm
Mfis	34.67	Momento de fisuración en KNm



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PRONTUARIO INFORMÁTICO DEL HORMIGÓN ESTRUCTURAL

Estado Límite Último. Flexión Simple - MUROS_25

MATERIALES

HORMIGÓN

fck	*35 MPa*
fcd	*23.333 MPa*
Ecm	*34077.14619918 93 MPa*

ACERO

Tipo Acero	*Acero A*
fyk	*500 MPa*
fyd	*435 MPa*

SECCIÓN

Usted está usando una	*Sección rectrangular*
Área	*0.25 m²*
Inercia en eje X	*0.00130 m*
Inercia en eje Y	*0.02083 m*

COMPROBACIÓN

Datos de diseño

Momento de diseño (kNm)	*10 kN·m*

Resultados

	Sección	
Mu	*55.94*	Momento resistido en kNm
x	*25*	Profundidad de la fibra neutra (mm)
1/r	*0.14000*	Curvatura última, en 1/m
sup	*0.00350*	Def. unitaria fibra sup.
inf	*0.02590*	Def. unitaria cdg armadura

Armadura de tracción				Armadura de compresión			
d (mm)	Area (mm²)	eps s	sigma s (MPa)	d (mm)	Area (mm²)	eps s	sigma s (MPa)
210.00	*565.49*	*0.02590*	*0.02590*				

Punto	M (kNm)	1/r (1/m)	x (mm)	sup	inf	csup (MPa)	st (MPa)	sc (MPa)
0	*0.00*	*0.00000*	*0*	*0.00000*	*0.00000*	*0.00*	*0.00*	*0.00*
Momento de diseño	*10.00*	*0.00022*	*125*	*-0.00003*	*0.00003*	*-0.63*	*3.68*	*-3.68*
1-Fisuración	*34.67*	*0.00075*	*125*	*-0.00009*	*0.00009*	*-2.14*	*12.75*	*-12.75*
1'-Sección fisurada	*34.67*	*0.00877*	*34*	*-0.00030*	*0.00189*	*-6.44*	*308.70*	*10.52*
2-Plastifica acero	*47.72*	*0.01302*	*43*	*-0.00056*	*0.00270*	*-11.23*	*434.78*	*-7.81*
3-Plastifica hormigón	*53.74*	*0.08333*	*24*	*-0.00200*	*0.01883*	*-23.33*	*434.78*	*266.66*
4-Rompe hormigón	*55.94*	*0.14000*	*25*	*-0.00350*	*0.03150*	*-23.33*	*434.78*	*420.00*

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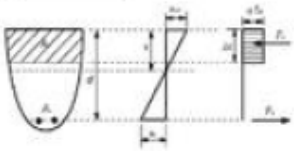
EC 2 IECA PRONTUARIO INFORMÁTICO DEL HORMIGÓN ESTRUCTURAL



Estado Límite Último. Cortante - MUROS_25

Datos

bw	*1000 mm*
N (comp. Positiva)	*0 kN*
Tipo de sección	*No pretensada*
Diámetro vainas	*0 mm*
Nº vainas de pretensado	*0 mm*
Theta	*26.5*
ctg(Theta)	*2.00*
As	*565.49 mm²*
d	*210.00 mm*
Area sección	*2500.00 cm²*

COMPROBACIÓN

Datos de diseño

Armadura de cortante	No
alfa	90
Asw	0mm²/m
Ved	15kN

Resultados

Cortante resistido sin armadura (Vrd, c)	120.77kN
Cortante resistido con armadura (Vrd, s)	kN
Cortante que agota la biela (Vrd, max)	kN
Cortante resistido por el elemento (Vrd)	120.77kN

DIMENSIONAMIENTO

Datos de diseño

Ved	*kN*
alfa	*90*

Resultados

Asw necesaria =

	d6	d8	d10	d12
nº ramas				
s (mm)				
Asw (mm²/m)				
VRds (kN)				

COMPROBACIÓN PRONTUARIO INFORMÁTICO LOSA 30

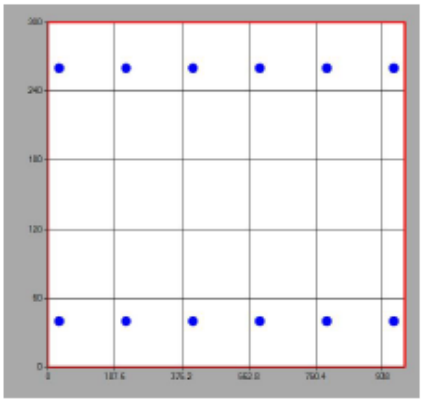
Instituto Español del Cemento y sus Aplicaciones

PRONTUARIO INFORMÁTICO DEL HORMIGÓN ESTRUCTURAL
ADAPTADO AL CÓDIGO ESTRUCTURAL

Definición de la Sección - LOSA_30

Tipología de sección *Sección rectangular*

	Sección bruta	
Ac	300000.00	Área en mm²
U	2600.00	Perímetro en mm
Ix	2.250E+009	Inerciax en mm
Iy	2.500E+010	Inerciay en mm
v	150.00	Distancia cdg-fibra superior en mm
v'	150.00	Distancia cdg-fibra inferior en mm
	Armado	
As	678.58	Área armadura tracción en mm²
d	260.00	Canto útil tracción en mm
As'	678.58	Área armadura comp. En mm²
d'	40.00	Canto útil compresión en mm
	Sección homogeneizada	
Ah	307965.27	Área en mm²
Ix	2.346E+009	Inerciax en mm
Iy	2.582E+010	Inerciay en mm
v	150.00	Distancia cdg-fibra superior en mm
v'	150.00	Distancia cdg-fibra inferior en mm
	Sección fisurada	
v	41	Distancia cdg-fibra superior en mm
Ix	2.14E+008	Inerciax en mm
Mfis	50.21	Momento de fisuración en KNm



Instituto Español del Cemento y sus Aplicaciones

PRONTUARIO INFORMÁTICO DEL HORMIGÓN ESTRUCTURAL

Estado Límite Último. Flexión Simple - LOSA_30

MATERIALES

HORMIGÓN

fck	*35 MPa*
fcd	*23.333 MPa*
Ecm	*34077.14619918 93 MPa*

ACERO

Tipo Acero	*Acero A*
fyk	*500 MPa*
fyd	*435 MPa*

SECCIÓN

Usted está usando una	*Sección rectrangular*
Área	*0.30 m²*
Inercia en eje X	*0.00225 m*
Inercia en eje Y	*0.02500 m*

COMPROBACIÓN

Datos de diseño

Momento de diseño (kNm) *10 kN·m*

Resultados

	Sección	
Mu	*79.76*	Momento resistido en kNm
x	*27*	Profundidad de la fibra neutra (mm)
1/r	*0.12963*	Curvatura última, en 1/m
sup	*0.00350*	Def. unitaria fibra sup.
inf	*0.03020*	Def. unitaria cdg armadura

Armadura de tracción				Armadura de compresión			
d (mm)	Area (mm²)	eps s	sigma s (MPa)	d (mm)	Area (mm²)	eps s	sigma s (MPa)
260.00	*678.58*	*0.03020*	*0.03020*				

Punto	M (kNm)	1/r (1/m)	x (mm)	sup	inf	csup (MPa)	st (MPa)	sc (MPa)
0	*0.00*	*0.00000*	*0*	*0.00000*	*0.00000*	*0.00*	*0.00*	*0.00*
Momento de diseño	*10.00*	*0.00013*	*150*	*-0.00002*	*0.00002*	*-0.44*	*2.76*	*-2.76*
1-Fisuración	*50.21*	*0.00063*	*150*	*-0.00009*	*0.00009*	*-2.15*	*13.86*	*-13.86*
1'-Sección fisurada	*50.21*	*0.00689*	*41*	*-0.00028*	*0.00178*	*-6.13*	*301.78*	*-1.38*
2-Plastifica acero	*70.74*	*0.01040*	*51*	*-0.00053*	*0.00259*	*-10.73*	*434.72*	*-22.88*
3-Plastifica hormigón	*77.53*	*0.07407*	*27*	*-0.00200*	*0.02022*	*-23.33*	*434.78*	*192.58*
4-Rompe hormigón	*79.76*	*0.12963*	*27*	*-0.00350*	*0.03539*	*-23.33*	*434.78*	*337.04*

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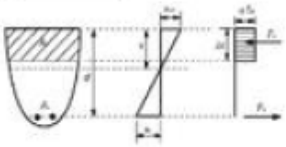
EC 2 IECA PRONTUARIO INFORMÁTICO DEL HORMIGÓN ESTRUCTURAL



Estado Límite Último. Cortante - LOSA_30

Datos

bw	*1000 mm*
N (comp. Positiva)	*0 kN*
Tipo de sección	*No pretensada*
Diámetro vainas	*0 mm*
Nº vainas de pretensado	*0 mm*
Theta	*26.5*
ctg(Theta)	*2.00*
As	*678.58 mm²*
d	*260.00 mm*
Area sección	*3000.00 cm²*

COMPROBACIÓN

Datos de diseño

Armadura de cortante	No
alfa	90
Asw	0mm²/m
Ved	kN

Resultados

Cortante resistido sin armadura (Vrd, c)	138.45kN
Cortante resistido con armadura (Vrd, s)	kN
Cortante que agota la biela (Vrd, max)	kN
Cortante resistido por el elemento (Vrd)	138.45kN

DIMENSIONAMIENTO

Datos de diseño

Ved	*kN*
alfa	*90*

Resultados

Asw necesaria =

	d6	d8	d10	d12
nº ramas				
s (mm)				
Asw (mm²/m)				
VRds (kN)				

CUBIERTA ARQUETA

DATOS DE OBRA

Hormigón: HA-35, Yc=1.5

Acero: B 500 S, Ys=1.15

Recubrimiento: 4.00 cm

Tamaño máximo del árido: 20.0 mm

Estados límite

E.L.U. de rotura. Hormigón	CTE Cota de nieve: Altitud inferior o igual a 1000 m

DESCRIPCIÓN DE LOSAS

Referencias	Geometría	Apoyos	Armado base X	Armado base Y
TIPO 1	Espesor: 0.20 m Luz libre X: 1.50 m Luz libre Y: 1.50 m	Izquierda: Apoyado Derecha: Apoyado Abajo: Apoyado Arriba: Apoyado	Armado base inferior: Ø12c/25 Armado base superior: Ø12c/25	Armado base inferior: Ø12c/25 Armado base superior: Ø12c/25
TIPO 1 SIMULACION HUECO	Espesor: 0.20 m Luz libre X: 1.00 m Luz libre Y: 1.50 m	Izquierda: Apoyado Derecha: Libre Abajo: Apoyado Arriba: Apoyado	Armado base inferior: Ø12c/25 Armado base superior: Ø12c/25	Armado base inferior: Ø12c/25 Armado base superior: Ø12c/25

Tabla de cargas

Referencias	Peso propio	Q 1
TIPO 1	Con peso propio	Carga uniforme: 15.00 kN/m² (0.80, 1.00): 10.00kN
TIPO 1 SIMULACION HUECO	Con peso propio	Carga uniforme: 15.00 kN/m² (0.80, 1.00): 10.00kN

COMPROBACIÓN

Referencia: TIPO 1 Comprobación	Valores	Estado
Armadura inferior dirección X: *Armadura superior dirección Y*		
- Armadura superior dirección X:	Mínimo: 8 cm Calculado: 20 cm	Cumple
- Armadura inferior dirección Y:	Mínimo: 80 cm Calculado: 150 cm	Cumple
Recubrimiento máximo compatible con ancho de apoyo existente: *Criterio de CYPE*	Máximo: 12.5 cm Calculado: 4 cm	Cumple
Separación máxima entre barras:		
- Armadura inferior dirección X:	Máximo: 30 cm Calculado: 25 cm	Cumple

Referencia: TIPO 1		
Comprobación	Valores	Estado
- Armadura superior dirección X:	Calculado: 25 cm	Cumple
- Armadura inferior dirección Y:	Calculado: 25 cm	Cumple
- Armadura superior dirección Y:	Calculado: 25 cm	Cumple
Separación mínima de armaduras:	Mínimo: 2.5 cm	
- Armadura inferior dirección X:	Calculado: 23.8 cm	Cumple
- Armadura superior dirección X:	Calculado: 23.8 cm	Cumple
- Armadura inferior dirección Y:	Calculado: 23.8 cm	Cumple
- Armadura superior dirección Y:	Calculado: 23.8 cm	Cumple
Armadura por mínimos geométricos:	Mínimo: 1.8 cm²/m	
- Armadura inferior dirección X:	Calculado: 4.6 cm²/m	Cumple
- Armadura superior dirección X:	Calculado: 4.6 cm²/m	Cumple
- Armadura inferior dirección Y:	Calculado: 4.6 cm²/m	Cumple
- Armadura superior dirección Y:	Calculado: 4.6 cm²/m	Cumple
Armadura por mínimos mecánicos:	Calculado: 4.6 cm²/m	
- Armadura inferior dirección X:	Mínimo: 4.3 cm²/m	Cumple
- Armadura superior dirección X:	Mínimo: 0 cm²/m	Cumple
- Armadura inferior dirección Y:	Mínimo: 4.3 cm²/m	Cumple
- Armadura superior dirección Y:	Mínimo: 0 cm²/m	Cumple
Armadura en dirección X:		
- Prolongación de la armadura de positivos: *Criterio de CYPE*	Mínimo: 2.3 cm²/m Calculado: 4.6 cm²/m	Cumple
Armadura en dirección Y:		
- Prolongación de la armadura de positivos: *Criterio de CYPE*	Mínimo: 2.3 cm²/m Calculado: 4.6 cm²/m	Cumple
Comprobación de cuantías por flexión con acciones estáticas:	Calculado: 4.6 cm²/m	
- Comprobación de la armadura de positivos dirección X:	Mínimo: 1.3 cm²/m	Cumple
- Comprobación de la armadura de negativos dirección X:	Mínimo: 0.7 cm²/m	Cumple
- Comprobación de la armadura de positivos dirección Y:	Mínimo: 1.5 cm²/m	Cumple
- Comprobación de la armadura de negativos dirección Y:	Mínimo: 0.8 cm²/m	Cumple
Comprobación del cortante con acciones estáticas:	Máximo: 175.26 kN/m	
- Cortante en la dirección X:	Calculado: 26.0142 kN/m	Cumple
- Cortante en la dirección Y:	Calculado: 26.0142 kN/m	Cumple
Anclaje armado base con acciones estáticas:	Mínimo: 9 cm	

Referencia: TIPO 1		
Comprobación	Valores	Estado
- Longitud patilla en armado base inferior inicial dirección X:	Calculado: 9 cm	Cumple
- Longitud patilla en armado base inferior final dirección X:	Calculado: 9 cm	Cumple
- Longitud patilla en armado base superior inicial dirección X:	Calculado: 24 cm	Cumple
- Longitud patilla en armado base superior final dirección X:	Calculado: 24 cm	Cumple
- Longitud patilla en armado base inferior inicial dirección Y:	Calculado: 24 cm	Cumple
- Longitud patilla en armado base inferior final dirección Y:	Calculado: 24 cm	Cumple
- Longitud patilla en armado base superior inicial dirección Y:	Calculado: 9 cm	Cumple
- Longitud patilla en armado base superior final dirección Y:	Calculado: 9 cm	Cumple
Se cumplen todas las comprobaciones		
Referencia: TIPO 1 SIMULACION HUECO		
Comprobación	Valores	Estado
Armadura inferior dirección X: *Armadura superior dirección Y*		
- Armadura superior dirección X:	Mínimo: 8 cm Calculado: 20 cm	Cumple
- Armadura inferior dirección Y:	Mínimo: 80 cm Calculado: 100 cm	Cumple
Recubrimiento máximo compatible con ancho de apoyo existente: *Criterio de CYPE*	Máximo: 12.5 cm Calculado: 4 cm	Cumple
Separación máxima entre barras:	Máximo: 30 cm	
- Armadura inferior dirección X:	Calculado: 25 cm	Cumple
- Armadura superior dirección X:	Calculado: 25 cm	Cumple
- Armadura inferior dirección Y:	Calculado: 25 cm	Cumple
- Armadura superior dirección Y:	Calculado: 25 cm	Cumple
Separación mínima de armaduras:	Mínimo: 2.5 cm	
- Armadura inferior dirección X:	Calculado: 23.8 cm	Cumple
- Armadura superior dirección X:	Calculado: 23.8 cm	Cumple
- Armadura inferior dirección Y:	Calculado: 23.8 cm	Cumple
- Armadura superior dirección Y:	Calculado: 23.8 cm	Cumple
Armadura por mínimos geométricos:	Mínimo: 1.8 cm²/m	
- Armadura inferior dirección X:	Calculado: 4.6 cm²/m	Cumple
- Armadura superior dirección X:	Calculado: 4.6 cm²/m	Cumple
- Armadura inferior dirección Y:	Calculado: 4.6 cm²/m	Cumple
- Armadura superior dirección Y:	Calculado: 4.6 cm²/m	Cumple
Armadura por mínimos mecánicos:	Calculado: 4.6 cm²/m	

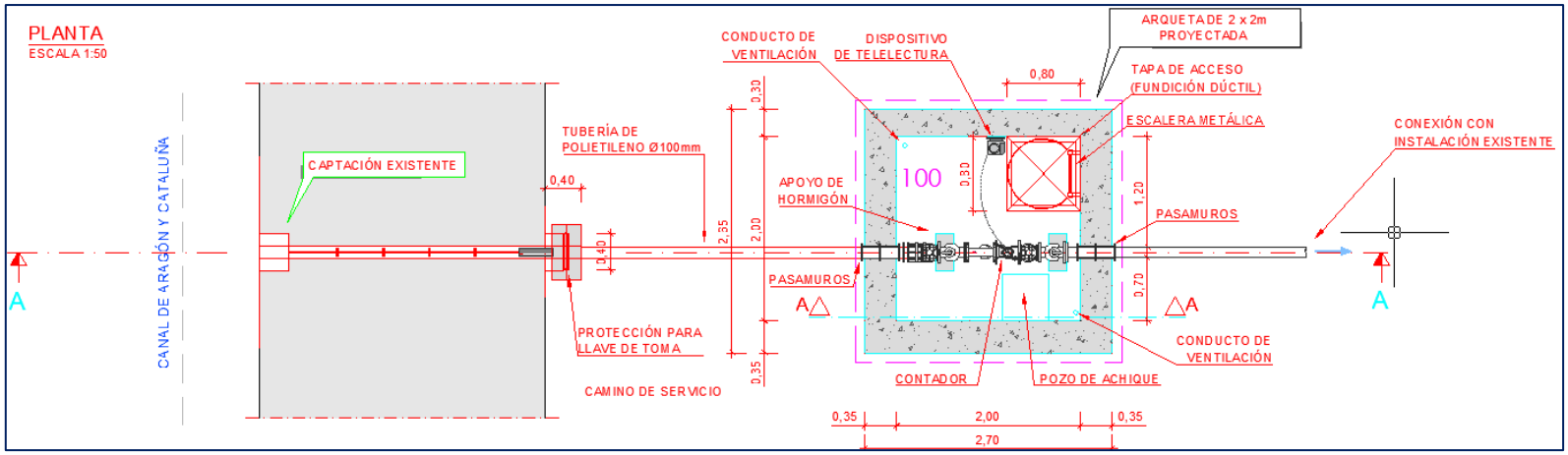
Referencia: TIPO 1 SIMULACION HUECO		
Comprobación	Valores	Estado
- Armadura inferior dirección X:	Mínimo: 4.3 cm²/m	Cumple
- Armadura superior dirección X:	Mínimo: 0 cm²/m	Cumple
- Armadura inferior dirección Y:	Mínimo: 4.3 cm²/m	Cumple
- Armadura superior dirección Y:	Mínimo: 0 cm²/m	Cumple
Armadura en dirección X:		
- Prolongación de la armadura de positivos: *Criterio de CYPE*	Mínimo: 2.3 cm²/m Calculado: 4.6 cm²/m	Cumple
Armadura en dirección Y:		
- Prolongación de la armadura de positivos: *Criterio de CYPE*	Mínimo: 2.3 cm²/m Calculado: 4.6 cm²/m	Cumple
Comprobación de cuantías por flexión con acciones estáticas:	Calculado: 4.6 cm²/m	
- Comprobación de la armadura de positivos dirección X:	Mínimo: 1.2 cm²/m	Cumple
- Comprobación de la armadura de negativos dirección X:	Mínimo: 1 cm²/m	Cumple
- Comprobación de la armadura de positivos dirección Y:	Mínimo: 2.4 cm²/m	Cumple
- Comprobación de la armadura de negativos dirección Y:	Mínimo: 1.1 cm²/m	Cumple
Comprobación del cortante con acciones estáticas:	Máximo: 175.26 kN/m	
- Cortante en la dirección X:	Calculado: 28.3582 kN/m	Cumple
- Cortante en la dirección Y:	Calculado: 28.3582 kN/m	Cumple
Anclaje armado base con acciones estáticas:		
- Longitud patilla en armado base inferior inicial dirección X:	Mínimo: 9 cm Calculado: 9 cm	Cumple
- Longitud patilla en armado base inferior final dirección X:	Mínimo: 9 cm Calculado: 9 cm	Cumple
- Longitud patilla en armado base superior inicial dirección X:	Mínimo: 15 cm Calculado: 24 cm	Cumple
- Longitud patilla en armado base superior final dirección X:	Mínimo: 15 cm Calculado: 24 cm	Cumple
- Longitud patilla en armado base inferior inicial dirección Y:	Mínimo: 24 cm Calculado: 24 cm	Cumple
- Longitud patilla en armado base inferior final dirección Y:	Mínimo: 24 cm Calculado: 24 cm	Cumple
- Longitud patilla en armado base superior inicial dirección Y:	Mínimo: 9 cm Calculado: 9 cm	Cumple
- Longitud patilla en armado base superior final dirección Y:	Mínimo: 9 cm Calculado: 9 cm	Cumple
Se cumplen todas las comprobaciones		

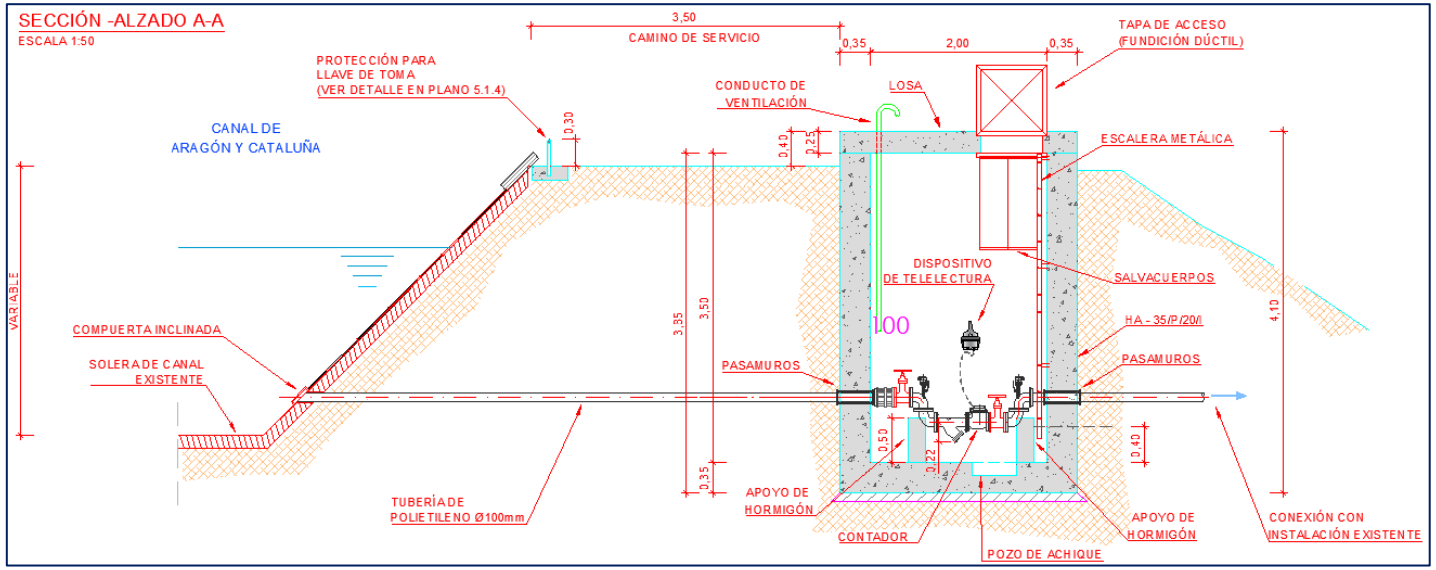
3. ARQUETA TIPO 2

La arqueta Tipo 2 tiene de medidas interiores libres 2,0 x 2,0 m y 3,5 m de profundidad.

Las arquetas serán de hormigón sulforresistente HA-35/B/20/I y dispondrán de una tapa de fundición dúctil y escalera de acero galvanizado con barandilla para el acceso a la misma. El acero a emplear será del tipo B-500S.

3.1. PLANTA Y SECCIÓN ARQUETA TIPO 2





3.2. PARÁMETROS DE CÁLCULO

TERRENO:

- Densidad de 20 KN/m3
- No cohesivo
- Ángulo de rozamiento máximo de 29º
- Tensión máxima admisible de 1,7 kg/cm2
- Rigidez frente a deformación de 55000 KN/m/m2
- Hasta cota superior

NIVEL FREÁTICO (NF):

- Hasta cota superior

INTERIOR DE ARQUETA LLENO DE AGUA (AGUA INT):

- Hasta cota superior

SOBRECARGA DE TRÁFICO EN EL EXTERIOR (SC EXT):

- Carga máxima 15 KN/m2

Normativa considerada: Código Estructural, aprobado por el RD 470/2021

Programas informáticos utilizados:

- SAP 2000 v.22.0.0
- Prontuario Informático del Hormigón Estructural
- CYPE

3.3. COMPROBACIÓN DE LA ESTRUCTURA

MODELO GEOMÉTRICO

Esta sección proporciona información sobre la geometría del modelo, incluidos elementos como coordenadas de unión, restricciones de unión y conectividad de elementos.

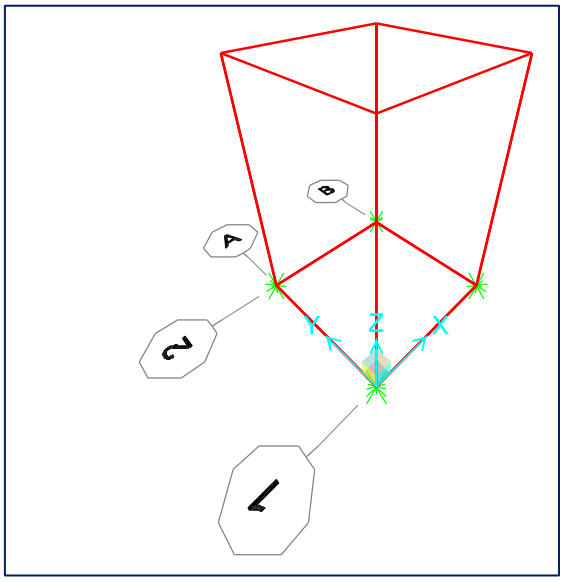


Figure 1: Finite element model

COORDENADAS DE LAS UNIONES

Table 1: Joint Coordinates

Joint	CoordSys	CoordType	GlobalX	GlobalY	GlobalZ
			m	m	m
1	GLOBAL	Cartesian	0.	2.35	3.7
2	GLOBAL	Cartesian	2.35	2.35	3.7
3	GLOBAL	Cartesian	0.	0.	3.7
4	GLOBAL	Cartesian	2.35	0.	3.7
2042	GLOBAL	Cartesian	0.	2.35	0.
2043	GLOBAL	Cartesian	2.35	2.35	0.
2044	GLOBAL	Cartesian	2.35	0.	0.
2045	GLOBAL	Cartesian	0.	0.	0.

RESTRICCIONES DE LAS UNIONES

Table 2: Joint Restraint Assignments

Joint	U1	U2	U3	R1	R2	R3
2042	Yes	Yes	No	No	No	No
2043	Yes	Yes	No	No	No	No
2044	Yes	Yes	No	No	No	No
2045	Yes	Yes	No	No	No	No

CONECTIVIDAD DE ELEMENTOS

Table 4: Area Section Assignments

Area	Section	MatProp
2012	LOSA35	Default
2114	MUROS35	Default
2214	MUROS35	Default
2314	MUROS35	Default

Table 4: Area Section Assignments

Area	Section	MatProp
2414	MUROS35	Default

PROPIEDADES DE LOS MATERIALES

Esta sección proporciona información sobre las propiedades de los materiales utilizados en el modelo.

Table 5: Material Properties 02 - Basic Mechanical Properties

Material	UnitWeight	UnitMass	E1	G12	U12	A1
	KN/m3	KN-s2/m4	KN/m2	KN/m2		1/C
B500	7.6973E+01	7.8490E+00	199947978.8			1.1700E-05
HA-35	2.4993E+01	2.5485E+00	33577729.38	13990720.58	0.2	5.5000E-06

Table 7: Material Properties 03b - Concrete Data

Material	Fc	eFc	FinalSlope
	KN/m2	KN/m2	
HA-35	35000.	35000.	-0.1

Table 8: Material Properties 03e - Rebar Data

Material	Fy	Fu	FinalSlope
	KN/m2	KN/m2	
B500	500000.	550000.	-0.1

PROPIEDADES DE LAS SECCIONES

Esta sección proporciona información sobre las propiedades de las secciones para los objetos utilizados en el modelo.

ÁREAS

Table 11: Area Section Properties, Part 1 of 3

Section	Material	AreaType	Type	DrillDOF	Thickness	BendThick	F11Mod
					m	m	
LOSA35	HA-35	Shell	Shell-Thin	Yes	0.35	0.35	1.
MUROS35	HA-35	Shell	Shell-Thin	Yes	0.35	0.35	1.

Table 11: Area Section Properties, Part 2 of 3

Section	F22Mod	F12Mod	M11Mod	M22Mod	M12Mod	V13Mod	V23Mod
LOSA35	1.	1.	1.	1.	1.	1.	1.
MUROS35	1.	1.	1.	1.	1.	1.	1.

Table 11: Area Section Properties, Part 3 of 3

Section	MMod	WMod
LOSA35	1.	1.
MUROS35	1.	1.

Table: Area Spring Assignments

Area	Type	Stiffness KN/m/m2	SimpleType	Face	Dir1Type	NormalDir
2012	Simple	55000.	Compression Only	Bottom	Normal To Face	Outward

PATRONES DE CARGAS

Esta sección proporciona información de las cargas aplicadas al modelo.

DEFINICIONES

Table 13: Load Pattern Definitions

LoadPat	DesignType	SelfWtMult	AutoLoad
DEAD	Dead	1.	
TERRENO	Live	0.	

CASOS DE CARGAS

Esta sección proporciona información sobre casos de carga.

DEFINICIONES

Table 14: Load Case Definitions, Part 1 of 2

Case	Type	InitialCond	ModalCase	BaseCase	MassSource	DesActOpt
DEAD	LinStatic	Zero				Prog Det
TERRENO	LinStatic	Zero				Prog Det
NF	LinStatic	Zero				Prog Det
SC	LinStatic	Zero				Prog Det
AGUA INT	LinStatic	Zero				Prog Det
SC EXT	LinStatic	Zero				Prog Det

Table 14: Load Case Definitions, Part 2 of 2

Case	DesignAct
DEAD	Non-Composite
TERRENO	Short-Term Composite
NF	Short-Term Composite
SC	Short-Term Composite
AGUA INT	Short-Term Composite
SC EXT	Short-Term Composite

ASIGNACIÓN DE CARGAS ESTÁTICAS

Table 15: Case - Static 1 - Load Assignments

Case	LoadType	LoadName	LoadSF
DEAD	Load pattern	DEAD	1.
TERRENO	Load pattern	TERRENO	1.
NF	Load pattern	NF	1.
SC	Load pattern	SC	1.
AGUA INT	Load pattern	AGUA INT	1.
SC EXT	Load pattern	SC EXT	1.

COMBINACIONES DE CARGAS

Esta sección proporciona información sobre las combinaciones de cargas.

Table 17: Combination Definitions

ComboName	ComboType	CaseName	ScaleFactor
COMB1	Linear Add	DEAD	1.35
COMB1		TERRENO	1.5
COMB1		NF	1.5
COMB1		SC EXT	1.5
COMB2	Linear Add	DEAD	1.35
COMB2		SC	1.5
COMB2		AGUA INT	1.5
ENVELOPE	Envelope	COMB1	1.
ENVELOPE		COMB2	1.

Table: Area Loads - Surface Pressure

Area	LoadPat	Face	Pressure KN/m2	JtPattern
2012	AGUA INT	Top	1.	AGUA INT
2012	NF	Bottom	1.	NF
2114	AGUA INT	Top	1.	AGUA INT
2114	NF	Bottom	1.	NF
2114	TERRENO	Bottom	0.35	EMPUJE TERRENO
2114	SC EXT	Bottom	6.	None
2214	AGUA INT	Top	1.	AGUA INT
2214	NF	Bottom	1.	NF
2214	TERRENO	Bottom	0.35	EMPUJE TERRENO
2214	SC EXT	Bottom	6.	None

Table: Area Loads - Surface Pressure

Area	LoadPat	Face	Pressure KN/m2	JtPattern
2314	AGUA INT	Top	1.	AGUA INT
2314	NF	Bottom	1.	NF
2314	TERRENO	Bottom	0.35	EMPUJE TERRENO
2314	SC EXT	Bottom	6.	None
2414	AGUA INT	Top	1.	AGUA INT
2414	NF	Bottom	1.	NF
2414	TERRENO	Bottom	0.35	EMPUJE TERRENO
2414	SC EXT	Bottom	6.	None

Table: Area Loads - Uniform

Area	LoadPat	CoordSys	Dir	UnifLoad KN/m2
2012	SC	GLOBAL	Gravity	15.

RESULTADOS

Esta sección proporciona resultados de la estructura, incluidos elementos como períodos estructurales y reacciones de base.

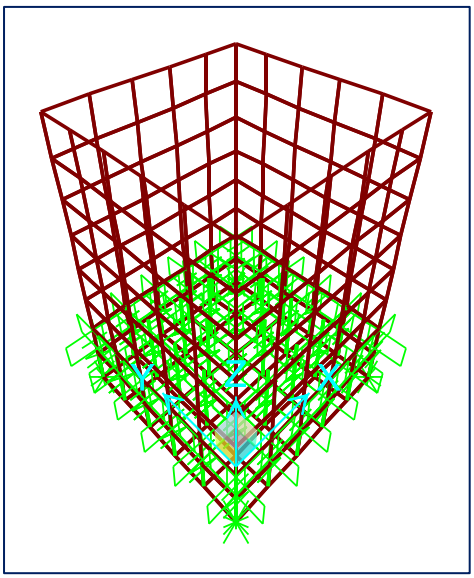


Figure 2: Deformed shape

REACCIONES DE LA BASE

Table 19: Base Reactions

OutputCase	GlobalFX	GlobalFY	GlobalFZ	GlobalMX	GlobalMY	GlobalMZ
	KN	KN	KN	KN-m	KN-m	KN-m
DEAD	1.379E-11	3.023E-12	352.543	414.2377	-414.2377	-2.208E-12
TERRENO	9.659E-14	-2.611E-13	1.771E-13	5.391E-13	-3.592E-13	-6.803E-13
NF	-9.451E-12	-1.236E-12	-204.332	-240.0907	240.0907	4.941E-12
SC	2.656E-12	5.137E-13	82.837	97.3341	-97.3341	1.053E-13
AGUA INT	9.451E-12	1.236E-12	204.332	240.0907	-240.0907	-4.941E-12
SC EXT	4.380E-14	-8.325E-14	6.541E-14	1.783E-13	-9.671E-14	-2.675E-13

RESULTADOS DE LAS ÁREAS

Esta sección proporciona resultados de áreas, incluidos elementos como fuerzas y tensiones.

Table: Element Forces - Area Shells, Part 1 of 5

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11	F22
							KN/m	KN/m
2012	2012-1	Shell-Thin	2042	ENVELOPE	Combination	Max	41.27	41.27
2012	2012-1	Shell-Thin	~1	ENVELOPE	Combination	Max	6.88	25.82
2012	2012-1	Shell-Thin	~2	ENVELOPE	Combination	Max	10.05	10.05
2012	2012-1	Shell-Thin	~3	ENVELOPE	Combination	Max	25.82	6.88
2012	2012-1	Shell-Thin	2042	ENVELOPE	Combination	Min	-8.97	-8.97
2012	2012-1	Shell-Thin	~1	ENVELOPE	Combination	Min	-35.97	-5.8
2012	2012-1	Shell-Thin	~2	ENVELOPE	Combination	Min	-51.41	-51.41
2012	2012-1	Shell-Thin	~3	ENVELOPE	Combination	Min	-5.8	-35.97
2012	2012-2	Shell-Thin	~3	ENVELOPE	Combination	Max	5.02	9.05
2012	2012-2	Shell-Thin	~2	ENVELOPE	Combination	Max	6.63	9.37

Table: Element Forces - Area Shells, Part 1 of 5

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11	F22
							KN/m	KN/m
2012	2012-2	Shell-Thin	~4	ENVELOPE	Combination	Max	9.25	22.49
2012	2012-2	Shell-Thin	~5	ENVELOPE	Combination	Max	7.65	22.17
2012	2012-2	Shell-Thin	~3	ENVELOPE	Combination	Min	-24.54	-46.04
2012	2012-2	Shell-Thin	~2	ENVELOPE	Combination	Min	-28.31	-46.79
2012	2012-2	Shell-Thin	~4	ENVELOPE	Combination	Min	-33.65	-73.51
2012	2012-2	Shell-Thin	~5	ENVELOPE	Combination	Min	-29.88	-72.76
2012	2012-3	Shell-Thin	~5	ENVELOPE	Combination	Max	12.55	23.15
2012	2012-3	Shell-Thin	~4	ENVELOPE	Combination	Max	6.92	22.02
2012	2012-3	Shell-Thin	~6	ENVELOPE	Combination	Max	6.92	22.02
2012	2012-3	Shell-Thin	~7	ENVELOPE	Combination	Max	12.55	23.15
2012	2012-3	Shell-Thin	~5	ENVELOPE	Combination	Min	-50.76	-76.94
2012	2012-3	Shell-Thin	~4	ENVELOPE	Combination	Min	-29.5	-72.68
2012	2012-3	Shell-Thin	~6	ENVELOPE	Combination	Min	-29.5	-72.68
2012	2012-3	Shell-Thin	~7	ENVELOPE	Combination	Min	-50.76	-76.94
2012	2012-4	Shell-Thin	~7	ENVELOPE	Combination	Max	7.65	22.17
2012	2012-4	Shell-Thin	~6	ENVELOPE	Combination	Max	9.25	22.49
2012	2012-4	Shell-Thin	~8	ENVELOPE	Combination	Max	6.63	9.37
2012	2012-4	Shell-Thin	~9	ENVELOPE	Combination	Max	5.02	9.05
2012	2012-4	Shell-Thin	~7	ENVELOPE	Combination	Min	-29.88	-72.76
2012	2012-4	Shell-Thin	~6	ENVELOPE	Combination	Min	-33.65	-73.51
2012	2012-4	Shell-Thin	~8	ENVELOPE	Combination	Min	-28.31	-46.79
2012	2012-4	Shell-Thin	~9	ENVELOPE	Combination	Min	-24.54	-46.04
2012	2012-5	Shell-Thin	~9	ENVELOPE	Combination	Max	25.82	6.88
2012	2012-5	Shell-Thin	~8	ENVELOPE	Combination	Max	10.05	10.05
2012	2012-5	Shell-Thin	~10	ENVELOPE	Combination	Max	6.88	25.82
2012	2012-5	Shell-Thin	2043	ENVELOPE	Combination	Max	41.27	41.27
2012	2012-5	Shell-Thin	~9	ENVELOPE	Combination	Min	-5.8	-35.97
2012	2012-5	Shell-Thin	~8	ENVELOPE	Combination	Min	-51.41	-51.41
2012	2012-5	Shell-Thin	~10	ENVELOPE	Combination	Min	-35.97	-5.8
2012	2012-5	Shell-Thin	2043	ENVELOPE	Combination	Min	-8.97	-8.97
2012	2012-6	Shell-Thin	~1	ENVELOPE	Combination	Max	9.05	5.02
2012	2012-6	Shell-Thin	~11	ENVELOPE	Combination	Max	22.17	7.65
2012	2012-6	Shell-Thin	~12	ENVELOPE	Combination	Max	22.49	9.25
2012	2012-6	Shell-Thin	~2	ENVELOPE	Combination	Max	9.37	6.63
2012	2012-6	Shell-Thin	~1	ENVELOPE	Combination	Min	-46.04	-24.54
2012	2012-6	Shell-Thin	~11	ENVELOPE	Combination	Min	-72.76	-29.88
2012	2012-6	Shell-Thin	~12	ENVELOPE	Combination	Min	-73.51	-33.65
2012	2012-6	Shell-Thin	~2	ENVELOPE	Combination	Min	-46.79	-28.31
2012	2012-7	Shell-Thin	~2	ENVELOPE	Combination	Max	5.94	5.94
2012	2012-7	Shell-Thin	~12	ENVELOPE	Combination	Max	14.56	7.66
2012	2012-7	Shell-Thin	~13	ENVELOPE	Combination	Max	16.28	16.28
2012	2012-7	Shell-Thin	~4	ENVELOPE	Combination	Max	7.66	14.56
2012	2012-7	Shell-Thin	~2	ENVELOPE	Combination	Min	-23.68	-23.68
2012	2012-7	Shell-Thin	~12	ENVELOPE	Combination	Min	-53.25	-29.6
2012	2012-7	Shell-Thin	~13	ENVELOPE	Combination	Min	-59.16	-59.16
2012	2012-7	Shell-Thin	~4	ENVELOPE	Combination	Min	-29.6	-53.25
2012	2012-8	Shell-Thin	~4	ENVELOPE	Combination	Max	5.33	14.09
2012	2012-8	Shell-Thin	~13	ENVELOPE	Combination	Max	12.06	15.44
2012	2012-8	Shell-Thin	~14	ENVELOPE	Combination	Max	12.06	15.44
2012	2012-8	Shell-Thin	~6	ENVELOPE	Combination	Max	5.33	14.09
2012	2012-8	Shell-Thin	~4	ENVELOPE	Combination	Min	-25.44	-52.42
2012	2012-8	Shell-Thin	~13	ENVELOPE	Combination	Min	-44.78	-56.28
2012	2012-8	Shell-Thin	~14	ENVELOPE	Combination	Min	-44.78	-56.28
2012	2012-8	Shell-Thin	~6	ENVELOPE	Combination	Min	-25.44	-52.42
2012	2012-9	Shell-Thin	~6	ENVELOPE	Combination	Max	7.66	14.56

Table: Element Forces - Area Shells, Part 1 of 5

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11	F22
							KN/m	KN/m
2012	2012-9	Shell-Thin	~14	ENVELOPE	Combination	Max	16.28	16.28
2012	2012-9	Shell-Thin	~15	ENVELOPE	Combination	Max	14.56	7.66
2012	2012-9	Shell-Thin	~8	ENVELOPE	Combination	Max	5.94	5.94
2012	2012-9	Shell-Thin	~6	ENVELOPE	Combination	Min	-29.6	-53.25
2012	2012-9	Shell-Thin	~14	ENVELOPE	Combination	Min	-59.16	-59.16
2012	2012-9	Shell-Thin	~15	ENVELOPE	Combination	Min	-53.25	-29.6
2012	2012-9	Shell-Thin	~8	ENVELOPE	Combination	Min	-23.68	-23.68
2012	2012-10	Shell-Thin	~8	ENVELOPE	Combination	Max	9.37	6.63
2012	2012-10	Shell-Thin	~15	ENVELOPE	Combination	Max	22.49	9.25
2012	2012-10	Shell-Thin	~16	ENVELOPE	Combination	Max	22.17	7.65
2012	2012-10	Shell-Thin	~10	ENVELOPE	Combination	Max	9.05	5.02
2012	2012-10	Shell-Thin	~8	ENVELOPE	Combination	Min	-46.79	-28.31
2012	2012-10	Shell-Thin	~15	ENVELOPE	Combination	Min	-73.51	-33.65
2012	2012-10	Shell-Thin	~16	ENVELOPE	Combination	Min	-72.76	-29.88
2012	2012-10	Shell-Thin	~10	ENVELOPE	Combination	Min	-46.04	-24.54
2012	2012-11	Shell-Thin	~11	ENVELOPE	Combination	Max	23.15	12.55
2012	2012-11	Shell-Thin	~17	ENVELOPE	Combination	Max	23.15	12.55
2012	2012-11	Shell-Thin	~18	ENVELOPE	Combination	Max	22.02	6.92
2012	2012-11	Shell-Thin	~12	ENVELOPE	Combination	Max	22.02	6.92
2012	2012-11	Shell-Thin	~11	ENVELOPE	Combination	Min	-76.94	-50.76
2012	2012-11	Shell-Thin	~17	ENVELOPE	Combination	Min	-76.94	-50.76
2012	2012-11	Shell-Thin	~18	ENVELOPE	Combination	Min	-72.68	-29.5
2012	2012-11	Shell-Thin	~12	ENVELOPE	Combination	Min	-72.68	-29.5
2012	2012-12	Shell-Thin	~12	ENVELOPE	Combination	Max	14.09	5.33
2012	2012-12	Shell-Thin	~18	ENVELOPE	Combination	Max	14.09	5.33
2012	2012-12	Shell-Thin	~19	ENVELOPE	Combination	Max	15.44	12.06
2012	2012-12	Shell-Thin	~13	ENVELOPE	Combination	Max	15.44	12.06
2012	2012-12	Shell-Thin	~12	ENVELOPE	Combination	Min	-52.42	-25.44
2012	2012-12	Shell-Thin	~18	ENVELOPE	Combination	Min	-52.42	-25.44
2012	2012-12	Shell-Thin	~19	ENVELOPE	Combination	Min	-56.28	-44.78
2012	2012-12	Shell-Thin	~13	ENVELOPE	Combination	Min	-56.28	-44.78
2012	2012-13	Shell-Thin	~13	ENVELOPE	Combination	Max	11.21	11.21
2012	2012-13	Shell-Thin	~19	ENVELOPE	Combination	Max	11.21	11.21
2012	2012-13	Shell-Thin	~20	ENVELOPE	Combination	Max	11.21	11.21
2012	2012-13	Shell-Thin	~14	ENVELOPE	Combination	Max	11.21	11.21
2012	2012-13	Shell-Thin	~13	ENVELOPE	Combination	Min	-41.9	-41.9
2012	2012-13	Shell-Thin	~19	ENVELOPE	Combination	Min	-41.9	-41.9
2012	2012-13	Shell-Thin	~20	ENVELOPE	Combination	Min	-41.9	-41.9
2012	2012-13	Shell-Thin	~14	ENVELOPE	Combination	Min	-41.9	-41.9
2012	2012-14	Shell-Thin	~14	ENVELOPE	Combination	Max	15.44	12.06
2012	2012-14	Shell-Thin	~20	ENVELOPE	Combination	Max	15.44	12.06
2012	2012-14	Shell-Thin	~21	ENVELOPE	Combination	Max	14.09	5.33
2012	2012-14	Shell-Thin	~15	ENVELOPE	Combination	Max	14.09	5.33
2012	2012-14	Shell-Thin	~14	ENVELOPE	Combination	Min	-56.28	-44.78
2012	2012-14	Shell-Thin	~20	ENVELOPE	Combination	Min	-56.28	-44.78
2012	2012-14	Shell-Thin	~21	ENVELOPE	Combination	Min	-52.42	-25.44
2012	2012-14	Shell-Thin	~15	ENVELOPE	Combination	Min	-52.42	-25.44
2012	2012-15	Shell-Thin	~15	ENVELOPE	Combination	Max	22.02	6.92
2012	2012-15	Shell-Thin	~21	ENVELOPE	Combination	Max	22.02	6.92
2012	2012-15	Shell-Thin	~22	ENVELOPE	Combination	Max	23.15	12.55
2012	2012-15	Shell-Thin	~16	ENVELOPE	Combination	Max	23.15	12.55
2012	2012-15	Shell-Thin	~15	ENVELOPE	Combination	Min	-72.68	-29.5
2012	2012-15	Shell-Thin	~21	ENVELOPE	Combination	Min	-72.68	-29.5
2012	2012-15	Shell-Thin	~22	ENVELOPE	Combination	Min	-76.94	-50.76
2012	2012-15	Shell-Thin	~16	ENVELOPE	Combination	Min	-76.94	-50.76

Table: Element Forces - Area Shells, Part 1 of 5

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11	F22
							KN/m	KN/m
2012	2012-16	Shell-Thin	~17	ENVELOPE	Combination	Max	22.17	7.65
2012	2012-16	Shell-Thin	~23	ENVELOPE	Combination	Max	9.05	5.02
2012	2012-16	Shell-Thin	~24	ENVELOPE	Combination	Max	9.37	6.63
2012	2012-16	Shell-Thin	~18	ENVELOPE	Combination	Max	22.49	9.25
2012	2012-16	Shell-Thin	~17	ENVELOPE	Combination	Min	-72.76	-29.88
2012	2012-16	Shell-Thin	~23	ENVELOPE	Combination	Min	-46.04	-24.54
2012	2012-16	Shell-Thin	~24	ENVELOPE	Combination	Min	-46.79	-28.31
2012	2012-16	Shell-Thin	~18	ENVELOPE	Combination	Min	-73.51	-33.65
2012	2012-17	Shell-Thin	~18	ENVELOPE	Combination	Max	14.56	7.66
2012	2012-17	Shell-Thin	~24	ENVELOPE	Combination	Max	5.94	5.94
2012	2012-17	Shell-Thin	~25	ENVELOPE	Combination	Max	7.66	14.56
2012	2012-17	Shell-Thin	~19	ENVELOPE	Combination	Max	16.28	16.28
2012	2012-17	Shell-Thin	~18	ENVELOPE	Combination	Min	-53.25	-29.6
2012	2012-17	Shell-Thin	~24	ENVELOPE	Combination	Min	-23.68	-23.68
2012	2012-17	Shell-Thin	~25	ENVELOPE	Combination	Min	-29.6	-53.25
2012	2012-17	Shell-Thin	~19	ENVELOPE	Combination	Min	-59.16	-59.16
2012	2012-18	Shell-Thin	~19	ENVELOPE	Combination	Max	12.06	15.44
2012	2012-18	Shell-Thin	~25	ENVELOPE	Combination	Max	5.33	14.09
2012	2012-18	Shell-Thin	~26	ENVELOPE	Combination	Max	5.33	14.09
2012	2012-18	Shell-Thin	~20	ENVELOPE	Combination	Max	12.06	15.44
2012	2012-18	Shell-Thin	~19	ENVELOPE	Combination	Min	-44.78	-56.28
2012	2012-18	Shell-Thin	~25	ENVELOPE	Combination	Min	-25.44	-52.42
2012	2012-18	Shell-Thin	~26	ENVELOPE	Combination	Min	-25.44	-52.42
2012	2012-18	Shell-Thin	~20	ENVELOPE	Combination	Min	-44.78	-56.28
2012	2012-19	Shell-Thin	~20	ENVELOPE	Combination	Max	16.28	16.28
2012	2012-19	Shell-Thin	~26	ENVELOPE	Combination	Max	7.66	14.56
2012	2012-19	Shell-Thin	~27	ENVELOPE	Combination	Max	5.94	5.94
2012	2012-19	Shell-Thin	~21	ENVELOPE	Combination	Max	14.56	7.66
2012	2012-19	Shell-Thin	~20	ENVELOPE	Combination	Min	-59.16	-59.16
2012	2012-19	Shell-Thin	~26	ENVELOPE	Combination	Min	-29.6	-53.25
2012	2012-19	Shell-Thin	~27	ENVELOPE	Combination	Min	-23.68	-23.68
2012	2012-19	Shell-Thin	~21	ENVELOPE	Combination	Min	-53.25	-29.6
2012	2012-20	Shell-Thin	~21	ENVELOPE	Combination	Max	22.49	9.25
2012	2012-20	Shell-Thin	~27	ENVELOPE	Combination	Max	9.37	6.63
2012	2012-20	Shell-Thin	~28	ENVELOPE	Combination	Max	9.05	5.02
2012	2012-20	Shell-Thin	~22	ENVELOPE	Combination	Max	22.17	7.65
2012	2012-20	Shell-Thin	~21	ENVELOPE	Combination	Min	-73.51	-33.65
2012	2012-20	Shell-Thin	~27	ENVELOPE	Combination	Min	-46.79	-28.31
2012	2012-20	Shell-Thin	~28	ENVELOPE	Combination	Min	-46.04	-24.54
2012	2012-20	Shell-Thin	~22	ENVELOPE	Combination	Min	-72.76	-29.88
2012	2012-21	Shell-Thin	~23	ENVELOPE	Combination	Max	6.88	25.82
2012	2012-21	Shell-Thin	2045	ENVELOPE	Combination	Max	41.27	41.27
2012	2012-21	Shell-Thin	~29	ENVELOPE	Combination	Max	25.82	6.88
2012	2012-21	Shell-Thin	~24	ENVELOPE	Combination	Max	10.05	10.05
2012	2012-21	Shell-Thin	~23	ENVELOPE	Combination	Min	-35.97	-5.8
2012	2012-21	Shell-Thin	2045	ENVELOPE	Combination	Min	-8.97	-8.97
2012	2012-21	Shell-Thin	~29	ENVELOPE	Combination	Min	-5.8	-35.97
2012	2012-21	Shell-Thin	~24	ENVELOPE	Combination	Min	-51.41	-51.41
2012	2012-22	Shell-Thin	~24	ENVELOPE	Combination	Max	6.63	9.37
2012	2012-22	Shell-Thin	~29	ENVELOPE	Combination	Max	5.02	9.05
2012	2012-22	Shell-Thin	~30	ENVELOPE	Combination	Max	7.65	22.17
2012	2012-22	Shell-Thin	~25	ENVELOPE	Combination	Max	9.25	22.49
2012	2012-22	Shell-Thin	~24	ENVELOPE	Combination	Min	-28.31	-46.79
2012	2012-22	Shell-Thin	~29	ENVELOPE	Combination	Min	-24.54	-46.04
2012	2012-22	Shell-Thin	~30	ENVELOPE	Combination	Min	-29.88	-72.76

Table: Element Forces - Area Shells, Part 1 of 5

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11	F22
							KN/m	KN/m
2012	2012-22	Shell-Thin	~25	ENVELOPE	Combination	Min	-33.65	-73.51
2012	2012-23	Shell-Thin	~25	ENVELOPE	Combination	Max	6.92	22.02
2012	2012-23	Shell-Thin	~30	ENVELOPE	Combination	Max	12.55	23.15
2012	2012-23	Shell-Thin	~31	ENVELOPE	Combination	Max	12.55	23.15
2012	2012-23	Shell-Thin	~26	ENVELOPE	Combination	Max	6.92	22.02
2012	2012-23	Shell-Thin	~25	ENVELOPE	Combination	Min	-29.5	-72.68
2012	2012-23	Shell-Thin	~30	ENVELOPE	Combination	Min	-50.76	-76.94
2012	2012-23	Shell-Thin	~31	ENVELOPE	Combination	Min	-50.76	-76.94
2012	2012-23	Shell-Thin	~26	ENVELOPE	Combination	Min	-29.5	-72.68
2012	2012-24	Shell-Thin	~26	ENVELOPE	Combination	Max	9.25	22.49
2012	2012-24	Shell-Thin	~31	ENVELOPE	Combination	Max	7.65	22.17
2012	2012-24	Shell-Thin	~32	ENVELOPE	Combination	Max	5.02	9.05
2012	2012-24	Shell-Thin	~27	ENVELOPE	Combination	Max	6.63	9.37
2012	2012-24	Shell-Thin	~26	ENVELOPE	Combination	Min	-33.65	-73.51
2012	2012-24	Shell-Thin	~31	ENVELOPE	Combination	Min	-29.88	-72.76
2012	2012-24	Shell-Thin	~32	ENVELOPE	Combination	Min	-24.54	-46.04
2012	2012-24	Shell-Thin	~27	ENVELOPE	Combination	Min	-28.31	-46.79
2012	2012-25	Shell-Thin	~27	ENVELOPE	Combination	Max	10.05	10.05
2012	2012-25	Shell-Thin	~32	ENVELOPE	Combination	Max	25.82	6.88
2012	2012-25	Shell-Thin	2044	ENVELOPE	Combination	Max	41.27	41.27
2012	2012-25	Shell-Thin	~28	ENVELOPE	Combination	Max	6.88	25.82
2012	2012-25	Shell-Thin	~27	ENVELOPE	Combination	Min	-51.41	-51.41
2012	2012-25	Shell-Thin	~32	ENVELOPE	Combination	Min	-5.8	-35.97
2012	2012-25	Shell-Thin	2044	ENVELOPE	Combination	Min	-8.97	-8.97
2012	2012-25	Shell-Thin	~28	ENVELOPE	Combination	Min	-35.97	-5.8
2114	2114-1	Shell-Thin	1	ENVELOPE	Combination	Max	-4.09	-3.21
2114	2114-1	Shell-Thin	~33	ENVELOPE	Combination	Max	-3.2	1.18
2114	2114-1	Shell-Thin	~34	ENVELOPE	Combination	Max	10.45	-1.77
2114	2114-1	Shell-Thin	~35	ENVELOPE	Combination	Max	10.77	-0.15
2114	2114-1	Shell-Thin	1	ENVELOPE	Combination	Min	-4.5	-3.28
2114	2114-1	Shell-Thin	~33	ENVELOPE	Combination	Min	-4.83	-4.83
2114	2114-1	Shell-Thin	~34	ENVELOPE	Combination	Min	-28.57	-3.9
2114	2114-1	Shell-Thin	~35	ENVELOPE	Combination	Min	-29.46	-8.35
2114	2114-2	Shell-Thin	~35	ENVELOPE	Combination	Max	9.16	-8.22
2114	2114-2	Shell-Thin	~34	ENVELOPE	Combination	Max	8.93	-6.51
2114	2114-2	Shell-Thin	~36	ENVELOPE	Combination	Max	17.96	-7.57
2114	2114-2	Shell-Thin	~37	ENVELOPE	Combination	Max	18.2	-6.42
2114	2114-2	Shell-Thin	~35	ENVELOPE	Combination	Min	-30.11	-11.6
2114	2114-2	Shell-Thin	~34	ENVELOPE	Combination	Min	-29.09	-9.38
2114	2114-2	Shell-Thin	~36	ENVELOPE	Combination	Min	-39.9	-8.67
2114	2114-2	Shell-Thin	~37	ENVELOPE	Combination	Min	-40.91	-13.76
2114	2114-3	Shell-Thin	~37	ENVELOPE	Combination	Max	16.53	-14.76
2114	2114-3	Shell-Thin	~36	ENVELOPE	Combination	Max	16.66	-13.01
2114	2114-3	Shell-Thin	~38	ENVELOPE	Combination	Max	27.12	-12.01
2114	2114-3	Shell-Thin	~39	ENVELOPE	Combination	Max	26.98	-12.67
2114	2114-3	Shell-Thin	~37	ENVELOPE	Combination	Min	-41.63	-17.36
2114	2114-3	Shell-Thin	~36	ENVELOPE	Combination	Min	-40.76	-14.1
2114	2114-3	Shell-Thin	~38	ENVELOPE	Combination	Min	-54.44	-15.75
2114	2114-3	Shell-Thin	~39	ENVELOPE	Combination	Min	-55.31	-20.09
2114	2114-4	Shell-Thin	~39	ENVELOPE	Combination	Max	26.02	-17.49
2114	2114-4	Shell-Thin	~38	ENVELOPE	Combination	Max	25.66	-17.93
2114	2114-4	Shell-Thin	~40	ENVELOPE	Combination	Max	37.14	-17.
2114	2114-4	Shell-Thin	~41	ENVELOPE	Combination	Max	37.5	-15.2
2114	2114-4	Shell-Thin	~39	ENVELOPE	Combination	Min	-56.97	-28.41
2114	2114-4	Shell-Thin	~38	ENVELOPE	Combination	Min	-54.88	-19.3

Table: Element Forces - Area Shells, Part 1 of 5

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11	F22
							KN/m	KN/m
2114	2114-4	Shell-Thin	~40	ENVELOPE	Combination	Min	-67.45	-20.45
2114	2114-4	Shell-Thin	~41	ENVELOPE	Combination	Min	-69.55	-30.93
2114	2114-5	Shell-Thin	~41	ENVELOPE	Combination	Max	37.72	-14.14
2114	2114-5	Shell-Thin	~40	ENVELOPE	Combination	Max	35.7	-22.63
2114	2114-5	Shell-Thin	~42	ENVELOPE	Combination	Max	46.51	-22.07
2114	2114-5	Shell-Thin	~43	ENVELOPE	Combination	Max	48.53	-11.98
2114	2114-5	Shell-Thin	~41	ENVELOPE	Combination	Min	-71.56	-41.
2114	2114-5	Shell-Thin	~40	ENVELOPE	Combination	Min	-67.89	-24.23
2114	2114-5	Shell-Thin	~42	ENVELOPE	Combination	Min	-75.24	-24.1
2114	2114-5	Shell-Thin	~43	ENVELOPE	Combination	Min	-78.91	-42.47
2114	2114-6	Shell-Thin	~43	ENVELOPE	Combination	Max	50.69	-1.19
2114	2114-6	Shell-Thin	~42	ENVELOPE	Combination	Max	44.84	-26.5
2114	2114-6	Shell-Thin	~44	ENVELOPE	Combination	Max	53.21	-25.76
2114	2114-6	Shell-Thin	~45	ENVELOPE	Combination	Max	59.06	0.49
2114	2114-6	Shell-Thin	~43	ENVELOPE	Combination	Min	-80.16	-48.73
2114	2114-6	Shell-Thin	~42	ENVELOPE	Combination	Min	-75.72	-30.42
2114	2114-6	Shell-Thin	~44	ENVELOPE	Combination	Min	-72.02	-28.74
2114	2114-6	Shell-Thin	~45	ENVELOPE	Combination	Min	-76.47	-47.99
2114	2114-7	Shell-Thin	~45	ENVELOPE	Combination	Max	62.94	19.92
2114	2114-7	Shell-Thin	~44	ENVELOPE	Combination	Max	51.41	-31.25
2114	2114-7	Shell-Thin	~46	ENVELOPE	Combination	Max	42.33	-26.44
2114	2114-7	Shell-Thin	~47	ENVELOPE	Combination	Max	53.86	18.1
2114	2114-7	Shell-Thin	~45	ENVELOPE	Combination	Min	-74.75	-39.4
2114	2114-7	Shell-Thin	~44	ENVELOPE	Combination	Min	-73.12	-37.74
2114	2114-7	Shell-Thin	~46	ENVELOPE	Combination	Min	-49.08	-39.56
2114	2114-7	Shell-Thin	~47	ENVELOPE	Combination	Min	-50.7	-34.59
2114	2114-8	Shell-Thin	~47	ENVELOPE	Combination	Max	57.94	38.51
2114	2114-8	Shell-Thin	~46	ENVELOPE	Combination	Max	41.76	-42.39
2114	2114-8	Shell-Thin	~1	ENVELOPE	Combination	Max	27.65	-26.81
2114	2114-8	Shell-Thin	2042	ENVELOPE	Combination	Max	32.91	26.55
2114	2114-8	Shell-Thin	~47	ENVELOPE	Combination	Min	-47.09	-16.53
2114	2114-8	Shell-Thin	~46	ENVELOPE	Combination	Min	-52.35	-42.81
2114	2114-8	Shell-Thin	~1	ENVELOPE	Combination	Min	-18.04	-54.35
2114	2114-8	Shell-Thin	2042	ENVELOPE	Combination	Min	-1.86	-0.53
2114	2114-9	Shell-Thin	~33	ENVELOPE	Combination	Max	-2.92	3.896E -02
2114	2114-9	Shell-Thin	~48	ENVELOPE	Combination	Max	-2.81	-0.64
2114	2114-9	Shell-Thin	~49	ENVELOPE	Combination	Max	9.11	-1.52
2114	2114-9	Shell-Thin	~34	ENVELOPE	Combination	Max	9.	-2.06
2114	2114-9	Shell-Thin	~33	ENVELOPE	Combination	Min	-8.89	-4.45
2114	2114-9	Shell-Thin	~48	ENVELOPE	Combination	Min	-9.03	-3.9
2114	2114-9	Shell-Thin	~49	ENVELOPE	Combination	Min	-26.05	-4.05
2114	2114-9	Shell-Thin	~34	ENVELOPE	Combination	Min	-25.92	-3.37
2114	2114-10	Shell-Thin	~34	ENVELOPE	Combination	Max	7.48	-5.98
2114	2114-10	Shell-Thin	~49	ENVELOPE	Combination	Max	7.52	-4.95
2114	2114-10	Shell-Thin	~50	ENVELOPE	Combination	Max	18.91	-7.18
2114	2114-10	Shell-Thin	~36	ENVELOPE	Combination	Max	18.87	-7.39
2114	2114-10	Shell-Thin	~34	ENVELOPE	Combination	Min	-26.44	-9.67
2114	2114-10	Shell-Thin	~49	ENVELOPE	Combination	Min	-26.23	-9.46
2114	2114-10	Shell-Thin	~50	ENVELOPE	Combination	Min	-42.25	-8.15
2114	2114-10	Shell-Thin	~36	ENVELOPE	Combination	Min	-42.45	-9.19
2114	2114-11	Shell-Thin	~36	ENVELOPE	Combination	Max	17.56	-13.52
2114	2114-11	Shell-Thin	~50	ENVELOPE	Combination	Max	17.22	-8.7
2114	2114-11	Shell-Thin	~51	ENVELOPE	Combination	Max	28.84	-11.41
2114	2114-11	Shell-Thin	~38	ENVELOPE	Combination	Max	29.18	-11.59
2114	2114-11	Shell-Thin	~36	ENVELOPE	Combination	Min	-43.32	-13.92

Table: Element Forces - Area Shells, Part 1 of 5

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11	F22
							KN/m	KN/m
2114	2114-11	Shell-Thin	~50	ENVELOPE	Combination	Min	-42.35	-15.61
2114	2114-11	Shell-Thin	~51	ENVELOPE	Combination	Min	-55.94	-13.29
2114	2114-11	Shell-Thin	~38	ENVELOPE	Combination	Min	-56.9	-16.24
2114	2114-12	Shell-Thin	~38	ENVELOPE	Combination	Max	27.72	-18.42
2114	2114-12	Shell-Thin	~51	ENVELOPE	Combination	Max	26.84	-12.28
2114	2114-12	Shell-Thin	~52	ENVELOPE	Combination	Max	40.22	-14.65
2114	2114-12	Shell-Thin	~40	ENVELOPE	Combination	Max	41.1	-16.21
2114	2114-12	Shell-Thin	~38	ENVELOPE	Combination	Min	-57.34	-18.88
2114	2114-12	Shell-Thin	~51	ENVELOPE	Combination	Min	-56.11	-23.3
2114	2114-12	Shell-Thin	~52	ENVELOPE	Combination	Min	-67.96	-20.62
2114	2114-12	Shell-Thin	~40	ENVELOPE	Combination	Min	-69.19	-20.79
2114	2114-13	Shell-Thin	~40	ENVELOPE	Combination	Max	39.65	-22.98
2114	2114-13	Shell-Thin	~52	ENVELOPE	Combination	Max	37.54	-16.92
2114	2114-13	Shell-Thin	~53	ENVELOPE	Combination	Max	51.6	-17.69
2114	2114-13	Shell-Thin	~42	ENVELOPE	Combination	Max	53.72	-20.62
2114	2114-13	Shell-Thin	~40	ENVELOPE	Combination	Min	-69.63	-23.44
2114	2114-13	Shell-Thin	~52	ENVELOPE	Combination	Min	-68.41	-34.01
2114	2114-13	Shell-Thin	~53	ENVELOPE	Combination	Min	-72.27	-31.2
2114	2114-13	Shell-Thin	~42	ENVELOPE	Combination	Min	-73.49	-23.75
2114	2114-14	Shell-Thin	~42	ENVELOPE	Combination	Max	52.05	-26.15
2114	2114-14	Shell-Thin	~53	ENVELOPE	Combination	Max	48.43	-26.88
2114	2114-14	Shell-Thin	~54	ENVELOPE	Combination	Max	56.08	-24.7
2114	2114-14	Shell-Thin	~44	ENVELOPE	Combination	Max	59.69	-23.97
2114	2114-14	Shell-Thin	~42	ENVELOPE	Combination	Min	-73.97	-28.97
2114	2114-14	Shell-Thin	~53	ENVELOPE	Combination	Min	-74.11	-47.05
2114	2114-14	Shell-Thin	~54	ENVELOPE	Combination	Min	-63.2	-45.52
2114	2114-14	Shell-Thin	~44	ENVELOPE	Combination	Min	-63.05	-27.45
2114	2114-15	Shell-Thin	~44	ENVELOPE	Combination	Max	57.89	-29.45
2114	2114-15	Shell-Thin	~54	ENVELOPE	Combination	Max	53.42	-46.09
2114	2114-15	Shell-Thin	~55	ENVELOPE	Combination	Max	40.57	-40.22
2114	2114-15	Shell-Thin	~46	ENVELOPE	Combination	Max	45.04	-23.58
2114	2114-15	Shell-Thin	~44	ENVELOPE	Combination	Min	-64.15	-36.45
2114	2114-15	Shell-Thin	~54	ENVELOPE	Combination	Min	-67.48	-58.79
2114	2114-15	Shell-Thin	~55	ENVELOPE	Combination	Min	-38.09	-61.36
2114	2114-15	Shell-Thin	~46	ENVELOPE	Combination	Min	-34.76	-39.02
2114	2114-16	Shell-Thin	~46	ENVELOPE	Combination	Max	44.47	-39.95
2114	2114-16	Shell-Thin	~55	ENVELOPE	Combination	Max	39.65	-62.23
2114	2114-16	Shell-Thin	~11	ENVELOPE	Combination	Max	-12.05	-59.17
2114	2114-16	Shell-Thin	~1	ENVELOPE	Combination	Max	-7.23	-36.88
2114	2114-16	Shell-Thin	~46	ENVELOPE	Combination	Min	-38.04	-41.85
2114	2114-16	Shell-Thin	~55	ENVELOPE	Combination	Min	-42.49	-65.96
2114	2114-16	Shell-Thin	~11	ENVELOPE	Combination	Min	-27.16	-76.3
2114	2114-16	Shell-Thin	~1	ENVELOPE	Combination	Min	-22.71	-52.19
2114	2114-17	Shell-Thin	~48	ENVELOPE	Combination	Max	-2.52	-0.92
2114	2114-17	Shell-Thin	~56	ENVELOPE	Combination	Max	-2.52	-0.92
2114	2114-17	Shell-Thin	~57	ENVELOPE	Combination	Max	8.84	-1.57
2114	2114-17	Shell-Thin	~49	ENVELOPE	Combination	Max	8.84	-1.57
2114	2114-17	Shell-Thin	~48	ENVELOPE	Combination	Min	-10.4	-3.84
2114	2114-17	Shell-Thin	~56	ENVELOPE	Combination	Min	-10.4	-3.84
2114	2114-17	Shell-Thin	~57	ENVELOPE	Combination	Min	-25.87	-4.01
2114	2114-17	Shell-Thin	~49	ENVELOPE	Combination	Min	-25.87	-4.01
2114	2114-18	Shell-Thin	~49	ENVELOPE	Combination	Max	7.25	-4.91
2114	2114-18	Shell-Thin	~57	ENVELOPE	Combination	Max	7.25	-4.91
2114	2114-18	Shell-Thin	~58	ENVELOPE	Combination	Max	19.12	-7.14
2114	2114-18	Shell-Thin	~50	ENVELOPE	Combination	Max	19.12	-7.14

Table: Element Forces - Area Shells, Part 1 of 5

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11	F22
							KN/m	KN/m
2114	2114-18	Shell-Thin	~49	ENVELOPE	Combination	Min	-26.05	-9.51
2114	2114-18	Shell-Thin	~57	ENVELOPE	Combination	Min	-26.05	-9.51
2114	2114-18	Shell-Thin	~58	ENVELOPE	Combination	Min	-42.45	-8.19
2114	2114-18	Shell-Thin	~50	ENVELOPE	Combination	Min	-42.45	-8.19
2114	2114-19	Shell-Thin	~50	ENVELOPE	Combination	Max	17.43	-8.74
2114	2114-19	Shell-Thin	~58	ENVELOPE	Combination	Max	17.43	-8.74
2114	2114-19	Shell-Thin	~59	ENVELOPE	Combination	Max	30.11	-11.72
2114	2114-19	Shell-Thin	~51	ENVELOPE	Combination	Max	30.11	-11.72
2114	2114-19	Shell-Thin	~50	ENVELOPE	Combination	Min	-42.56	-15.57
2114	2114-19	Shell-Thin	~58	ENVELOPE	Combination	Min	-42.56	-15.57
2114	2114-19	Shell-Thin	~59	ENVELOPE	Combination	Min	-57.48	-13.03
2114	2114-19	Shell-Thin	~51	ENVELOPE	Combination	Min	-57.48	-13.03
2114	2114-20	Shell-Thin	~51	ENVELOPE	Combination	Max	28.11	-12.59
2114	2114-20	Shell-Thin	~59	ENVELOPE	Combination	Max	28.11	-12.59
2114	2114-20	Shell-Thin	~60	ENVELOPE	Combination	Max	42.74	-14.7
2114	2114-20	Shell-Thin	~52	ENVELOPE	Combination	Max	42.74	-14.7
2114	2114-20	Shell-Thin	~51	ENVELOPE	Combination	Min	-57.65	-23.04
2114	2114-20	Shell-Thin	~59	ENVELOPE	Combination	Min	-57.65	-23.04
2114	2114-20	Shell-Thin	~60	ENVELOPE	Combination	Min	-68.23	-20.12
2114	2114-20	Shell-Thin	~52	ENVELOPE	Combination	Min	-68.23	-20.12
2114	2114-21	Shell-Thin	~52	ENVELOPE	Combination	Max	40.06	-16.97
2114	2114-21	Shell-Thin	~60	ENVELOPE	Combination	Max	40.06	-16.97
2114	2114-21	Shell-Thin	~61	ENVELOPE	Combination	Max	54.66	-17.26
2114	2114-21	Shell-Thin	~53	ENVELOPE	Combination	Max	54.66	-17.26
2114	2114-21	Shell-Thin	~52	ENVELOPE	Combination	Min	-68.68	-33.51
2114	2114-21	Shell-Thin	~60	ENVELOPE	Combination	Min	-68.68	-33.51
2114	2114-21	Shell-Thin	~61	ENVELOPE	Combination	Min	-70.14	-30.59
2114	2114-21	Shell-Thin	~53	ENVELOPE	Combination	Min	-70.14	-30.59
2114	2114-22	Shell-Thin	~53	ENVELOPE	Combination	Max	51.49	-26.46
2114	2114-22	Shell-Thin	~61	ENVELOPE	Combination	Max	51.49	-26.46
2114	2114-22	Shell-Thin	~62	ENVELOPE	Combination	Max	58.13	-23.26
2114	2114-22	Shell-Thin	~54	ENVELOPE	Combination	Max	58.13	-23.26
2114	2114-22	Shell-Thin	~53	ENVELOPE	Combination	Min	-71.98	-46.44
2114	2114-22	Shell-Thin	~61	ENVELOPE	Combination	Min	-71.98	-46.44
2114	2114-22	Shell-Thin	~62	ENVELOPE	Combination	Min	-55.98	-45.11
2114	2114-22	Shell-Thin	~54	ENVELOPE	Combination	Min	-55.98	-45.11
2114	2114-23	Shell-Thin	~54	ENVELOPE	Combination	Max	55.47	-44.65
2114	2114-23	Shell-Thin	~62	ENVELOPE	Combination	Max	55.47	-44.65
2114	2114-23	Shell-Thin	~63	ENVELOPE	Combination	Max	38.79	-39.35
2114	2114-23	Shell-Thin	~55	ENVELOPE	Combination	Max	38.79	-39.35
2114	2114-23	Shell-Thin	~54	ENVELOPE	Combination	Min	-60.26	-58.38
2114	2114-23	Shell-Thin	~62	ENVELOPE	Combination	Min	-60.26	-58.38
2114	2114-23	Shell-Thin	~63	ENVELOPE	Combination	Min	-33.77	-61.72
2114	2114-23	Shell-Thin	~55	ENVELOPE	Combination	Min	-33.77	-61.72
2114	2114-24	Shell-Thin	~55	ENVELOPE	Combination	Max	37.88	-61.37
2114	2114-24	Shell-Thin	~63	ENVELOPE	Combination	Max	37.88	-61.37
2114	2114-24	Shell-Thin	~17	ENVELOPE	Combination	Max	-7.14	-63.34
2114	2114-24	Shell-Thin	~11	ENVELOPE	Combination	Max	-7.14	-63.34
2114	2114-24	Shell-Thin	~55	ENVELOPE	Combination	Min	-38.18	-66.32
2114	2114-24	Shell-Thin	~63	ENVELOPE	Combination	Min	-38.18	-66.32
2114	2114-24	Shell-Thin	~17	ENVELOPE	Combination	Min	-48.04	-75.32
2114	2114-24	Shell-Thin	~11	ENVELOPE	Combination	Min	-48.04	-75.32
2114	2114-25	Shell-Thin	~56	ENVELOPE	Combination	Max	-2.81	-0.64
2114	2114-25	Shell-Thin	~64	ENVELOPE	Combination	Max	-2.92	3.896E -02
2114	2114-25	Shell-Thin	~65	ENVELOPE	Combination	Max	9.	-2.06

Table: Element Forces - Area Shells, Part 1 of 5

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11	F22
							KN/m	KN/m
2114	2114-25	Shell-Thin	~57	ENVELOPE	Combination	Max	9.11	-1.52
2114	2114-25	Shell-Thin	~56	ENVELOPE	Combination	Min	-9.03	-3.9
2114	2114-25	Shell-Thin	~64	ENVELOPE	Combination	Min	-8.89	-4.45
2114	2114-25	Shell-Thin	~65	ENVELOPE	Combination	Min	-25.92	-3.37
2114	2114-25	Shell-Thin	~57	ENVELOPE	Combination	Min	-26.05	-4.05
2114	2114-26	Shell-Thin	~57	ENVELOPE	Combination	Max	7.52	-4.95
2114	2114-26	Shell-Thin	~65	ENVELOPE	Combination	Max	7.48	-5.98
2114	2114-26	Shell-Thin	~66	ENVELOPE	Combination	Max	18.87	-7.39
2114	2114-26	Shell-Thin	~58	ENVELOPE	Combination	Max	18.91	-7.18
2114	2114-26	Shell-Thin	~57	ENVELOPE	Combination	Min	-26.23	-9.46
2114	2114-26	Shell-Thin	~65	ENVELOPE	Combination	Min	-26.44	-9.67
2114	2114-26	Shell-Thin	~66	ENVELOPE	Combination	Min	-42.45	-9.19
2114	2114-26	Shell-Thin	~58	ENVELOPE	Combination	Min	-42.25	-8.15
2114	2114-27	Shell-Thin	~58	ENVELOPE	Combination	Max	17.22	-8.7
2114	2114-27	Shell-Thin	~66	ENVELOPE	Combination	Max	17.56	-13.52
2114	2114-27	Shell-Thin	~67	ENVELOPE	Combination	Max	29.18	-11.59
2114	2114-27	Shell-Thin	~59	ENVELOPE	Combination	Max	28.84	-11.41
2114	2114-27	Shell-Thin	~58	ENVELOPE	Combination	Min	-42.35	-15.61
2114	2114-27	Shell-Thin	~66	ENVELOPE	Combination	Min	-43.32	-13.92
2114	2114-27	Shell-Thin	~67	ENVELOPE	Combination	Min	-56.9	-16.24
2114	2114-27	Shell-Thin	~59	ENVELOPE	Combination	Min	-55.94	-13.29
2114	2114-28	Shell-Thin	~59	ENVELOPE	Combination	Max	26.84	-12.28
2114	2114-28	Shell-Thin	~67	ENVELOPE	Combination	Max	27.72	-18.42
2114	2114-28	Shell-Thin	~68	ENVELOPE	Combination	Max	41.1	-16.21
2114	2114-28	Shell-Thin	~60	ENVELOPE	Combination	Max	40.22	-14.65
2114	2114-28	Shell-Thin	~59	ENVELOPE	Combination	Min	-56.11	-23.3
2114	2114-28	Shell-Thin	~67	ENVELOPE	Combination	Min	-57.34	-18.88
2114	2114-28	Shell-Thin	~68	ENVELOPE	Combination	Min	-69.19	-20.79
2114	2114-28	Shell-Thin	~60	ENVELOPE	Combination	Min	-67.96	-20.62
2114	2114-29	Shell-Thin	~60	ENVELOPE	Combination	Max	37.54	-16.92
2114	2114-29	Shell-Thin	~68	ENVELOPE	Combination	Max	39.65	-22.98
2114	2114-29	Shell-Thin	~69	ENVELOPE	Combination	Max	53.72	-20.62
2114	2114-29	Shell-Thin	~61	ENVELOPE	Combination	Max	51.6	-17.69
2114	2114-29	Shell-Thin	~60	ENVELOPE	Combination	Min	-68.41	-34.01
2114	2114-29	Shell-Thin	~68	ENVELOPE	Combination	Min	-69.63	-23.44
2114	2114-29	Shell-Thin	~69	ENVELOPE	Combination	Min	-73.49	-23.75
2114	2114-29	Shell-Thin	~61	ENVELOPE	Combination	Min	-72.27	-31.2
2114	2114-30	Shell-Thin	~61	ENVELOPE	Combination	Max	48.43	-26.88
2114	2114-30	Shell-Thin	~69	ENVELOPE	Combination	Max	52.05	-26.15
2114	2114-30	Shell-Thin	~70	ENVELOPE	Combination	Max	59.69	-23.97
2114	2114-30	Shell-Thin	~62	ENVELOPE	Combination	Max	56.08	-24.7
2114	2114-30	Shell-Thin	~61	ENVELOPE	Combination	Min	-74.11	-47.05
2114	2114-30	Shell-Thin	~69	ENVELOPE	Combination	Min	-73.97	-28.97
2114	2114-30	Shell-Thin	~70	ENVELOPE	Combination	Min	-63.05	-27.45
2114	2114-30	Shell-Thin	~62	ENVELOPE	Combination	Min	-63.2	-45.52
2114	2114-31	Shell-Thin	~62	ENVELOPE	Combination	Max	53.42	-46.09
2114	2114-31	Shell-Thin	~70	ENVELOPE	Combination	Max	57.89	-29.45
2114	2114-31	Shell-Thin	~71	ENVELOPE	Combination	Max	45.04	-23.58
2114	2114-31	Shell-Thin	~63	ENVELOPE	Combination	Max	40.57	-40.22
2114	2114-31	Shell-Thin	~62	ENVELOPE	Combination	Min	-67.48	-58.79
2114	2114-31	Shell-Thin	~70	ENVELOPE	Combination	Min	-64.15	-36.45
2114	2114-31	Shell-Thin	~71	ENVELOPE	Combination	Min	-34.76	-39.02
2114	2114-31	Shell-Thin	~63	ENVELOPE	Combination	Min	-38.09	-61.36
2114	2114-32	Shell-Thin	~63	ENVELOPE	Combination	Max	39.65	-62.23
2114	2114-32	Shell-Thin	~71	ENVELOPE	Combination	Max	44.47	-39.95

Table: Element Forces - Area Shells, Part 1 of 5

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11	F22
							KN/m	KN/m
2114	2114-32	Shell-Thin	~23	ENVELOPE	Combination	Max	-7.23	-36.88
2114	2114-32	Shell-Thin	~17	ENVELOPE	Combination	Max	-12.05	-59.17
2114	2114-32	Shell-Thin	~63	ENVELOPE	Combination	Min	-42.49	-65.96
2114	2114-32	Shell-Thin	~71	ENVELOPE	Combination	Min	-38.04	-41.85
2114	2114-32	Shell-Thin	~23	ENVELOPE	Combination	Min	-22.71	-52.19
2114	2114-32	Shell-Thin	~17	ENVELOPE	Combination	Min	-27.16	-76.3
2114	2114-33	Shell-Thin	~64	ENVELOPE	Combination	Max	-3.2	1.18
2114	2114-33	Shell-Thin	3	ENVELOPE	Combination	Max	-4.09	-3.21
2114	2114-33	Shell-Thin	~72	ENVELOPE	Combination	Max	10.77	-0.15
2114	2114-33	Shell-Thin	~65	ENVELOPE	Combination	Max	10.45	-1.77
2114	2114-33	Shell-Thin	~64	ENVELOPE	Combination	Min	-4.83	-4.83
2114	2114-33	Shell-Thin	3	ENVELOPE	Combination	Min	-4.5	-3.28
2114	2114-33	Shell-Thin	~72	ENVELOPE	Combination	Min	-29.46	-8.35
2114	2114-33	Shell-Thin	~65	ENVELOPE	Combination	Min	-28.57	-3.9
2114	2114-34	Shell-Thin	~65	ENVELOPE	Combination	Max	8.93	-6.51
2114	2114-34	Shell-Thin	~72	ENVELOPE	Combination	Max	9.16	-8.22
2114	2114-34	Shell-Thin	~73	ENVELOPE	Combination	Max	18.2	-6.42
2114	2114-34	Shell-Thin	~66	ENVELOPE	Combination	Max	17.96	-7.57
2114	2114-34	Shell-Thin	~65	ENVELOPE	Combination	Min	-29.09	-9.38
2114	2114-34	Shell-Thin	~72	ENVELOPE	Combination	Min	-30.11	-11.6
2114	2114-34	Shell-Thin	~73	ENVELOPE	Combination	Min	-40.91	-13.76
2114	2114-34	Shell-Thin	~66	ENVELOPE	Combination	Min	-39.9	-8.67
2114	2114-35	Shell-Thin	~66	ENVELOPE	Combination	Max	16.66	-13.01
2114	2114-35	Shell-Thin	~73	ENVELOPE	Combination	Max	16.53	-14.76
2114	2114-35	Shell-Thin	~74	ENVELOPE	Combination	Max	26.98	-12.67
2114	2114-35	Shell-Thin	~67	ENVELOPE	Combination	Max	27.12	-12.01
2114	2114-35	Shell-Thin	~66	ENVELOPE	Combination	Min	-40.76	-14.1
2114	2114-35	Shell-Thin	~73	ENVELOPE	Combination	Min	-41.63	-17.36
2114	2114-35	Shell-Thin	~74	ENVELOPE	Combination	Min	-55.31	-20.09
2114	2114-35	Shell-Thin	~67	ENVELOPE	Combination	Min	-54.44	-15.75
2114	2114-36	Shell-Thin	~67	ENVELOPE	Combination	Max	25.66	-17.93
2114	2114-36	Shell-Thin	~74	ENVELOPE	Combination	Max	26.02	-17.49
2114	2114-36	Shell-Thin	~75	ENVELOPE	Combination	Max	37.5	-15.2
2114	2114-36	Shell-Thin	~68	ENVELOPE	Combination	Max	37.14	-17.
2114	2114-36	Shell-Thin	~67	ENVELOPE	Combination	Min	-54.88	-19.3
2114	2114-36	Shell-Thin	~74	ENVELOPE	Combination	Min	-56.97	-28.41
2114	2114-36	Shell-Thin	~75	ENVELOPE	Combination	Min	-69.55	-30.93
2114	2114-36	Shell-Thin	~68	ENVELOPE	Combination	Min	-67.45	-20.45
2114	2114-37	Shell-Thin	~68	ENVELOPE	Combination	Max	35.7	-22.63
2114	2114-37	Shell-Thin	~75	ENVELOPE	Combination	Max	37.72	-14.14
2114	2114-37	Shell-Thin	~76	ENVELOPE	Combination	Max	48.53	-11.98
2114	2114-37	Shell-Thin	~69	ENVELOPE	Combination	Max	46.51	-22.07
2114	2114-37	Shell-Thin	~68	ENVELOPE	Combination	Min	-67.89	-24.23
2114	2114-37	Shell-Thin	~75	ENVELOPE	Combination	Min	-71.56	-41.
2114	2114-37	Shell-Thin	~76	ENVELOPE	Combination	Min	-78.91	-42.47
2114	2114-37	Shell-Thin	~69	ENVELOPE	Combination	Min	-75.24	-24.1
2114	2114-38	Shell-Thin	~69	ENVELOPE	Combination	Max	44.84	-26.5
2114	2114-38	Shell-Thin	~76	ENVELOPE	Combination	Max	50.69	-1.19
2114	2114-38	Shell-Thin	~77	ENVELOPE	Combination	Max	59.06	0.49
2114	2114-38	Shell-Thin	~70	ENVELOPE	Combination	Max	53.21	-25.76
2114	2114-38	Shell-Thin	~69	ENVELOPE	Combination	Min	-75.72	-30.42
2114	2114-38	Shell-Thin	~76	ENVELOPE	Combination	Min	-80.16	-48.73
2114	2114-38	Shell-Thin	~77	ENVELOPE	Combination	Min	-76.47	-47.99
2114	2114-38	Shell-Thin	~70	ENVELOPE	Combination	Min	-72.02	-28.74
2114	2114-39	Shell-Thin	~70	ENVELOPE	Combination	Max	51.41	-31.25

Table: Element Forces - Area Shells, Part 1 of 5

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11	F22
							KN/m	KN/m
2114	2114-39	Shell-Thin	~77	ENVELOPE	Combination	Max	62.94	19.92
2114	2114-39	Shell-Thin	~78	ENVELOPE	Combination	Max	53.86	18.1
2114	2114-39	Shell-Thin	~71	ENVELOPE	Combination	Max	42.33	-26.44
2114	2114-39	Shell-Thin	~70	ENVELOPE	Combination	Min	-73.12	-37.74
2114	2114-39	Shell-Thin	~77	ENVELOPE	Combination	Min	-74.75	-39.4
2114	2114-39	Shell-Thin	~78	ENVELOPE	Combination	Min	-50.7	-34.59
2114	2114-39	Shell-Thin	~71	ENVELOPE	Combination	Min	-49.08	-39.56
2114	2114-40	Shell-Thin	~71	ENVELOPE	Combination	Max	41.76	-42.39
2114	2114-40	Shell-Thin	~78	ENVELOPE	Combination	Max	57.94	38.51
2114	2114-40	Shell-Thin	2045	ENVELOPE	Combination	Max	32.91	26.55
2114	2114-40	Shell-Thin	~23	ENVELOPE	Combination	Max	27.65	-26.81
2114	2114-40	Shell-Thin	~71	ENVELOPE	Combination	Min	-52.35	-42.81
2114	2114-40	Shell-Thin	~78	ENVELOPE	Combination	Min	-47.09	-16.53
2114	2114-40	Shell-Thin	2045	ENVELOPE	Combination	Min	-1.86	-0.53
2114	2114-40	Shell-Thin	~23	ENVELOPE	Combination	Min	-18.04	-54.35
2214	2214-1	Shell-Thin	3	ENVELOPE	Combination	Max	-4.09	-3.21
2214	2214-1	Shell-Thin	~79	ENVELOPE	Combination	Max	-3.2	1.18
2214	2214-1	Shell-Thin	~80	ENVELOPE	Combination	Max	10.45	-1.77
2214	2214-1	Shell-Thin	~72	ENVELOPE	Combination	Max	10.77	-0.15
2214	2214-1	Shell-Thin	3	ENVELOPE	Combination	Min	-4.5	-3.28
2214	2214-1	Shell-Thin	~79	ENVELOPE	Combination	Min	-4.83	-4.83
2214	2214-1	Shell-Thin	~80	ENVELOPE	Combination	Min	-28.57	-3.9
2214	2214-1	Shell-Thin	~72	ENVELOPE	Combination	Min	-29.46	-8.35
2214	2214-2	Shell-Thin	~72	ENVELOPE	Combination	Max	9.16	-8.22
2214	2214-2	Shell-Thin	~80	ENVELOPE	Combination	Max	8.93	-6.51
2214	2214-2	Shell-Thin	~81	ENVELOPE	Combination	Max	17.96	-7.57
2214	2214-2	Shell-Thin	~73	ENVELOPE	Combination	Max	18.2	-6.42
2214	2214-2	Shell-Thin	~72	ENVELOPE	Combination	Min	-30.11	-11.6
2214	2214-2	Shell-Thin	~80	ENVELOPE	Combination	Min	-29.09	-9.38
2214	2214-2	Shell-Thin	~81	ENVELOPE	Combination	Min	-39.9	-8.67
2214	2214-2	Shell-Thin	~73	ENVELOPE	Combination	Min	-40.91	-13.76
2214	2214-3	Shell-Thin	~73	ENVELOPE	Combination	Max	16.53	-14.76
2214	2214-3	Shell-Thin	~81	ENVELOPE	Combination	Max	16.66	-13.01
2214	2214-3	Shell-Thin	~82	ENVELOPE	Combination	Max	27.12	-12.01
2214	2214-3	Shell-Thin	~74	ENVELOPE	Combination	Max	26.98	-12.67
2214	2214-3	Shell-Thin	~73	ENVELOPE	Combination	Min	-41.63	-17.36
2214	2214-3	Shell-Thin	~81	ENVELOPE	Combination	Min	-40.76	-14.1
2214	2214-3	Shell-Thin	~82	ENVELOPE	Combination	Min	-54.44	-15.75
2214	2214-3	Shell-Thin	~74	ENVELOPE	Combination	Min	-55.31	-20.09
2214	2214-4	Shell-Thin	~74	ENVELOPE	Combination	Max	26.02	-17.49
2214	2214-4	Shell-Thin	~82	ENVELOPE	Combination	Max	25.66	-17.93
2214	2214-4	Shell-Thin	~83	ENVELOPE	Combination	Max	37.14	-17.
2214	2214-4	Shell-Thin	~75	ENVELOPE	Combination	Max	37.5	-15.2
2214	2214-4	Shell-Thin	~74	ENVELOPE	Combination	Min	-56.97	-28.41
2214	2214-4	Shell-Thin	~82	ENVELOPE	Combination	Min	-54.88	-19.3
2214	2214-4	Shell-Thin	~83	ENVELOPE	Combination	Min	-67.45	-20.45
2214	2214-4	Shell-Thin	~75	ENVELOPE	Combination	Min	-69.55	-30.93
2214	2214-5	Shell-Thin	~75	ENVELOPE	Combination	Max	37.72	-14.14
2214	2214-5	Shell-Thin	~83	ENVELOPE	Combination	Max	35.7	-22.63
2214	2214-5	Shell-Thin	~84	ENVELOPE	Combination	Max	46.51	-22.07
2214	2214-5	Shell-Thin	~76	ENVELOPE	Combination	Max	48.53	-11.98
2214	2214-5	Shell-Thin	~75	ENVELOPE	Combination	Min	-71.56	-41.
2214	2214-5	Shell-Thin	~83	ENVELOPE	Combination	Min	-67.89	-24.23
2214	2214-5	Shell-Thin	~84	ENVELOPE	Combination	Min	-75.24	-24.1
2214	2214-5	Shell-Thin	~76	ENVELOPE	Combination	Min	-78.91	-42.47

Table: Element Forces - Area Shells, Part 1 of 5

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11	F22
							KN/m	KN/m
2214	2214-6	Shell-Thin	~76	ENVELOPE	Combination	Max	50.69	-1.19
2214	2214-6	Shell-Thin	~84	ENVELOPE	Combination	Max	44.84	-26.5
2214	2214-6	Shell-Thin	~85	ENVELOPE	Combination	Max	53.21	-25.76
2214	2214-6	Shell-Thin	~77	ENVELOPE	Combination	Max	59.06	0.49
2214	2214-6	Shell-Thin	~76	ENVELOPE	Combination	Min	-80.16	-48.73
2214	2214-6	Shell-Thin	~84	ENVELOPE	Combination	Min	-75.72	-30.42
2214	2214-6	Shell-Thin	~85	ENVELOPE	Combination	Min	-72.02	-28.74
2214	2214-6	Shell-Thin	~77	ENVELOPE	Combination	Min	-76.47	-47.99
2214	2214-7	Shell-Thin	~77	ENVELOPE	Combination	Max	62.94	19.92
2214	2214-7	Shell-Thin	~85	ENVELOPE	Combination	Max	51.41	-31.25
2214	2214-7	Shell-Thin	~86	ENVELOPE	Combination	Max	42.33	-26.44
2214	2214-7	Shell-Thin	~78	ENVELOPE	Combination	Max	53.86	18.1
2214	2214-7	Shell-Thin	~77	ENVELOPE	Combination	Min	-74.75	-39.4
2214	2214-7	Shell-Thin	~85	ENVELOPE	Combination	Min	-73.12	-37.74
2214	2214-7	Shell-Thin	~86	ENVELOPE	Combination	Min	-49.08	-39.56
2214	2214-7	Shell-Thin	~78	ENVELOPE	Combination	Min	-50.7	-34.59
2214	2214-8	Shell-Thin	~78	ENVELOPE	Combination	Max	57.94	38.51
2214	2214-8	Shell-Thin	~86	ENVELOPE	Combination	Max	41.76	-42.39
2214	2214-8	Shell-Thin	~29	ENVELOPE	Combination	Max	27.65	-26.81
2214	2214-8	Shell-Thin	2045	ENVELOPE	Combination	Max	32.91	26.55
2214	2214-8	Shell-Thin	~78	ENVELOPE	Combination	Min	-47.09	-16.53
2214	2214-8	Shell-Thin	~86	ENVELOPE	Combination	Min	-52.35	-42.81
2214	2214-8	Shell-Thin	~29	ENVELOPE	Combination	Min	-18.04	-54.35
2214	2214-8	Shell-Thin	2045	ENVELOPE	Combination	Min	-1.86	-0.53
2214	2214-9	Shell-Thin	~79	ENVELOPE	Combination	Max	-2.92	3.896E -02
2214	2214-9	Shell-Thin	~87	ENVELOPE	Combination	Max	-2.81	-0.64
2214	2214-9	Shell-Thin	~88	ENVELOPE	Combination	Max	9.11	-1.52
2214	2214-9	Shell-Thin	~80	ENVELOPE	Combination	Max	9.	-2.06
2214	2214-9	Shell-Thin	~79	ENVELOPE	Combination	Min	-8.89	-4.45
2214	2214-9	Shell-Thin	~87	ENVELOPE	Combination	Min	-9.03	-3.9
2214	2214-9	Shell-Thin	~88	ENVELOPE	Combination	Min	-26.05	-4.05
2214	2214-9	Shell-Thin	~80	ENVELOPE	Combination	Min	-25.92	-3.37
2214	2214-10	Shell-Thin	~80	ENVELOPE	Combination	Max	7.48	-5.98
2214	2214-10	Shell-Thin	~88	ENVELOPE	Combination	Max	7.52	-4.95
2214	2214-10	Shell-Thin	~89	ENVELOPE	Combination	Max	18.91	-7.18
2214	2214-10	Shell-Thin	~81	ENVELOPE	Combination	Max	18.87	-7.39
2214	2214-10	Shell-Thin	~80	ENVELOPE	Combination	Min	-26.44	-9.67
2214	2214-10	Shell-Thin	~88	ENVELOPE	Combination	Min	-26.23	-9.46
2214	2214-10	Shell-Thin	~89	ENVELOPE	Combination	Min	-42.25	-8.15
2214	2214-10	Shell-Thin	~81	ENVELOPE	Combination	Min	-42.45	-9.19
2214	2214-11	Shell-Thin	~81	ENVELOPE	Combination	Max	17.56	-13.52
2214	2214-11	Shell-Thin	~89	ENVELOPE	Combination	Max	17.22	-8.7
2214	2214-11	Shell-Thin	~90	ENVELOPE	Combination	Max	28.84	-11.41
2214	2214-11	Shell-Thin	~82	ENVELOPE	Combination	Max	29.18	-11.59
2214	2214-11	Shell-Thin	~81	ENVELOPE	Combination	Min	-43.32	-13.92
2214	2214-11	Shell-Thin	~89	ENVELOPE	Combination	Min	-42.35	-15.61
2214	2214-11	Shell-Thin	~90	ENVELOPE	Combination	Min	-55.94	-13.29
2214	2214-11	Shell-Thin	~82	ENVELOPE	Combination	Min	-56.9	-16.24
2214	2214-12	Shell-Thin	~82	ENVELOPE	Combination	Max	27.72	-18.42
2214	2214-12	Shell-Thin	~90	ENVELOPE	Combination	Max	26.84	-12.28
2214	2214-12	Shell-Thin	~91	ENVELOPE	Combination	Max	40.22	-14.65
2214	2214-12	Shell-Thin	~83	ENVELOPE	Combination	Max	41.1	-16.21
2214	2214-12	Shell-Thin	~82	ENVELOPE	Combination	Min	-57.34	-18.88
2214	2214-12	Shell-Thin	~90	ENVELOPE	Combination	Min	-56.11	-23.3
2214	2214-12	Shell-Thin	~91	ENVELOPE	Combination	Min	-67.96	-20.62

Table: Element Forces - Area Shells, Part 1 of 5

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11	F22
							KN/m	KN/m
2214	2214-12	Shell-Thin	~83	ENVELOPE	Combination	Min	-69.19	-20.79
2214	2214-13	Shell-Thin	~83	ENVELOPE	Combination	Max	39.65	-22.98
2214	2214-13	Shell-Thin	~91	ENVELOPE	Combination	Max	37.54	-16.92
2214	2214-13	Shell-Thin	~92	ENVELOPE	Combination	Max	51.6	-17.69
2214	2214-13	Shell-Thin	~84	ENVELOPE	Combination	Max	53.72	-20.62
2214	2214-13	Shell-Thin	~83	ENVELOPE	Combination	Min	-69.63	-23.44
2214	2214-13	Shell-Thin	~91	ENVELOPE	Combination	Min	-68.41	-34.01
2214	2214-13	Shell-Thin	~92	ENVELOPE	Combination	Min	-72.27	-31.2
2214	2214-13	Shell-Thin	~84	ENVELOPE	Combination	Min	-73.49	-23.75
2214	2214-14	Shell-Thin	~84	ENVELOPE	Combination	Max	52.05	-26.15
2214	2214-14	Shell-Thin	~92	ENVELOPE	Combination	Max	48.43	-26.88
2214	2214-14	Shell-Thin	~93	ENVELOPE	Combination	Max	56.08	-24.7
2214	2214-14	Shell-Thin	~85	ENVELOPE	Combination	Max	59.69	-23.97
2214	2214-14	Shell-Thin	~84	ENVELOPE	Combination	Min	-73.97	-28.97
2214	2214-14	Shell-Thin	~92	ENVELOPE	Combination	Min	-74.11	-47.05
2214	2214-14	Shell-Thin	~93	ENVELOPE	Combination	Min	-63.2	-45.52
2214	2214-14	Shell-Thin	~85	ENVELOPE	Combination	Min	-63.05	-27.45
2214	2214-15	Shell-Thin	~85	ENVELOPE	Combination	Max	57.89	-29.45
2214	2214-15	Shell-Thin	~93	ENVELOPE	Combination	Max	53.42	-46.09
2214	2214-15	Shell-Thin	~94	ENVELOPE	Combination	Max	40.57	-40.22
2214	2214-15	Shell-Thin	~86	ENVELOPE	Combination	Max	45.04	-23.58
2214	2214-15	Shell-Thin	~85	ENVELOPE	Combination	Min	-64.15	-36.45
2214	2214-15	Shell-Thin	~93	ENVELOPE	Combination	Min	-67.48	-58.79
2214	2214-15	Shell-Thin	~94	ENVELOPE	Combination	Min	-38.09	-61.36
2214	2214-15	Shell-Thin	~86	ENVELOPE	Combination	Min	-34.76	-39.02
2214	2214-16	Shell-Thin	~86	ENVELOPE	Combination	Max	44.47	-39.95
2214	2214-16	Shell-Thin	~94	ENVELOPE	Combination	Max	39.65	-62.23
2214	2214-16	Shell-Thin	~30	ENVELOPE	Combination	Max	-12.05	-59.17
2214	2214-16	Shell-Thin	~29	ENVELOPE	Combination	Max	-7.23	-36.88
2214	2214-16	Shell-Thin	~86	ENVELOPE	Combination	Min	-38.04	-41.85
2214	2214-16	Shell-Thin	~94	ENVELOPE	Combination	Min	-42.49	-65.96
2214	2214-16	Shell-Thin	~30	ENVELOPE	Combination	Min	-27.16	-76.3
2214	2214-16	Shell-Thin	~29	ENVELOPE	Combination	Min	-22.71	-52.19
2214	2214-17	Shell-Thin	~87	ENVELOPE	Combination	Max	-2.52	-0.92
2214	2214-17	Shell-Thin	~95	ENVELOPE	Combination	Max	-2.52	-0.92
2214	2214-17	Shell-Thin	~96	ENVELOPE	Combination	Max	8.84	-1.57
2214	2214-17	Shell-Thin	~88	ENVELOPE	Combination	Max	8.84	-1.57
2214	2214-17	Shell-Thin	~87	ENVELOPE	Combination	Min	-10.4	-3.84
2214	2214-17	Shell-Thin	~95	ENVELOPE	Combination	Min	-10.4	-3.84
2214	2214-17	Shell-Thin	~96	ENVELOPE	Combination	Min	-25.87	-4.01
2214	2214-17	Shell-Thin	~88	ENVELOPE	Combination	Min	-25.87	-4.01
2214	2214-18	Shell-Thin	~88	ENVELOPE	Combination	Max	7.25	-4.91
2214	2214-18	Shell-Thin	~96	ENVELOPE	Combination	Max	7.25	-4.91
2214	2214-18	Shell-Thin	~97	ENVELOPE	Combination	Max	19.12	-7.14
2214	2214-18	Shell-Thin	~89	ENVELOPE	Combination	Max	19.12	-7.14
2214	2214-18	Shell-Thin	~88	ENVELOPE	Combination	Min	-26.05	-9.51
2214	2214-18	Shell-Thin	~96	ENVELOPE	Combination	Min	-26.05	-9.51
2214	2214-18	Shell-Thin	~97	ENVELOPE	Combination	Min	-42.45	-8.19
2214	2214-18	Shell-Thin	~89	ENVELOPE	Combination	Min	-42.45	-8.19
2214	2214-19	Shell-Thin	~89	ENVELOPE	Combination	Max	17.43	-8.74
2214	2214-19	Shell-Thin	~97	ENVELOPE	Combination	Max	17.43	-8.74
2214	2214-19	Shell-Thin	~98	ENVELOPE	Combination	Max	30.11	-11.72
2214	2214-19	Shell-Thin	~90	ENVELOPE	Combination	Max	30.11	-11.72
2214	2214-19	Shell-Thin	~89	ENVELOPE	Combination	Min	-42.56	-15.57
2214	2214-19	Shell-Thin	~97	ENVELOPE	Combination	Min	-42.56	-15.57

Table: Element Forces - Area Shells, Part 1 of 5

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11	F22
							KN/m	KN/m
2214	2214-19	Shell-Thin	~98	ENVELOPE	Combination	Min	-57.48	-13.03
2214	2214-19	Shell-Thin	~90	ENVELOPE	Combination	Min	-57.48	-13.03
2214	2214-20	Shell-Thin	~90	ENVELOPE	Combination	Max	28.11	-12.59
2214	2214-20	Shell-Thin	~98	ENVELOPE	Combination	Max	28.11	-12.59
2214	2214-20	Shell-Thin	~99	ENVELOPE	Combination	Max	42.74	-14.7
2214	2214-20	Shell-Thin	~91	ENVELOPE	Combination	Max	42.74	-14.7
2214	2214-20	Shell-Thin	~90	ENVELOPE	Combination	Min	-57.65	-23.04
2214	2214-20	Shell-Thin	~98	ENVELOPE	Combination	Min	-57.65	-23.04
2214	2214-20	Shell-Thin	~99	ENVELOPE	Combination	Min	-68.23	-20.12
2214	2214-20	Shell-Thin	~91	ENVELOPE	Combination	Min	-68.23	-20.12
2214	2214-21	Shell-Thin	~91	ENVELOPE	Combination	Max	40.06	-16.97
2214	2214-21	Shell-Thin	~99	ENVELOPE	Combination	Max	40.06	-16.97
2214	2214-21	Shell-Thin	~100	ENVELOPE	Combination	Max	54.66	-17.26
2214	2214-21	Shell-Thin	~92	ENVELOPE	Combination	Max	54.66	-17.26
2214	2214-21	Shell-Thin	~91	ENVELOPE	Combination	Min	-68.68	-33.51
2214	2214-21	Shell-Thin	~99	ENVELOPE	Combination	Min	-68.68	-33.51
2214	2214-21	Shell-Thin	~100	ENVELOPE	Combination	Min	-70.14	-30.59
2214	2214-21	Shell-Thin	~92	ENVELOPE	Combination	Min	-70.14	-30.59
2214	2214-22	Shell-Thin	~92	ENVELOPE	Combination	Max	51.49	-26.46
2214	2214-22	Shell-Thin	~100	ENVELOPE	Combination	Max	51.49	-26.46
2214	2214-22	Shell-Thin	~101	ENVELOPE	Combination	Max	58.13	-23.26
2214	2214-22	Shell-Thin	~93	ENVELOPE	Combination	Max	58.13	-23.26
2214	2214-22	Shell-Thin	~92	ENVELOPE	Combination	Min	-71.98	-46.44
2214	2214-22	Shell-Thin	~100	ENVELOPE	Combination	Min	-71.98	-46.44
2214	2214-22	Shell-Thin	~101	ENVELOPE	Combination	Min	-55.98	-45.11
2214	2214-22	Shell-Thin	~93	ENVELOPE	Combination	Min	-55.98	-45.11
2214	2214-23	Shell-Thin	~93	ENVELOPE	Combination	Max	55.47	-44.65
2214	2214-23	Shell-Thin	~101	ENVELOPE	Combination	Max	55.47	-44.65
2214	2214-23	Shell-Thin	~102	ENVELOPE	Combination	Max	38.79	-39.35
2214	2214-23	Shell-Thin	~94	ENVELOPE	Combination	Max	38.79	-39.35
2214	2214-23	Shell-Thin	~93	ENVELOPE	Combination	Min	-60.26	-58.38
2214	2214-23	Shell-Thin	~101	ENVELOPE	Combination	Min	-60.26	-58.38
2214	2214-23	Shell-Thin	~102	ENVELOPE	Combination	Min	-33.77	-61.72
2214	2214-23	Shell-Thin	~94	ENVELOPE	Combination	Min	-33.77	-61.72
2214	2214-24	Shell-Thin	~94	ENVELOPE	Combination	Max	37.88	-61.37
2214	2214-24	Shell-Thin	~102	ENVELOPE	Combination	Max	37.88	-61.37
2214	2214-24	Shell-Thin	~31	ENVELOPE	Combination	Max	-7.14	-63.34
2214	2214-24	Shell-Thin	~30	ENVELOPE	Combination	Max	-7.14	-63.34
2214	2214-24	Shell-Thin	~94	ENVELOPE	Combination	Min	-38.18	-66.32
2214	2214-24	Shell-Thin	~102	ENVELOPE	Combination	Min	-38.18	-66.32
2214	2214-24	Shell-Thin	~31	ENVELOPE	Combination	Min	-48.04	-75.32
2214	2214-24	Shell-Thin	~30	ENVELOPE	Combination	Min	-48.04	-75.32
2214	2214-25	Shell-Thin	~95	ENVELOPE	Combination	Max	-2.81	-0.64
2214	2214-25	Shell-Thin	~103	ENVELOPE	Combination	Max	-2.92	3.896E-02
2214	2214-25	Shell-Thin	~104	ENVELOPE	Combination	Max	9.	-2.06
2214	2214-25	Shell-Thin	~96	ENVELOPE	Combination	Max	9.11	-1.52
2214	2214-25	Shell-Thin	~95	ENVELOPE	Combination	Min	-9.03	-3.9
2214	2214-25	Shell-Thin	~103	ENVELOPE	Combination	Min	-8.89	-4.45
2214	2214-25	Shell-Thin	~104	ENVELOPE	Combination	Min	-25.92	-3.37
2214	2214-25	Shell-Thin	~96	ENVELOPE	Combination	Min	-26.05	-4.05
2214	2214-26	Shell-Thin	~96	ENVELOPE	Combination	Max	7.52	-4.95
2214	2214-26	Shell-Thin	~104	ENVELOPE	Combination	Max	7.48	-5.98
2214	2214-26	Shell-Thin	~105	ENVELOPE	Combination	Max	18.87	-7.39
2214	2214-26	Shell-Thin	~97	ENVELOPE	Combination	Max	18.91	-7.18
2214	2214-26	Shell-Thin	~96	ENVELOPE	Combination	Min	-26.23	-9.46

Table: Element Forces - Area Shells, Part 1 of 5

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11	F22
							KN/m	KN/m
2214	2214-26	Shell-Thin	~104	ENVELOPE	Combination	Min	-26.44	-9.67
2214	2214-26	Shell-Thin	~105	ENVELOPE	Combination	Min	-42.45	-9.19
2214	2214-26	Shell-Thin	~97	ENVELOPE	Combination	Min	-42.25	-8.15
2214	2214-27	Shell-Thin	~97	ENVELOPE	Combination	Max	17.22	-8.7
2214	2214-27	Shell-Thin	~105	ENVELOPE	Combination	Max	17.56	-13.52
2214	2214-27	Shell-Thin	~106	ENVELOPE	Combination	Max	29.18	-11.59
2214	2214-27	Shell-Thin	~98	ENVELOPE	Combination	Max	28.84	-11.41
2214	2214-27	Shell-Thin	~97	ENVELOPE	Combination	Min	-42.35	-15.61
2214	2214-27	Shell-Thin	~105	ENVELOPE	Combination	Min	-43.32	-13.92
2214	2214-27	Shell-Thin	~106	ENVELOPE	Combination	Min	-56.9	-16.24
2214	2214-27	Shell-Thin	~98	ENVELOPE	Combination	Min	-55.94	-13.29
2214	2214-28	Shell-Thin	~98	ENVELOPE	Combination	Max	26.84	-12.28
2214	2214-28	Shell-Thin	~106	ENVELOPE	Combination	Max	27.72	-18.42
2214	2214-28	Shell-Thin	~107	ENVELOPE	Combination	Max	41.1	-16.21
2214	2214-28	Shell-Thin	~99	ENVELOPE	Combination	Max	40.22	-14.65
2214	2214-28	Shell-Thin	~98	ENVELOPE	Combination	Min	-56.11	-23.3
2214	2214-28	Shell-Thin	~106	ENVELOPE	Combination	Min	-57.34	-18.88
2214	2214-28	Shell-Thin	~107	ENVELOPE	Combination	Min	-69.19	-20.79
2214	2214-28	Shell-Thin	~99	ENVELOPE	Combination	Min	-67.96	-20.62
2214	2214-29	Shell-Thin	~99	ENVELOPE	Combination	Max	37.54	-16.92
2214	2214-29	Shell-Thin	~107	ENVELOPE	Combination	Max	39.65	-22.98
2214	2214-29	Shell-Thin	~108	ENVELOPE	Combination	Max	53.72	-20.62
2214	2214-29	Shell-Thin	~100	ENVELOPE	Combination	Max	51.6	-17.69
2214	2214-29	Shell-Thin	~99	ENVELOPE	Combination	Min	-68.41	-34.01
2214	2214-29	Shell-Thin	~107	ENVELOPE	Combination	Min	-69.63	-23.44
2214	2214-29	Shell-Thin	~108	ENVELOPE	Combination	Min	-73.49	-23.75
2214	2214-29	Shell-Thin	~100	ENVELOPE	Combination	Min	-72.27	-31.2
2214	2214-30	Shell-Thin	~100	ENVELOPE	Combination	Max	48.43	-26.88
2214	2214-30	Shell-Thin	~108	ENVELOPE	Combination	Max	52.05	-26.15
2214	2214-30	Shell-Thin	~109	ENVELOPE	Combination	Max	59.69	-23.97
2214	2214-30	Shell-Thin	~101	ENVELOPE	Combination	Max	56.08	-24.7
2214	2214-30	Shell-Thin	~100	ENVELOPE	Combination	Min	-74.11	-47.05
2214	2214-30	Shell-Thin	~108	ENVELOPE	Combination	Min	-73.97	-28.97
2214	2214-30	Shell-Thin	~109	ENVELOPE	Combination	Min	-63.05	-27.45
2214	2214-30	Shell-Thin	~101	ENVELOPE	Combination	Min	-63.2	-45.52
2214	2214-31	Shell-Thin	~101	ENVELOPE	Combination	Max	53.42	-46.09
2214	2214-31	Shell-Thin	~109	ENVELOPE	Combination	Max	57.89	-29.45
2214	2214-31	Shell-Thin	~110	ENVELOPE	Combination	Max	45.04	-23.58
2214	2214-31	Shell-Thin	~102	ENVELOPE	Combination	Max	40.57	-40.22
2214	2214-31	Shell-Thin	~101	ENVELOPE	Combination	Min	-67.48	-58.79
2214	2214-31	Shell-Thin	~109	ENVELOPE	Combination	Min	-64.15	-36.45
2214	2214-31	Shell-Thin	~110	ENVELOPE	Combination	Min	-34.76	-39.02
2214	2214-31	Shell-Thin	~102	ENVELOPE	Combination	Min	-38.09	-61.36
2214	2214-32	Shell-Thin	~102	ENVELOPE	Combination	Max	39.65	-62.23
2214	2214-32	Shell-Thin	~110	ENVELOPE	Combination	Max	44.47	-39.95
2214	2214-32	Shell-Thin	~32	ENVELOPE	Combination	Max	-7.23	-36.88
2214	2214-32	Shell-Thin	~31	ENVELOPE	Combination	Max	-12.05	-59.17
2214	2214-32	Shell-Thin	~102	ENVELOPE	Combination	Min	-42.49	-65.96
2214	2214-32	Shell-Thin	~110	ENVELOPE	Combination	Min	-38.04	-41.85
2214	2214-32	Shell-Thin	~32	ENVELOPE	Combination	Min	-22.71	-52.19
2214	2214-32	Shell-Thin	~31	ENVELOPE	Combination	Min	-27.16	-76.3
2214	2214-33	Shell-Thin	~103	ENVELOPE	Combination	Max	-3.2	1.18
2214	2214-33	Shell-Thin	4	ENVELOPE	Combination	Max	-4.09	-3.21
2214	2214-33	Shell-Thin	~111	ENVELOPE	Combination	Max	10.77	-0.15
2214	2214-33	Shell-Thin	~104	ENVELOPE	Combination	Max	10.45	-1.77

Table: Element Forces - Area Shells, Part 1 of 5

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11	F22
							KN/m	KN/m
2214	2214-33	Shell-Thin	~103	ENVELOPE	Combination	Min	-4.83	-4.83
2214	2214-33	Shell-Thin	4	ENVELOPE	Combination	Min	-4.5	-3.28
2214	2214-33	Shell-Thin	~111	ENVELOPE	Combination	Min	-29.46	-8.35
2214	2214-33	Shell-Thin	~104	ENVELOPE	Combination	Min	-28.57	-3.9
2214	2214-34	Shell-Thin	~104	ENVELOPE	Combination	Max	8.93	-6.51
2214	2214-34	Shell-Thin	~111	ENVELOPE	Combination	Max	9.16	-8.22
2214	2214-34	Shell-Thin	~112	ENVELOPE	Combination	Max	18.2	-6.42
2214	2214-34	Shell-Thin	~105	ENVELOPE	Combination	Max	17.96	-7.57
2214	2214-34	Shell-Thin	~104	ENVELOPE	Combination	Min	-29.09	-9.38
2214	2214-34	Shell-Thin	~111	ENVELOPE	Combination	Min	-30.11	-11.6
2214	2214-34	Shell-Thin	~112	ENVELOPE	Combination	Min	-40.91	-13.76
2214	2214-34	Shell-Thin	~105	ENVELOPE	Combination	Min	-39.9	-8.67
2214	2214-35	Shell-Thin	~105	ENVELOPE	Combination	Max	16.66	-13.01
2214	2214-35	Shell-Thin	~112	ENVELOPE	Combination	Max	16.53	-14.76
2214	2214-35	Shell-Thin	~113	ENVELOPE	Combination	Max	26.98	-12.67
2214	2214-35	Shell-Thin	~106	ENVELOPE	Combination	Max	27.12	-12.01
2214	2214-35	Shell-Thin	~105	ENVELOPE	Combination	Min	-40.76	-14.1
2214	2214-35	Shell-Thin	~112	ENVELOPE	Combination	Min	-41.63	-17.36
2214	2214-35	Shell-Thin	~113	ENVELOPE	Combination	Min	-55.31	-20.09
2214	2214-35	Shell-Thin	~106	ENVELOPE	Combination	Min	-54.44	-15.75
2214	2214-36	Shell-Thin	~106	ENVELOPE	Combination	Max	25.66	-17.93
2214	2214-36	Shell-Thin	~113	ENVELOPE	Combination	Max	26.02	-17.49
2214	2214-36	Shell-Thin	~114	ENVELOPE	Combination	Max	37.5	-15.2
2214	2214-36	Shell-Thin	~107	ENVELOPE	Combination	Max	37.14	-17.
2214	2214-36	Shell-Thin	~106	ENVELOPE	Combination	Min	-54.88	-19.3
2214	2214-36	Shell-Thin	~113	ENVELOPE	Combination	Min	-56.97	-28.41
2214	2214-36	Shell-Thin	~114	ENVELOPE	Combination	Min	-69.55	-30.93
2214	2214-36	Shell-Thin	~107	ENVELOPE	Combination	Min	-67.45	-20.45
2214	2214-37	Shell-Thin	~107	ENVELOPE	Combination	Max	35.7	-22.63
2214	2214-37	Shell-Thin	~114	ENVELOPE	Combination	Max	37.72	-14.14
2214	2214-37	Shell-Thin	~115	ENVELOPE	Combination	Max	48.53	-11.98
2214	2214-37	Shell-Thin	~108	ENVELOPE	Combination	Max	46.51	-22.07
2214	2214-37	Shell-Thin	~107	ENVELOPE	Combination	Min	-67.89	-24.23
2214	2214-37	Shell-Thin	~114	ENVELOPE	Combination	Min	-71.56	-41.
2214	2214-37	Shell-Thin	~115	ENVELOPE	Combination	Min	-78.91	-42.47
2214	2214-37	Shell-Thin	~108	ENVELOPE	Combination	Min	-75.24	-24.1
2214	2214-38	Shell-Thin	~108	ENVELOPE	Combination	Max	44.84	-26.5
2214	2214-38	Shell-Thin	~115	ENVELOPE	Combination	Max	50.69	-1.19
2214	2214-38	Shell-Thin	~116	ENVELOPE	Combination	Max	59.06	0.49
2214	2214-38	Shell-Thin	~109	ENVELOPE	Combination	Max	53.21	-25.76
2214	2214-38	Shell-Thin	~108	ENVELOPE	Combination	Min	-75.72	-30.42
2214	2214-38	Shell-Thin	~115	ENVELOPE	Combination	Min	-80.16	-48.73
2214	2214-38	Shell-Thin	~116	ENVELOPE	Combination	Min	-76.47	-47.99
2214	2214-38	Shell-Thin	~109	ENVELOPE	Combination	Min	-72.02	-28.74
2214	2214-39	Shell-Thin	~109	ENVELOPE	Combination	Max	51.41	-31.25
2214	2214-39	Shell-Thin	~116	ENVELOPE	Combination	Max	62.94	19.92
2214	2214-39	Shell-Thin	~117	ENVELOPE	Combination	Max	53.86	18.1
2214	2214-39	Shell-Thin	~110	ENVELOPE	Combination	Max	42.33	-26.44
2214	2214-39	Shell-Thin	~109	ENVELOPE	Combination	Min	-73.12	-37.74
2214	2214-39	Shell-Thin	~116	ENVELOPE	Combination	Min	-74.75	-39.4
2214	2214-39	Shell-Thin	~117	ENVELOPE	Combination	Min	-50.7	-34.59
2214	2214-39	Shell-Thin	~110	ENVELOPE	Combination	Min	-49.08	-39.56
2214	2214-40	Shell-Thin	~110	ENVELOPE	Combination	Max	41.76	-42.39
2214	2214-40	Shell-Thin	~117	ENVELOPE	Combination	Max	57.94	38.51
2214	2214-40	Shell-Thin	2044	ENVELOPE	Combination	Max	32.91	26.55

Table: Element Forces - Area Shells, Part 1 of 5

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11	F22
							KN/m	KN/m
2214	2214-40	Shell-Thin	~32	ENVELOPE	Combination	Max	27.65	-26.81
2214	2214-40	Shell-Thin	~110	ENVELOPE	Combination	Min	-52.35	-42.81
2214	2214-40	Shell-Thin	~117	ENVELOPE	Combination	Min	-47.09	-16.53
2214	2214-40	Shell-Thin	2044	ENVELOPE	Combination	Min	-1.86	-0.53
2214	2214-40	Shell-Thin	~32	ENVELOPE	Combination	Min	-18.04	-54.35
2314	2314-1	Shell-Thin	2042	ENVELOPE	Combination	Max	32.91	26.55
2314	2314-1	Shell-Thin	~3	ENVELOPE	Combination	Max	27.65	-26.81
2314	2314-1	Shell-Thin	~118	ENVELOPE	Combination	Max	41.76	-42.39
2314	2314-1	Shell-Thin	~47	ENVELOPE	Combination	Max	57.94	38.51
2314	2314-1	Shell-Thin	2042	ENVELOPE	Combination	Min	-1.86	-0.53
2314	2314-1	Shell-Thin	~3	ENVELOPE	Combination	Min	-18.04	-54.35
2314	2314-1	Shell-Thin	~118	ENVELOPE	Combination	Min	-52.35	-42.81
2314	2314-1	Shell-Thin	~47	ENVELOPE	Combination	Min	-47.09	-16.53
2314	2314-2	Shell-Thin	~47	ENVELOPE	Combination	Max	53.86	18.1
2314	2314-2	Shell-Thin	~118	ENVELOPE	Combination	Max	42.33	-26.44
2314	2314-2	Shell-Thin	~119	ENVELOPE	Combination	Max	51.41	-31.25
2314	2314-2	Shell-Thin	~45	ENVELOPE	Combination	Max	62.94	19.92
2314	2314-2	Shell-Thin	~47	ENVELOPE	Combination	Min	-50.7	-34.59
2314	2314-2	Shell-Thin	~118	ENVELOPE	Combination	Min	-49.08	-39.56
2314	2314-2	Shell-Thin	~119	ENVELOPE	Combination	Min	-73.12	-37.74
2314	2314-2	Shell-Thin	~45	ENVELOPE	Combination	Min	-74.75	-39.4
2314	2314-3	Shell-Thin	~45	ENVELOPE	Combination	Max	59.06	0.49
2314	2314-3	Shell-Thin	~119	ENVELOPE	Combination	Max	53.21	-25.76
2314	2314-3	Shell-Thin	~120	ENVELOPE	Combination	Max	44.84	-26.5
2314	2314-3	Shell-Thin	~43	ENVELOPE	Combination	Max	50.69	-1.19
2314	2314-3	Shell-Thin	~45	ENVELOPE	Combination	Min	-76.47	-47.99
2314	2314-3	Shell-Thin	~119	ENVELOPE	Combination	Min	-72.02	-28.74
2314	2314-3	Shell-Thin	~120	ENVELOPE	Combination	Min	-75.72	-30.42
2314	2314-3	Shell-Thin	~43	ENVELOPE	Combination	Min	-80.16	-48.73
2314	2314-4	Shell-Thin	~43	ENVELOPE	Combination	Max	48.53	-11.98
2314	2314-4	Shell-Thin	~120	ENVELOPE	Combination	Max	46.51	-22.07
2314	2314-4	Shell-Thin	~121	ENVELOPE	Combination	Max	35.7	-22.63
2314	2314-4	Shell-Thin	~41	ENVELOPE	Combination	Max	37.72	-14.14
2314	2314-4	Shell-Thin	~43	ENVELOPE	Combination	Min	-78.91	-42.47
2314	2314-4	Shell-Thin	~120	ENVELOPE	Combination	Min	-75.24	-24.1
2314	2314-4	Shell-Thin	~121	ENVELOPE	Combination	Min	-67.89	-24.23
2314	2314-4	Shell-Thin	~41	ENVELOPE	Combination	Min	-71.56	-41.
2314	2314-5	Shell-Thin	~41	ENVELOPE	Combination	Max	37.5	-15.2
2314	2314-5	Shell-Thin	~121	ENVELOPE	Combination	Max	37.14	-17.
2314	2314-5	Shell-Thin	~122	ENVELOPE	Combination	Max	25.66	-17.93
2314	2314-5	Shell-Thin	~39	ENVELOPE	Combination	Max	26.02	-17.49
2314	2314-5	Shell-Thin	~41	ENVELOPE	Combination	Min	-69.55	-30.93
2314	2314-5	Shell-Thin	~121	ENVELOPE	Combination	Min	-67.45	-20.45
2314	2314-5	Shell-Thin	~122	ENVELOPE	Combination	Min	-54.88	-19.3
2314	2314-5	Shell-Thin	~39	ENVELOPE	Combination	Min	-56.97	-28.41
2314	2314-6	Shell-Thin	~39	ENVELOPE	Combination	Max	26.98	-12.67
2314	2314-6	Shell-Thin	~122	ENVELOPE	Combination	Max	27.12	-12.01
2314	2314-6	Shell-Thin	~123	ENVELOPE	Combination	Max	16.66	-13.01
2314	2314-6	Shell-Thin	~37	ENVELOPE	Combination	Max	16.53	-14.76
2314	2314-6	Shell-Thin	~39	ENVELOPE	Combination	Min	-55.31	-20.09
2314	2314-6	Shell-Thin	~122	ENVELOPE	Combination	Min	-54.44	-15.75
2314	2314-6	Shell-Thin	~123	ENVELOPE	Combination	Min	-40.76	-14.1
2314	2314-6	Shell-Thin	~37	ENVELOPE	Combination	Min	-41.63	-17.36
2314	2314-7	Shell-Thin	~37	ENVELOPE	Combination	Max	18.2	-6.42
2314	2314-7	Shell-Thin	~123	ENVELOPE	Combination	Max	17.96	-7.57

Table: Element Forces - Area Shells, Part 1 of 5

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11	F22
							KN/m	KN/m
2314	2314-7	Shell-Thin	~124	ENVELOPE	Combination	Max	8.93	-6.51
2314	2314-7	Shell-Thin	~35	ENVELOPE	Combination	Max	9.16	-8.22
2314	2314-7	Shell-Thin	~37	ENVELOPE	Combination	Min	-40.91	-13.76
2314	2314-7	Shell-Thin	~123	ENVELOPE	Combination	Min	-39.9	-8.67
2314	2314-7	Shell-Thin	~124	ENVELOPE	Combination	Min	-29.09	-9.38
2314	2314-7	Shell-Thin	~35	ENVELOPE	Combination	Min	-30.11	-11.6
2314	2314-8	Shell-Thin	~35	ENVELOPE	Combination	Max	10.77	-0.15
2314	2314-8	Shell-Thin	~124	ENVELOPE	Combination	Max	10.45	-1.77
2314	2314-8	Shell-Thin	~125	ENVELOPE	Combination	Max	-3.2	1.18
2314	2314-8	Shell-Thin	1	ENVELOPE	Combination	Max	-4.09	-3.21
2314	2314-8	Shell-Thin	~35	ENVELOPE	Combination	Min	-29.46	-8.35
2314	2314-8	Shell-Thin	~124	ENVELOPE	Combination	Min	-28.57	-3.9
2314	2314-8	Shell-Thin	~125	ENVELOPE	Combination	Min	-4.83	-4.83
2314	2314-8	Shell-Thin	1	ENVELOPE	Combination	Min	-4.5	-3.28
2314	2314-9	Shell-Thin	~3	ENVELOPE	Combination	Max	-7.23	-36.88
2314	2314-9	Shell-Thin	~5	ENVELOPE	Combination	Max	-12.05	-59.17
2314	2314-9	Shell-Thin	~126	ENVELOPE	Combination	Max	39.65	-62.23
2314	2314-9	Shell-Thin	~118	ENVELOPE	Combination	Max	44.47	-39.95
2314	2314-9	Shell-Thin	~3	ENVELOPE	Combination	Min	-22.71	-52.19
2314	2314-9	Shell-Thin	~5	ENVELOPE	Combination	Min	-27.16	-76.3
2314	2314-9	Shell-Thin	~126	ENVELOPE	Combination	Min	-42.49	-65.96
2314	2314-9	Shell-Thin	~118	ENVELOPE	Combination	Min	-38.04	-41.85
2314	2314-10	Shell-Thin	~118	ENVELOPE	Combination	Max	45.04	-23.58
2314	2314-10	Shell-Thin	~126	ENVELOPE	Combination	Max	40.57	-40.22
2314	2314-10	Shell-Thin	~127	ENVELOPE	Combination	Max	53.42	-46.09
2314	2314-10	Shell-Thin	~119	ENVELOPE	Combination	Max	57.89	-29.45
2314	2314-10	Shell-Thin	~118	ENVELOPE	Combination	Min	-34.76	-39.02
2314	2314-10	Shell-Thin	~126	ENVELOPE	Combination	Min	-38.09	-61.36
2314	2314-10	Shell-Thin	~127	ENVELOPE	Combination	Min	-67.48	-58.79
2314	2314-10	Shell-Thin	~119	ENVELOPE	Combination	Min	-64.15	-36.45
2314	2314-11	Shell-Thin	~119	ENVELOPE	Combination	Max	59.69	-23.97
2314	2314-11	Shell-Thin	~127	ENVELOPE	Combination	Max	56.08	-24.7
2314	2314-11	Shell-Thin	~128	ENVELOPE	Combination	Max	48.43	-26.88
2314	2314-11	Shell-Thin	~120	ENVELOPE	Combination	Max	52.05	-26.15
2314	2314-11	Shell-Thin	~119	ENVELOPE	Combination	Min	-63.05	-27.45
2314	2314-11	Shell-Thin	~127	ENVELOPE	Combination	Min	-63.2	-45.52
2314	2314-11	Shell-Thin	~128	ENVELOPE	Combination	Min	-74.11	-47.05
2314	2314-11	Shell-Thin	~120	ENVELOPE	Combination	Min	-73.97	-28.97
2314	2314-12	Shell-Thin	~120	ENVELOPE	Combination	Max	53.72	-20.62
2314	2314-12	Shell-Thin	~128	ENVELOPE	Combination	Max	51.6	-17.69
2314	2314-12	Shell-Thin	~129	ENVELOPE	Combination	Max	37.54	-16.92
2314	2314-12	Shell-Thin	~121	ENVELOPE	Combination	Max	39.65	-22.98
2314	2314-12	Shell-Thin	~120	ENVELOPE	Combination	Min	-73.49	-23.75
2314	2314-12	Shell-Thin	~128	ENVELOPE	Combination	Min	-72.27	-31.2
2314	2314-12	Shell-Thin	~129	ENVELOPE	Combination	Min	-68.41	-34.01
2314	2314-12	Shell-Thin	~121	ENVELOPE	Combination	Min	-69.63	-23.44
2314	2314-13	Shell-Thin	~121	ENVELOPE	Combination	Max	41.1	-16.21
2314	2314-13	Shell-Thin	~129	ENVELOPE	Combination	Max	40.22	-14.65
2314	2314-13	Shell-Thin	~130	ENVELOPE	Combination	Max	26.84	-12.28
2314	2314-13	Shell-Thin	~122	ENVELOPE	Combination	Max	27.72	-18.42
2314	2314-13	Shell-Thin	~121	ENVELOPE	Combination	Min	-69.19	-20.79
2314	2314-13	Shell-Thin	~129	ENVELOPE	Combination	Min	-67.96	-20.62
2314	2314-13	Shell-Thin	~130	ENVELOPE	Combination	Min	-56.11	-23.3
2314	2314-13	Shell-Thin	~122	ENVELOPE	Combination	Min	-57.34	-18.88
2314	2314-14	Shell-Thin	~122	ENVELOPE	Combination	Max	29.18	-11.59

Table: Element Forces - Area Shells, Part 1 of 5

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11 KN/m	F22 KN/m
2314	2314-14	Shell-Thin	~130	ENVELOPE	Combination	Max	28.84	-11.41
2314	2314-14	Shell-Thin	~131	ENVELOPE	Combination	Max	17.22	-8.7
2314	2314-14	Shell-Thin	~123	ENVELOPE	Combination	Max	17.56	-13.52
2314	2314-14	Shell-Thin	~122	ENVELOPE	Combination	Min	-56.9	-16.24
2314	2314-14	Shell-Thin	~130	ENVELOPE	Combination	Min	-55.94	-13.29
2314	2314-14	Shell-Thin	~131	ENVELOPE	Combination	Min	-42.35	-15.61
2314	2314-14	Shell-Thin	~123	ENVELOPE	Combination	Min	-43.32	-13.92
2314	2314-15	Shell-Thin	~123	ENVELOPE	Combination	Max	18.87	-7.39
2314	2314-15	Shell-Thin	~131	ENVELOPE	Combination	Max	18.91	-7.18
2314	2314-15	Shell-Thin	~132	ENVELOPE	Combination	Max	7.52	-4.95
2314	2314-15	Shell-Thin	~124	ENVELOPE	Combination	Max	7.48	-5.98
2314	2314-15	Shell-Thin	~123	ENVELOPE	Combination	Min	-42.45	-9.19
2314	2314-15	Shell-Thin	~131	ENVELOPE	Combination	Min	-42.25	-8.15
2314	2314-15	Shell-Thin	~132	ENVELOPE	Combination	Min	-26.23	-9.46
2314	2314-15	Shell-Thin	~124	ENVELOPE	Combination	Min	-26.44	-9.67
2314	2314-16	Shell-Thin	~124	ENVELOPE	Combination	Max	9.	-2.06
2314	2314-16	Shell-Thin	~132	ENVELOPE	Combination	Max	9.11	-1.52
2314	2314-16	Shell-Thin	~133	ENVELOPE	Combination	Max	-2.81	-0.64
2314	2314-16	Shell-Thin	~125	ENVELOPE	Combination	Max	-2.92	3.896E-02
2314	2314-16	Shell-Thin	~124	ENVELOPE	Combination	Min	-25.92	-3.37
2314	2314-16	Shell-Thin	~132	ENVELOPE	Combination	Min	-26.05	-4.05
2314	2314-16	Shell-Thin	~133	ENVELOPE	Combination	Min	-9.03	-3.9
2314	2314-16	Shell-Thin	~125	ENVELOPE	Combination	Min	-8.89	-4.45
2314	2314-17	Shell-Thin	~5	ENVELOPE	Combination	Max	-7.14	-63.34
2314	2314-17	Shell-Thin	~7	ENVELOPE	Combination	Max	-7.14	-63.34
2314	2314-17	Shell-Thin	~134	ENVELOPE	Combination	Max	37.88	-61.37
2314	2314-17	Shell-Thin	~126	ENVELOPE	Combination	Max	37.88	-61.37
2314	2314-17	Shell-Thin	~5	ENVELOPE	Combination	Min	-48.04	-75.32
2314	2314-17	Shell-Thin	~7	ENVELOPE	Combination	Min	-48.04	-75.32
2314	2314-17	Shell-Thin	~134	ENVELOPE	Combination	Min	-38.18	-66.32
2314	2314-17	Shell-Thin	~126	ENVELOPE	Combination	Min	-38.18	-66.32
2314	2314-18	Shell-Thin	~126	ENVELOPE	Combination	Max	38.79	-39.35
2314	2314-18	Shell-Thin	~134	ENVELOPE	Combination	Max	38.79	-39.35
2314	2314-18	Shell-Thin	~135	ENVELOPE	Combination	Max	55.47	-44.65
2314	2314-18	Shell-Thin	~127	ENVELOPE	Combination	Max	55.47	-44.65
2314	2314-18	Shell-Thin	~126	ENVELOPE	Combination	Min	-33.77	-61.72
2314	2314-18	Shell-Thin	~134	ENVELOPE	Combination	Min	-33.77	-61.72
2314	2314-18	Shell-Thin	~135	ENVELOPE	Combination	Min	-60.26	-58.38
2314	2314-18	Shell-Thin	~127	ENVELOPE	Combination	Min	-60.26	-58.38
2314	2314-19	Shell-Thin	~127	ENVELOPE	Combination	Max	58.13	-23.26
2314	2314-19	Shell-Thin	~135	ENVELOPE	Combination	Max	58.13	-23.26
2314	2314-19	Shell-Thin	~136	ENVELOPE	Combination	Max	51.49	-26.46
2314	2314-19	Shell-Thin	~128	ENVELOPE	Combination	Max	51.49	-26.46
2314	2314-19	Shell-Thin	~127	ENVELOPE	Combination	Min	-55.98	-45.11
2314	2314-19	Shell-Thin	~135	ENVELOPE	Combination	Min	-55.98	-45.11
2314	2314-19	Shell-Thin	~136	ENVELOPE	Combination	Min	-71.98	-46.44
2314	2314-19	Shell-Thin	~128	ENVELOPE	Combination	Min	-71.98	-46.44
2314	2314-20	Shell-Thin	~128	ENVELOPE	Combination	Max	54.66	-17.26
2314	2314-20	Shell-Thin	~136	ENVELOPE	Combination	Max	54.66	-17.26
2314	2314-20	Shell-Thin	~137	ENVELOPE	Combination	Max	40.06	-16.97
2314	2314-20	Shell-Thin	~129	ENVELOPE	Combination	Max	40.06	-16.97
2314	2314-20	Shell-Thin	~128	ENVELOPE	Combination	Min	-70.14	-30.59
2314	2314-20	Shell-Thin	~136	ENVELOPE	Combination	Min	-70.14	-30.59
2314	2314-20	Shell-Thin	~137	ENVELOPE	Combination	Min	-68.68	-33.51
2314	2314-20	Shell-Thin	~129	ENVELOPE	Combination	Min	-68.68	-33.51

Table: Element Forces - Area Shells, Part 1 of 5

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11	F22
							KN/m	KN/m
2314	2314-21	Shell-Thin	~129	ENVELOPE	Combination	Max	42.74	-14.7
2314	2314-21	Shell-Thin	~137	ENVELOPE	Combination	Max	42.74	-14.7
2314	2314-21	Shell-Thin	~138	ENVELOPE	Combination	Max	28.11	-12.59
2314	2314-21	Shell-Thin	~130	ENVELOPE	Combination	Max	28.11	-12.59
2314	2314-21	Shell-Thin	~129	ENVELOPE	Combination	Min	-68.23	-20.12
2314	2314-21	Shell-Thin	~137	ENVELOPE	Combination	Min	-68.23	-20.12
2314	2314-21	Shell-Thin	~138	ENVELOPE	Combination	Min	-57.65	-23.04
2314	2314-21	Shell-Thin	~130	ENVELOPE	Combination	Min	-57.65	-23.04
2314	2314-22	Shell-Thin	~130	ENVELOPE	Combination	Max	30.11	-11.72
2314	2314-22	Shell-Thin	~138	ENVELOPE	Combination	Max	30.11	-11.72
2314	2314-22	Shell-Thin	~139	ENVELOPE	Combination	Max	17.43	-8.74
2314	2314-22	Shell-Thin	~131	ENVELOPE	Combination	Max	17.43	-8.74
2314	2314-22	Shell-Thin	~130	ENVELOPE	Combination	Min	-57.48	-13.03
2314	2314-22	Shell-Thin	~138	ENVELOPE	Combination	Min	-57.48	-13.03
2314	2314-22	Shell-Thin	~139	ENVELOPE	Combination	Min	-42.56	-15.57
2314	2314-22	Shell-Thin	~131	ENVELOPE	Combination	Min	-42.56	-15.57
2314	2314-23	Shell-Thin	~131	ENVELOPE	Combination	Max	19.12	-7.14
2314	2314-23	Shell-Thin	~139	ENVELOPE	Combination	Max	19.12	-7.14
2314	2314-23	Shell-Thin	~140	ENVELOPE	Combination	Max	7.25	-4.91
2314	2314-23	Shell-Thin	~132	ENVELOPE	Combination	Max	7.25	-4.91
2314	2314-23	Shell-Thin	~131	ENVELOPE	Combination	Min	-42.45	-8.19
2314	2314-23	Shell-Thin	~139	ENVELOPE	Combination	Min	-42.45	-8.19
2314	2314-23	Shell-Thin	~140	ENVELOPE	Combination	Min	-26.05	-9.51
2314	2314-23	Shell-Thin	~132	ENVELOPE	Combination	Min	-26.05	-9.51
2314	2314-24	Shell-Thin	~132	ENVELOPE	Combination	Max	8.84	-1.57
2314	2314-24	Shell-Thin	~140	ENVELOPE	Combination	Max	8.84	-1.57
2314	2314-24	Shell-Thin	~141	ENVELOPE	Combination	Max	-2.52	-0.92
2314	2314-24	Shell-Thin	~133	ENVELOPE	Combination	Max	-2.52	-0.92
2314	2314-24	Shell-Thin	~132	ENVELOPE	Combination	Min	-25.87	-4.01
2314	2314-24	Shell-Thin	~140	ENVELOPE	Combination	Min	-25.87	-4.01
2314	2314-24	Shell-Thin	~141	ENVELOPE	Combination	Min	-10.4	-3.84
2314	2314-24	Shell-Thin	~133	ENVELOPE	Combination	Min	-10.4	-3.84
2314	2314-25	Shell-Thin	~7	ENVELOPE	Combination	Max	-12.05	-59.17
2314	2314-25	Shell-Thin	~9	ENVELOPE	Combination	Max	-7.23	-36.88
2314	2314-25	Shell-Thin	~142	ENVELOPE	Combination	Max	44.47	-39.95
2314	2314-25	Shell-Thin	~134	ENVELOPE	Combination	Max	39.65	-62.23
2314	2314-25	Shell-Thin	~7	ENVELOPE	Combination	Min	-27.16	-76.3
2314	2314-25	Shell-Thin	~9	ENVELOPE	Combination	Min	-22.71	-52.19
2314	2314-25	Shell-Thin	~142	ENVELOPE	Combination	Min	-38.04	-41.85
2314	2314-25	Shell-Thin	~134	ENVELOPE	Combination	Min	-42.49	-65.96
2314	2314-26	Shell-Thin	~134	ENVELOPE	Combination	Max	40.57	-40.22
2314	2314-26	Shell-Thin	~142	ENVELOPE	Combination	Max	45.04	-23.58
2314	2314-26	Shell-Thin	~143	ENVELOPE	Combination	Max	57.89	-29.45
2314	2314-26	Shell-Thin	~135	ENVELOPE	Combination	Max	53.42	-46.09
2314	2314-26	Shell-Thin	~134	ENVELOPE	Combination	Min	-38.09	-61.36
2314	2314-26	Shell-Thin	~142	ENVELOPE	Combination	Min	-34.76	-39.02
2314	2314-26	Shell-Thin	~143	ENVELOPE	Combination	Min	-64.15	-36.45
2314	2314-26	Shell-Thin	~135	ENVELOPE	Combination	Min	-67.48	-58.79
2314	2314-27	Shell-Thin	~135	ENVELOPE	Combination	Max	56.08	-24.7
2314	2314-27	Shell-Thin	~143	ENVELOPE	Combination	Max	59.69	-23.97
2314	2314-27	Shell-Thin	~144	ENVELOPE	Combination	Max	52.05	-26.15
2314	2314-27	Shell-Thin	~136	ENVELOPE	Combination	Max	48.43	-26.88
2314	2314-27	Shell-Thin	~135	ENVELOPE	Combination	Min	-63.2	-45.52
2314	2314-27	Shell-Thin	~143	ENVELOPE	Combination	Min	-63.05	-27.45
2314	2314-27	Shell-Thin	~144	ENVELOPE	Combination	Min	-73.97	-28.97

Table: Element Forces - Area Shells, Part 1 of 5

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11 KN/m	F22 KN/m
2314	2314-27	Shell-Thin	~136	ENVELOPE	Combination	Min	-74.11	-47.05
2314	2314-28	Shell-Thin	~136	ENVELOPE	Combination	Max	51.6	-17.69
2314	2314-28	Shell-Thin	~144	ENVELOPE	Combination	Max	53.72	-20.62
2314	2314-28	Shell-Thin	~145	ENVELOPE	Combination	Max	39.65	-22.98
2314	2314-28	Shell-Thin	~137	ENVELOPE	Combination	Max	37.54	-16.92
2314	2314-28	Shell-Thin	~136	ENVELOPE	Combination	Min	-72.27	-31.2
2314	2314-28	Shell-Thin	~144	ENVELOPE	Combination	Min	-73.49	-23.75
2314	2314-28	Shell-Thin	~145	ENVELOPE	Combination	Min	-69.63	-23.44
2314	2314-28	Shell-Thin	~137	ENVELOPE	Combination	Min	-68.41	-34.01
2314	2314-29	Shell-Thin	~137	ENVELOPE	Combination	Max	40.22	-14.65
2314	2314-29	Shell-Thin	~145	ENVELOPE	Combination	Max	41.1	-16.21
2314	2314-29	Shell-Thin	~146	ENVELOPE	Combination	Max	27.72	-18.42
2314	2314-29	Shell-Thin	~138	ENVELOPE	Combination	Max	26.84	-12.28
2314	2314-29	Shell-Thin	~137	ENVELOPE	Combination	Min	-67.96	-20.62
2314	2314-29	Shell-Thin	~145	ENVELOPE	Combination	Min	-69.19	-20.79
2314	2314-29	Shell-Thin	~146	ENVELOPE	Combination	Min	-57.34	-18.88
2314	2314-29	Shell-Thin	~138	ENVELOPE	Combination	Min	-56.11	-23.3
2314	2314-30	Shell-Thin	~138	ENVELOPE	Combination	Max	28.84	-11.41
2314	2314-30	Shell-Thin	~146	ENVELOPE	Combination	Max	29.18	-11.59
2314	2314-30	Shell-Thin	~147	ENVELOPE	Combination	Max	17.56	-13.52
2314	2314-30	Shell-Thin	~139	ENVELOPE	Combination	Max	17.22	-8.7
2314	2314-30	Shell-Thin	~138	ENVELOPE	Combination	Min	-55.94	-13.29
2314	2314-30	Shell-Thin	~146	ENVELOPE	Combination	Min	-56.9	-16.24
2314	2314-30	Shell-Thin	~147	ENVELOPE	Combination	Min	-43.32	-13.92
2314	2314-30	Shell-Thin	~139	ENVELOPE	Combination	Min	-42.35	-15.61
2314	2314-31	Shell-Thin	~139	ENVELOPE	Combination	Max	18.91	-7.18
2314	2314-31	Shell-Thin	~147	ENVELOPE	Combination	Max	18.87	-7.39
2314	2314-31	Shell-Thin	~148	ENVELOPE	Combination	Max	7.48	-5.98
2314	2314-31	Shell-Thin	~140	ENVELOPE	Combination	Max	7.52	-4.95
2314	2314-31	Shell-Thin	~139	ENVELOPE	Combination	Min	-42.25	-8.15
2314	2314-31	Shell-Thin	~147	ENVELOPE	Combination	Min	-42.45	-9.19
2314	2314-31	Shell-Thin	~148	ENVELOPE	Combination	Min	-26.44	-9.67
2314	2314-31	Shell-Thin	~140	ENVELOPE	Combination	Min	-26.23	-9.46
2314	2314-32	Shell-Thin	~140	ENVELOPE	Combination	Max	9.11	-1.52
2314	2314-32	Shell-Thin	~148	ENVELOPE	Combination	Max	9.	-2.06
2314	2314-32	Shell-Thin	~149	ENVELOPE	Combination	Max	-2.92	3.896E -02
2314	2314-32	Shell-Thin	~141	ENVELOPE	Combination	Max	-2.81	-0.64
2314	2314-32	Shell-Thin	~140	ENVELOPE	Combination	Min	-26.05	-4.05
2314	2314-32	Shell-Thin	~148	ENVELOPE	Combination	Min	-25.92	-3.37
2314	2314-32	Shell-Thin	~149	ENVELOPE	Combination	Min	-8.89	-4.45
2314	2314-32	Shell-Thin	~141	ENVELOPE	Combination	Min	-9.03	-3.9
2314	2314-33	Shell-Thin	~9	ENVELOPE	Combination	Max	27.65	-26.81
2314	2314-33	Shell-Thin	2043	ENVELOPE	Combination	Max	32.91	26.55
2314	2314-33	Shell-Thin	~150	ENVELOPE	Combination	Max	57.94	38.51
2314	2314-33	Shell-Thin	~142	ENVELOPE	Combination	Max	41.76	-42.39
2314	2314-33	Shell-Thin	~9	ENVELOPE	Combination	Min	-18.04	-54.35
2314	2314-33	Shell-Thin	2043	ENVELOPE	Combination	Min	-1.86	-0.53
2314	2314-33	Shell-Thin	~150	ENVELOPE	Combination	Min	-47.09	-16.53
2314	2314-33	Shell-Thin	~142	ENVELOPE	Combination	Min	-52.35	-42.81
2314	2314-34	Shell-Thin	~142	ENVELOPE	Combination	Max	42.33	-26.44
2314	2314-34	Shell-Thin	~150	ENVELOPE	Combination	Max	53.86	18.1
2314	2314-34	Shell-Thin	~151	ENVELOPE	Combination	Max	62.94	19.92
2314	2314-34	Shell-Thin	~143	ENVELOPE	Combination	Max	51.41	-31.25
2314	2314-34	Shell-Thin	~142	ENVELOPE	Combination	Min	-49.08	-39.56
2314	2314-34	Shell-Thin	~150	ENVELOPE	Combination	Min	-50.7	-34.59

Table: Element Forces - Area Shells, Part 1 of 5

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11	F22
							KN/m	KN/m
2314	2314-34	Shell-Thin	~151	ENVELOPE	Combination	Min	-74.75	-39.4
2314	2314-34	Shell-Thin	~143	ENVELOPE	Combination	Min	-73.12	-37.74
2314	2314-35	Shell-Thin	~143	ENVELOPE	Combination	Max	53.21	-25.76
2314	2314-35	Shell-Thin	~151	ENVELOPE	Combination	Max	59.06	0.49
2314	2314-35	Shell-Thin	~152	ENVELOPE	Combination	Max	50.69	-1.19
2314	2314-35	Shell-Thin	~144	ENVELOPE	Combination	Max	44.84	-26.5
2314	2314-35	Shell-Thin	~143	ENVELOPE	Combination	Min	-72.02	-28.74
2314	2314-35	Shell-Thin	~151	ENVELOPE	Combination	Min	-76.47	-47.99
2314	2314-35	Shell-Thin	~152	ENVELOPE	Combination	Min	-80.16	-48.73
2314	2314-35	Shell-Thin	~144	ENVELOPE	Combination	Min	-75.72	-30.42
2314	2314-36	Shell-Thin	~144	ENVELOPE	Combination	Max	46.51	-22.07
2314	2314-36	Shell-Thin	~152	ENVELOPE	Combination	Max	48.53	-11.98
2314	2314-36	Shell-Thin	~153	ENVELOPE	Combination	Max	37.72	-14.14
2314	2314-36	Shell-Thin	~145	ENVELOPE	Combination	Max	35.7	-22.63
2314	2314-36	Shell-Thin	~144	ENVELOPE	Combination	Min	-75.24	-24.1
2314	2314-36	Shell-Thin	~152	ENVELOPE	Combination	Min	-78.91	-42.47
2314	2314-36	Shell-Thin	~153	ENVELOPE	Combination	Min	-71.56	-41.
2314	2314-36	Shell-Thin	~145	ENVELOPE	Combination	Min	-67.89	-24.23
2314	2314-37	Shell-Thin	~145	ENVELOPE	Combination	Max	37.14	-17.
2314	2314-37	Shell-Thin	~153	ENVELOPE	Combination	Max	37.5	-15.2
2314	2314-37	Shell-Thin	~154	ENVELOPE	Combination	Max	26.02	-17.49
2314	2314-37	Shell-Thin	~146	ENVELOPE	Combination	Max	25.66	-17.93
2314	2314-37	Shell-Thin	~145	ENVELOPE	Combination	Min	-67.45	-20.45
2314	2314-37	Shell-Thin	~153	ENVELOPE	Combination	Min	-69.55	-30.93
2314	2314-37	Shell-Thin	~154	ENVELOPE	Combination	Min	-56.97	-28.41
2314	2314-37	Shell-Thin	~146	ENVELOPE	Combination	Min	-54.88	-19.3
2314	2314-38	Shell-Thin	~146	ENVELOPE	Combination	Max	27.12	-12.01
2314	2314-38	Shell-Thin	~154	ENVELOPE	Combination	Max	26.98	-12.67
2314	2314-38	Shell-Thin	~155	ENVELOPE	Combination	Max	16.53	-14.76
2314	2314-38	Shell-Thin	~147	ENVELOPE	Combination	Max	16.66	-13.01
2314	2314-38	Shell-Thin	~146	ENVELOPE	Combination	Min	-54.44	-15.75
2314	2314-38	Shell-Thin	~154	ENVELOPE	Combination	Min	-55.31	-20.09
2314	2314-38	Shell-Thin	~155	ENVELOPE	Combination	Min	-41.63	-17.36
2314	2314-38	Shell-Thin	~147	ENVELOPE	Combination	Min	-40.76	-14.1
2314	2314-39	Shell-Thin	~147	ENVELOPE	Combination	Max	17.96	-7.57
2314	2314-39	Shell-Thin	~155	ENVELOPE	Combination	Max	18.2	-6.42
2314	2314-39	Shell-Thin	~156	ENVELOPE	Combination	Max	9.16	-8.22
2314	2314-39	Shell-Thin	~148	ENVELOPE	Combination	Max	8.93	-6.51
2314	2314-39	Shell-Thin	~147	ENVELOPE	Combination	Min	-39.9	-8.67
2314	2314-39	Shell-Thin	~155	ENVELOPE	Combination	Min	-40.91	-13.76
2314	2314-39	Shell-Thin	~156	ENVELOPE	Combination	Min	-30.11	-11.6
2314	2314-39	Shell-Thin	~148	ENVELOPE	Combination	Min	-29.09	-9.38
2314	2314-40	Shell-Thin	~148	ENVELOPE	Combination	Max	10.45	-1.77
2314	2314-40	Shell-Thin	~156	ENVELOPE	Combination	Max	10.77	-0.15
2314	2314-40	Shell-Thin	2	ENVELOPE	Combination	Max	-4.09	-3.21
2314	2314-40	Shell-Thin	~149	ENVELOPE	Combination	Max	-3.2	1.18
2314	2314-40	Shell-Thin	~148	ENVELOPE	Combination	Min	-28.57	-3.9
2314	2314-40	Shell-Thin	~156	ENVELOPE	Combination	Min	-29.46	-8.35
2314	2314-40	Shell-Thin	2	ENVELOPE	Combination	Min	-4.5	-3.28
2314	2314-40	Shell-Thin	~149	ENVELOPE	Combination	Min	-4.83	-4.83
2414	2414-1	Shell-Thin	4	ENVELOPE	Combination	Max	-4.09	-3.21
2414	2414-1	Shell-Thin	~157	ENVELOPE	Combination	Max	-3.2	1.18
2414	2414-1	Shell-Thin	~158	ENVELOPE	Combination	Max	10.45	-1.77
2414	2414-1	Shell-Thin	~111	ENVELOPE	Combination	Max	10.77	-0.15
2414	2414-1	Shell-Thin	4	ENVELOPE	Combination	Min	-4.5	-3.28

Table: Element Forces - Area Shells, Part 1 of 5

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11	F22
							KN/m	KN/m
2414	2414-1	Shell-Thin	~157	ENVELOPE	Combination	Min	-4.83	-4.83
2414	2414-1	Shell-Thin	~158	ENVELOPE	Combination	Min	-28.57	-3.9
2414	2414-1	Shell-Thin	~111	ENVELOPE	Combination	Min	-29.46	-8.35
2414	2414-2	Shell-Thin	~111	ENVELOPE	Combination	Max	9.16	-8.22
2414	2414-2	Shell-Thin	~158	ENVELOPE	Combination	Max	8.93	-6.51
2414	2414-2	Shell-Thin	~159	ENVELOPE	Combination	Max	17.96	-7.57
2414	2414-2	Shell-Thin	~112	ENVELOPE	Combination	Max	18.2	-6.42
2414	2414-2	Shell-Thin	~111	ENVELOPE	Combination	Min	-30.11	-11.6
2414	2414-2	Shell-Thin	~158	ENVELOPE	Combination	Min	-29.09	-9.38
2414	2414-2	Shell-Thin	~159	ENVELOPE	Combination	Min	-39.9	-8.67
2414	2414-2	Shell-Thin	~112	ENVELOPE	Combination	Min	-40.91	-13.76
2414	2414-3	Shell-Thin	~112	ENVELOPE	Combination	Max	16.53	-14.76
2414	2414-3	Shell-Thin	~159	ENVELOPE	Combination	Max	16.66	-13.01
2414	2414-3	Shell-Thin	~160	ENVELOPE	Combination	Max	27.12	-12.01
2414	2414-3	Shell-Thin	~113	ENVELOPE	Combination	Max	26.98	-12.67
2414	2414-3	Shell-Thin	~112	ENVELOPE	Combination	Min	-41.63	-17.36
2414	2414-3	Shell-Thin	~159	ENVELOPE	Combination	Min	-40.76	-14.1
2414	2414-3	Shell-Thin	~160	ENVELOPE	Combination	Min	-54.44	-15.75
2414	2414-3	Shell-Thin	~113	ENVELOPE	Combination	Min	-55.31	-20.09
2414	2414-4	Shell-Thin	~113	ENVELOPE	Combination	Max	26.02	-17.49
2414	2414-4	Shell-Thin	~160	ENVELOPE	Combination	Max	25.66	-17.93
2414	2414-4	Shell-Thin	~161	ENVELOPE	Combination	Max	37.14	-17.
2414	2414-4	Shell-Thin	~114	ENVELOPE	Combination	Max	37.5	-15.2
2414	2414-4	Shell-Thin	~113	ENVELOPE	Combination	Min	-56.97	-28.41
2414	2414-4	Shell-Thin	~160	ENVELOPE	Combination	Min	-54.88	-19.3
2414	2414-4	Shell-Thin	~161	ENVELOPE	Combination	Min	-67.45	-20.45
2414	2414-4	Shell-Thin	~114	ENVELOPE	Combination	Min	-69.55	-30.93
2414	2414-5	Shell-Thin	~114	ENVELOPE	Combination	Max	37.72	-14.14
2414	2414-5	Shell-Thin	~161	ENVELOPE	Combination	Max	35.7	-22.63
2414	2414-5	Shell-Thin	~162	ENVELOPE	Combination	Max	46.51	-22.07
2414	2414-5	Shell-Thin	~115	ENVELOPE	Combination	Max	48.53	-11.98
2414	2414-5	Shell-Thin	~114	ENVELOPE	Combination	Min	-71.56	-41.
2414	2414-5	Shell-Thin	~161	ENVELOPE	Combination	Min	-67.89	-24.23
2414	2414-5	Shell-Thin	~162	ENVELOPE	Combination	Min	-75.24	-24.1
2414	2414-5	Shell-Thin	~115	ENVELOPE	Combination	Min	-78.91	-42.47
2414	2414-6	Shell-Thin	~115	ENVELOPE	Combination	Max	50.69	-1.19
2414	2414-6	Shell-Thin	~162	ENVELOPE	Combination	Max	44.84	-26.5
2414	2414-6	Shell-Thin	~163	ENVELOPE	Combination	Max	53.21	-25.76
2414	2414-6	Shell-Thin	~116	ENVELOPE	Combination	Max	59.06	0.49
2414	2414-6	Shell-Thin	~115	ENVELOPE	Combination	Min	-80.16	-48.73
2414	2414-6	Shell-Thin	~162	ENVELOPE	Combination	Min	-75.72	-30.42
2414	2414-6	Shell-Thin	~163	ENVELOPE	Combination	Min	-72.02	-28.74
2414	2414-6	Shell-Thin	~116	ENVELOPE	Combination	Min	-76.47	-47.99
2414	2414-7	Shell-Thin	~116	ENVELOPE	Combination	Max	62.94	19.92
2414	2414-7	Shell-Thin	~163	ENVELOPE	Combination	Max	51.41	-31.25
2414	2414-7	Shell-Thin	~164	ENVELOPE	Combination	Max	42.33	-26.44
2414	2414-7	Shell-Thin	~117	ENVELOPE	Combination	Max	53.86	18.1
2414	2414-7	Shell-Thin	~116	ENVELOPE	Combination	Min	-74.75	-39.4
2414	2414-7	Shell-Thin	~163	ENVELOPE	Combination	Min	-73.12	-37.74
2414	2414-7	Shell-Thin	~164	ENVELOPE	Combination	Min	-49.08	-39.56
2414	2414-7	Shell-Thin	~117	ENVELOPE	Combination	Min	-50.7	-34.59
2414	2414-8	Shell-Thin	~117	ENVELOPE	Combination	Max	57.94	38.51
2414	2414-8	Shell-Thin	~164	ENVELOPE	Combination	Max	41.76	-42.39
2414	2414-8	Shell-Thin	~28	ENVELOPE	Combination	Max	27.65	-26.81
2414	2414-8	Shell-Thin	2044	ENVELOPE	Combination	Max	32.91	26.55

Table: Element Forces - Area Shells, Part 1 of 5

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11	F22
							KN/m	KN/m
2414	2414-8	Shell-Thin	~117	ENVELOPE	Combination	Min	-47.09	-16.53
2414	2414-8	Shell-Thin	~164	ENVELOPE	Combination	Min	-52.35	-42.81
2414	2414-8	Shell-Thin	~28	ENVELOPE	Combination	Min	-18.04	-54.35
2414	2414-8	Shell-Thin	2044	ENVELOPE	Combination	Min	-1.86	-0.53
2414	2414-9	Shell-Thin	~157	ENVELOPE	Combination	Max	-2.92	3.896E -02
2414	2414-9	Shell-Thin	~165	ENVELOPE	Combination	Max	-2.81	-0.64
2414	2414-9	Shell-Thin	~166	ENVELOPE	Combination	Max	9.11	-1.52
2414	2414-9	Shell-Thin	~158	ENVELOPE	Combination	Max	9.	-2.06
2414	2414-9	Shell-Thin	~157	ENVELOPE	Combination	Min	-8.89	-4.45
2414	2414-9	Shell-Thin	~165	ENVELOPE	Combination	Min	-9.03	-3.9
2414	2414-9	Shell-Thin	~166	ENVELOPE	Combination	Min	-26.05	-4.05
2414	2414-9	Shell-Thin	~158	ENVELOPE	Combination	Min	-25.92	-3.37
2414	2414-10	Shell-Thin	~158	ENVELOPE	Combination	Max	7.48	-5.98
2414	2414-10	Shell-Thin	~166	ENVELOPE	Combination	Max	7.52	-4.95
2414	2414-10	Shell-Thin	~167	ENVELOPE	Combination	Max	18.91	-7.18
2414	2414-10	Shell-Thin	~159	ENVELOPE	Combination	Max	18.87	-7.39
2414	2414-10	Shell-Thin	~158	ENVELOPE	Combination	Min	-26.44	-9.67
2414	2414-10	Shell-Thin	~166	ENVELOPE	Combination	Min	-26.23	-9.46
2414	2414-10	Shell-Thin	~167	ENVELOPE	Combination	Min	-42.25	-8.15
2414	2414-10	Shell-Thin	~159	ENVELOPE	Combination	Min	-42.45	-9.19
2414	2414-11	Shell-Thin	~159	ENVELOPE	Combination	Max	17.56	-13.52
2414	2414-11	Shell-Thin	~167	ENVELOPE	Combination	Max	17.22	-8.7
2414	2414-11	Shell-Thin	~168	ENVELOPE	Combination	Max	28.84	-11.41
2414	2414-11	Shell-Thin	~160	ENVELOPE	Combination	Max	29.18	-11.59
2414	2414-11	Shell-Thin	~159	ENVELOPE	Combination	Min	-43.32	-13.92
2414	2414-11	Shell-Thin	~167	ENVELOPE	Combination	Min	-42.35	-15.61
2414	2414-11	Shell-Thin	~168	ENVELOPE	Combination	Min	-55.94	-13.29
2414	2414-11	Shell-Thin	~160	ENVELOPE	Combination	Min	-56.9	-16.24
2414	2414-12	Shell-Thin	~160	ENVELOPE	Combination	Max	27.72	-18.42
2414	2414-12	Shell-Thin	~168	ENVELOPE	Combination	Max	26.84	-12.28
2414	2414-12	Shell-Thin	~169	ENVELOPE	Combination	Max	40.22	-14.65
2414	2414-12	Shell-Thin	~161	ENVELOPE	Combination	Max	41.1	-16.21
2414	2414-12	Shell-Thin	~160	ENVELOPE	Combination	Min	-57.34	-18.88
2414	2414-12	Shell-Thin	~168	ENVELOPE	Combination	Min	-56.11	-23.3
2414	2414-12	Shell-Thin	~169	ENVELOPE	Combination	Min	-67.96	-20.62
2414	2414-12	Shell-Thin	~161	ENVELOPE	Combination	Min	-69.19	-20.79
2414	2414-13	Shell-Thin	~161	ENVELOPE	Combination	Max	39.65	-22.98
2414	2414-13	Shell-Thin	~169	ENVELOPE	Combination	Max	37.54	-16.92
2414	2414-13	Shell-Thin	~170	ENVELOPE	Combination	Max	51.6	-17.69
2414	2414-13	Shell-Thin	~162	ENVELOPE	Combination	Max	53.72	-20.62
2414	2414-13	Shell-Thin	~161	ENVELOPE	Combination	Min	-69.63	-23.44
2414	2414-13	Shell-Thin	~169	ENVELOPE	Combination	Min	-68.41	-34.01
2414	2414-13	Shell-Thin	~170	ENVELOPE	Combination	Min	-72.27	-31.2
2414	2414-13	Shell-Thin	~162	ENVELOPE	Combination	Min	-73.49	-23.75
2414	2414-14	Shell-Thin	~162	ENVELOPE	Combination	Max	52.05	-26.15
2414	2414-14	Shell-Thin	~170	ENVELOPE	Combination	Max	48.43	-26.88
2414	2414-14	Shell-Thin	~171	ENVELOPE	Combination	Max	56.08	-24.7
2414	2414-14	Shell-Thin	~163	ENVELOPE	Combination	Max	59.69	-23.97
2414	2414-14	Shell-Thin	~162	ENVELOPE	Combination	Min	-73.97	-28.97
2414	2414-14	Shell-Thin	~170	ENVELOPE	Combination	Min	-74.11	-47.05
2414	2414-14	Shell-Thin	~171	ENVELOPE	Combination	Min	-63.2	-45.52
2414	2414-14	Shell-Thin	~163	ENVELOPE	Combination	Min	-63.05	-27.45
2414	2414-15	Shell-Thin	~163	ENVELOPE	Combination	Max	57.89	-29.45
2414	2414-15	Shell-Thin	~171	ENVELOPE	Combination	Max	53.42	-46.09
2414	2414-15	Shell-Thin	~172	ENVELOPE	Combination	Max	40.57	-40.22

Table: Element Forces - Area Shells, Part 1 of 5

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11	F22
							KN/m	KN/m
2414	2414-15	Shell-Thin	~164	ENVELOPE	Combination	Max	45.04	-23.58
2414	2414-15	Shell-Thin	~163	ENVELOPE	Combination	Min	-64.15	-36.45
2414	2414-15	Shell-Thin	~171	ENVELOPE	Combination	Min	-67.48	-58.79
2414	2414-15	Shell-Thin	~172	ENVELOPE	Combination	Min	-38.09	-61.36
2414	2414-15	Shell-Thin	~164	ENVELOPE	Combination	Min	-34.76	-39.02
2414	2414-16	Shell-Thin	~164	ENVELOPE	Combination	Max	44.47	-39.95
2414	2414-16	Shell-Thin	~172	ENVELOPE	Combination	Max	39.65	-62.23
2414	2414-16	Shell-Thin	~22	ENVELOPE	Combination	Max	-12.05	-59.17
2414	2414-16	Shell-Thin	~28	ENVELOPE	Combination	Max	-7.23	-36.88
2414	2414-16	Shell-Thin	~164	ENVELOPE	Combination	Min	-38.04	-41.85
2414	2414-16	Shell-Thin	~172	ENVELOPE	Combination	Min	-42.49	-65.96
2414	2414-16	Shell-Thin	~22	ENVELOPE	Combination	Min	-27.16	-76.3
2414	2414-16	Shell-Thin	~28	ENVELOPE	Combination	Min	-22.71	-52.19
2414	2414-17	Shell-Thin	~165	ENVELOPE	Combination	Max	-2.52	-0.92
2414	2414-17	Shell-Thin	~173	ENVELOPE	Combination	Max	-2.52	-0.92
2414	2414-17	Shell-Thin	~174	ENVELOPE	Combination	Max	8.84	-1.57
2414	2414-17	Shell-Thin	~166	ENVELOPE	Combination	Max	8.84	-1.57
2414	2414-17	Shell-Thin	~165	ENVELOPE	Combination	Min	-10.4	-3.84
2414	2414-17	Shell-Thin	~173	ENVELOPE	Combination	Min	-10.4	-3.84
2414	2414-17	Shell-Thin	~174	ENVELOPE	Combination	Min	-25.87	-4.01
2414	2414-17	Shell-Thin	~166	ENVELOPE	Combination	Min	-25.87	-4.01
2414	2414-18	Shell-Thin	~166	ENVELOPE	Combination	Max	7.25	-4.91
2414	2414-18	Shell-Thin	~174	ENVELOPE	Combination	Max	7.25	-4.91
2414	2414-18	Shell-Thin	~175	ENVELOPE	Combination	Max	19.12	-7.14
2414	2414-18	Shell-Thin	~167	ENVELOPE	Combination	Max	19.12	-7.14
2414	2414-18	Shell-Thin	~166	ENVELOPE	Combination	Min	-26.05	-9.51
2414	2414-18	Shell-Thin	~174	ENVELOPE	Combination	Min	-26.05	-9.51
2414	2414-18	Shell-Thin	~175	ENVELOPE	Combination	Min	-42.45	-8.19
2414	2414-18	Shell-Thin	~167	ENVELOPE	Combination	Min	-42.45	-8.19
2414	2414-19	Shell-Thin	~167	ENVELOPE	Combination	Max	17.43	-8.74
2414	2414-19	Shell-Thin	~175	ENVELOPE	Combination	Max	17.43	-8.74
2414	2414-19	Shell-Thin	~176	ENVELOPE	Combination	Max	30.11	-11.72
2414	2414-19	Shell-Thin	~168	ENVELOPE	Combination	Max	30.11	-11.72
2414	2414-19	Shell-Thin	~167	ENVELOPE	Combination	Min	-42.56	-15.57
2414	2414-19	Shell-Thin	~175	ENVELOPE	Combination	Min	-42.56	-15.57
2414	2414-19	Shell-Thin	~176	ENVELOPE	Combination	Min	-57.48	-13.03
2414	2414-19	Shell-Thin	~168	ENVELOPE	Combination	Min	-57.48	-13.03
2414	2414-20	Shell-Thin	~168	ENVELOPE	Combination	Max	28.11	-12.59
2414	2414-20	Shell-Thin	~176	ENVELOPE	Combination	Max	28.11	-12.59
2414	2414-20	Shell-Thin	~177	ENVELOPE	Combination	Max	42.74	-14.7
2414	2414-20	Shell-Thin	~169	ENVELOPE	Combination	Max	42.74	-14.7
2414	2414-20	Shell-Thin	~168	ENVELOPE	Combination	Min	-57.65	-23.04
2414	2414-20	Shell-Thin	~176	ENVELOPE	Combination	Min	-57.65	-23.04
2414	2414-20	Shell-Thin	~177	ENVELOPE	Combination	Min	-68.23	-20.12
2414	2414-20	Shell-Thin	~169	ENVELOPE	Combination	Min	-68.23	-20.12
2414	2414-21	Shell-Thin	~169	ENVELOPE	Combination	Max	40.06	-16.97
2414	2414-21	Shell-Thin	~177	ENVELOPE	Combination	Max	40.06	-16.97
2414	2414-21	Shell-Thin	~178	ENVELOPE	Combination	Max	54.66	-17.26
2414	2414-21	Shell-Thin	~170	ENVELOPE	Combination	Max	54.66	-17.26
2414	2414-21	Shell-Thin	~169	ENVELOPE	Combination	Min	-68.68	-33.51
2414	2414-21	Shell-Thin	~177	ENVELOPE	Combination	Min	-68.68	-33.51
2414	2414-21	Shell-Thin	~178	ENVELOPE	Combination	Min	-70.14	-30.59
2414	2414-21	Shell-Thin	~170	ENVELOPE	Combination	Min	-70.14	-30.59
2414	2414-22	Shell-Thin	~170	ENVELOPE	Combination	Max	51.49	-26.46
2414	2414-22	Shell-Thin	~178	ENVELOPE	Combination	Max	51.49	-26.46

Table: Element Forces - Area Shells, Part 1 of 5

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11	F22
							KN/m	KN/m
2414	2414-22	Shell-Thin	~179	ENVELOPE	Combination	Max	58.13	-23.26
2414	2414-22	Shell-Thin	~171	ENVELOPE	Combination	Max	58.13	-23.26
2414	2414-22	Shell-Thin	~170	ENVELOPE	Combination	Min	-71.98	-46.44
2414	2414-22	Shell-Thin	~178	ENVELOPE	Combination	Min	-71.98	-46.44
2414	2414-22	Shell-Thin	~179	ENVELOPE	Combination	Min	-55.98	-45.11
2414	2414-22	Shell-Thin	~171	ENVELOPE	Combination	Min	-55.98	-45.11
2414	2414-23	Shell-Thin	~171	ENVELOPE	Combination	Max	55.47	-44.65
2414	2414-23	Shell-Thin	~179	ENVELOPE	Combination	Max	55.47	-44.65
2414	2414-23	Shell-Thin	~180	ENVELOPE	Combination	Max	38.79	-39.35
2414	2414-23	Shell-Thin	~172	ENVELOPE	Combination	Max	38.79	-39.35
2414	2414-23	Shell-Thin	~171	ENVELOPE	Combination	Min	-60.26	-58.38
2414	2414-23	Shell-Thin	~179	ENVELOPE	Combination	Min	-60.26	-58.38
2414	2414-23	Shell-Thin	~180	ENVELOPE	Combination	Min	-33.77	-61.72
2414	2414-23	Shell-Thin	~172	ENVELOPE	Combination	Min	-33.77	-61.72
2414	2414-24	Shell-Thin	~172	ENVELOPE	Combination	Max	37.88	-61.37
2414	2414-24	Shell-Thin	~180	ENVELOPE	Combination	Max	37.88	-61.37
2414	2414-24	Shell-Thin	~16	ENVELOPE	Combination	Max	-7.14	-63.34
2414	2414-24	Shell-Thin	~22	ENVELOPE	Combination	Max	-7.14	-63.34
2414	2414-24	Shell-Thin	~172	ENVELOPE	Combination	Min	-38.18	-66.32
2414	2414-24	Shell-Thin	~180	ENVELOPE	Combination	Min	-38.18	-66.32
2414	2414-24	Shell-Thin	~16	ENVELOPE	Combination	Min	-48.04	-75.32
2414	2414-24	Shell-Thin	~22	ENVELOPE	Combination	Min	-48.04	-75.32
2414	2414-25	Shell-Thin	~173	ENVELOPE	Combination	Max	-2.81	-0.64
2414	2414-25	Shell-Thin	~181	ENVELOPE	Combination	Max	-2.92	3.896E-02
2414	2414-25	Shell-Thin	~182	ENVELOPE	Combination	Max	9.	-2.06
2414	2414-25	Shell-Thin	~174	ENVELOPE	Combination	Max	9.11	-1.52
2414	2414-25	Shell-Thin	~173	ENVELOPE	Combination	Min	-9.03	-3.9
2414	2414-25	Shell-Thin	~181	ENVELOPE	Combination	Min	-8.89	-4.45
2414	2414-25	Shell-Thin	~182	ENVELOPE	Combination	Min	-25.92	-3.37
2414	2414-25	Shell-Thin	~174	ENVELOPE	Combination	Min	-26.05	-4.05
2414	2414-26	Shell-Thin	~174	ENVELOPE	Combination	Max	7.52	-4.95
2414	2414-26	Shell-Thin	~182	ENVELOPE	Combination	Max	7.48	-5.98
2414	2414-26	Shell-Thin	~183	ENVELOPE	Combination	Max	18.87	-7.39
2414	2414-26	Shell-Thin	~175	ENVELOPE	Combination	Max	18.91	-7.18
2414	2414-26	Shell-Thin	~174	ENVELOPE	Combination	Min	-26.23	-9.46
2414	2414-26	Shell-Thin	~182	ENVELOPE	Combination	Min	-26.44	-9.67
2414	2414-26	Shell-Thin	~183	ENVELOPE	Combination	Min	-42.45	-9.19
2414	2414-26	Shell-Thin	~175	ENVELOPE	Combination	Min	-42.25	-8.15
2414	2414-27	Shell-Thin	~175	ENVELOPE	Combination	Max	17.22	-8.7
2414	2414-27	Shell-Thin	~183	ENVELOPE	Combination	Max	17.56	-13.52
2414	2414-27	Shell-Thin	~184	ENVELOPE	Combination	Max	29.18	-11.59
2414	2414-27	Shell-Thin	~176	ENVELOPE	Combination	Max	28.84	-11.41
2414	2414-27	Shell-Thin	~175	ENVELOPE	Combination	Min	-42.35	-15.61
2414	2414-27	Shell-Thin	~183	ENVELOPE	Combination	Min	-43.32	-13.92
2414	2414-27	Shell-Thin	~184	ENVELOPE	Combination	Min	-56.9	-16.24
2414	2414-27	Shell-Thin	~176	ENVELOPE	Combination	Min	-55.94	-13.29
2414	2414-28	Shell-Thin	~176	ENVELOPE	Combination	Max	26.84	-12.28
2414	2414-28	Shell-Thin	~184	ENVELOPE	Combination	Max	27.72	-18.42
2414	2414-28	Shell-Thin	~185	ENVELOPE	Combination	Max	41.1	-16.21
2414	2414-28	Shell-Thin	~177	ENVELOPE	Combination	Max	40.22	-14.65
2414	2414-28	Shell-Thin	~176	ENVELOPE	Combination	Min	-56.11	-23.3
2414	2414-28	Shell-Thin	~184	ENVELOPE	Combination	Min	-57.34	-18.88
2414	2414-28	Shell-Thin	~185	ENVELOPE	Combination	Min	-69.19	-20.79
2414	2414-28	Shell-Thin	~177	ENVELOPE	Combination	Min	-67.96	-20.62
2414	2414-29	Shell-Thin	~177	ENVELOPE	Combination	Max	37.54	-16.92

Table: Element Forces - Area Shells, Part 1 of 5

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11	F22
							KN/m	KN/m
2414	2414-29	Shell-Thin	~185	ENVELOPE	Combination	Max	39.65	-22.98
2414	2414-29	Shell-Thin	~186	ENVELOPE	Combination	Max	53.72	-20.62
2414	2414-29	Shell-Thin	~178	ENVELOPE	Combination	Max	51.6	-17.69
2414	2414-29	Shell-Thin	~177	ENVELOPE	Combination	Min	-68.41	-34.01
2414	2414-29	Shell-Thin	~185	ENVELOPE	Combination	Min	-69.63	-23.44
2414	2414-29	Shell-Thin	~186	ENVELOPE	Combination	Min	-73.49	-23.75
2414	2414-29	Shell-Thin	~178	ENVELOPE	Combination	Min	-72.27	-31.2
2414	2414-30	Shell-Thin	~178	ENVELOPE	Combination	Max	48.43	-26.88
2414	2414-30	Shell-Thin	~186	ENVELOPE	Combination	Max	52.05	-26.15
2414	2414-30	Shell-Thin	~187	ENVELOPE	Combination	Max	59.69	-23.97
2414	2414-30	Shell-Thin	~179	ENVELOPE	Combination	Max	56.08	-24.7
2414	2414-30	Shell-Thin	~178	ENVELOPE	Combination	Min	-74.11	-47.05
2414	2414-30	Shell-Thin	~186	ENVELOPE	Combination	Min	-73.97	-28.97
2414	2414-30	Shell-Thin	~187	ENVELOPE	Combination	Min	-63.05	-27.45
2414	2414-30	Shell-Thin	~179	ENVELOPE	Combination	Min	-63.2	-45.52
2414	2414-31	Shell-Thin	~179	ENVELOPE	Combination	Max	53.42	-46.09
2414	2414-31	Shell-Thin	~187	ENVELOPE	Combination	Max	57.89	-29.45
2414	2414-31	Shell-Thin	~188	ENVELOPE	Combination	Max	45.04	-23.58
2414	2414-31	Shell-Thin	~180	ENVELOPE	Combination	Max	40.57	-40.22
2414	2414-31	Shell-Thin	~179	ENVELOPE	Combination	Min	-67.48	-58.79
2414	2414-31	Shell-Thin	~187	ENVELOPE	Combination	Min	-64.15	-36.45
2414	2414-31	Shell-Thin	~188	ENVELOPE	Combination	Min	-34.76	-39.02
2414	2414-31	Shell-Thin	~180	ENVELOPE	Combination	Min	-38.09	-61.36
2414	2414-32	Shell-Thin	~180	ENVELOPE	Combination	Max	39.65	-62.23
2414	2414-32	Shell-Thin	~188	ENVELOPE	Combination	Max	44.47	-39.95
2414	2414-32	Shell-Thin	~10	ENVELOPE	Combination	Max	-7.23	-36.88
2414	2414-32	Shell-Thin	~16	ENVELOPE	Combination	Max	-12.05	-59.17
2414	2414-32	Shell-Thin	~180	ENVELOPE	Combination	Min	-42.49	-65.96
2414	2414-32	Shell-Thin	~188	ENVELOPE	Combination	Min	-38.04	-41.85
2414	2414-32	Shell-Thin	~10	ENVELOPE	Combination	Min	-22.71	-52.19
2414	2414-32	Shell-Thin	~16	ENVELOPE	Combination	Min	-27.16	-76.3
2414	2414-33	Shell-Thin	~181	ENVELOPE	Combination	Max	-3.2	1.18
2414	2414-33	Shell-Thin	2	ENVELOPE	Combination	Max	-4.09	-3.21
2414	2414-33	Shell-Thin	~156	ENVELOPE	Combination	Max	10.77	-0.15
2414	2414-33	Shell-Thin	~182	ENVELOPE	Combination	Max	10.45	-1.77
2414	2414-33	Shell-Thin	~181	ENVELOPE	Combination	Min	-4.83	-4.83
2414	2414-33	Shell-Thin	2	ENVELOPE	Combination	Min	-4.5	-3.28
2414	2414-33	Shell-Thin	~156	ENVELOPE	Combination	Min	-29.46	-8.35
2414	2414-33	Shell-Thin	~182	ENVELOPE	Combination	Min	-28.57	-3.9
2414	2414-34	Shell-Thin	~182	ENVELOPE	Combination	Max	8.93	-6.51
2414	2414-34	Shell-Thin	~156	ENVELOPE	Combination	Max	9.16	-8.22
2414	2414-34	Shell-Thin	~155	ENVELOPE	Combination	Max	18.2	-6.42
2414	2414-34	Shell-Thin	~183	ENVELOPE	Combination	Max	17.96	-7.57
2414	2414-34	Shell-Thin	~182	ENVELOPE	Combination	Min	-29.09	-9.38
2414	2414-34	Shell-Thin	~156	ENVELOPE	Combination	Min	-30.11	-11.6
2414	2414-34	Shell-Thin	~155	ENVELOPE	Combination	Min	-40.91	-13.76
2414	2414-34	Shell-Thin	~183	ENVELOPE	Combination	Min	-39.9	-8.67
2414	2414-35	Shell-Thin	~183	ENVELOPE	Combination	Max	16.66	-13.01
2414	2414-35	Shell-Thin	~155	ENVELOPE	Combination	Max	16.53	-14.76
2414	2414-35	Shell-Thin	~154	ENVELOPE	Combination	Max	26.98	-12.67
2414	2414-35	Shell-Thin	~184	ENVELOPE	Combination	Max	27.12	-12.01
2414	2414-35	Shell-Thin	~183	ENVELOPE	Combination	Min	-40.76	-14.1
2414	2414-35	Shell-Thin	~155	ENVELOPE	Combination	Min	-41.63	-17.36
2414	2414-35	Shell-Thin	~154	ENVELOPE	Combination	Min	-55.31	-20.09
2414	2414-35	Shell-Thin	~184	ENVELOPE	Combination	Min	-54.44	-15.75

Table: Element Forces - Area Shells, Part 1 of 5

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11	F22
							KN/m	KN/m
2414	2414-36	Shell-Thin	~184	ENVELOPE	Combination	Max	25.66	-17.93
2414	2414-36	Shell-Thin	~154	ENVELOPE	Combination	Max	26.02	-17.49
2414	2414-36	Shell-Thin	~153	ENVELOPE	Combination	Max	37.5	-15.2
2414	2414-36	Shell-Thin	~185	ENVELOPE	Combination	Max	37.14	-17.
2414	2414-36	Shell-Thin	~184	ENVELOPE	Combination	Min	-54.88	-19.3
2414	2414-36	Shell-Thin	~154	ENVELOPE	Combination	Min	-56.97	-28.41
2414	2414-36	Shell-Thin	~153	ENVELOPE	Combination	Min	-69.55	-30.93
2414	2414-36	Shell-Thin	~185	ENVELOPE	Combination	Min	-67.45	-20.45
2414	2414-37	Shell-Thin	~185	ENVELOPE	Combination	Max	35.7	-22.63
2414	2414-37	Shell-Thin	~153	ENVELOPE	Combination	Max	37.72	-14.14
2414	2414-37	Shell-Thin	~152	ENVELOPE	Combination	Max	48.53	-11.98
2414	2414-37	Shell-Thin	~186	ENVELOPE	Combination	Max	46.51	-22.07
2414	2414-37	Shell-Thin	~185	ENVELOPE	Combination	Min	-67.89	-24.23
2414	2414-37	Shell-Thin	~153	ENVELOPE	Combination	Min	-71.56	-41.
2414	2414-37	Shell-Thin	~152	ENVELOPE	Combination	Min	-78.91	-42.47
2414	2414-37	Shell-Thin	~186	ENVELOPE	Combination	Min	-75.24	-24.1
2414	2414-38	Shell-Thin	~186	ENVELOPE	Combination	Max	44.84	-26.5
2414	2414-38	Shell-Thin	~152	ENVELOPE	Combination	Max	50.69	-1.19
2414	2414-38	Shell-Thin	~151	ENVELOPE	Combination	Max	59.06	0.49
2414	2414-38	Shell-Thin	~187	ENVELOPE	Combination	Max	53.21	-25.76
2414	2414-38	Shell-Thin	~186	ENVELOPE	Combination	Min	-75.72	-30.42
2414	2414-38	Shell-Thin	~152	ENVELOPE	Combination	Min	-80.16	-48.73
2414	2414-38	Shell-Thin	~151	ENVELOPE	Combination	Min	-76.47	-47.99
2414	2414-38	Shell-Thin	~187	ENVELOPE	Combination	Min	-72.02	-28.74
2414	2414-39	Shell-Thin	~187	ENVELOPE	Combination	Max	51.41	-31.25
2414	2414-39	Shell-Thin	~151	ENVELOPE	Combination	Max	62.94	19.92
2414	2414-39	Shell-Thin	~150	ENVELOPE	Combination	Max	53.86	18.1
2414	2414-39	Shell-Thin	~188	ENVELOPE	Combination	Max	42.33	-26.44
2414	2414-39	Shell-Thin	~187	ENVELOPE	Combination	Min	-73.12	-37.74
2414	2414-39	Shell-Thin	~151	ENVELOPE	Combination	Min	-74.75	-39.4
2414	2414-39	Shell-Thin	~150	ENVELOPE	Combination	Min	-50.7	-34.59
2414	2414-39	Shell-Thin	~188	ENVELOPE	Combination	Min	-49.08	-39.56
2414	2414-40	Shell-Thin	~188	ENVELOPE	Combination	Max	41.76	-42.39
2414	2414-40	Shell-Thin	~150	ENVELOPE	Combination	Max	57.94	38.51
2414	2414-40	Shell-Thin	2043	ENVELOPE	Combination	Max	32.91	26.55
2414	2414-40	Shell-Thin	~10	ENVELOPE	Combination	Max	27.65	-26.81
2414	2414-40	Shell-Thin	~188	ENVELOPE	Combination	Min	-52.35	-42.81
2414	2414-40	Shell-Thin	~150	ENVELOPE	Combination	Min	-47.09	-16.53
2414	2414-40	Shell-Thin	2043	ENVELOPE	Combination	Min	-1.86	-0.53
2414	2414-40	Shell-Thin	~10	ENVELOPE	Combination	Min	-18.04	-54.35

Table: Element Forces - Area Shells, Part 2 of 5

Area	AreaElem	Joint	OutputCase	StepType	F12	FMax	FMin	FAngle
					KN/m	KN/m	KN/m	Degrees
2012	2012-1	2042	ENVELOPE	Max	0.95	0.	0.	0.
2012	2012-1	~1	ENVELOPE	Max	5.37	0.	0.	0.
2012	2012-1	~2	ENVELOPE	Max	9.8	0.	0.	0.
2012	2012-1	~3	ENVELOPE	Max	5.37	0.	0.	0.
2012	2012-1	2042	ENVELOPE	Min	-22.04	0.	0.	0.
2012	2012-1	~1	ENVELOPE	Min	-25.4	0.	0.	0.
2012	2012-1	~2	ENVELOPE	Min	-28.77	0.	0.	0.
2012	2012-1	~3	ENVELOPE	Min	-25.4	0.	0.	0.
2012	2012-2	~3	ENVELOPE	Max	6.57	0.	0.	0.
2012	2012-2	~2	ENVELOPE	Max	9.18	0.	0.	0.

Table: Element Forces - Area Shells, Part 2 of 5

Area	AreaElem	Joint	OutputCase	StepType	F12	FMax	FMin	FAngle
					KN/m	KN/m	KN/m	Degrees
2012	2012-2	~4	ENVELOPE	Max	6.66	0.	0.	0.
2012	2012-2	~5	ENVELOPE	Max	4.05	0.	0.	0.
2012	2012-2	~3	ENVELOPE	Min	-17.21	0.	0.	0.
2012	2012-2	~2	ENVELOPE	Min	-27.06	0.	0.	0.
2012	2012-2	~4	ENVELOPE	Min	-17.86	0.	0.	0.
2012	2012-2	~5	ENVELOPE	Min	-8.01	0.	0.	0.
2012	2012-3	~5	ENVELOPE	Max	2.38	0.	0.	0.
2012	2012-3	~4	ENVELOPE	Max	2.38	0.	0.	0.
2012	2012-3	~6	ENVELOPE	Max	5.18	0.	0.	0.
2012	2012-3	~7	ENVELOPE	Max	5.18	0.	0.	0.
2012	2012-3	~5	ENVELOPE	Min	-5.18	0.	0.	0.
2012	2012-3	~4	ENVELOPE	Min	-5.18	0.	0.	0.
2012	2012-3	~6	ENVELOPE	Min	-2.38	0.	0.	0.
2012	2012-3	~7	ENVELOPE	Min	-2.38	0.	0.	0.
2012	2012-4	~7	ENVELOPE	Max	8.01	0.	0.	0.
2012	2012-4	~6	ENVELOPE	Max	17.86	0.	0.	0.
2012	2012-4	~8	ENVELOPE	Max	27.06	0.	0.	0.
2012	2012-4	~9	ENVELOPE	Max	17.21	0.	0.	0.
2012	2012-4	~7	ENVELOPE	Min	-4.05	0.	0.	0.
2012	2012-4	~6	ENVELOPE	Min	-6.66	0.	0.	0.
2012	2012-4	~8	ENVELOPE	Min	-9.18	0.	0.	0.
2012	2012-4	~9	ENVELOPE	Min	-6.57	0.	0.	0.
2012	2012-5	~9	ENVELOPE	Max	25.4	0.	0.	0.
2012	2012-5	~8	ENVELOPE	Max	28.77	0.	0.	0.
2012	2012-5	~10	ENVELOPE	Max	25.4	0.	0.	0.
2012	2012-5	2043	ENVELOPE	Max	22.04	0.	0.	0.
2012	2012-5	~9	ENVELOPE	Min	-5.37	0.	0.	0.
2012	2012-5	~8	ENVELOPE	Min	-9.8	0.	0.	0.
2012	2012-5	~10	ENVELOPE	Min	-5.37	0.	0.	0.
2012	2012-5	2043	ENVELOPE	Min	-0.95	0.	0.	0.
2012	2012-6	~1	ENVELOPE	Max	6.57	0.	0.	0.
2012	2012-6	~11	ENVELOPE	Max	4.05	0.	0.	0.
2012	2012-6	~12	ENVELOPE	Max	6.66	0.	0.	0.
2012	2012-6	~2	ENVELOPE	Max	9.18	0.	0.	0.
2012	2012-6	~1	ENVELOPE	Min	-17.21	0.	0.	0.
2012	2012-6	~11	ENVELOPE	Min	-8.01	0.	0.	0.
2012	2012-6	~12	ENVELOPE	Min	-17.86	0.	0.	0.
2012	2012-6	~2	ENVELOPE	Min	-27.06	0.	0.	0.
2012	2012-7	~2	ENVELOPE	Max	8.56	0.	0.	0.
2012	2012-7	~12	ENVELOPE	Max	6.14	0.	0.	0.
2012	2012-7	~13	ENVELOPE	Max	3.72	0.	0.	0.
2012	2012-7	~4	ENVELOPE	Max	6.14	0.	0.	0.
2012	2012-7	~2	ENVELOPE	Min	-25.35	0.	0.	0.
2012	2012-7	~12	ENVELOPE	Min	-19.56	0.	0.	0.
2012	2012-7	~13	ENVELOPE	Min	-13.76	0.	0.	0.
2012	2012-7	~4	ENVELOPE	Min	-19.56	0.	0.	0.
2012	2012-8	~4	ENVELOPE	Max	1.86	0.	0.	0.
2012	2012-8	~13	ENVELOPE	Max	1.86	0.	0.	0.
2012	2012-8	~14	ENVELOPE	Max	6.88	0.	0.	0.
2012	2012-8	~6	ENVELOPE	Max	6.88	0.	0.	0.
2012	2012-8	~4	ENVELOPE	Min	-6.88	0.	0.	0.
2012	2012-8	~13	ENVELOPE	Min	-6.88	0.	0.	0.
2012	2012-8	~14	ENVELOPE	Min	-1.86	0.	0.	0.
2012	2012-8	~6	ENVELOPE	Min	-1.86	0.	0.	0.
2012	2012-9	~6	ENVELOPE	Max	19.56	0.	0.	0.

Table: Element Forces - Area Shells, Part 2 of 5

Area	AreaElem	Joint	OutputCase	StepType	F12	FMax	FMin	FAngle
					KN/m	KN/m	KN/m	Degrees
2012	2012-9	~14	ENVELOPE	Max	13.76	0.	0.	0.
2012	2012-9	~15	ENVELOPE	Max	19.56	0.	0.	0.
2012	2012-9	~8	ENVELOPE	Max	25.35	0.	0.	0.
2012	2012-9	~6	ENVELOPE	Min	-6.14	0.	0.	0.
2012	2012-9	~14	ENVELOPE	Min	-3.72	0.	0.	0.
2012	2012-9	~15	ENVELOPE	Min	-6.14	0.	0.	0.
2012	2012-9	~8	ENVELOPE	Min	-8.56	0.	0.	0.
2012	2012-10	~8	ENVELOPE	Max	27.06	0.	0.	0.
2012	2012-10	~15	ENVELOPE	Max	17.86	0.	0.	0.
2012	2012-10	~16	ENVELOPE	Max	8.01	0.	0.	0.
2012	2012-10	~10	ENVELOPE	Max	17.21	0.	0.	0.
2012	2012-10	~8	ENVELOPE	Min	-9.18	0.	0.	0.
2012	2012-10	~15	ENVELOPE	Min	-6.66	0.	0.	0.
2012	2012-10	~16	ENVELOPE	Min	-4.05	0.	0.	0.
2012	2012-10	~10	ENVELOPE	Min	-6.57	0.	0.	0.
2012	2012-11	~11	ENVELOPE	Max	2.38	0.	0.	0.
2012	2012-11	~17	ENVELOPE	Max	5.18	0.	0.	0.
2012	2012-11	~18	ENVELOPE	Max	5.18	0.	0.	0.
2012	2012-11	~12	ENVELOPE	Max	2.38	0.	0.	0.
2012	2012-11	~11	ENVELOPE	Min	-5.18	0.	0.	0.
2012	2012-11	~17	ENVELOPE	Min	-2.38	0.	0.	0.
2012	2012-11	~18	ENVELOPE	Min	-2.38	0.	0.	0.
2012	2012-11	~12	ENVELOPE	Min	-5.18	0.	0.	0.
2012	2012-12	~12	ENVELOPE	Max	1.86	0.	0.	0.
2012	2012-12	~18	ENVELOPE	Max	6.88	0.	0.	0.
2012	2012-12	~19	ENVELOPE	Max	6.88	0.	0.	0.
2012	2012-12	~13	ENVELOPE	Max	1.86	0.	0.	0.
2012	2012-12	~12	ENVELOPE	Min	-6.88	0.	0.	0.
2012	2012-12	~18	ENVELOPE	Min	-1.86	0.	0.	0.
2012	2012-12	~19	ENVELOPE	Min	-1.86	0.	0.	0.
2012	2012-12	~13	ENVELOPE	Min	-6.88	0.	0.	0.
2012	2012-13	~13	ENVELOPE	Max	1.133E-12	0.	0.	0.
2012	2012-13	~19	ENVELOPE	Max	4.075E-13	0.	0.	0.
2012	2012-13	~20	ENVELOPE	Max	3.146E-14	0.	0.	0.
2012	2012-13	~14	ENVELOPE	Max	6.811E-13	0.	0.	0.
2012	2012-13	~13	ENVELOPE	Min	3.034E-13	0.	0.	0.
2012	2012-13	~19	ENVELOPE	Min	1.366E-13	0.	0.	0.
2012	2012-13	~20	ENVELOPE	Min	-4.368E-14	0.	0.	0.
2012	2012-13	~14	ENVELOPE	Min	2.005E-13	0.	0.	0.
2012	2012-14	~14	ENVELOPE	Max	6.88	0.	0.	0.
2012	2012-14	~20	ENVELOPE	Max	1.86	0.	0.	0.
2012	2012-14	~21	ENVELOPE	Max	1.86	0.	0.	0.
2012	2012-14	~15	ENVELOPE	Max	6.88	0.	0.	0.
2012	2012-14	~14	ENVELOPE	Min	-1.86	0.	0.	0.
2012	2012-14	~20	ENVELOPE	Min	-6.88	0.	0.	0.
2012	2012-14	~21	ENVELOPE	Min	-6.88	0.	0.	0.
2012	2012-14	~15	ENVELOPE	Min	-1.86	0.	0.	0.
2012	2012-15	~15	ENVELOPE	Max	5.18	0.	0.	0.
2012	2012-15	~21	ENVELOPE	Max	2.38	0.	0.	0.
2012	2012-15	~22	ENVELOPE	Max	2.38	0.	0.	0.
2012	2012-15	~16	ENVELOPE	Max	5.18	0.	0.	0.
2012	2012-15	~15	ENVELOPE	Min	-2.38	0.	0.	0.
2012	2012-15	~21	ENVELOPE	Min	-5.18	0.	0.	0.
2012	2012-15	~22	ENVELOPE	Min	-5.18	0.	0.	0.
2012	2012-15	~16	ENVELOPE	Min	-2.38	0.	0.	0.

Table: Element Forces - Area Shells, Part 2 of 5

Area	AreaElem	Joint	OutputCase	StepType	F12	FMax	FMin	FAngle
					KN/m	KN/m	KN/m	Degrees
2012	2012-16	~17	ENVELOPE	Max	8.01	0.	0.	0.
2012	2012-16	~23	ENVELOPE	Max	17.21	0.	0.	0.
2012	2012-16	~24	ENVELOPE	Max	27.06	0.	0.	0.
2012	2012-16	~18	ENVELOPE	Max	17.86	0.	0.	0.
2012	2012-16	~17	ENVELOPE	Min	-4.05	0.	0.	0.
2012	2012-16	~23	ENVELOPE	Min	-6.57	0.	0.	0.
2012	2012-16	~24	ENVELOPE	Min	-9.18	0.	0.	0.
2012	2012-16	~18	ENVELOPE	Min	-6.66	0.	0.	0.
2012	2012-17	~18	ENVELOPE	Max	19.56	0.	0.	0.
2012	2012-17	~24	ENVELOPE	Max	25.35	0.	0.	0.
2012	2012-17	~25	ENVELOPE	Max	19.56	0.	0.	0.
2012	2012-17	~19	ENVELOPE	Max	13.76	0.	0.	0.
2012	2012-17	~18	ENVELOPE	Min	-6.14	0.	0.	0.
2012	2012-17	~24	ENVELOPE	Min	-8.56	0.	0.	0.
2012	2012-17	~25	ENVELOPE	Min	-6.14	0.	0.	0.
2012	2012-17	~19	ENVELOPE	Min	-3.72	0.	0.	0.
2012	2012-18	~19	ENVELOPE	Max	6.88	0.	0.	0.
2012	2012-18	~25	ENVELOPE	Max	6.88	0.	0.	0.
2012	2012-18	~26	ENVELOPE	Max	1.86	0.	0.	0.
2012	2012-18	~20	ENVELOPE	Max	1.86	0.	0.	0.
2012	2012-18	~19	ENVELOPE	Min	-1.86	0.	0.	0.
2012	2012-18	~25	ENVELOPE	Min	-1.86	0.	0.	0.
2012	2012-18	~26	ENVELOPE	Min	-6.88	0.	0.	0.
2012	2012-18	~20	ENVELOPE	Min	-6.88	0.	0.	0.
2012	2012-19	~20	ENVELOPE	Max	3.72	0.	0.	0.
2012	2012-19	~26	ENVELOPE	Max	6.14	0.	0.	0.
2012	2012-19	~27	ENVELOPE	Max	8.56	0.	0.	0.
2012	2012-19	~21	ENVELOPE	Max	6.14	0.	0.	0.
2012	2012-19	~20	ENVELOPE	Min	-13.76	0.	0.	0.
2012	2012-19	~26	ENVELOPE	Min	-19.56	0.	0.	0.
2012	2012-19	~27	ENVELOPE	Min	-25.35	0.	0.	0.
2012	2012-19	~21	ENVELOPE	Min	-19.56	0.	0.	0.
2012	2012-20	~21	ENVELOPE	Max	6.66	0.	0.	0.
2012	2012-20	~27	ENVELOPE	Max	9.18	0.	0.	0.
2012	2012-20	~28	ENVELOPE	Max	6.57	0.	0.	0.
2012	2012-20	~22	ENVELOPE	Max	4.05	0.	0.	0.
2012	2012-20	~21	ENVELOPE	Min	-17.86	0.	0.	0.
2012	2012-20	~27	ENVELOPE	Min	-27.06	0.	0.	0.
2012	2012-20	~28	ENVELOPE	Min	-17.21	0.	0.	0.
2012	2012-20	~22	ENVELOPE	Min	-8.01	0.	0.	0.
2012	2012-21	~23	ENVELOPE	Max	25.4	0.	0.	0.
2012	2012-21	2045	ENVELOPE	Max	22.04	0.	0.	0.
2012	2012-21	~29	ENVELOPE	Max	25.4	0.	0.	0.
2012	2012-21	~24	ENVELOPE	Max	28.77	0.	0.	0.
2012	2012-21	~23	ENVELOPE	Min	-5.37	0.	0.	0.
2012	2012-21	2045	ENVELOPE	Min	-0.95	0.	0.	0.
2012	2012-21	~29	ENVELOPE	Min	-5.37	0.	0.	0.
2012	2012-21	~24	ENVELOPE	Min	-9.8	0.	0.	0.
2012	2012-22	~24	ENVELOPE	Max	27.06	0.	0.	0.
2012	2012-22	~29	ENVELOPE	Max	17.21	0.	0.	0.
2012	2012-22	~30	ENVELOPE	Max	8.01	0.	0.	0.
2012	2012-22	~25	ENVELOPE	Max	17.86	0.	0.	0.
2012	2012-22	~24	ENVELOPE	Min	-9.18	0.	0.	0.
2012	2012-22	~29	ENVELOPE	Min	-6.57	0.	0.	0.
2012	2012-22	~30	ENVELOPE	Min	-4.05	0.	0.	0.

Table: Element Forces - Area Shells, Part 2 of 5

Area	AreaElem	Joint	OutputCase	StepType	F12	FMax	FMin	FAngle
					KN/m	KN/m	KN/m	Degrees
2012	2012-22	~25	ENVELOPE	Min	-6.66	0.	0.	0.
2012	2012-23	~25	ENVELOPE	Max	5.18	0.	0.	0.
2012	2012-23	~30	ENVELOPE	Max	5.18	0.	0.	0.
2012	2012-23	~31	ENVELOPE	Max	2.38	0.	0.	0.
2012	2012-23	~26	ENVELOPE	Max	2.38	0.	0.	0.
2012	2012-23	~25	ENVELOPE	Min	-2.38	0.	0.	0.
2012	2012-23	~30	ENVELOPE	Min	-2.38	0.	0.	0.
2012	2012-23	~31	ENVELOPE	Min	-5.18	0.	0.	0.
2012	2012-23	~26	ENVELOPE	Min	-5.18	0.	0.	0.
2012	2012-24	~26	ENVELOPE	Max	6.66	0.	0.	0.
2012	2012-24	~31	ENVELOPE	Max	4.05	0.	0.	0.
2012	2012-24	~32	ENVELOPE	Max	6.57	0.	0.	0.
2012	2012-24	~27	ENVELOPE	Max	9.18	0.	0.	0.
2012	2012-24	~26	ENVELOPE	Min	-17.86	0.	0.	0.
2012	2012-24	~31	ENVELOPE	Min	-8.01	0.	0.	0.
2012	2012-24	~32	ENVELOPE	Min	-17.21	0.	0.	0.
2012	2012-24	~27	ENVELOPE	Min	-27.06	0.	0.	0.
2012	2012-25	~27	ENVELOPE	Max	9.8	0.	0.	0.
2012	2012-25	~32	ENVELOPE	Max	5.37	0.	0.	0.
2012	2012-25	2044	ENVELOPE	Max	0.95	0.	0.	0.
2012	2012-25	~28	ENVELOPE	Max	5.37	0.	0.	0.
2012	2012-25	~27	ENVELOPE	Min	-28.77	0.	0.	0.
2012	2012-25	~32	ENVELOPE	Min	-25.4	0.	0.	0.
2012	2012-25	2044	ENVELOPE	Min	-22.04	0.	0.	0.
2012	2012-25	~28	ENVELOPE	Min	-25.4	0.	0.	0.
2114	2114-1	1	ENVELOPE	Max	1.11	0.	0.	0.
2114	2114-1	~33	ENVELOPE	Max	3.32	0.	0.	0.
2114	2114-1	~34	ENVELOPE	Max	1.36	0.	0.	0.
2114	2114-1	~35	ENVELOPE	Max	0.11	0.	0.	0.
2114	2114-1	1	ENVELOPE	Min	-0.56	0.	0.	0.
2114	2114-1	~33	ENVELOPE	Min	-0.93	0.	0.	0.
2114	2114-1	~34	ENVELOPE	Min	-0.26	0.	0.	0.
2114	2114-1	~35	ENVELOPE	Min	-0.85	0.	0.	0.
2114	2114-2	~35	ENVELOPE	Max	0.28	0.	0.	0.
2114	2114-2	~34	ENVELOPE	Max	0.27	0.	0.	0.
2114	2114-2	~36	ENVELOPE	Max	0.57	0.	0.	0.
2114	2114-2	~37	ENVELOPE	Max	0.59	0.	0.	0.
2114	2114-2	~35	ENVELOPE	Min	0.14	0.	0.	0.
2114	2114-2	~34	ENVELOPE	Min	0.25	0.	0.	0.
2114	2114-2	~36	ENVELOPE	Min	-0.28	0.	0.	0.
2114	2114-2	~37	ENVELOPE	Min	-0.39	0.	0.	0.
2114	2114-3	~37	ENVELOPE	Max	0.23	0.	0.	0.
2114	2114-3	~36	ENVELOPE	Max	0.62	0.	0.	0.
2114	2114-3	~38	ENVELOPE	Max	1.96	0.	0.	0.
2114	2114-3	~39	ENVELOPE	Max	1.55	0.	0.	0.
2114	2114-3	~37	ENVELOPE	Min	0.21	0.	0.	0.
2114	2114-3	~36	ENVELOPE	Min	0.21	0.	0.	0.
2114	2114-3	~38	ENVELOPE	Min	-0.67	0.	0.	0.
2114	2114-3	~39	ENVELOPE	Min	-0.64	0.	0.	0.
2114	2114-4	~39	ENVELOPE	Max	1.86	0.	0.	0.
2114	2114-4	~38	ENVELOPE	Max	2.64	0.	0.	0.
2114	2114-4	~40	ENVELOPE	Max	2.52	0.	0.	0.
2114	2114-4	~41	ENVELOPE	Max	1.74	0.	0.	0.
2114	2114-4	~39	ENVELOPE	Min	-0.91	0.	0.	0.
2114	2114-4	~38	ENVELOPE	Min	-1.8	0.	0.	0.

Table: Element Forces - Area Shells, Part 2 of 5

Area	AreaElem	Joint	OutputCase	StepType	F12	FMax	FMin	FAngle
					KN/m	KN/m	KN/m	Degrees
2114	2114-4	~40	ENVELOPE	Min	-2.61	0.	0.	0.
2114	2114-4	~41	ENVELOPE	Min	-1.73	0.	0.	0.
2114	2114-5	~41	ENVELOPE	Max	1.87	0.	0.	0.
2114	2114-5	~40	ENVELOPE	Max	2.11	0.	0.	0.
2114	2114-5	~42	ENVELOPE	Max	1.54	0.	0.	0.
2114	2114-5	~43	ENVELOPE	Max	1.3	0.	0.	0.
2114	2114-5	~41	ENVELOPE	Min	-2.32	0.	0.	0.
2114	2114-5	~40	ENVELOPE	Min	-4.12	0.	0.	0.
2114	2114-5	~42	ENVELOPE	Min	-6.16	0.	0.	0.
2114	2114-5	~43	ENVELOPE	Min	-4.36	0.	0.	0.
2114	2114-6	~43	ENVELOPE	Max	0.25	0.	0.	0.
2114	2114-6	~42	ENVELOPE	Max	-0.64	0.	0.	0.
2114	2114-6	~44	ENVELOPE	Max	-4.45	0.	0.	0.
2114	2114-6	~45	ENVELOPE	Max	-3.56	0.	0.	0.
2114	2114-6	~43	ENVELOPE	Min	-5.01	0.	0.	0.
2114	2114-6	~42	ENVELOPE	Min	-8.65	0.	0.	0.
2114	2114-6	~44	ENVELOPE	Min	-9.5	0.	0.	0.
2114	2114-6	~45	ENVELOPE	Min	-5.85	0.	0.	0.
2114	2114-7	~45	ENVELOPE	Max	-4.14	0.	0.	0.
2114	2114-7	~44	ENVELOPE	Max	-8.48	0.	0.	0.
2114	2114-7	~46	ENVELOPE	Max	-7.39	0.	0.	0.
2114	2114-7	~47	ENVELOPE	Max	-6.99	0.	0.	0.
2114	2114-7	~45	ENVELOPE	Min	-8.08	0.	0.	0.
2114	2114-7	~44	ENVELOPE	Min	-11.77	0.	0.	0.
2114	2114-7	~46	ENVELOPE	Min	-15.67	0.	0.	0.
2114	2114-7	~47	ENVELOPE	Min	-8.03	0.	0.	0.
2114	2114-8	~47	ENVELOPE	Max	0.44	0.	0.	0.
2114	2114-8	~46	ENVELOPE	Max	-5.87	0.	0.	0.
2114	2114-8	~1	ENVELOPE	Max	-6.74	0.	0.	0.
2114	2114-8	2042	ENVELOPE	Max	-0.44	0.	0.	0.
2114	2114-8	~47	ENVELOPE	Min	-13.49	0.	0.	0.
2114	2114-8	~46	ENVELOPE	Min	-13.78	0.	0.	0.
2114	2114-8	~1	ENVELOPE	Min	-9.99	0.	0.	0.
2114	2114-8	2042	ENVELOPE	Min	-9.7	0.	0.	0.
2114	2114-9	~33	ENVELOPE	Max	1.16	0.	0.	0.
2114	2114-9	~48	ENVELOPE	Max	0.2	0.	0.	0.
2114	2114-9	~49	ENVELOPE	Max	0.77	0.	0.	0.
2114	2114-9	~34	ENVELOPE	Max	1.73	0.	0.	0.
2114	2114-9	~33	ENVELOPE	Min	-0.27	0.	0.	0.
2114	2114-9	~48	ENVELOPE	Min	8.495E-03	0.	0.	0.
2114	2114-9	~49	ENVELOPE	Min	-6.028E-02	0.	0.	0.
2114	2114-9	~34	ENVELOPE	Min	-0.34	0.	0.	0.
2114	2114-10	~34	ENVELOPE	Max	0.62	0.	0.	0.
2114	2114-10	~49	ENVELOPE	Max	1.36	0.	0.	0.
2114	2114-10	~50	ENVELOPE	Max	1.42	0.	0.	0.
2114	2114-10	~36	ENVELOPE	Max	0.68	0.	0.	0.
2114	2114-10	~34	ENVELOPE	Min	0.19	0.	0.	0.
2114	2114-10	~49	ENVELOPE	Min	-0.14	0.	0.	0.
2114	2114-10	~50	ENVELOPE	Min	-0.21	0.	0.	0.
2114	2114-10	~36	ENVELOPE	Min	0.12	0.	0.	0.
2114	2114-11	~36	ENVELOPE	Max	1.57	0.	0.	0.
2114	2114-11	~50	ENVELOPE	Max	0.98	0.	0.	0.
2114	2114-11	~51	ENVELOPE	Max	1.18	0.	0.	0.
2114	2114-11	~38	ENVELOPE	Max	1.77	0.	0.	0.
2114	2114-11	~36	ENVELOPE	Min	-0.24	0.	0.	0.

Table: Element Forces - Area Shells, Part 2 of 5

Area	AreaElem	Joint	OutputCase	StepType	F12	FMax	FMin	FAngle
					KN/m	KN/m	KN/m	Degrees
2114	2114-11	~50	ENVELOPE	Min	-0.23	0.	0.	0.
2114	2114-11	~51	ENVELOPE	Min	-0.79	0.	0.	0.
2114	2114-11	~38	ENVELOPE	Min	-0.8	0.	0.	0.
2114	2114-12	~38	ENVELOPE	Max	2.45	0.	0.	0.
2114	2114-12	~51	ENVELOPE	Max	1.76	0.	0.	0.
2114	2114-12	~52	ENVELOPE	Max	2.14	0.	0.	0.
2114	2114-12	~40	ENVELOPE	Max	2.84	0.	0.	0.
2114	2114-12	~38	ENVELOPE	Min	-1.92	0.	0.	0.
2114	2114-12	~51	ENVELOPE	Min	-1.31	0.	0.	0.
2114	2114-12	~52	ENVELOPE	Min	-3.01	0.	0.	0.
2114	2114-12	~40	ENVELOPE	Min	-3.62	0.	0.	0.
2114	2114-13	~40	ENVELOPE	Max	2.43	0.	0.	0.
2114	2114-13	~52	ENVELOPE	Max	1.92	0.	0.	0.
2114	2114-13	~53	ENVELOPE	Max	1.522E-02	0.	0.	0.
2114	2114-13	~42	ENVELOPE	Max	0.52	0.	0.	0.
2114	2114-13	~40	ENVELOPE	Min	-5.13	0.	0.	0.
2114	2114-13	~52	ENVELOPE	Min	-4.19	0.	0.	0.
2114	2114-13	~53	ENVELOPE	Min	-5.98	0.	0.	0.
2114	2114-13	~42	ENVELOPE	Min	-6.92	0.	0.	0.
2114	2114-14	~42	ENVELOPE	Max	-1.66	0.	0.	0.
2114	2114-14	~53	ENVELOPE	Max	-1.72	0.	0.	0.
2114	2114-14	~54	ENVELOPE	Max	-6.9	0.	0.	0.
2114	2114-14	~44	ENVELOPE	Max	-6.84	0.	0.	0.
2114	2114-14	~42	ENVELOPE	Min	-9.4	0.	0.	0.
2114	2114-14	~53	ENVELOPE	Min	-6.55	0.	0.	0.
2114	2114-14	~54	ENVELOPE	Min	-7.13	0.	0.	0.
2114	2114-14	~44	ENVELOPE	Min	-9.98	0.	0.	0.
2114	2114-15	~44	ENVELOPE	Max	-8.97	0.	0.	0.
2114	2114-15	~54	ENVELOPE	Max	-7.02	0.	0.	0.
2114	2114-15	~55	ENVELOPE	Max	-5.67	0.	0.	0.
2114	2114-15	~46	ENVELOPE	Max	-7.61	0.	0.	0.
2114	2114-15	~44	ENVELOPE	Min	-14.16	0.	0.	0.
2114	2114-15	~54	ENVELOPE	Min	-10.39	0.	0.	0.
2114	2114-15	~55	ENVELOPE	Min	-13.01	0.	0.	0.
2114	2114-15	~46	ENVELOPE	Min	-16.79	0.	0.	0.
2114	2114-16	~46	ENVELOPE	Max	-6.09	0.	0.	0.
2114	2114-16	~55	ENVELOPE	Max	-4.64	0.	0.	0.
2114	2114-16	~11	ENVELOPE	Max	0.48	0.	0.	0.
2114	2114-16	~1	ENVELOPE	Max	-0.97	0.	0.	0.
2114	2114-16	~46	ENVELOPE	Min	-14.9	0.	0.	0.
2114	2114-16	~55	ENVELOPE	Min	-11.39	0.	0.	0.
2114	2114-16	~11	ENVELOPE	Min	-7.1	0.	0.	0.
2114	2114-16	~1	ENVELOPE	Min	-10.61	0.	0.	0.
2114	2114-17	~48	ENVELOPE	Max	4.818E-02	0.	0.	0.
2114	2114-17	~56	ENVELOPE	Max	-1.034E-02	0.	0.	0.
2114	2114-17	~57	ENVELOPE	Max	-1.034E-02	0.	0.	0.
2114	2114-17	~49	ENVELOPE	Max	4.818E-02	0.	0.	0.
2114	2114-17	~48	ENVELOPE	Min	1.034E-02	0.	0.	0.
2114	2114-17	~56	ENVELOPE	Min	-4.818E-02	0.	0.	0.
2114	2114-17	~57	ENVELOPE	Min	-4.818E-02	0.	0.	0.
2114	2114-17	~49	ENVELOPE	Min	1.034E-02	0.	0.	0.
2114	2114-18	~49	ENVELOPE	Max	0.63	0.	0.	0.
2114	2114-18	~57	ENVELOPE	Max	7.231E-02	0.	0.	0.
2114	2114-18	~58	ENVELOPE	Max	7.231E-02	0.	0.	0.
2114	2114-18	~50	ENVELOPE	Max	0.63	0.	0.	0.

Table: Element Forces - Area Shells, Part 2 of 5

Area	AreaElem	Joint	OutputCase	StepType	F12	FMax	FMin	FAngle
					KN/m	KN/m	KN/m	Degrees
2114	2114-18	~49	ENVELOPE	Min	-7.231E-02	0.	0.	0.
2114	2114-18	~57	ENVELOPE	Min	-0.63	0.	0.	0.
2114	2114-18	~58	ENVELOPE	Min	-0.63	0.	0.	0.
2114	2114-18	~50	ENVELOPE	Min	-7.231E-02	0.	0.	0.
2114	2114-19	~50	ENVELOPE	Max	0.19	0.	0.	0.
2114	2114-19	~58	ENVELOPE	Max	9.614E-02	0.	0.	0.
2114	2114-19	~59	ENVELOPE	Max	9.614E-02	0.	0.	0.
2114	2114-19	~51	ENVELOPE	Max	0.19	0.	0.	0.
2114	2114-19	~50	ENVELOPE	Min	-9.614E-02	0.	0.	0.
2114	2114-19	~58	ENVELOPE	Min	-0.19	0.	0.	0.
2114	2114-19	~59	ENVELOPE	Min	-0.19	0.	0.	0.
2114	2114-19	~51	ENVELOPE	Min	-9.614E-02	0.	0.	0.
2114	2114-20	~51	ENVELOPE	Max	0.77	0.	0.	0.
2114	2114-20	~59	ENVELOPE	Max	0.62	0.	0.	0.
2114	2114-20	~60	ENVELOPE	Max	0.62	0.	0.	0.
2114	2114-20	~52	ENVELOPE	Max	0.77	0.	0.	0.
2114	2114-20	~51	ENVELOPE	Min	-0.62	0.	0.	0.
2114	2114-20	~59	ENVELOPE	Min	-0.77	0.	0.	0.
2114	2114-20	~60	ENVELOPE	Min	-0.77	0.	0.	0.
2114	2114-20	~52	ENVELOPE	Min	-0.62	0.	0.	0.
2114	2114-21	~52	ENVELOPE	Max	0.55	0.	0.	0.
2114	2114-21	~60	ENVELOPE	Max	1.8	0.	0.	0.
2114	2114-21	~61	ENVELOPE	Max	1.8	0.	0.	0.
2114	2114-21	~53	ENVELOPE	Max	0.55	0.	0.	0.
2114	2114-21	~52	ENVELOPE	Min	-1.8	0.	0.	0.
2114	2114-21	~60	ENVELOPE	Min	-0.55	0.	0.	0.
2114	2114-21	~61	ENVELOPE	Min	-0.55	0.	0.	0.
2114	2114-21	~53	ENVELOPE	Min	-1.8	0.	0.	0.
2114	2114-22	~53	ENVELOPE	Max	-1.19	0.	0.	0.
2114	2114-22	~61	ENVELOPE	Max	2.37	0.	0.	0.
2114	2114-22	~62	ENVELOPE	Max	2.37	0.	0.	0.
2114	2114-22	~54	ENVELOPE	Max	-1.19	0.	0.	0.
2114	2114-22	~53	ENVELOPE	Min	-2.37	0.	0.	0.
2114	2114-22	~61	ENVELOPE	Min	1.19	0.	0.	0.
2114	2114-22	~62	ENVELOPE	Min	1.19	0.	0.	0.
2114	2114-22	~54	ENVELOPE	Min	-2.37	0.	0.	0.
2114	2114-23	~54	ENVELOPE	Max	-2.26	0.	0.	0.
2114	2114-23	~62	ENVELOPE	Max	4.67	0.	0.	0.
2114	2114-23	~63	ENVELOPE	Max	4.67	0.	0.	0.
2114	2114-23	~55	ENVELOPE	Max	-2.26	0.	0.	0.
2114	2114-23	~54	ENVELOPE	Min	-4.67	0.	0.	0.
2114	2114-23	~62	ENVELOPE	Min	2.26	0.	0.	0.
2114	2114-23	~63	ENVELOPE	Min	2.26	0.	0.	0.
2114	2114-23	~55	ENVELOPE	Min	-4.67	0.	0.	0.
2114	2114-24	~55	ENVELOPE	Max	-1.23	0.	0.	0.
2114	2114-24	~63	ENVELOPE	Max	3.05	0.	0.	0.
2114	2114-24	~17	ENVELOPE	Max	3.05	0.	0.	0.
2114	2114-24	~11	ENVELOPE	Max	-1.23	0.	0.	0.
2114	2114-24	~55	ENVELOPE	Min	-3.05	0.	0.	0.
2114	2114-24	~63	ENVELOPE	Min	1.23	0.	0.	0.
2114	2114-24	~17	ENVELOPE	Min	1.23	0.	0.	0.
2114	2114-24	~11	ENVELOPE	Min	-3.05	0.	0.	0.
2114	2114-25	~56	ENVELOPE	Max	-8.495E-03	0.	0.	0.
2114	2114-25	~64	ENVELOPE	Max	0.27	0.	0.	0.
2114	2114-25	~65	ENVELOPE	Max	0.34	0.	0.	0.

Table: Element Forces - Area Shells, Part 2 of 5

Area	AreaElem	Joint	OutputCase	StepType	F12	FMax	FMin	FAngle
					KN/m	KN/m	KN/m	Degrees
2114	2114-25	~57	ENVELOPE	Max	6.028E-02	0.	0.	0.
2114	2114-25	~56	ENVELOPE	Min	-0.2	0.	0.	0.
2114	2114-25	~64	ENVELOPE	Min	-1.16	0.	0.	0.
2114	2114-25	~65	ENVELOPE	Min	-1.73	0.	0.	0.
2114	2114-25	~57	ENVELOPE	Min	-0.77	0.	0.	0.
2114	2114-26	~57	ENVELOPE	Max	0.14	0.	0.	0.
2114	2114-26	~65	ENVELOPE	Max	-0.19	0.	0.	0.
2114	2114-26	~66	ENVELOPE	Max	-0.12	0.	0.	0.
2114	2114-26	~58	ENVELOPE	Max	0.21	0.	0.	0.
2114	2114-26	~57	ENVELOPE	Min	-1.36	0.	0.	0.
2114	2114-26	~65	ENVELOPE	Min	-0.62	0.	0.	0.
2114	2114-26	~66	ENVELOPE	Min	-0.68	0.	0.	0.
2114	2114-26	~58	ENVELOPE	Min	-1.42	0.	0.	0.
2114	2114-27	~58	ENVELOPE	Max	0.23	0.	0.	0.
2114	2114-27	~66	ENVELOPE	Max	0.24	0.	0.	0.
2114	2114-27	~67	ENVELOPE	Max	0.8	0.	0.	0.
2114	2114-27	~59	ENVELOPE	Max	0.79	0.	0.	0.
2114	2114-27	~58	ENVELOPE	Min	-0.98	0.	0.	0.
2114	2114-27	~66	ENVELOPE	Min	-1.57	0.	0.	0.
2114	2114-27	~67	ENVELOPE	Min	-1.77	0.	0.	0.
2114	2114-27	~59	ENVELOPE	Min	-1.18	0.	0.	0.
2114	2114-28	~59	ENVELOPE	Max	1.31	0.	0.	0.
2114	2114-28	~67	ENVELOPE	Max	1.92	0.	0.	0.
2114	2114-28	~68	ENVELOPE	Max	3.62	0.	0.	0.
2114	2114-28	~60	ENVELOPE	Max	3.01	0.	0.	0.
2114	2114-28	~59	ENVELOPE	Min	-1.76	0.	0.	0.
2114	2114-28	~67	ENVELOPE	Min	-2.45	0.	0.	0.
2114	2114-28	~68	ENVELOPE	Min	-2.84	0.	0.	0.
2114	2114-28	~60	ENVELOPE	Min	-2.14	0.	0.	0.
2114	2114-29	~60	ENVELOPE	Max	4.19	0.	0.	0.
2114	2114-29	~68	ENVELOPE	Max	5.13	0.	0.	0.
2114	2114-29	~69	ENVELOPE	Max	6.92	0.	0.	0.
2114	2114-29	~61	ENVELOPE	Max	5.98	0.	0.	0.
2114	2114-29	~60	ENVELOPE	Min	-1.92	0.	0.	0.
2114	2114-29	~68	ENVELOPE	Min	-2.43	0.	0.	0.
2114	2114-29	~69	ENVELOPE	Min	-0.52	0.	0.	0.
2114	2114-29	~61	ENVELOPE	Min	-1.522E-02	0.	0.	0.
2114	2114-30	~61	ENVELOPE	Max	6.55	0.	0.	0.
2114	2114-30	~69	ENVELOPE	Max	9.4	0.	0.	0.
2114	2114-30	~70	ENVELOPE	Max	9.98	0.	0.	0.
2114	2114-30	~62	ENVELOPE	Max	7.13	0.	0.	0.
2114	2114-30	~61	ENVELOPE	Min	1.72	0.	0.	0.
2114	2114-30	~69	ENVELOPE	Min	1.66	0.	0.	0.
2114	2114-30	~70	ENVELOPE	Min	6.84	0.	0.	0.
2114	2114-30	~62	ENVELOPE	Min	6.9	0.	0.	0.
2114	2114-31	~62	ENVELOPE	Max	10.39	0.	0.	0.
2114	2114-31	~70	ENVELOPE	Max	14.16	0.	0.	0.
2114	2114-31	~71	ENVELOPE	Max	16.79	0.	0.	0.
2114	2114-31	~63	ENVELOPE	Max	13.01	0.	0.	0.
2114	2114-31	~62	ENVELOPE	Min	7.02	0.	0.	0.
2114	2114-31	~70	ENVELOPE	Min	8.97	0.	0.	0.
2114	2114-31	~71	ENVELOPE	Min	7.61	0.	0.	0.
2114	2114-31	~63	ENVELOPE	Min	5.67	0.	0.	0.
2114	2114-32	~63	ENVELOPE	Max	11.39	0.	0.	0.
2114	2114-32	~71	ENVELOPE	Max	14.9	0.	0.	0.

Table: Element Forces - Area Shells, Part 2 of 5

Area	AreaElem	Joint	OutputCase	StepType	F12	FMax	FMin	FAngle
					KN/m	KN/m	KN/m	Degrees
2114	2114-32	~23	ENVELOPE	Max	10.61	0.	0.	0.
2114	2114-32	~17	ENVELOPE	Max	7.1	0.	0.	0.
2114	2114-32	~63	ENVELOPE	Min	4.64	0.	0.	0.
2114	2114-32	~71	ENVELOPE	Min	6.09	0.	0.	0.
2114	2114-32	~23	ENVELOPE	Min	0.97	0.	0.	0.
2114	2114-32	~17	ENVELOPE	Min	-0.48	0.	0.	0.
2114	2114-33	~64	ENVELOPE	Max	0.93	0.	0.	0.
2114	2114-33	3	ENVELOPE	Max	0.56	0.	0.	0.
2114	2114-33	~72	ENVELOPE	Max	0.85	0.	0.	0.
2114	2114-33	~65	ENVELOPE	Max	0.26	0.	0.	0.
2114	2114-33	~64	ENVELOPE	Min	-3.32	0.	0.	0.
2114	2114-33	3	ENVELOPE	Min	-1.11	0.	0.	0.
2114	2114-33	~72	ENVELOPE	Min	-0.11	0.	0.	0.
2114	2114-33	~65	ENVELOPE	Min	-1.36	0.	0.	0.
2114	2114-34	~65	ENVELOPE	Max	-0.25	0.	0.	0.
2114	2114-34	~72	ENVELOPE	Max	-0.14	0.	0.	0.
2114	2114-34	~73	ENVELOPE	Max	0.39	0.	0.	0.
2114	2114-34	~66	ENVELOPE	Max	0.28	0.	0.	0.
2114	2114-34	~65	ENVELOPE	Min	-0.27	0.	0.	0.
2114	2114-34	~72	ENVELOPE	Min	-0.28	0.	0.	0.
2114	2114-34	~73	ENVELOPE	Min	-0.59	0.	0.	0.
2114	2114-34	~66	ENVELOPE	Min	-0.57	0.	0.	0.
2114	2114-35	~66	ENVELOPE	Max	-0.21	0.	0.	0.
2114	2114-35	~73	ENVELOPE	Max	-0.21	0.	0.	0.
2114	2114-35	~74	ENVELOPE	Max	0.64	0.	0.	0.
2114	2114-35	~67	ENVELOPE	Max	0.67	0.	0.	0.
2114	2114-35	~66	ENVELOPE	Min	-0.62	0.	0.	0.
2114	2114-35	~73	ENVELOPE	Min	-0.23	0.	0.	0.
2114	2114-35	~74	ENVELOPE	Min	-1.55	0.	0.	0.
2114	2114-35	~67	ENVELOPE	Min	-1.96	0.	0.	0.
2114	2114-36	~67	ENVELOPE	Max	1.8	0.	0.	0.
2114	2114-36	~74	ENVELOPE	Max	0.91	0.	0.	0.
2114	2114-36	~75	ENVELOPE	Max	1.73	0.	0.	0.
2114	2114-36	~68	ENVELOPE	Max	2.61	0.	0.	0.
2114	2114-36	~67	ENVELOPE	Min	-2.64	0.	0.	0.
2114	2114-36	~74	ENVELOPE	Min	-1.86	0.	0.	0.
2114	2114-36	~75	ENVELOPE	Min	-1.74	0.	0.	0.
2114	2114-36	~68	ENVELOPE	Min	-2.52	0.	0.	0.
2114	2114-37	~68	ENVELOPE	Max	4.12	0.	0.	0.
2114	2114-37	~75	ENVELOPE	Max	2.32	0.	0.	0.
2114	2114-37	~76	ENVELOPE	Max	4.36	0.	0.	0.
2114	2114-37	~69	ENVELOPE	Max	6.16	0.	0.	0.
2114	2114-37	~68	ENVELOPE	Min	-2.11	0.	0.	0.
2114	2114-37	~75	ENVELOPE	Min	-1.87	0.	0.	0.
2114	2114-37	~76	ENVELOPE	Min	-1.3	0.	0.	0.
2114	2114-37	~69	ENVELOPE	Min	-1.54	0.	0.	0.
2114	2114-38	~69	ENVELOPE	Max	8.65	0.	0.	0.
2114	2114-38	~76	ENVELOPE	Max	5.01	0.	0.	0.
2114	2114-38	~77	ENVELOPE	Max	5.85	0.	0.	0.
2114	2114-38	~70	ENVELOPE	Max	9.5	0.	0.	0.
2114	2114-38	~69	ENVELOPE	Min	0.64	0.	0.	0.
2114	2114-38	~76	ENVELOPE	Min	-0.25	0.	0.	0.
2114	2114-38	~77	ENVELOPE	Min	3.56	0.	0.	0.
2114	2114-38	~70	ENVELOPE	Min	4.45	0.	0.	0.
2114	2114-39	~70	ENVELOPE	Max	11.77	0.	0.	0.

Table: Element Forces - Area Shells, Part 2 of 5

Area	AreaElem	Joint	OutputCase	StepType	F12	FMax	FMin	FAngle
					KN/m	KN/m	KN/m	Degrees
2114	2114-39	~77	ENVELOPE	Max	8.08	0.	0.	0.
2114	2114-39	~78	ENVELOPE	Max	8.03	0.	0.	0.
2114	2114-39	~71	ENVELOPE	Max	15.67	0.	0.	0.
2114	2114-39	~70	ENVELOPE	Min	8.48	0.	0.	0.
2114	2114-39	~77	ENVELOPE	Min	4.14	0.	0.	0.
2114	2114-39	~78	ENVELOPE	Min	6.99	0.	0.	0.
2114	2114-39	~71	ENVELOPE	Min	7.39	0.	0.	0.
2114	2114-40	~71	ENVELOPE	Max	13.78	0.	0.	0.
2114	2114-40	~78	ENVELOPE	Max	13.49	0.	0.	0.
2114	2114-40	2045	ENVELOPE	Max	9.7	0.	0.	0.
2114	2114-40	~23	ENVELOPE	Max	9.99	0.	0.	0.
2114	2114-40	~71	ENVELOPE	Min	5.87	0.	0.	0.
2114	2114-40	~78	ENVELOPE	Min	-0.44	0.	0.	0.
2114	2114-40	2045	ENVELOPE	Min	0.44	0.	0.	0.
2114	2114-40	~23	ENVELOPE	Min	6.74	0.	0.	0.
2214	2214-1	3	ENVELOPE	Max	1.11	0.	0.	0.
2214	2214-1	~79	ENVELOPE	Max	3.32	0.	0.	0.
2214	2214-1	~80	ENVELOPE	Max	1.36	0.	0.	0.
2214	2214-1	~72	ENVELOPE	Max	0.11	0.	0.	0.
2214	2214-1	3	ENVELOPE	Min	-0.56	0.	0.	0.
2214	2214-1	~79	ENVELOPE	Min	-0.93	0.	0.	0.
2214	2214-1	~80	ENVELOPE	Min	-0.26	0.	0.	0.
2214	2214-1	~72	ENVELOPE	Min	-0.85	0.	0.	0.
2214	2214-2	~72	ENVELOPE	Max	0.28	0.	0.	0.
2214	2214-2	~80	ENVELOPE	Max	0.27	0.	0.	0.
2214	2214-2	~81	ENVELOPE	Max	0.57	0.	0.	0.
2214	2214-2	~73	ENVELOPE	Max	0.59	0.	0.	0.
2214	2214-2	~72	ENVELOPE	Min	0.14	0.	0.	0.
2214	2214-2	~80	ENVELOPE	Min	0.25	0.	0.	0.
2214	2214-2	~81	ENVELOPE	Min	-0.28	0.	0.	0.
2214	2214-2	~73	ENVELOPE	Min	-0.39	0.	0.	0.
2214	2214-3	~73	ENVELOPE	Max	0.23	0.	0.	0.
2214	2214-3	~81	ENVELOPE	Max	0.62	0.	0.	0.
2214	2214-3	~82	ENVELOPE	Max	1.96	0.	0.	0.
2214	2214-3	~74	ENVELOPE	Max	1.55	0.	0.	0.
2214	2214-3	~73	ENVELOPE	Min	0.21	0.	0.	0.
2214	2214-3	~81	ENVELOPE	Min	0.21	0.	0.	0.
2214	2214-3	~82	ENVELOPE	Min	-0.67	0.	0.	0.
2214	2214-3	~74	ENVELOPE	Min	-0.64	0.	0.	0.
2214	2214-4	~74	ENVELOPE	Max	1.86	0.	0.	0.
2214	2214-4	~82	ENVELOPE	Max	2.64	0.	0.	0.
2214	2214-4	~83	ENVELOPE	Max	2.52	0.	0.	0.
2214	2214-4	~75	ENVELOPE	Max	1.74	0.	0.	0.
2214	2214-4	~74	ENVELOPE	Min	-0.91	0.	0.	0.
2214	2214-4	~82	ENVELOPE	Min	-1.8	0.	0.	0.
2214	2214-4	~83	ENVELOPE	Min	-2.61	0.	0.	0.
2214	2214-4	~75	ENVELOPE	Min	-1.73	0.	0.	0.
2214	2214-5	~75	ENVELOPE	Max	1.87	0.	0.	0.
2214	2214-5	~83	ENVELOPE	Max	2.11	0.	0.	0.
2214	2214-5	~84	ENVELOPE	Max	1.54	0.	0.	0.
2214	2214-5	~76	ENVELOPE	Max	1.3	0.	0.	0.
2214	2214-5	~75	ENVELOPE	Min	-2.32	0.	0.	0.
2214	2214-5	~83	ENVELOPE	Min	-4.12	0.	0.	0.
2214	2214-5	~84	ENVELOPE	Min	-6.16	0.	0.	0.
2214	2214-5	~76	ENVELOPE	Min	-4.36	0.	0.	0.

Table: Element Forces - Area Shells, Part 2 of 5

Area	AreaElem	Joint	OutputCase	StepType	F12	FMax	FMin	FAngle
					KN/m	KN/m	KN/m	Degrees
2214	2214-6	~76	ENVELOPE	Max	0.25	0.	0.	0.
2214	2214-6	~84	ENVELOPE	Max	-0.64	0.	0.	0.
2214	2214-6	~85	ENVELOPE	Max	-4.45	0.	0.	0.
2214	2214-6	~77	ENVELOPE	Max	-3.56	0.	0.	0.
2214	2214-6	~76	ENVELOPE	Min	-5.01	0.	0.	0.
2214	2214-6	~84	ENVELOPE	Min	-8.65	0.	0.	0.
2214	2214-6	~85	ENVELOPE	Min	-9.5	0.	0.	0.
2214	2214-6	~77	ENVELOPE	Min	-5.85	0.	0.	0.
2214	2214-7	~77	ENVELOPE	Max	-4.14	0.	0.	0.
2214	2214-7	~85	ENVELOPE	Max	-8.48	0.	0.	0.
2214	2214-7	~86	ENVELOPE	Max	-7.39	0.	0.	0.
2214	2214-7	~78	ENVELOPE	Max	-6.99	0.	0.	0.
2214	2214-7	~77	ENVELOPE	Min	-8.08	0.	0.	0.
2214	2214-7	~85	ENVELOPE	Min	-11.77	0.	0.	0.
2214	2214-7	~86	ENVELOPE	Min	-15.67	0.	0.	0.
2214	2214-7	~78	ENVELOPE	Min	-8.03	0.	0.	0.
2214	2214-8	~78	ENVELOPE	Max	0.44	0.	0.	0.
2214	2214-8	~86	ENVELOPE	Max	-5.87	0.	0.	0.
2214	2214-8	~29	ENVELOPE	Max	-6.74	0.	0.	0.
2214	2214-8	2045	ENVELOPE	Max	-0.44	0.	0.	0.
2214	2214-8	~78	ENVELOPE	Min	-13.49	0.	0.	0.
2214	2214-8	~86	ENVELOPE	Min	-13.78	0.	0.	0.
2214	2214-8	~29	ENVELOPE	Min	-9.99	0.	0.	0.
2214	2214-8	2045	ENVELOPE	Min	-9.7	0.	0.	0.
2214	2214-9	~79	ENVELOPE	Max	1.16	0.	0.	0.
2214	2214-9	~87	ENVELOPE	Max	0.2	0.	0.	0.
2214	2214-9	~88	ENVELOPE	Max	0.77	0.	0.	0.
2214	2214-9	~80	ENVELOPE	Max	1.73	0.	0.	0.
2214	2214-9	~79	ENVELOPE	Min	-0.27	0.	0.	0.
2214	2214-9	~87	ENVELOPE	Min	8.495E-03	0.	0.	0.
2214	2214-9	~88	ENVELOPE	Min	-6.028E-02	0.	0.	0.
2214	2214-9	~80	ENVELOPE	Min	-0.34	0.	0.	0.
2214	2214-10	~80	ENVELOPE	Max	0.62	0.	0.	0.
2214	2214-10	~88	ENVELOPE	Max	1.36	0.	0.	0.
2214	2214-10	~89	ENVELOPE	Max	1.42	0.	0.	0.
2214	2214-10	~81	ENVELOPE	Max	0.68	0.	0.	0.
2214	2214-10	~80	ENVELOPE	Min	0.19	0.	0.	0.
2214	2214-10	~88	ENVELOPE	Min	-0.14	0.	0.	0.
2214	2214-10	~89	ENVELOPE	Min	-0.21	0.	0.	0.
2214	2214-10	~81	ENVELOPE	Min	0.12	0.	0.	0.
2214	2214-11	~81	ENVELOPE	Max	1.57	0.	0.	0.
2214	2214-11	~89	ENVELOPE	Max	0.98	0.	0.	0.
2214	2214-11	~90	ENVELOPE	Max	1.18	0.	0.	0.
2214	2214-11	~82	ENVELOPE	Max	1.77	0.	0.	0.
2214	2214-11	~81	ENVELOPE	Min	-0.24	0.	0.	0.
2214	2214-11	~89	ENVELOPE	Min	-0.23	0.	0.	0.
2214	2214-11	~90	ENVELOPE	Min	-0.79	0.	0.	0.
2214	2214-11	~82	ENVELOPE	Min	-0.8	0.	0.	0.
2214	2214-12	~82	ENVELOPE	Max	2.45	0.	0.	0.
2214	2214-12	~90	ENVELOPE	Max	1.76	0.	0.	0.
2214	2214-12	~91	ENVELOPE	Max	2.14	0.	0.	0.
2214	2214-12	~83	ENVELOPE	Max	2.84	0.	0.	0.
2214	2214-12	~82	ENVELOPE	Min	-1.92	0.	0.	0.
2214	2214-12	~90	ENVELOPE	Min	-1.31	0.	0.	0.
2214	2214-12	~91	ENVELOPE	Min	-3.01	0.	0.	0.

Table: Element Forces - Area Shells, Part 2 of 5

Area	AreaElem	Joint	OutputCase	StepType	F12	FMax	FMin	FAngle
					KN/m	KN/m	KN/m	Degrees
2214	2214-12	~83	ENVELOPE	Min	-3.62	0.	0.	0.
2214	2214-13	~83	ENVELOPE	Max	2.43	0.	0.	0.
2214	2214-13	~91	ENVELOPE	Max	1.92	0.	0.	0.
2214	2214-13	~92	ENVELOPE	Max	1.522E-02	0.	0.	0.
2214	2214-13	~84	ENVELOPE	Max	0.52	0.	0.	0.
2214	2214-13	~83	ENVELOPE	Min	-5.13	0.	0.	0.
2214	2214-13	~91	ENVELOPE	Min	-4.19	0.	0.	0.
2214	2214-13	~92	ENVELOPE	Min	-5.98	0.	0.	0.
2214	2214-13	~84	ENVELOPE	Min	-6.92	0.	0.	0.
2214	2214-14	~84	ENVELOPE	Max	-1.66	0.	0.	0.
2214	2214-14	~92	ENVELOPE	Max	-1.72	0.	0.	0.
2214	2214-14	~93	ENVELOPE	Max	-6.9	0.	0.	0.
2214	2214-14	~85	ENVELOPE	Max	-6.84	0.	0.	0.
2214	2214-14	~84	ENVELOPE	Min	-9.4	0.	0.	0.
2214	2214-14	~92	ENVELOPE	Min	-6.55	0.	0.	0.
2214	2214-14	~93	ENVELOPE	Min	-7.13	0.	0.	0.
2214	2214-14	~85	ENVELOPE	Min	-9.98	0.	0.	0.
2214	2214-15	~85	ENVELOPE	Max	-8.97	0.	0.	0.
2214	2214-15	~93	ENVELOPE	Max	-7.02	0.	0.	0.
2214	2214-15	~94	ENVELOPE	Max	-5.67	0.	0.	0.
2214	2214-15	~86	ENVELOPE	Max	-7.61	0.	0.	0.
2214	2214-15	~85	ENVELOPE	Min	-14.16	0.	0.	0.
2214	2214-15	~93	ENVELOPE	Min	-10.39	0.	0.	0.
2214	2214-15	~94	ENVELOPE	Min	-13.01	0.	0.	0.
2214	2214-15	~86	ENVELOPE	Min	-16.79	0.	0.	0.
2214	2214-16	~86	ENVELOPE	Max	-6.09	0.	0.	0.
2214	2214-16	~94	ENVELOPE	Max	-4.64	0.	0.	0.
2214	2214-16	~30	ENVELOPE	Max	0.48	0.	0.	0.
2214	2214-16	~29	ENVELOPE	Max	-0.97	0.	0.	0.
2214	2214-16	~86	ENVELOPE	Min	-14.9	0.	0.	0.
2214	2214-16	~94	ENVELOPE	Min	-11.39	0.	0.	0.
2214	2214-16	~30	ENVELOPE	Min	-7.1	0.	0.	0.
2214	2214-16	~29	ENVELOPE	Min	-10.61	0.	0.	0.
2214	2214-17	~87	ENVELOPE	Max	4.818E-02	0.	0.	0.
2214	2214-17	~95	ENVELOPE	Max	-1.034E-02	0.	0.	0.
2214	2214-17	~96	ENVELOPE	Max	-1.034E-02	0.	0.	0.
2214	2214-17	~88	ENVELOPE	Max	4.818E-02	0.	0.	0.
2214	2214-17	~87	ENVELOPE	Min	1.034E-02	0.	0.	0.
2214	2214-17	~95	ENVELOPE	Min	-4.818E-02	0.	0.	0.
2214	2214-17	~96	ENVELOPE	Min	-4.818E-02	0.	0.	0.
2214	2214-17	~88	ENVELOPE	Min	1.034E-02	0.	0.	0.
2214	2214-18	~88	ENVELOPE	Max	0.63	0.	0.	0.
2214	2214-18	~96	ENVELOPE	Max	7.231E-02	0.	0.	0.
2214	2214-18	~97	ENVELOPE	Max	7.231E-02	0.	0.	0.
2214	2214-18	~89	ENVELOPE	Max	0.63	0.	0.	0.
2214	2214-18	~88	ENVELOPE	Min	-7.231E-02	0.	0.	0.
2214	2214-18	~96	ENVELOPE	Min	-0.63	0.	0.	0.
2214	2214-18	~97	ENVELOPE	Min	-0.63	0.	0.	0.
2214	2214-18	~89	ENVELOPE	Min	-7.231E-02	0.	0.	0.
2214	2214-19	~89	ENVELOPE	Max	0.19	0.	0.	0.
2214	2214-19	~97	ENVELOPE	Max	9.614E-02	0.	0.	0.
2214	2214-19	~98	ENVELOPE	Max	9.614E-02	0.	0.	0.
2214	2214-19	~90	ENVELOPE	Max	0.19	0.	0.	0.
2214	2214-19	~89	ENVELOPE	Min	-9.614E-02	0.	0.	0.
2214	2214-19	~97	ENVELOPE	Min	-0.19	0.	0.	0.

Table: Element Forces - Area Shells, Part 2 of 5

Area	AreaElem	Joint	OutputCase	StepType	F12	FMax	FMin	FAngle
					KN/m	KN/m	KN/m	Degrees
2214	2214-19	~98	ENVELOPE	Min	-0.19	0.	0.	0.
2214	2214-19	~90	ENVELOPE	Min	-9.614E-02	0.	0.	0.
2214	2214-20	~90	ENVELOPE	Max	0.77	0.	0.	0.
2214	2214-20	~98	ENVELOPE	Max	0.62	0.	0.	0.
2214	2214-20	~99	ENVELOPE	Max	0.62	0.	0.	0.
2214	2214-20	~91	ENVELOPE	Max	0.77	0.	0.	0.
2214	2214-20	~90	ENVELOPE	Min	-0.62	0.	0.	0.
2214	2214-20	~98	ENVELOPE	Min	-0.77	0.	0.	0.
2214	2214-20	~99	ENVELOPE	Min	-0.77	0.	0.	0.
2214	2214-20	~91	ENVELOPE	Min	-0.62	0.	0.	0.
2214	2214-21	~91	ENVELOPE	Max	0.55	0.	0.	0.
2214	2214-21	~99	ENVELOPE	Max	1.8	0.	0.	0.
2214	2214-21	~100	ENVELOPE	Max	1.8	0.	0.	0.
2214	2214-21	~92	ENVELOPE	Max	0.55	0.	0.	0.
2214	2214-21	~91	ENVELOPE	Min	-1.8	0.	0.	0.
2214	2214-21	~99	ENVELOPE	Min	-0.55	0.	0.	0.
2214	2214-21	~100	ENVELOPE	Min	-0.55	0.	0.	0.
2214	2214-21	~92	ENVELOPE	Min	-1.8	0.	0.	0.
2214	2214-22	~92	ENVELOPE	Max	-1.19	0.	0.	0.
2214	2214-22	~100	ENVELOPE	Max	2.37	0.	0.	0.
2214	2214-22	~101	ENVELOPE	Max	2.37	0.	0.	0.
2214	2214-22	~93	ENVELOPE	Max	-1.19	0.	0.	0.
2214	2214-22	~92	ENVELOPE	Min	-2.37	0.	0.	0.
2214	2214-22	~100	ENVELOPE	Min	1.19	0.	0.	0.
2214	2214-22	~101	ENVELOPE	Min	1.19	0.	0.	0.
2214	2214-22	~93	ENVELOPE	Min	-2.37	0.	0.	0.
2214	2214-23	~93	ENVELOPE	Max	-2.26	0.	0.	0.
2214	2214-23	~101	ENVELOPE	Max	4.67	0.	0.	0.
2214	2214-23	~102	ENVELOPE	Max	4.67	0.	0.	0.
2214	2214-23	~94	ENVELOPE	Max	-2.26	0.	0.	0.
2214	2214-23	~93	ENVELOPE	Min	-4.67	0.	0.	0.
2214	2214-23	~101	ENVELOPE	Min	2.26	0.	0.	0.
2214	2214-23	~102	ENVELOPE	Min	2.26	0.	0.	0.
2214	2214-23	~94	ENVELOPE	Min	-4.67	0.	0.	0.
2214	2214-24	~94	ENVELOPE	Max	-1.23	0.	0.	0.
2214	2214-24	~102	ENVELOPE	Max	3.05	0.	0.	0.
2214	2214-24	~31	ENVELOPE	Max	3.05	0.	0.	0.
2214	2214-24	~30	ENVELOPE	Max	-1.23	0.	0.	0.
2214	2214-24	~94	ENVELOPE	Min	-3.05	0.	0.	0.
2214	2214-24	~102	ENVELOPE	Min	1.23	0.	0.	0.
2214	2214-24	~31	ENVELOPE	Min	1.23	0.	0.	0.
2214	2214-24	~30	ENVELOPE	Min	-3.05	0.	0.	0.
2214	2214-25	~95	ENVELOPE	Max	-8.495E-03	0.	0.	0.
2214	2214-25	~103	ENVELOPE	Max	0.27	0.	0.	0.
2214	2214-25	~104	ENVELOPE	Max	0.34	0.	0.	0.
2214	2214-25	~96	ENVELOPE	Max	6.028E-02	0.	0.	0.
2214	2214-25	~95	ENVELOPE	Min	-0.2	0.	0.	0.
2214	2214-25	~103	ENVELOPE	Min	-1.16	0.	0.	0.
2214	2214-25	~104	ENVELOPE	Min	-1.73	0.	0.	0.
2214	2214-25	~96	ENVELOPE	Min	-0.77	0.	0.	0.
2214	2214-26	~96	ENVELOPE	Max	0.14	0.	0.	0.
2214	2214-26	~104	ENVELOPE	Max	-0.19	0.	0.	0.
2214	2214-26	~105	ENVELOPE	Max	-0.12	0.	0.	0.
2214	2214-26	~97	ENVELOPE	Max	0.21	0.	0.	0.
2214	2214-26	~96	ENVELOPE	Min	-1.36	0.	0.	0.

Table: Element Forces - Area Shells, Part 2 of 5

Area	AreaElem	Joint	OutputCase	StepType	F12	FMax	FMin	FAngle
					KN/m	KN/m	KN/m	Degrees
2214	2214-26	~104	ENVELOPE	Min	-0.62	0.	0.	0.
2214	2214-26	~105	ENVELOPE	Min	-0.68	0.	0.	0.
2214	2214-26	~97	ENVELOPE	Min	-1.42	0.	0.	0.
2214	2214-27	~97	ENVELOPE	Max	0.23	0.	0.	0.
2214	2214-27	~105	ENVELOPE	Max	0.24	0.	0.	0.
2214	2214-27	~106	ENVELOPE	Max	0.8	0.	0.	0.
2214	2214-27	~98	ENVELOPE	Max	0.79	0.	0.	0.
2214	2214-27	~97	ENVELOPE	Min	-0.98	0.	0.	0.
2214	2214-27	~105	ENVELOPE	Min	-1.57	0.	0.	0.
2214	2214-27	~106	ENVELOPE	Min	-1.77	0.	0.	0.
2214	2214-27	~98	ENVELOPE	Min	-1.18	0.	0.	0.
2214	2214-28	~98	ENVELOPE	Max	1.31	0.	0.	0.
2214	2214-28	~106	ENVELOPE	Max	1.92	0.	0.	0.
2214	2214-28	~107	ENVELOPE	Max	3.62	0.	0.	0.
2214	2214-28	~99	ENVELOPE	Max	3.01	0.	0.	0.
2214	2214-28	~98	ENVELOPE	Min	-1.76	0.	0.	0.
2214	2214-28	~106	ENVELOPE	Min	-2.45	0.	0.	0.
2214	2214-28	~107	ENVELOPE	Min	-2.84	0.	0.	0.
2214	2214-28	~99	ENVELOPE	Min	-2.14	0.	0.	0.
2214	2214-29	~99	ENVELOPE	Max	4.19	0.	0.	0.
2214	2214-29	~107	ENVELOPE	Max	5.13	0.	0.	0.
2214	2214-29	~108	ENVELOPE	Max	6.92	0.	0.	0.
2214	2214-29	~100	ENVELOPE	Max	5.98	0.	0.	0.
2214	2214-29	~99	ENVELOPE	Min	-1.92	0.	0.	0.
2214	2214-29	~107	ENVELOPE	Min	-2.43	0.	0.	0.
2214	2214-29	~108	ENVELOPE	Min	-0.52	0.	0.	0.
2214	2214-29	~100	ENVELOPE	Min	-1.522E-02	0.	0.	0.
2214	2214-30	~100	ENVELOPE	Max	6.55	0.	0.	0.
2214	2214-30	~108	ENVELOPE	Max	9.4	0.	0.	0.
2214	2214-30	~109	ENVELOPE	Max	9.98	0.	0.	0.
2214	2214-30	~101	ENVELOPE	Max	7.13	0.	0.	0.
2214	2214-30	~100	ENVELOPE	Min	1.72	0.	0.	0.
2214	2214-30	~108	ENVELOPE	Min	1.66	0.	0.	0.
2214	2214-30	~109	ENVELOPE	Min	6.84	0.	0.	0.
2214	2214-30	~101	ENVELOPE	Min	6.9	0.	0.	0.
2214	2214-31	~101	ENVELOPE	Max	10.39	0.	0.	0.
2214	2214-31	~109	ENVELOPE	Max	14.16	0.	0.	0.
2214	2214-31	~110	ENVELOPE	Max	16.79	0.	0.	0.
2214	2214-31	~102	ENVELOPE	Max	13.01	0.	0.	0.
2214	2214-31	~101	ENVELOPE	Min	7.02	0.	0.	0.
2214	2214-31	~109	ENVELOPE	Min	8.97	0.	0.	0.
2214	2214-31	~110	ENVELOPE	Min	7.61	0.	0.	0.
2214	2214-31	~102	ENVELOPE	Min	5.67	0.	0.	0.
2214	2214-32	~102	ENVELOPE	Max	11.39	0.	0.	0.
2214	2214-32	~110	ENVELOPE	Max	14.9	0.	0.	0.
2214	2214-32	~32	ENVELOPE	Max	10.61	0.	0.	0.
2214	2214-32	~31	ENVELOPE	Max	7.1	0.	0.	0.
2214	2214-32	~102	ENVELOPE	Min	4.64	0.	0.	0.
2214	2214-32	~110	ENVELOPE	Min	6.09	0.	0.	0.
2214	2214-32	~32	ENVELOPE	Min	0.97	0.	0.	0.
2214	2214-32	~31	ENVELOPE	Min	-0.48	0.	0.	0.
2214	2214-33	~103	ENVELOPE	Max	0.93	0.	0.	0.
2214	2214-33	4	ENVELOPE	Max	0.56	0.	0.	0.
2214	2214-33	~111	ENVELOPE	Max	0.85	0.	0.	0.
2214	2214-33	~104	ENVELOPE	Max	0.26	0.	0.	0.

Table: Element Forces - Area Shells, Part 2 of 5

Area	AreaElem	Joint	OutputCase	StepType	F12	FMax	FMin	FAngle
					KN/m	KN/m	KN/m	Degrees
2214	2214-33	~103	ENVELOPE	Min	-3.32	0.	0.	0.
2214	2214-33	4	ENVELOPE	Min	-1.11	0.	0.	0.
2214	2214-33	~111	ENVELOPE	Min	-0.11	0.	0.	0.
2214	2214-33	~104	ENVELOPE	Min	-1.36	0.	0.	0.
2214	2214-34	~104	ENVELOPE	Max	-0.25	0.	0.	0.
2214	2214-34	~111	ENVELOPE	Max	-0.14	0.	0.	0.
2214	2214-34	~112	ENVELOPE	Max	0.39	0.	0.	0.
2214	2214-34	~105	ENVELOPE	Max	0.28	0.	0.	0.
2214	2214-34	~104	ENVELOPE	Min	-0.27	0.	0.	0.
2214	2214-34	~111	ENVELOPE	Min	-0.28	0.	0.	0.
2214	2214-34	~112	ENVELOPE	Min	-0.59	0.	0.	0.
2214	2214-34	~105	ENVELOPE	Min	-0.57	0.	0.	0.
2214	2214-35	~105	ENVELOPE	Max	-0.21	0.	0.	0.
2214	2214-35	~112	ENVELOPE	Max	-0.21	0.	0.	0.
2214	2214-35	~113	ENVELOPE	Max	0.64	0.	0.	0.
2214	2214-35	~106	ENVELOPE	Max	0.67	0.	0.	0.
2214	2214-35	~105	ENVELOPE	Min	-0.62	0.	0.	0.
2214	2214-35	~112	ENVELOPE	Min	-0.23	0.	0.	0.
2214	2214-35	~113	ENVELOPE	Min	-1.55	0.	0.	0.
2214	2214-35	~106	ENVELOPE	Min	-1.96	0.	0.	0.
2214	2214-36	~106	ENVELOPE	Max	1.8	0.	0.	0.
2214	2214-36	~113	ENVELOPE	Max	0.91	0.	0.	0.
2214	2214-36	~114	ENVELOPE	Max	1.73	0.	0.	0.
2214	2214-36	~107	ENVELOPE	Max	2.61	0.	0.	0.
2214	2214-36	~106	ENVELOPE	Min	-2.64	0.	0.	0.
2214	2214-36	~113	ENVELOPE	Min	-1.86	0.	0.	0.
2214	2214-36	~114	ENVELOPE	Min	-1.74	0.	0.	0.
2214	2214-36	~107	ENVELOPE	Min	-2.52	0.	0.	0.
2214	2214-37	~107	ENVELOPE	Max	4.12	0.	0.	0.
2214	2214-37	~114	ENVELOPE	Max	2.32	0.	0.	0.
2214	2214-37	~115	ENVELOPE	Max	4.36	0.	0.	0.
2214	2214-37	~108	ENVELOPE	Max	6.16	0.	0.	0.
2214	2214-37	~107	ENVELOPE	Min	-2.11	0.	0.	0.
2214	2214-37	~114	ENVELOPE	Min	-1.87	0.	0.	0.
2214	2214-37	~115	ENVELOPE	Min	-1.3	0.	0.	0.
2214	2214-37	~108	ENVELOPE	Min	-1.54	0.	0.	0.
2214	2214-38	~108	ENVELOPE	Max	8.65	0.	0.	0.
2214	2214-38	~115	ENVELOPE	Max	5.01	0.	0.	0.
2214	2214-38	~116	ENVELOPE	Max	5.85	0.	0.	0.
2214	2214-38	~109	ENVELOPE	Max	9.5	0.	0.	0.
2214	2214-38	~108	ENVELOPE	Min	0.64	0.	0.	0.
2214	2214-38	~115	ENVELOPE	Min	-0.25	0.	0.	0.
2214	2214-38	~116	ENVELOPE	Min	3.56	0.	0.	0.
2214	2214-38	~109	ENVELOPE	Min	4.45	0.	0.	0.
2214	2214-39	~109	ENVELOPE	Max	11.77	0.	0.	0.
2214	2214-39	~116	ENVELOPE	Max	8.08	0.	0.	0.
2214	2214-39	~117	ENVELOPE	Max	8.03	0.	0.	0.
2214	2214-39	~110	ENVELOPE	Max	15.67	0.	0.	0.
2214	2214-39	~109	ENVELOPE	Min	8.48	0.	0.	0.
2214	2214-39	~116	ENVELOPE	Min	4.14	0.	0.	0.
2214	2214-39	~117	ENVELOPE	Min	6.99	0.	0.	0.
2214	2214-39	~110	ENVELOPE	Min	7.39	0.	0.	0.
2214	2214-40	~110	ENVELOPE	Max	13.78	0.	0.	0.
2214	2214-40	~117	ENVELOPE	Max	13.49	0.	0.	0.
2214	2214-40	2044	ENVELOPE	Max	9.7	0.	0.	0.

Table: Element Forces - Area Shells, Part 2 of 5

Area	AreaElem	Joint	OutputCase	StepType	F12	FMax	FMin	FAngle
					KN/m	KN/m	KN/m	Degrees
2214	2214-40	~32	ENVELOPE	Max	9.99	0.	0.	0.
2214	2214-40	~110	ENVELOPE	Min	5.87	0.	0.	0.
2214	2214-40	~117	ENVELOPE	Min	-0.44	0.	0.	0.
2214	2214-40	2044	ENVELOPE	Min	0.44	0.	0.	0.
2214	2214-40	~32	ENVELOPE	Min	6.74	0.	0.	0.
2314	2314-1	2042	ENVELOPE	Max	9.7	0.	0.	0.
2314	2314-1	~3	ENVELOPE	Max	9.99	0.	0.	0.
2314	2314-1	~118	ENVELOPE	Max	13.78	0.	0.	0.
2314	2314-1	~47	ENVELOPE	Max	13.49	0.	0.	0.
2314	2314-1	2042	ENVELOPE	Min	0.44	0.	0.	0.
2314	2314-1	~3	ENVELOPE	Min	6.74	0.	0.	0.
2314	2314-1	~118	ENVELOPE	Min	5.87	0.	0.	0.
2314	2314-1	~47	ENVELOPE	Min	-0.44	0.	0.	0.
2314	2314-2	~47	ENVELOPE	Max	8.03	0.	0.	0.
2314	2314-2	~118	ENVELOPE	Max	15.67	0.	0.	0.
2314	2314-2	~119	ENVELOPE	Max	11.77	0.	0.	0.
2314	2314-2	~45	ENVELOPE	Max	8.08	0.	0.	0.
2314	2314-2	~47	ENVELOPE	Min	6.99	0.	0.	0.
2314	2314-2	~118	ENVELOPE	Min	7.39	0.	0.	0.
2314	2314-2	~119	ENVELOPE	Min	8.48	0.	0.	0.
2314	2314-2	~45	ENVELOPE	Min	4.14	0.	0.	0.
2314	2314-3	~45	ENVELOPE	Max	5.85	0.	0.	0.
2314	2314-3	~119	ENVELOPE	Max	9.5	0.	0.	0.
2314	2314-3	~120	ENVELOPE	Max	8.65	0.	0.	0.
2314	2314-3	~43	ENVELOPE	Max	5.01	0.	0.	0.
2314	2314-3	~45	ENVELOPE	Min	3.56	0.	0.	0.
2314	2314-3	~119	ENVELOPE	Min	4.45	0.	0.	0.
2314	2314-3	~120	ENVELOPE	Min	0.64	0.	0.	0.
2314	2314-3	~43	ENVELOPE	Min	-0.25	0.	0.	0.
2314	2314-4	~43	ENVELOPE	Max	4.36	0.	0.	0.
2314	2314-4	~120	ENVELOPE	Max	6.16	0.	0.	0.
2314	2314-4	~121	ENVELOPE	Max	4.12	0.	0.	0.
2314	2314-4	~41	ENVELOPE	Max	2.32	0.	0.	0.
2314	2314-4	~43	ENVELOPE	Min	-1.3	0.	0.	0.
2314	2314-4	~120	ENVELOPE	Min	-1.54	0.	0.	0.
2314	2314-4	~121	ENVELOPE	Min	-2.11	0.	0.	0.
2314	2314-4	~41	ENVELOPE	Min	-1.87	0.	0.	0.
2314	2314-5	~41	ENVELOPE	Max	1.73	0.	0.	0.
2314	2314-5	~121	ENVELOPE	Max	2.61	0.	0.	0.
2314	2314-5	~122	ENVELOPE	Max	1.8	0.	0.	0.
2314	2314-5	~39	ENVELOPE	Max	0.91	0.	0.	0.
2314	2314-5	~41	ENVELOPE	Min	-1.74	0.	0.	0.
2314	2314-5	~121	ENVELOPE	Min	-2.52	0.	0.	0.
2314	2314-5	~122	ENVELOPE	Min	-2.64	0.	0.	0.
2314	2314-5	~39	ENVELOPE	Min	-1.86	0.	0.	0.
2314	2314-6	~39	ENVELOPE	Max	0.64	0.	0.	0.
2314	2314-6	~122	ENVELOPE	Max	0.67	0.	0.	0.
2314	2314-6	~123	ENVELOPE	Max	-0.21	0.	0.	0.
2314	2314-6	~37	ENVELOPE	Max	-0.21	0.	0.	0.
2314	2314-6	~39	ENVELOPE	Min	-1.55	0.	0.	0.
2314	2314-6	~122	ENVELOPE	Min	-1.96	0.	0.	0.
2314	2314-6	~123	ENVELOPE	Min	-0.62	0.	0.	0.
2314	2314-6	~37	ENVELOPE	Min	-0.23	0.	0.	0.
2314	2314-7	~37	ENVELOPE	Max	0.39	0.	0.	0.
2314	2314-7	~123	ENVELOPE	Max	0.28	0.	0.	0.

Table: Element Forces - Area Shells, Part 2 of 5

Area	AreaElem	Joint	OutputCase	StepType	F12	FMax	FMin	FAngle
					KN/m	KN/m	KN/m	Degrees
2314	2314-7	~124	ENVELOPE	Max	-0.25	0.	0.	0.
2314	2314-7	~35	ENVELOPE	Max	-0.14	0.	0.	0.
2314	2314-7	~37	ENVELOPE	Min	-0.59	0.	0.	0.
2314	2314-7	~123	ENVELOPE	Min	-0.57	0.	0.	0.
2314	2314-7	~124	ENVELOPE	Min	-0.27	0.	0.	0.
2314	2314-7	~35	ENVELOPE	Min	-0.28	0.	0.	0.
2314	2314-8	~35	ENVELOPE	Max	0.85	0.	0.	0.
2314	2314-8	~124	ENVELOPE	Max	0.26	0.	0.	0.
2314	2314-8	~125	ENVELOPE	Max	0.93	0.	0.	0.
2314	2314-8	1	ENVELOPE	Max	0.56	0.	0.	0.
2314	2314-8	~35	ENVELOPE	Min	-0.11	0.	0.	0.
2314	2314-8	~124	ENVELOPE	Min	-1.36	0.	0.	0.
2314	2314-8	~125	ENVELOPE	Min	-3.32	0.	0.	0.
2314	2314-8	1	ENVELOPE	Min	-1.11	0.	0.	0.
2314	2314-9	~3	ENVELOPE	Max	10.61	0.	0.	0.
2314	2314-9	~5	ENVELOPE	Max	7.1	0.	0.	0.
2314	2314-9	~126	ENVELOPE	Max	11.39	0.	0.	0.
2314	2314-9	~118	ENVELOPE	Max	14.9	0.	0.	0.
2314	2314-9	~3	ENVELOPE	Min	0.97	0.	0.	0.
2314	2314-9	~5	ENVELOPE	Min	-0.48	0.	0.	0.
2314	2314-9	~126	ENVELOPE	Min	4.64	0.	0.	0.
2314	2314-9	~118	ENVELOPE	Min	6.09	0.	0.	0.
2314	2314-10	~118	ENVELOPE	Max	16.79	0.	0.	0.
2314	2314-10	~126	ENVELOPE	Max	13.01	0.	0.	0.
2314	2314-10	~127	ENVELOPE	Max	10.39	0.	0.	0.
2314	2314-10	~119	ENVELOPE	Max	14.16	0.	0.	0.
2314	2314-10	~118	ENVELOPE	Min	7.61	0.	0.	0.
2314	2314-10	~126	ENVELOPE	Min	5.67	0.	0.	0.
2314	2314-10	~127	ENVELOPE	Min	7.02	0.	0.	0.
2314	2314-10	~119	ENVELOPE	Min	8.97	0.	0.	0.
2314	2314-11	~119	ENVELOPE	Max	9.98	0.	0.	0.
2314	2314-11	~127	ENVELOPE	Max	7.13	0.	0.	0.
2314	2314-11	~128	ENVELOPE	Max	6.55	0.	0.	0.
2314	2314-11	~120	ENVELOPE	Max	9.4	0.	0.	0.
2314	2314-11	~119	ENVELOPE	Min	6.84	0.	0.	0.
2314	2314-11	~127	ENVELOPE	Min	6.9	0.	0.	0.
2314	2314-11	~128	ENVELOPE	Min	1.72	0.	0.	0.
2314	2314-11	~120	ENVELOPE	Min	1.66	0.	0.	0.
2314	2314-12	~120	ENVELOPE	Max	6.92	0.	0.	0.
2314	2314-12	~128	ENVELOPE	Max	5.98	0.	0.	0.
2314	2314-12	~129	ENVELOPE	Max	4.19	0.	0.	0.
2314	2314-12	~121	ENVELOPE	Max	5.13	0.	0.	0.
2314	2314-12	~120	ENVELOPE	Min	-0.52	0.	0.	0.
2314	2314-12	~128	ENVELOPE	Min	-1.522E-02	0.	0.	0.
2314	2314-12	~129	ENVELOPE	Min	-1.92	0.	0.	0.
2314	2314-12	~121	ENVELOPE	Min	-2.43	0.	0.	0.
2314	2314-13	~121	ENVELOPE	Max	3.62	0.	0.	0.
2314	2314-13	~129	ENVELOPE	Max	3.01	0.	0.	0.
2314	2314-13	~130	ENVELOPE	Max	1.31	0.	0.	0.
2314	2314-13	~122	ENVELOPE	Max	1.92	0.	0.	0.
2314	2314-13	~121	ENVELOPE	Min	-2.84	0.	0.	0.
2314	2314-13	~129	ENVELOPE	Min	-2.14	0.	0.	0.
2314	2314-13	~130	ENVELOPE	Min	-1.76	0.	0.	0.
2314	2314-13	~122	ENVELOPE	Min	-2.45	0.	0.	0.
2314	2314-14	~122	ENVELOPE	Max	0.8	0.	0.	0.

Table: Element Forces - Area Shells, Part 2 of 5

Area	AreaElem	Joint	OutputCase	StepType	F12	FMax	FMin	FAngle
					KN/m	KN/m	KN/m	Degrees
2314	2314-14	~130	ENVELOPE	Max	0.79	0.	0.	0.
2314	2314-14	~131	ENVELOPE	Max	0.23	0.	0.	0.
2314	2314-14	~123	ENVELOPE	Max	0.24	0.	0.	0.
2314	2314-14	~122	ENVELOPE	Min	-1.77	0.	0.	0.
2314	2314-14	~130	ENVELOPE	Min	-1.18	0.	0.	0.
2314	2314-14	~131	ENVELOPE	Min	-0.98	0.	0.	0.
2314	2314-14	~123	ENVELOPE	Min	-1.57	0.	0.	0.
2314	2314-15	~123	ENVELOPE	Max	-0.12	0.	0.	0.
2314	2314-15	~131	ENVELOPE	Max	0.21	0.	0.	0.
2314	2314-15	~132	ENVELOPE	Max	0.14	0.	0.	0.
2314	2314-15	~124	ENVELOPE	Max	-0.19	0.	0.	0.
2314	2314-15	~123	ENVELOPE	Min	-0.68	0.	0.	0.
2314	2314-15	~131	ENVELOPE	Min	-1.42	0.	0.	0.
2314	2314-15	~132	ENVELOPE	Min	-1.36	0.	0.	0.
2314	2314-15	~124	ENVELOPE	Min	-0.62	0.	0.	0.
2314	2314-16	~124	ENVELOPE	Max	0.34	0.	0.	0.
2314	2314-16	~132	ENVELOPE	Max	6.028E-02	0.	0.	0.
2314	2314-16	~133	ENVELOPE	Max	-8.495E-03	0.	0.	0.
2314	2314-16	~125	ENVELOPE	Max	0.27	0.	0.	0.
2314	2314-16	~124	ENVELOPE	Min	-1.73	0.	0.	0.
2314	2314-16	~132	ENVELOPE	Min	-0.77	0.	0.	0.
2314	2314-16	~133	ENVELOPE	Min	-0.2	0.	0.	0.
2314	2314-16	~125	ENVELOPE	Min	-1.16	0.	0.	0.
2314	2314-17	~5	ENVELOPE	Max	3.05	0.	0.	0.
2314	2314-17	~7	ENVELOPE	Max	-1.23	0.	0.	0.
2314	2314-17	~134	ENVELOPE	Max	-1.23	0.	0.	0.
2314	2314-17	~126	ENVELOPE	Max	3.05	0.	0.	0.
2314	2314-17	~5	ENVELOPE	Min	1.23	0.	0.	0.
2314	2314-17	~7	ENVELOPE	Min	-3.05	0.	0.	0.
2314	2314-17	~134	ENVELOPE	Min	-3.05	0.	0.	0.
2314	2314-17	~126	ENVELOPE	Min	1.23	0.	0.	0.
2314	2314-18	~126	ENVELOPE	Max	4.67	0.	0.	0.
2314	2314-18	~134	ENVELOPE	Max	-2.26	0.	0.	0.
2314	2314-18	~135	ENVELOPE	Max	-2.26	0.	0.	0.
2314	2314-18	~127	ENVELOPE	Max	4.67	0.	0.	0.
2314	2314-18	~126	ENVELOPE	Min	2.26	0.	0.	0.
2314	2314-18	~134	ENVELOPE	Min	-4.67	0.	0.	0.
2314	2314-18	~135	ENVELOPE	Min	-4.67	0.	0.	0.
2314	2314-18	~127	ENVELOPE	Min	2.26	0.	0.	0.
2314	2314-19	~127	ENVELOPE	Max	2.37	0.	0.	0.
2314	2314-19	~135	ENVELOPE	Max	-1.19	0.	0.	0.
2314	2314-19	~136	ENVELOPE	Max	-1.19	0.	0.	0.
2314	2314-19	~128	ENVELOPE	Max	2.37	0.	0.	0.
2314	2314-19	~127	ENVELOPE	Min	1.19	0.	0.	0.
2314	2314-19	~135	ENVELOPE	Min	-2.37	0.	0.	0.
2314	2314-19	~136	ENVELOPE	Min	-2.37	0.	0.	0.
2314	2314-19	~128	ENVELOPE	Min	1.19	0.	0.	0.
2314	2314-20	~128	ENVELOPE	Max	1.8	0.	0.	0.
2314	2314-20	~136	ENVELOPE	Max	0.55	0.	0.	0.
2314	2314-20	~137	ENVELOPE	Max	0.55	0.	0.	0.
2314	2314-20	~129	ENVELOPE	Max	1.8	0.	0.	0.
2314	2314-20	~128	ENVELOPE	Min	-0.55	0.	0.	0.
2314	2314-20	~136	ENVELOPE	Min	-1.8	0.	0.	0.
2314	2314-20	~137	ENVELOPE	Min	-1.8	0.	0.	0.
2314	2314-20	~129	ENVELOPE	Min	-0.55	0.	0.	0.

Table: Element Forces - Area Shells, Part 2 of 5

Area	AreaElem	Joint	OutputCase	StepType	F12	FMax	FMin	FAngle
					KN/m	KN/m	KN/m	Degrees
2314	2314-21	~129	ENVELOPE	Max	0.62	0.	0.	0.
2314	2314-21	~137	ENVELOPE	Max	0.77	0.	0.	0.
2314	2314-21	~138	ENVELOPE	Max	0.77	0.	0.	0.
2314	2314-21	~130	ENVELOPE	Max	0.62	0.	0.	0.
2314	2314-21	~129	ENVELOPE	Min	-0.77	0.	0.	0.
2314	2314-21	~137	ENVELOPE	Min	-0.62	0.	0.	0.
2314	2314-21	~138	ENVELOPE	Min	-0.62	0.	0.	0.
2314	2314-21	~130	ENVELOPE	Min	-0.77	0.	0.	0.
2314	2314-22	~130	ENVELOPE	Max	9.614E-02	0.	0.	0.
2314	2314-22	~138	ENVELOPE	Max	0.19	0.	0.	0.
2314	2314-22	~139	ENVELOPE	Max	0.19	0.	0.	0.
2314	2314-22	~131	ENVELOPE	Max	9.614E-02	0.	0.	0.
2314	2314-22	~130	ENVELOPE	Min	-0.19	0.	0.	0.
2314	2314-22	~138	ENVELOPE	Min	-9.614E-02	0.	0.	0.
2314	2314-22	~139	ENVELOPE	Min	-9.614E-02	0.	0.	0.
2314	2314-22	~131	ENVELOPE	Min	-0.19	0.	0.	0.
2314	2314-23	~131	ENVELOPE	Max	7.231E-02	0.	0.	0.
2314	2314-23	~139	ENVELOPE	Max	0.63	0.	0.	0.
2314	2314-23	~140	ENVELOPE	Max	0.63	0.	0.	0.
2314	2314-23	~132	ENVELOPE	Max	7.231E-02	0.	0.	0.
2314	2314-23	~131	ENVELOPE	Min	-0.63	0.	0.	0.
2314	2314-23	~139	ENVELOPE	Min	-7.231E-02	0.	0.	0.
2314	2314-23	~140	ENVELOPE	Min	-7.231E-02	0.	0.	0.
2314	2314-23	~132	ENVELOPE	Min	-0.63	0.	0.	0.
2314	2314-24	~132	ENVELOPE	Max	-1.034E-02	0.	0.	0.
2314	2314-24	~140	ENVELOPE	Max	4.818E-02	0.	0.	0.
2314	2314-24	~141	ENVELOPE	Max	4.818E-02	0.	0.	0.
2314	2314-24	~133	ENVELOPE	Max	-1.034E-02	0.	0.	0.
2314	2314-24	~132	ENVELOPE	Min	-4.818E-02	0.	0.	0.
2314	2314-24	~140	ENVELOPE	Min	1.034E-02	0.	0.	0.
2314	2314-24	~141	ENVELOPE	Min	1.034E-02	0.	0.	0.
2314	2314-24	~133	ENVELOPE	Min	-4.818E-02	0.	0.	0.
2314	2314-25	~7	ENVELOPE	Max	0.48	0.	0.	0.
2314	2314-25	~9	ENVELOPE	Max	-0.97	0.	0.	0.
2314	2314-25	~142	ENVELOPE	Max	-6.09	0.	0.	0.
2314	2314-25	~134	ENVELOPE	Max	-4.64	0.	0.	0.
2314	2314-25	~7	ENVELOPE	Min	-7.1	0.	0.	0.
2314	2314-25	~9	ENVELOPE	Min	-10.61	0.	0.	0.
2314	2314-25	~142	ENVELOPE	Min	-14.9	0.	0.	0.
2314	2314-25	~134	ENVELOPE	Min	-11.39	0.	0.	0.
2314	2314-26	~134	ENVELOPE	Max	-5.67	0.	0.	0.
2314	2314-26	~142	ENVELOPE	Max	-7.61	0.	0.	0.
2314	2314-26	~143	ENVELOPE	Max	-8.97	0.	0.	0.
2314	2314-26	~135	ENVELOPE	Max	-7.02	0.	0.	0.
2314	2314-26	~134	ENVELOPE	Min	-13.01	0.	0.	0.
2314	2314-26	~142	ENVELOPE	Min	-16.79	0.	0.	0.
2314	2314-26	~143	ENVELOPE	Min	-14.16	0.	0.	0.
2314	2314-26	~135	ENVELOPE	Min	-10.39	0.	0.	0.
2314	2314-27	~135	ENVELOPE	Max	-6.9	0.	0.	0.
2314	2314-27	~143	ENVELOPE	Max	-6.84	0.	0.	0.
2314	2314-27	~144	ENVELOPE	Max	-1.66	0.	0.	0.
2314	2314-27	~136	ENVELOPE	Max	-1.72	0.	0.	0.
2314	2314-27	~135	ENVELOPE	Min	-7.13	0.	0.	0.
2314	2314-27	~143	ENVELOPE	Min	-9.98	0.	0.	0.
2314	2314-27	~144	ENVELOPE	Min	-9.4	0.	0.	0.

Table: Element Forces - Area Shells, Part 2 of 5

Area	AreaElem	Joint	OutputCase	StepType	F12	FMax	FMin	FAngle
					KN/m	KN/m	KN/m	Degrees
2314	2314-27	~136	ENVELOPE	Min	-6.55	0.	0.	0.
2314	2314-28	~136	ENVELOPE	Max	1.522E-02	0.	0.	0.
2314	2314-28	~144	ENVELOPE	Max	0.52	0.	0.	0.
2314	2314-28	~145	ENVELOPE	Max	2.43	0.	0.	0.
2314	2314-28	~137	ENVELOPE	Max	1.92	0.	0.	0.
2314	2314-28	~136	ENVELOPE	Min	-5.98	0.	0.	0.
2314	2314-28	~144	ENVELOPE	Min	-6.92	0.	0.	0.
2314	2314-28	~145	ENVELOPE	Min	-5.13	0.	0.	0.
2314	2314-28	~137	ENVELOPE	Min	-4.19	0.	0.	0.
2314	2314-29	~137	ENVELOPE	Max	2.14	0.	0.	0.
2314	2314-29	~145	ENVELOPE	Max	2.84	0.	0.	0.
2314	2314-29	~146	ENVELOPE	Max	2.45	0.	0.	0.
2314	2314-29	~138	ENVELOPE	Max	1.76	0.	0.	0.
2314	2314-29	~137	ENVELOPE	Min	-3.01	0.	0.	0.
2314	2314-29	~145	ENVELOPE	Min	-3.62	0.	0.	0.
2314	2314-29	~146	ENVELOPE	Min	-1.92	0.	0.	0.
2314	2314-29	~138	ENVELOPE	Min	-1.31	0.	0.	0.
2314	2314-30	~138	ENVELOPE	Max	1.18	0.	0.	0.
2314	2314-30	~146	ENVELOPE	Max	1.77	0.	0.	0.
2314	2314-30	~147	ENVELOPE	Max	1.57	0.	0.	0.
2314	2314-30	~139	ENVELOPE	Max	0.98	0.	0.	0.
2314	2314-30	~138	ENVELOPE	Min	-0.79	0.	0.	0.
2314	2314-30	~146	ENVELOPE	Min	-0.8	0.	0.	0.
2314	2314-30	~147	ENVELOPE	Min	-0.24	0.	0.	0.
2314	2314-30	~139	ENVELOPE	Min	-0.23	0.	0.	0.
2314	2314-31	~139	ENVELOPE	Max	1.42	0.	0.	0.
2314	2314-31	~147	ENVELOPE	Max	0.68	0.	0.	0.
2314	2314-31	~148	ENVELOPE	Max	0.62	0.	0.	0.
2314	2314-31	~140	ENVELOPE	Max	1.36	0.	0.	0.
2314	2314-31	~139	ENVELOPE	Min	-0.21	0.	0.	0.
2314	2314-31	~147	ENVELOPE	Min	0.12	0.	0.	0.
2314	2314-31	~148	ENVELOPE	Min	0.19	0.	0.	0.
2314	2314-31	~140	ENVELOPE	Min	-0.14	0.	0.	0.
2314	2314-32	~140	ENVELOPE	Max	0.77	0.	0.	0.
2314	2314-32	~148	ENVELOPE	Max	1.73	0.	0.	0.
2314	2314-32	~149	ENVELOPE	Max	1.16	0.	0.	0.
2314	2314-32	~141	ENVELOPE	Max	0.2	0.	0.	0.
2314	2314-32	~140	ENVELOPE	Min	-6.028E-02	0.	0.	0.
2314	2314-32	~148	ENVELOPE	Min	-0.34	0.	0.	0.
2314	2314-32	~149	ENVELOPE	Min	-0.27	0.	0.	0.
2314	2314-32	~141	ENVELOPE	Min	8.495E-03	0.	0.	0.
2314	2314-33	~9	ENVELOPE	Max	-6.74	0.	0.	0.
2314	2314-33	2043	ENVELOPE	Max	-0.44	0.	0.	0.
2314	2314-33	~150	ENVELOPE	Max	0.44	0.	0.	0.
2314	2314-33	~142	ENVELOPE	Max	-5.87	0.	0.	0.
2314	2314-33	~9	ENVELOPE	Min	-9.99	0.	0.	0.
2314	2314-33	2043	ENVELOPE	Min	-9.7	0.	0.	0.
2314	2314-33	~150	ENVELOPE	Min	-13.49	0.	0.	0.
2314	2314-33	~142	ENVELOPE	Min	-13.78	0.	0.	0.
2314	2314-34	~142	ENVELOPE	Max	-7.39	0.	0.	0.
2314	2314-34	~150	ENVELOPE	Max	-6.99	0.	0.	0.
2314	2314-34	~151	ENVELOPE	Max	-4.14	0.	0.	0.
2314	2314-34	~143	ENVELOPE	Max	-8.48	0.	0.	0.
2314	2314-34	~142	ENVELOPE	Min	-15.67	0.	0.	0.
2314	2314-34	~150	ENVELOPE	Min	-8.03	0.	0.	0.

Table: Element Forces - Area Shells, Part 2 of 5

Area	AreaElem	Joint	OutputCase	StepType	F12	FMax	FMin	FAngle
					KN/m	KN/m	KN/m	Degrees
2314	2314-34	~151	ENVELOPE	Min	-8.08	0.	0.	0.
2314	2314-34	~143	ENVELOPE	Min	-11.77	0.	0.	0.
2314	2314-35	~143	ENVELOPE	Max	-4.45	0.	0.	0.
2314	2314-35	~151	ENVELOPE	Max	-3.56	0.	0.	0.
2314	2314-35	~152	ENVELOPE	Max	0.25	0.	0.	0.
2314	2314-35	~144	ENVELOPE	Max	-0.64	0.	0.	0.
2314	2314-35	~143	ENVELOPE	Min	-9.5	0.	0.	0.
2314	2314-35	~151	ENVELOPE	Min	-5.85	0.	0.	0.
2314	2314-35	~152	ENVELOPE	Min	-5.01	0.	0.	0.
2314	2314-35	~144	ENVELOPE	Min	-8.65	0.	0.	0.
2314	2314-36	~144	ENVELOPE	Max	1.54	0.	0.	0.
2314	2314-36	~152	ENVELOPE	Max	1.3	0.	0.	0.
2314	2314-36	~153	ENVELOPE	Max	1.87	0.	0.	0.
2314	2314-36	~145	ENVELOPE	Max	2.11	0.	0.	0.
2314	2314-36	~144	ENVELOPE	Min	-6.16	0.	0.	0.
2314	2314-36	~152	ENVELOPE	Min	-4.36	0.	0.	0.
2314	2314-36	~153	ENVELOPE	Min	-2.32	0.	0.	0.
2314	2314-36	~145	ENVELOPE	Min	-4.12	0.	0.	0.
2314	2314-37	~145	ENVELOPE	Max	2.52	0.	0.	0.
2314	2314-37	~153	ENVELOPE	Max	1.74	0.	0.	0.
2314	2314-37	~154	ENVELOPE	Max	1.86	0.	0.	0.
2314	2314-37	~146	ENVELOPE	Max	2.64	0.	0.	0.
2314	2314-37	~145	ENVELOPE	Min	-2.61	0.	0.	0.
2314	2314-37	~153	ENVELOPE	Min	-1.73	0.	0.	0.
2314	2314-37	~154	ENVELOPE	Min	-0.91	0.	0.	0.
2314	2314-37	~146	ENVELOPE	Min	-1.8	0.	0.	0.
2314	2314-38	~146	ENVELOPE	Max	1.96	0.	0.	0.
2314	2314-38	~154	ENVELOPE	Max	1.55	0.	0.	0.
2314	2314-38	~155	ENVELOPE	Max	0.23	0.	0.	0.
2314	2314-38	~147	ENVELOPE	Max	0.62	0.	0.	0.
2314	2314-38	~146	ENVELOPE	Min	-0.67	0.	0.	0.
2314	2314-38	~154	ENVELOPE	Min	-0.64	0.	0.	0.
2314	2314-38	~155	ENVELOPE	Min	0.21	0.	0.	0.
2314	2314-38	~147	ENVELOPE	Min	0.21	0.	0.	0.
2314	2314-39	~147	ENVELOPE	Max	0.57	0.	0.	0.
2314	2314-39	~155	ENVELOPE	Max	0.59	0.	0.	0.
2314	2314-39	~156	ENVELOPE	Max	0.28	0.	0.	0.
2314	2314-39	~148	ENVELOPE	Max	0.27	0.	0.	0.
2314	2314-39	~147	ENVELOPE	Min	-0.28	0.	0.	0.
2314	2314-39	~155	ENVELOPE	Min	-0.39	0.	0.	0.
2314	2314-39	~156	ENVELOPE	Min	0.14	0.	0.	0.
2314	2314-39	~148	ENVELOPE	Min	0.25	0.	0.	0.
2314	2314-40	~148	ENVELOPE	Max	1.36	0.	0.	0.
2314	2314-40	~156	ENVELOPE	Max	0.11	0.	0.	0.
2314	2314-40	2	ENVELOPE	Max	1.11	0.	0.	0.
2314	2314-40	~149	ENVELOPE	Max	3.32	0.	0.	0.
2314	2314-40	~148	ENVELOPE	Min	-0.26	0.	0.	0.
2314	2314-40	~156	ENVELOPE	Min	-0.85	0.	0.	0.
2314	2314-40	2	ENVELOPE	Min	-0.56	0.	0.	0.
2314	2314-40	~149	ENVELOPE	Min	-0.93	0.	0.	0.
2414	2414-1	4	ENVELOPE	Max	1.11	0.	0.	0.
2414	2414-1	~157	ENVELOPE	Max	3.32	0.	0.	0.
2414	2414-1	~158	ENVELOPE	Max	1.36	0.	0.	0.
2414	2414-1	~111	ENVELOPE	Max	0.11	0.	0.	0.
2414	2414-1	4	ENVELOPE	Min	-0.56	0.	0.	0.

Table: Element Forces - Area Shells, Part 2 of 5

Area	AreaElem	Joint	OutputCase	StepType	F12	FMax	FMin	FAngle
					KN/m	KN/m	KN/m	Degrees
2414	2414-1	~157	ENVELOPE	Min	-0.93	0.	0.	0.
2414	2414-1	~158	ENVELOPE	Min	-0.26	0.	0.	0.
2414	2414-1	~111	ENVELOPE	Min	-0.85	0.	0.	0.
2414	2414-2	~111	ENVELOPE	Max	0.28	0.	0.	0.
2414	2414-2	~158	ENVELOPE	Max	0.27	0.	0.	0.
2414	2414-2	~159	ENVELOPE	Max	0.57	0.	0.	0.
2414	2414-2	~112	ENVELOPE	Max	0.59	0.	0.	0.
2414	2414-2	~111	ENVELOPE	Min	0.14	0.	0.	0.
2414	2414-2	~158	ENVELOPE	Min	0.25	0.	0.	0.
2414	2414-2	~159	ENVELOPE	Min	-0.28	0.	0.	0.
2414	2414-2	~112	ENVELOPE	Min	-0.39	0.	0.	0.
2414	2414-3	~112	ENVELOPE	Max	0.23	0.	0.	0.
2414	2414-3	~159	ENVELOPE	Max	0.62	0.	0.	0.
2414	2414-3	~160	ENVELOPE	Max	1.96	0.	0.	0.
2414	2414-3	~113	ENVELOPE	Max	1.55	0.	0.	0.
2414	2414-3	~112	ENVELOPE	Min	0.21	0.	0.	0.
2414	2414-3	~159	ENVELOPE	Min	0.21	0.	0.	0.
2414	2414-3	~160	ENVELOPE	Min	-0.67	0.	0.	0.
2414	2414-3	~113	ENVELOPE	Min	-0.64	0.	0.	0.
2414	2414-4	~113	ENVELOPE	Max	1.86	0.	0.	0.
2414	2414-4	~160	ENVELOPE	Max	2.64	0.	0.	0.
2414	2414-4	~161	ENVELOPE	Max	2.52	0.	0.	0.
2414	2414-4	~114	ENVELOPE	Max	1.74	0.	0.	0.
2414	2414-4	~113	ENVELOPE	Min	-0.91	0.	0.	0.
2414	2414-4	~160	ENVELOPE	Min	-1.8	0.	0.	0.
2414	2414-4	~161	ENVELOPE	Min	-2.61	0.	0.	0.
2414	2414-4	~114	ENVELOPE	Min	-1.73	0.	0.	0.
2414	2414-5	~114	ENVELOPE	Max	1.87	0.	0.	0.
2414	2414-5	~161	ENVELOPE	Max	2.11	0.	0.	0.
2414	2414-5	~162	ENVELOPE	Max	1.54	0.	0.	0.
2414	2414-5	~115	ENVELOPE	Max	1.3	0.	0.	0.
2414	2414-5	~114	ENVELOPE	Min	-2.32	0.	0.	0.
2414	2414-5	~161	ENVELOPE	Min	-4.12	0.	0.	0.
2414	2414-5	~162	ENVELOPE	Min	-6.16	0.	0.	0.
2414	2414-5	~115	ENVELOPE	Min	-4.36	0.	0.	0.
2414	2414-6	~115	ENVELOPE	Max	0.25	0.	0.	0.
2414	2414-6	~162	ENVELOPE	Max	-0.64	0.	0.	0.
2414	2414-6	~163	ENVELOPE	Max	-4.45	0.	0.	0.
2414	2414-6	~116	ENVELOPE	Max	-3.56	0.	0.	0.
2414	2414-6	~115	ENVELOPE	Min	-5.01	0.	0.	0.
2414	2414-6	~162	ENVELOPE	Min	-8.65	0.	0.	0.
2414	2414-6	~163	ENVELOPE	Min	-9.5	0.	0.	0.
2414	2414-6	~116	ENVELOPE	Min	-5.85	0.	0.	0.
2414	2414-7	~116	ENVELOPE	Max	-4.14	0.	0.	0.
2414	2414-7	~163	ENVELOPE	Max	-8.48	0.	0.	0.
2414	2414-7	~164	ENVELOPE	Max	-7.39	0.	0.	0.
2414	2414-7	~117	ENVELOPE	Max	-6.99	0.	0.	0.
2414	2414-7	~116	ENVELOPE	Min	-8.08	0.	0.	0.
2414	2414-7	~163	ENVELOPE	Min	-11.77	0.	0.	0.
2414	2414-7	~164	ENVELOPE	Min	-15.67	0.	0.	0.
2414	2414-7	~117	ENVELOPE	Min	-8.03	0.	0.	0.
2414	2414-8	~117	ENVELOPE	Max	0.44	0.	0.	0.
2414	2414-8	~164	ENVELOPE	Max	-5.87	0.	0.	0.
2414	2414-8	~28	ENVELOPE	Max	-6.74	0.	0.	0.
2414	2414-8	2044	ENVELOPE	Max	-0.44	0.	0.	0.

Table: Element Forces - Area Shells, Part 2 of 5

Area	AreaElem	Joint	OutputCase	StepType	F12	FMax	FMin	FAngle
					KN/m	KN/m	KN/m	Degrees
2414	2414-8	~117	ENVELOPE	Min	-13.49	0.	0.	0.
2414	2414-8	~164	ENVELOPE	Min	-13.78	0.	0.	0.
2414	2414-8	~28	ENVELOPE	Min	-9.99	0.	0.	0.
2414	2414-8	2044	ENVELOPE	Min	-9.7	0.	0.	0.
2414	2414-9	~157	ENVELOPE	Max	1.16	0.	0.	0.
2414	2414-9	~165	ENVELOPE	Max	0.2	0.	0.	0.
2414	2414-9	~166	ENVELOPE	Max	0.77	0.	0.	0.
2414	2414-9	~158	ENVELOPE	Max	1.73	0.	0.	0.
2414	2414-9	~157	ENVELOPE	Min	-0.27	0.	0.	0.
2414	2414-9	~165	ENVELOPE	Min	8.495E-03	0.	0.	0.
2414	2414-9	~166	ENVELOPE	Min	-6.028E-02	0.	0.	0.
2414	2414-9	~158	ENVELOPE	Min	-0.34	0.	0.	0.
2414	2414-10	~158	ENVELOPE	Max	0.62	0.	0.	0.
2414	2414-10	~166	ENVELOPE	Max	1.36	0.	0.	0.
2414	2414-10	~167	ENVELOPE	Max	1.42	0.	0.	0.
2414	2414-10	~159	ENVELOPE	Max	0.68	0.	0.	0.
2414	2414-10	~158	ENVELOPE	Min	0.19	0.	0.	0.
2414	2414-10	~166	ENVELOPE	Min	-0.14	0.	0.	0.
2414	2414-10	~167	ENVELOPE	Min	-0.21	0.	0.	0.
2414	2414-10	~159	ENVELOPE	Min	0.12	0.	0.	0.
2414	2414-11	~159	ENVELOPE	Max	1.57	0.	0.	0.
2414	2414-11	~167	ENVELOPE	Max	0.98	0.	0.	0.
2414	2414-11	~168	ENVELOPE	Max	1.18	0.	0.	0.
2414	2414-11	~160	ENVELOPE	Max	1.77	0.	0.	0.
2414	2414-11	~159	ENVELOPE	Min	-0.24	0.	0.	0.
2414	2414-11	~167	ENVELOPE	Min	-0.23	0.	0.	0.
2414	2414-11	~168	ENVELOPE	Min	-0.79	0.	0.	0.
2414	2414-11	~160	ENVELOPE	Min	-0.8	0.	0.	0.
2414	2414-12	~160	ENVELOPE	Max	2.45	0.	0.	0.
2414	2414-12	~168	ENVELOPE	Max	1.76	0.	0.	0.
2414	2414-12	~169	ENVELOPE	Max	2.14	0.	0.	0.
2414	2414-12	~161	ENVELOPE	Max	2.84	0.	0.	0.
2414	2414-12	~160	ENVELOPE	Min	-1.92	0.	0.	0.
2414	2414-12	~168	ENVELOPE	Min	-1.31	0.	0.	0.
2414	2414-12	~169	ENVELOPE	Min	-3.01	0.	0.	0.
2414	2414-12	~161	ENVELOPE	Min	-3.62	0.	0.	0.
2414	2414-13	~161	ENVELOPE	Max	2.43	0.	0.	0.
2414	2414-13	~169	ENVELOPE	Max	1.92	0.	0.	0.
2414	2414-13	~170	ENVELOPE	Max	1.522E-02	0.	0.	0.
2414	2414-13	~162	ENVELOPE	Max	0.52	0.	0.	0.
2414	2414-13	~161	ENVELOPE	Min	-5.13	0.	0.	0.
2414	2414-13	~169	ENVELOPE	Min	-4.19	0.	0.	0.
2414	2414-13	~170	ENVELOPE	Min	-5.98	0.	0.	0.
2414	2414-13	~162	ENVELOPE	Min	-6.92	0.	0.	0.
2414	2414-14	~162	ENVELOPE	Max	-1.66	0.	0.	0.
2414	2414-14	~170	ENVELOPE	Max	-1.72	0.	0.	0.
2414	2414-14	~171	ENVELOPE	Max	-6.9	0.	0.	0.
2414	2414-14	~163	ENVELOPE	Max	-6.84	0.	0.	0.
2414	2414-14	~162	ENVELOPE	Min	-9.4	0.	0.	0.
2414	2414-14	~170	ENVELOPE	Min	-6.55	0.	0.	0.
2414	2414-14	~171	ENVELOPE	Min	-7.13	0.	0.	0.
2414	2414-14	~163	ENVELOPE	Min	-9.98	0.	0.	0.
2414	2414-15	~163	ENVELOPE	Max	-8.97	0.	0.	0.
2414	2414-15	~171	ENVELOPE	Max	-7.02	0.	0.	0.
2414	2414-15	~172	ENVELOPE	Max	-5.67	0.	0.	0.

Table: Element Forces - Area Shells, Part 2 of 5

Area	AreaElem	Joint	OutputCase	StepType	F12	FMax	FMin	FAngle
					KN/m	KN/m	KN/m	Degrees
2414	2414-15	~164	ENVELOPE	Max	-7.61	0.	0.	0.
2414	2414-15	~163	ENVELOPE	Min	-14.16	0.	0.	0.
2414	2414-15	~171	ENVELOPE	Min	-10.39	0.	0.	0.
2414	2414-15	~172	ENVELOPE	Min	-13.01	0.	0.	0.
2414	2414-15	~164	ENVELOPE	Min	-16.79	0.	0.	0.
2414	2414-16	~164	ENVELOPE	Max	-6.09	0.	0.	0.
2414	2414-16	~172	ENVELOPE	Max	-4.64	0.	0.	0.
2414	2414-16	~22	ENVELOPE	Max	0.48	0.	0.	0.
2414	2414-16	~28	ENVELOPE	Max	-0.97	0.	0.	0.
2414	2414-16	~164	ENVELOPE	Min	-14.9	0.	0.	0.
2414	2414-16	~172	ENVELOPE	Min	-11.39	0.	0.	0.
2414	2414-16	~22	ENVELOPE	Min	-7.1	0.	0.	0.
2414	2414-16	~28	ENVELOPE	Min	-10.61	0.	0.	0.
2414	2414-17	~165	ENVELOPE	Max	4.818E-02	0.	0.	0.
2414	2414-17	~173	ENVELOPE	Max	-1.034E-02	0.	0.	0.
2414	2414-17	~174	ENVELOPE	Max	-1.034E-02	0.	0.	0.
2414	2414-17	~166	ENVELOPE	Max	4.818E-02	0.	0.	0.
2414	2414-17	~165	ENVELOPE	Min	1.034E-02	0.	0.	0.
2414	2414-17	~173	ENVELOPE	Min	-4.818E-02	0.	0.	0.
2414	2414-17	~174	ENVELOPE	Min	-4.818E-02	0.	0.	0.
2414	2414-17	~166	ENVELOPE	Min	1.034E-02	0.	0.	0.
2414	2414-18	~166	ENVELOPE	Max	0.63	0.	0.	0.
2414	2414-18	~174	ENVELOPE	Max	7.231E-02	0.	0.	0.
2414	2414-18	~175	ENVELOPE	Max	7.231E-02	0.	0.	0.
2414	2414-18	~167	ENVELOPE	Max	0.63	0.	0.	0.
2414	2414-18	~166	ENVELOPE	Min	-7.231E-02	0.	0.	0.
2414	2414-18	~174	ENVELOPE	Min	-0.63	0.	0.	0.
2414	2414-18	~175	ENVELOPE	Min	-0.63	0.	0.	0.
2414	2414-18	~167	ENVELOPE	Min	-7.231E-02	0.	0.	0.
2414	2414-19	~167	ENVELOPE	Max	0.19	0.	0.	0.
2414	2414-19	~175	ENVELOPE	Max	9.614E-02	0.	0.	0.
2414	2414-19	~176	ENVELOPE	Max	9.614E-02	0.	0.	0.
2414	2414-19	~168	ENVELOPE	Max	0.19	0.	0.	0.
2414	2414-19	~167	ENVELOPE	Min	-9.614E-02	0.	0.	0.
2414	2414-19	~175	ENVELOPE	Min	-0.19	0.	0.	0.
2414	2414-19	~176	ENVELOPE	Min	-0.19	0.	0.	0.
2414	2414-19	~168	ENVELOPE	Min	-9.614E-02	0.	0.	0.
2414	2414-20	~168	ENVELOPE	Max	0.77	0.	0.	0.
2414	2414-20	~176	ENVELOPE	Max	0.62	0.	0.	0.
2414	2414-20	~177	ENVELOPE	Max	0.62	0.	0.	0.
2414	2414-20	~169	ENVELOPE	Max	0.77	0.	0.	0.
2414	2414-20	~168	ENVELOPE	Min	-0.62	0.	0.	0.
2414	2414-20	~176	ENVELOPE	Min	-0.77	0.	0.	0.
2414	2414-20	~177	ENVELOPE	Min	-0.77	0.	0.	0.
2414	2414-20	~169	ENVELOPE	Min	-0.62	0.	0.	0.
2414	2414-21	~169	ENVELOPE	Max	0.55	0.	0.	0.
2414	2414-21	~177	ENVELOPE	Max	1.8	0.	0.	0.
2414	2414-21	~178	ENVELOPE	Max	1.8	0.	0.	0.
2414	2414-21	~170	ENVELOPE	Max	0.55	0.	0.	0.
2414	2414-21	~169	ENVELOPE	Min	-1.8	0.	0.	0.
2414	2414-21	~177	ENVELOPE	Min	-0.55	0.	0.	0.
2414	2414-21	~178	ENVELOPE	Min	-0.55	0.	0.	0.
2414	2414-21	~170	ENVELOPE	Min	-1.8	0.	0.	0.
2414	2414-22	~170	ENVELOPE	Max	-1.19	0.	0.	0.
2414	2414-22	~178	ENVELOPE	Max	2.37	0.	0.	0.

Table: Element Forces - Area Shells, Part 2 of 5

Area	AreaElem	Joint	OutputCase	StepType	F12	FMax	FMin	FAngle
					KN/m	KN/m	KN/m	Degrees
2414	2414-22	~179	ENVELOPE	Max	2.37	0.	0.	0.
2414	2414-22	~171	ENVELOPE	Max	-1.19	0.	0.	0.
2414	2414-22	~170	ENVELOPE	Min	-2.37	0.	0.	0.
2414	2414-22	~178	ENVELOPE	Min	1.19	0.	0.	0.
2414	2414-22	~179	ENVELOPE	Min	1.19	0.	0.	0.
2414	2414-22	~171	ENVELOPE	Min	-2.37	0.	0.	0.
2414	2414-23	~171	ENVELOPE	Max	-2.26	0.	0.	0.
2414	2414-23	~179	ENVELOPE	Max	4.67	0.	0.	0.
2414	2414-23	~180	ENVELOPE	Max	4.67	0.	0.	0.
2414	2414-23	~172	ENVELOPE	Max	-2.26	0.	0.	0.
2414	2414-23	~171	ENVELOPE	Min	-4.67	0.	0.	0.
2414	2414-23	~179	ENVELOPE	Min	2.26	0.	0.	0.
2414	2414-23	~180	ENVELOPE	Min	2.26	0.	0.	0.
2414	2414-23	~172	ENVELOPE	Min	-4.67	0.	0.	0.
2414	2414-24	~172	ENVELOPE	Max	-1.23	0.	0.	0.
2414	2414-24	~180	ENVELOPE	Max	3.05	0.	0.	0.
2414	2414-24	~16	ENVELOPE	Max	3.05	0.	0.	0.
2414	2414-24	~22	ENVELOPE	Max	-1.23	0.	0.	0.
2414	2414-24	~172	ENVELOPE	Min	-3.05	0.	0.	0.
2414	2414-24	~180	ENVELOPE	Min	1.23	0.	0.	0.
2414	2414-24	~16	ENVELOPE	Min	1.23	0.	0.	0.
2414	2414-24	~22	ENVELOPE	Min	-3.05	0.	0.	0.
2414	2414-25	~173	ENVELOPE	Max	-8.495E-03	0.	0.	0.
2414	2414-25	~181	ENVELOPE	Max	0.27	0.	0.	0.
2414	2414-25	~182	ENVELOPE	Max	0.34	0.	0.	0.
2414	2414-25	~174	ENVELOPE	Max	6.028E-02	0.	0.	0.
2414	2414-25	~173	ENVELOPE	Min	-0.2	0.	0.	0.
2414	2414-25	~181	ENVELOPE	Min	-1.16	0.	0.	0.
2414	2414-25	~182	ENVELOPE	Min	-1.73	0.	0.	0.
2414	2414-25	~174	ENVELOPE	Min	-0.77	0.	0.	0.
2414	2414-26	~174	ENVELOPE	Max	0.14	0.	0.	0.
2414	2414-26	~182	ENVELOPE	Max	-0.19	0.	0.	0.
2414	2414-26	~183	ENVELOPE	Max	-0.12	0.	0.	0.
2414	2414-26	~175	ENVELOPE	Max	0.21	0.	0.	0.
2414	2414-26	~174	ENVELOPE	Min	-1.36	0.	0.	0.
2414	2414-26	~182	ENVELOPE	Min	-0.62	0.	0.	0.
2414	2414-26	~183	ENVELOPE	Min	-0.68	0.	0.	0.
2414	2414-26	~175	ENVELOPE	Min	-1.42	0.	0.	0.
2414	2414-27	~175	ENVELOPE	Max	0.23	0.	0.	0.
2414	2414-27	~183	ENVELOPE	Max	0.24	0.	0.	0.
2414	2414-27	~184	ENVELOPE	Max	0.8	0.	0.	0.
2414	2414-27	~176	ENVELOPE	Max	0.79	0.	0.	0.
2414	2414-27	~175	ENVELOPE	Min	-0.98	0.	0.	0.
2414	2414-27	~183	ENVELOPE	Min	-1.57	0.	0.	0.
2414	2414-27	~184	ENVELOPE	Min	-1.77	0.	0.	0.
2414	2414-27	~176	ENVELOPE	Min	-1.18	0.	0.	0.
2414	2414-28	~176	ENVELOPE	Max	1.31	0.	0.	0.
2414	2414-28	~184	ENVELOPE	Max	1.92	0.	0.	0.
2414	2414-28	~185	ENVELOPE	Max	3.62	0.	0.	0.
2414	2414-28	~177	ENVELOPE	Max	3.01	0.	0.	0.
2414	2414-28	~176	ENVELOPE	Min	-1.76	0.	0.	0.
2414	2414-28	~184	ENVELOPE	Min	-2.45	0.	0.	0.
2414	2414-28	~185	ENVELOPE	Min	-2.84	0.	0.	0.
2414	2414-28	~177	ENVELOPE	Min	-2.14	0.	0.	0.
2414	2414-29	~177	ENVELOPE	Max	4.19	0.	0.	0.

Table: Element Forces - Area Shells, Part 2 of 5

Area	AreaElem	Joint	OutputCase	StepType	F12	FMax	FMin	FAngle
					KN/m	KN/m	KN/m	Degrees
2414	2414-29	~185	ENVELOPE	Max	5.13	0.	0.	0.
2414	2414-29	~186	ENVELOPE	Max	6.92	0.	0.	0.
2414	2414-29	~178	ENVELOPE	Max	5.98	0.	0.	0.
2414	2414-29	~177	ENVELOPE	Min	-1.92	0.	0.	0.
2414	2414-29	~185	ENVELOPE	Min	-2.43	0.	0.	0.
2414	2414-29	~186	ENVELOPE	Min	-0.52	0.	0.	0.
2414	2414-29	~178	ENVELOPE	Min	-1.522E-02	0.	0.	0.
2414	2414-30	~178	ENVELOPE	Max	6.55	0.	0.	0.
2414	2414-30	~186	ENVELOPE	Max	9.4	0.	0.	0.
2414	2414-30	~187	ENVELOPE	Max	9.98	0.	0.	0.
2414	2414-30	~179	ENVELOPE	Max	7.13	0.	0.	0.
2414	2414-30	~178	ENVELOPE	Min	1.72	0.	0.	0.
2414	2414-30	~186	ENVELOPE	Min	1.66	0.	0.	0.
2414	2414-30	~187	ENVELOPE	Min	6.84	0.	0.	0.
2414	2414-30	~179	ENVELOPE	Min	6.9	0.	0.	0.
2414	2414-31	~179	ENVELOPE	Max	10.39	0.	0.	0.
2414	2414-31	~187	ENVELOPE	Max	14.16	0.	0.	0.
2414	2414-31	~188	ENVELOPE	Max	16.79	0.	0.	0.
2414	2414-31	~180	ENVELOPE	Max	13.01	0.	0.	0.
2414	2414-31	~179	ENVELOPE	Min	7.02	0.	0.	0.
2414	2414-31	~187	ENVELOPE	Min	8.97	0.	0.	0.
2414	2414-31	~188	ENVELOPE	Min	7.61	0.	0.	0.
2414	2414-31	~180	ENVELOPE	Min	5.67	0.	0.	0.
2414	2414-32	~180	ENVELOPE	Max	11.39	0.	0.	0.
2414	2414-32	~188	ENVELOPE	Max	14.9	0.	0.	0.
2414	2414-32	~10	ENVELOPE	Max	10.61	0.	0.	0.
2414	2414-32	~16	ENVELOPE	Max	7.1	0.	0.	0.
2414	2414-32	~180	ENVELOPE	Min	4.64	0.	0.	0.
2414	2414-32	~188	ENVELOPE	Min	6.09	0.	0.	0.
2414	2414-32	~10	ENVELOPE	Min	0.97	0.	0.	0.
2414	2414-32	~16	ENVELOPE	Min	-0.48	0.	0.	0.
2414	2414-33	~181	ENVELOPE	Max	0.93	0.	0.	0.
2414	2414-33	2	ENVELOPE	Max	0.56	0.	0.	0.
2414	2414-33	~156	ENVELOPE	Max	0.85	0.	0.	0.
2414	2414-33	~182	ENVELOPE	Max	0.26	0.	0.	0.
2414	2414-33	~181	ENVELOPE	Min	-3.32	0.	0.	0.
2414	2414-33	2	ENVELOPE	Min	-1.11	0.	0.	0.
2414	2414-33	~156	ENVELOPE	Min	-0.11	0.	0.	0.
2414	2414-33	~182	ENVELOPE	Min	-1.36	0.	0.	0.
2414	2414-34	~182	ENVELOPE	Max	-0.25	0.	0.	0.
2414	2414-34	~156	ENVELOPE	Max	-0.14	0.	0.	0.
2414	2414-34	~155	ENVELOPE	Max	0.39	0.	0.	0.
2414	2414-34	~183	ENVELOPE	Max	0.28	0.	0.	0.
2414	2414-34	~182	ENVELOPE	Min	-0.27	0.	0.	0.
2414	2414-34	~156	ENVELOPE	Min	-0.28	0.	0.	0.
2414	2414-34	~155	ENVELOPE	Min	-0.59	0.	0.	0.
2414	2414-34	~183	ENVELOPE	Min	-0.57	0.	0.	0.
2414	2414-35	~183	ENVELOPE	Max	-0.21	0.	0.	0.
2414	2414-35	~155	ENVELOPE	Max	-0.21	0.	0.	0.
2414	2414-35	~154	ENVELOPE	Max	0.64	0.	0.	0.
2414	2414-35	~184	ENVELOPE	Max	0.67	0.	0.	0.
2414	2414-35	~183	ENVELOPE	Min	-0.62	0.	0.	0.
2414	2414-35	~155	ENVELOPE	Min	-0.23	0.	0.	0.
2414	2414-35	~154	ENVELOPE	Min	-1.55	0.	0.	0.
2414	2414-35	~184	ENVELOPE	Min	-1.96	0.	0.	0.

Table: Element Forces - Area Shells, Part 2 of 5

Area	AreaElem	Joint	OutputCase	StepType	F12	FMax	FMin	FAngle
					KN/m	KN/m	KN/m	Degrees
2414	2414-36	~184	ENVELOPE	Max	1.8	0.	0.	0.
2414	2414-36	~154	ENVELOPE	Max	0.91	0.	0.	0.
2414	2414-36	~153	ENVELOPE	Max	1.73	0.	0.	0.
2414	2414-36	~185	ENVELOPE	Max	2.61	0.	0.	0.
2414	2414-36	~184	ENVELOPE	Min	-2.64	0.	0.	0.
2414	2414-36	~154	ENVELOPE	Min	-1.86	0.	0.	0.
2414	2414-36	~153	ENVELOPE	Min	-1.74	0.	0.	0.
2414	2414-36	~185	ENVELOPE	Min	-2.52	0.	0.	0.
2414	2414-37	~185	ENVELOPE	Max	4.12	0.	0.	0.
2414	2414-37	~153	ENVELOPE	Max	2.32	0.	0.	0.
2414	2414-37	~152	ENVELOPE	Max	4.36	0.	0.	0.
2414	2414-37	~186	ENVELOPE	Max	6.16	0.	0.	0.
2414	2414-37	~185	ENVELOPE	Min	-2.11	0.	0.	0.
2414	2414-37	~153	ENVELOPE	Min	-1.87	0.	0.	0.
2414	2414-37	~152	ENVELOPE	Min	-1.3	0.	0.	0.
2414	2414-37	~186	ENVELOPE	Min	-1.54	0.	0.	0.
2414	2414-38	~186	ENVELOPE	Max	8.65	0.	0.	0.
2414	2414-38	~152	ENVELOPE	Max	5.01	0.	0.	0.
2414	2414-38	~151	ENVELOPE	Max	5.85	0.	0.	0.
2414	2414-38	~187	ENVELOPE	Max	9.5	0.	0.	0.
2414	2414-38	~186	ENVELOPE	Min	0.64	0.	0.	0.
2414	2414-38	~152	ENVELOPE	Min	-0.25	0.	0.	0.
2414	2414-38	~151	ENVELOPE	Min	3.56	0.	0.	0.
2414	2414-38	~187	ENVELOPE	Min	4.45	0.	0.	0.
2414	2414-39	~187	ENVELOPE	Max	11.77	0.	0.	0.
2414	2414-39	~151	ENVELOPE	Max	8.08	0.	0.	0.
2414	2414-39	~150	ENVELOPE	Max	8.03	0.	0.	0.
2414	2414-39	~188	ENVELOPE	Max	15.67	0.	0.	0.
2414	2414-39	~187	ENVELOPE	Min	8.48	0.	0.	0.
2414	2414-39	~151	ENVELOPE	Min	4.14	0.	0.	0.
2414	2414-39	~150	ENVELOPE	Min	6.99	0.	0.	0.
2414	2414-39	~188	ENVELOPE	Min	7.39	0.	0.	0.
2414	2414-40	~188	ENVELOPE	Max	13.78	0.	0.	0.
2414	2414-40	~150	ENVELOPE	Max	13.49	0.	0.	0.
2414	2414-40	2043	ENVELOPE	Max	9.7	0.	0.	0.
2414	2414-40	~10	ENVELOPE	Max	9.99	0.	0.	0.
2414	2414-40	~188	ENVELOPE	Min	5.87	0.	0.	0.
2414	2414-40	~150	ENVELOPE	Min	-0.44	0.	0.	0.
2414	2414-40	2043	ENVELOPE	Min	0.44	0.	0.	0.
2414	2414-40	~10	ENVELOPE	Min	6.74	0.	0.	0.

Table: Element Forces - Area Shells, Part 3 of 5

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PRODIA INGENIERÍA
PROYECTO DE DIGITALIZACIÓN Y SISTEMA DE TELEMANDO REMOTO EN EL CANAL DE ARAGÓN Y CATALUÑA
ANEJO Nº 19.- CÁLCULOS DE ESTRUCTURAS

Area	AreaElem	Joint	OutputCase	StepType	FVM	M11	M22	M12
					KN/m	KN-m/m	KN-m/m	KN-m/m
2012	2012-1	2042	ENVELOPE	Max	0.	3.6645	3.6645	0.718
2012	2012-1	~1	ENVELOPE	Max	0.	10.8945	2.9262	1.9785
2012	2012-1	~2	ENVELOPE	Max	0.	-0.4245	0.4245	-3.2391
2012	2012-1	~3	ENVELOPE	Max	0.	2.9262	10.6945	-1.9785
2012	2012-1	2042	ENVELOPE	Min	0.	0.2173	0.2173	-5.0916
2012	2012-1	~1	ENVELOPE	Min	0.	5.655	-1.2351	-5.769
2012	2012-1	~2	ENVELOPE	Min	0.	-6.0534	-6.0534	-6.4464
2012	2012-1	~3	ENVELOPE	Min	0.	-1.2351	5.655	-5.769
2012	2012-2	~3	ENVELOPE	Max	0.	3.3612	10.7815	-1.4918
2012	2012-2	~2	ENVELOPE	Max	0.	-0.6409	-0.4678	-3.0795
2012	2012-2	~4	ENVELOPE	Max	0.	-3.8385	-2.0819	-2.2791
2012	2012-2	~5	ENVELOPE	Max	0.	2.5086	19.2064	-0.6914
2012	2012-2	~3	ENVELOPE	Min	0.	-1.2717	5.6477	-5.2504
2012	2012-2	~2	ENVELOPE	Min	0.	-5.9373	-6.0302	-5.2916
2012	2012-2	~4	ENVELOPE	Min	0.	-8.849	-8.6276	-3.5993
2012	2012-2	~5	ENVELOPE	Min	0.	0.3046	8.1756	-3.5582
2012	2012-3	~5	ENVELOPE	Max	0.	2.8534	19.2754	-0.5308
2012	2012-3	~4	ENVELOPE	Max	0.	-3.9713	-2.1084	-0.5308
2012	2012-3	~6	ENVELOPE	Max	0.	-3.9713	-2.1084	1.2461
2012	2012-3	~7	ENVELOPE	Max	0.	2.8534	19.2754	1.2461
2012	2012-3	~5	ENVELOPE	Min	0.	0.4936	8.2134	-1.2461
2012	2012-3	~4	ENVELOPE	Min	0.	-8.856	-8.629	-1.2461
2012	2012-3	~6	ENVELOPE	Min	0.	-8.856	-8.629	0.5308
2012	2012-3	~7	ENVELOPE	Min	0.	0.4936	8.2134	0.5308
2012	2012-4	~7	ENVELOPE	Max	0.	2.5086	19.2064	3.5582
2012	2012-4	~6	ENVELOPE	Max	0.	-3.8385	-2.0819	3.5993
2012	2012-4	~8	ENVELOPE	Max	0.	-0.6409	-0.4678	5.2916
2012	2012-4	~9	ENVELOPE	Max	0.	3.3612	10.7815	5.2504
2012	2012-4	~7	ENVELOPE	Min	0.	0.3046	8.1756	0.6914
2012	2012-4	~6	ENVELOPE	Min	0.	-8.849	-8.6276	2.2791
2012	2012-4	~8	ENVELOPE	Min	0.	-5.9373	-6.0302	3.0795
2012	2012-4	~9	ENVELOPE	Min	0.	-1.2717	5.6477	1.4918
2012	2012-5	~9	ENVELOPE	Max	0.	2.9262	10.6945	5.769
2012	2012-5	~8	ENVELOPE	Max	0.	-0.4245	-0.4245	6.4464
2012	2012-5	~10	ENVELOPE	Max	0.	10.6945	2.9262	5.769
2012	2012-5	2043	ENVELOPE	Max	0.	3.6645	3.6645	5.0916
2012	2012-5	~9	ENVELOPE	Min	0.	-1.2351	5.655	1.9785
2012	2012-5	~8	ENVELOPE	Min	0.	-6.0534	-6.0534	3.2391
2012	2012-5	~10	ENVELOPE	Min	0.	5.655	-1.2351	1.9785
2012	2012-5	2043	ENVELOPE	Min	0.	0.2173	0.2173	0.718
2012	2012-6	~1	ENVELOPE	Max	0.	10.7815	3.3612	-1.4918
2012	2012-6	~11	ENVELOPE	Max	0.	19.2064	2.5086	-0.6914
2012	2012-6	~12	ENVELOPE	Max	0.	-2.0819	-3.8385	-2.2791
2012	2012-6	~2	ENVELOPE	Max	0.	-0.4678	-0.6409	-3.0795
2012	2012-6	~1	ENVELOPE	Min	0.	5.6477	-1.2717	-5.2504
2012	2012-6	~11	ENVELOPE	Min	0.	8.1756	0.3046	-3.5582
2012	2012-6	~12	ENVELOPE	Min	0.	-8.6276	-8.849	-3.5993
2012	2012-6	~2	ENVELOPE	Min	0.	-6.0302	-5.9373	-5.2916
2012	2012-7	~2	ENVELOPE	Max	0.	-0.6841	-0.6841	-2.9976
2012	2012-7	~12	ENVELOPE	Max	0.	-1.8023	-3.7826	-2.2228
2012	2012-7	~13	ENVELOPE	Max	0.	-8.3036	-8.3036	-1.4479
2012	2012-7	~4	ENVELOPE	Max	0.	-3.7826	-1.8023	-2.2228
2012	2012-7	~2	ENVELOPE	Min	0.	-5.914	-5.914	-4.3109
2012	2012-7	~12	ENVELOPE	Min	0.	-8.5208	-8.8276	-3.0522
2012	2012-7	~13	ENVELOPE	Min	0.	-13.9268	-13.9268	-1.7934
2012	2012-7	~4	ENVELOPE	Min	0.	-8.8276	-8.5208	-3.0522
2012	2012-8	~4	ENVELOPE	Max	0.	-3.9154	-1.8289	-0.6294
2012	2012-8	~13	ENVELOPE	Max	0.	-8.2287	-8.2886	-0.6294
2012	2012-8	~14	ENVELOPE	Max	0.	-8.2287	-8.2886	0.8275
2012	2012-8	~6	ENVELOPE	Max	0.	-3.9154	-1.8289	0.8275
2012	2012-8	~4	ENVELOPE	Min	0.	-8.8347	-8.5222	-0.8275
2012	2012-8	~13	ENVELOPE	Min	0.	-13.8858	-13.9186	-0.8275
2012	2012-8	~14	ENVELOPE	Min	0.	-13.8858	-13.9186	0.6294
2012	2012-8	~6	ENVELOPE	Min	0.	-8.8347	-8.5222	0.6294
2012	2012-9	~6	ENVELOPE	Max	0.	-3.7826	-1.8023	3.0522
2012	2012-9	~14	ENVELOPE	Max	0.	-8.3036	-8.3036	1.7934

2012	2012-9	~15	ENVELOPE	Max	0.	-1.8023	-3.7826	3.0522
2012	2012-9	~8	ENVELOPE	Max	0.	-0.6841	-0.6841	4.3109
2012	2012-9	~6	ENVELOPE	Min	0.	-8.8276	-8.5208	2.2228
2012	2012-9	~14	ENVELOPE	Min	0.	-13.9268	-13.9268	1.4479
2012	2012-9	~15	ENVELOPE	Min	0.	-8.5208	-8.8276	2.2228
2012	2012-9	~8	ENVELOPE	Min	0.	-5.914	-5.914	2.9976
2012	2012-10	~8	ENVELOPE	Max	0.	-0.4678	-0.6409	5.2916
2012	2012-10	~15	ENVELOPE	Max	0.	-2.0819	-3.8385	3.5993
2012	2012-10	~16	ENVELOPE	Max	0.	19.2064	2.5086	3.5582
2012	2012-10	~10	ENVELOPE	Max	0.	10.7815	3.3612	5.2504
2012	2012-10	~8	ENVELOPE	Min	0.	-6.0302	-5.9373	3.0795
2012	2012-10	~15	ENVELOPE	Min	0.	-8.6276	-8.849	2.2791
2012	2012-10	~16	ENVELOPE	Min	0.	8.1756	0.3046	0.6914
2012	2012-10	~10	ENVELOPE	Min	0.	5.6477	-1.2717	1.4918
2012	2012-11	~11	ENVELOPE	Max	0.	19.2754	2.8534	-0.5308
2012	2012-11	~17	ENVELOPE	Max	0.	19.2754	2.8534	1.2461
2012	2012-11	~18	ENVELOPE	Max	0.	-2.1084	-3.9713	1.2461
2012	2012-11	~12	ENVELOPE	Max	0.	-2.1084	-3.9713	-0.5308
2012	2012-11	~11	ENVELOPE	Min	0.	8.2134	0.4936	-1.2461
2012	2012-11	~17	ENVELOPE	Min	0.	8.2134	0.4936	0.5308
2012	2012-11	~18	ENVELOPE	Min	0.	-8.629	-8.856	0.5308
2012	2012-11	~12	ENVELOPE	Min	0.	-8.629	-8.856	-1.2461
2012	2012-12	~12	ENVELOPE	Max	0.	-1.8289	-3.9154	-0.6294
2012	2012-12	~18	ENVELOPE	Max	0.	-1.8289	-3.9154	0.8275
2012	2012-12	~19	ENVELOPE	Max	0.	-8.2886	-8.2287	0.8275
2012	2012-12	~13	ENVELOPE	Max	0.	-8.2886	-8.2287	-0.6294
2012	2012-12	~12	ENVELOPE	Min	0.	-8.5222	-8.8347	-0.8275
2012	2012-12	~18	ENVELOPE	Min	0.	-8.5222	-8.8347	0.6294
2012	2012-12	~19	ENVELOPE	Min	0.	-13.9186	-13.8858	0.6294
2012	2012-12	~13	ENVELOPE	Min	0.	-13.9186	-13.8858	-0.8275
2012	2012-13	~13	ENVELOPE	Max	0.	-8.2137	-8.2137	1.208E-12
2012	2012-13	~19	ENVELOPE	Max	0.	-8.2137	-8.2137	-1.739E-13
2012	2012-13	~20	ENVELOPE	Max	0.	-8.2137	-8.2137	5.546E-13
2012	2012-13	~14	ENVELOPE	Max	0.	-8.2137	-8.2137	9.413E-13
2012	2012-13	~13	ENVELOPE	Min	0.	-13.8776	-13.8776	1.715E-14
2012	2012-13	~19	ENVELOPE	Min	0.	-13.8776	-13.8776	-3.599E-13
2012	2012-13	~20	ENVELOPE	Min	0.	-13.8776	-13.8776	1.519E-13
2012	2012-13	~14	ENVELOPE	Min	0.	-13.8776	-13.8776	1.992E-14
2012	2012-14	~14	ENVELOPE	Max	0.	-8.2886	-8.2287	0.8275
2012	2012-14	~20	ENVELOPE	Max	0.	-8.2886	-8.2287	-0.6294
2012	2012-14	~21	ENVELOPE	Max	0.	-1.8289	-3.9154	-0.6294
2012	2012-14	~15	ENVELOPE	Max	0.	-1.8289	-3.9154	0.8275
2012	2012-14	~14	ENVELOPE	Min	0.	-13.9186	-13.8858	0.6294
2012	2012-14	~20	ENVELOPE	Min	0.	-13.9186	-13.8858	-0.8275
2012	2012-14	~21	ENVELOPE	Min	0.	-8.5222	-8.8347	-0.8275
2012	2012-14	~15	ENVELOPE	Min	0.	-8.5222	-8.8347	0.6294
2012	2012-15	~15	ENVELOPE	Max	0.	-2.1084	-3.9713	1.2461
2012	2012-15	~21	ENVELOPE	Max	0.	-2.1084	-3.9713	-0.5308
2012	2012-15	~22	ENVELOPE	Max	0.	19.2754	2.8534	-0.5308
2012	2012-15	~16	ENVELOPE	Max	0.	19.2754	2.8534	1.2461
2012	2012-15	~15	ENVELOPE	Min	0.	-8.629	-8.856	0.5308
2012	2012-15	~21	ENVELOPE	Min	0.	-8.629	-8.856	-1.2461
2012	2012-15	~22	ENVELOPE	Min	0.	8.2134	0.4936	-1.2461
2012	2012-15	~16	ENVELOPE	Min	0.	8.2134	0.4936	0.5308
2012	2012-16	~17	ENVELOPE	Max	0.	19.2064	2.5086	3.5582
2012	2012-16	~23	ENVELOPE	Max	0.	10.7815	3.3612	5.2504
2012	2012-16	~24	ENVELOPE	Max	0.	-0.4678	-0.6409	5.2916

2012	2012-16	~18	ENVELOPE	Max	0.	-2.0819	-3.8385	3.5993
2012	2012-16	~17	ENVELOPE	Min	0.	8.1756	0.3046	0.6914
2012	2012-16	~23	ENVELOPE	Min	0.	5.6477	-1.2717	1.4918
2012	2012-16	~24	ENVELOPE	Min	0.	-6.0302	-5.9373	3.0795
2012	2012-16	~18	ENVELOPE	Min	0.	-8.6276	-8.849	2.2791
2012	2012-17	~18	ENVELOPE	Max	0.	-1.8023	-3.7826	3.0522
2012	2012-17	~24	ENVELOPE	Max	0.	-0.6841	-0.6841	4.3109
2012	2012-17	~25	ENVELOPE	Max	0.	-3.7826	-1.8023	3.0522
2012	2012-17	~19	ENVELOPE	Max	0.	-8.3036	-8.3036	1.7934
2012	2012-17	~18	ENVELOPE	Min	0.	-8.5208	-8.8276	2.2228
2012	2012-17	~24	ENVELOPE	Min	0.	-5.914	-5.914	2.9976
2012	2012-17	~25	ENVELOPE	Min	0.	-8.8276	-8.5208	2.2228
2012	2012-17	~19	ENVELOPE	Min	0.	-13.9268	-13.9268	1.4479
2012	2012-18	~19	ENVELOPE	Max	0.	-8.2287	-8.2886	0.8275
2012	2012-18	~25	ENVELOPE	Max	0.	-3.9154	-1.8289	0.8275
2012	2012-18	~26	ENVELOPE	Max	0.	-3.9154	-1.8289	-0.6294
2012	2012-18	~20	ENVELOPE	Max	0.	-8.2287	-8.2886	-0.6294
2012	2012-18	~19	ENVELOPE	Min	0.	-13.8858	-13.9186	0.6294
2012	2012-18	~25	ENVELOPE	Min	0.	-8.8347	-8.5222	0.6294
2012	2012-18	~26	ENVELOPE	Min	0.	-8.8347	-8.5222	-0.8275
2012	2012-18	~20	ENVELOPE	Min	0.	-13.8858	-13.9186	-0.8275
2012	2012-19	~20	ENVELOPE	Max	0.	-8.3036	-8.3036	-1.4479
2012	2012-19	~26	ENVELOPE	Max	0.	-3.7826	-1.8023	-2.2228
2012	2012-19	~27	ENVELOPE	Max	0.	-0.6841	-0.6841	-2.9976
2012	2012-19	~21	ENVELOPE	Max	0.	-1.8023	-3.7826	-2.2228
2012	2012-19	~20	ENVELOPE	Min	0.	-13.9268	-13.9268	-1.7934
2012	2012-19	~26	ENVELOPE	Min	0.	-8.8276	-8.5208	-3.0522
2012	2012-19	~27	ENVELOPE	Min	0.	-5.914	-5.914	-4.3109
2012	2012-19	~21	ENVELOPE	Min	0.	-8.5208	-8.8276	-3.0522
2012	2012-20	~21	ENVELOPE	Max	0.	-2.0819	-3.8385	-2.2791
2012	2012-20	~27	ENVELOPE	Max	0.	-0.4678	-0.6409	-3.0795
2012	2012-20	~28	ENVELOPE	Max	0.	10.7815	3.3612	-1.4918
2012	2012-20	~22	ENVELOPE	Max	0.	19.2064	2.5086	-0.6914
2012	2012-20	~21	ENVELOPE	Min	0.	-8.6276	-8.849	-3.5993
2012	2012-20	~27	ENVELOPE	Min	0.	-6.0302	-5.9373	-5.2916
2012	2012-20	~28	ENVELOPE	Min	0.	5.6477	-1.2717	-5.2504
2012	2012-20	~22	ENVELOPE	Min	0.	8.1756	0.3046	-3.5582
2012	2012-21	~23	ENVELOPE	Max	0.	10.6945	2.9262	5.769
2012	2012-21	2045	ENVELOPE	Max	0.	3.6645	3.6645	5.0916
2012	2012-21	~29	ENVELOPE	Max	0.	2.9262	10.6945	5.769
2012	2012-21	~24	ENVELOPE	Max	0.	-0.4245	-0.4245	6.4464
2012	2012-21	~23	ENVELOPE	Min	0.	5.655	-1.2351	1.9785
2012	2012-21	2045	ENVELOPE	Min	0.	0.2173	0.2173	0.718
2012	2012-21	~29	ENVELOPE	Min	0.	-1.2351	5.655	1.9785
2012	2012-21	~24	ENVELOPE	Min	0.	-6.0534	-6.0534	3.2391
2012	2012-22	~24	ENVELOPE	Max	0.	-0.6409	-0.4678	5.2916
2012	2012-22	~29	ENVELOPE	Max	0.	3.3612	10.7815	5.2504
2012	2012-22	~30	ENVELOPE	Max	0.	2.5086	19.2064	3.5582
2012	2012-22	~25	ENVELOPE	Max	0.	-3.8385	-2.0819	3.5993
2012	2012-22	~24	ENVELOPE	Min	0.	-5.9373	-6.0302	3.0795
2012	2012-22	~29	ENVELOPE	Min	0.	-1.2717	5.6477	1.4918
2012	2012-22	~30	ENVELOPE	Min	0.	0.3046	8.1756	0.6914
2012	2012-22	~25	ENVELOPE	Min	0.	-8.849	-8.6276	2.2791
2012	2012-23	~25	ENVELOPE	Max	0.	-3.9713	-2.1084	1.2461
2012	2012-23	~30	ENVELOPE	Max	0.	2.8534	19.2754	1.2461
2012	2012-23	~31	ENVELOPE	Max	0.	2.8534	19.2754	-0.5308
2012	2012-23	~26	ENVELOPE	Max	0.	-3.9713	-2.1084	-0.5308
2012	2012-23	~25	ENVELOPE	Min	0.	-8.856	-8.629	0.5308

2012	2012-23	~30	ENVELOPE	Min	0.	0.4936	8.2134	0.5308
2012	2012-23	~31	ENVELOPE	Min	0.	0.4936	8.2134	-1.2461
2012	2012-23	~26	ENVELOPE	Min	0.	-8.856	-8.629	-1.2461
2012	2012-24	~26	ENVELOPE	Max	0.	-3.8385	-2.0819	-2.2791
2012	2012-24	~31	ENVELOPE	Max	0.	2.5086	19.2064	-0.6914
2012	2012-24	~32	ENVELOPE	Max	0.	3.3612	10.7815	-1.4918
2012	2012-24	~27	ENVELOPE	Max	0.	-0.6409	-0.4678	-3.0795
2012	2012-24	~26	ENVELOPE	Min	0.	-8.849	-8.6276	-3.5993
2012	2012-24	~31	ENVELOPE	Min	0.	0.3046	8.1756	-3.5582
2012	2012-24	~32	ENVELOPE	Min	0.	-1.2717	5.6477	-5.2504
2012	2012-24	~27	ENVELOPE	Min	0.	-5.9373	-6.0302	-5.2916
2012	2012-25	~27	ENVELOPE	Max	0.	-0.4245	-0.4245	-3.2391
2012	2012-25	~32	ENVELOPE	Max	0.	2.9262	10.6945	-1.9785
2012	2012-25	2044	ENVELOPE	Max	0.	3.6645	3.6645	-0.718
2012	2012-25	~28	ENVELOPE	Max	0.	10.6945	2.9262	-1.9785
2012	2012-25	~27	ENVELOPE	Min	0.	-6.0534	-6.0534	-6.4464
2012	2012-25	~32	ENVELOPE	Min	0.	-1.2351	5.655	-5.769
2012	2012-25	2044	ENVELOPE	Min	0.	0.2173	0.2173	-5.0916
2012	2012-25	~28	ENVELOPE	Min	0.	5.655	-1.2351	-5.769
2114	2114-1	1	ENVELOPE	Max	0.	7.9502	0.4803	0.3742
2114	2114-1	~33	ENVELOPE	Max	0.	1.1035	0.0114	0.8591
2114	2114-1	~34	ENVELOPE	Max	0.	0.4003	0.2875	1.1383
2114	2114-1	~35	ENVELOPE	Max	0.	11.3045	1.914	0.6533
2114	2114-1	1	ENVELOPE	Min	0.	-2.1188	-0.1458	-0.2824
2114	2114-1	~33	ENVELOPE	Min	0.	-0.6359	-0.0818	-0.6105
2114	2114-1	~34	ENVELOPE	Min	0.	-0.259	-0.1854	-0.7103
2114	2114-1	~35	ENVELOPE	Min	0.	-4.1805	-0.6226	-0.3821
2114	2114-2	~35	ENVELOPE	Max	0.	11.357	2.1764	0.6631
2114	2114-2	~34	ENVELOPE	Max	0.	0.385	0.2109	1.4622
2114	2114-2	~36	ENVELOPE	Max	0.	0.1252	0.2265	1.5422
2114	2114-2	~37	ENVELOPE	Max	0.	15.591	3.1587	0.743
2114	2114-2	~35	ENVELOPE	Min	0.	-4.2033	-0.7365	-0.3988
2114	2114-2	~34	ENVELOPE	Min	0.	-0.2523	-0.1519	-0.9029
2114	2114-2	~36	ENVELOPE	Min	0.	-0.16	-0.2633	-0.978
2114	2114-2	~37	ENVELOPE	Min	0.	-6.8396	-1.4386	-0.4738
2114	2114-3	~37	ENVELOPE	Max	0.	15.5975	3.1914	0.756
2114	2114-3	~36	ENVELOPE	Max	0.	0.1186	0.1934	1.6275
2114	2114-3	~38	ENVELOPE	Max	0.	-0.0729	-0.1867	1.6303
2114	2114-3	~39	ENVELOPE	Max	0.	20.0653	3.8453	0.7588
2114	2114-3	~37	ENVELOPE	Min	0.	-6.8443	-1.4618	-0.4852
2114	2114-3	~36	ENVELOPE	Min	0.	-0.1568	-0.2473	-1.0864
2114	2114-3	~38	ENVELOPE	Min	0.	-0.1987	-0.2916	-1.1382
2114	2114-3	~39	ENVELOPE	Min	0.	-9.8665	-2.0158	-0.537
2114	2114-4	~39	ENVELOPE	Max	0.	20.1037	4.0374	0.7492
2114	2114-4	~38	ENVELOPE	Max	0.	-0.0643	-0.1441	1.4596
2114	2114-4	~40	ENVELOPE	Max	0.	0.1295	0.1188	1.2531
2114	2114-4	~41	ENVELOPE	Max	0.	23.9063	4.3638	0.5426
2114	2114-4	~39	ENVELOPE	Min	0.	-9.8943	-2.1552	-0.5452
2114	2114-4	~38	ENVELOPE	Min	0.	-0.2109	-0.3527	-1.1639
2114	2114-4	~40	ENVELOPE	Min	0.	-0.7724	-1.2523	-1.1447
2114	2114-4	~41	ENVELOPE	Min	0.	-13.0399	-2.5637	-0.526
2114	2114-5	~41	ENVELOPE	Max	0.	23.9267	4.4657	0.4794
2114	2114-5	~40	ENVELOPE	Max	0.	0.1443	0.1931	0.6788
2114	2114-5	~42	ENVELOPE	Max	0.	0.6247	0.8897	0.205
2114	2114-5	~43	ENVELOPE	Max	0.	25.3628	4.235	0.0055
2114	2114-5	~41	ENVELOPE	Min	0.	-13.0845	-2.7864	-0.517
2114	2114-5	~40	ENVELOPE	Min	0.	-0.7815	-1.2981	-0.9969
2114	2114-5	~42	ENVELOPE	Min	0.	-1.5912	-2.6452	-0.859

2114	2114-5	~43	ENVELOPE	Min	0.	-15.6768	-2.7091	-0.3791
2114	2114-6	~43	ENVELOPE	Max	0.	25.3554	4.1978	-0.1337
2114	2114-6	~42	ENVELOPE	Max	0.	0.6494	1.013	-0.367
2114	2114-6	~44	ENVELOPE	Max	0.	1.4964	2.6758	0.099
2114	2114-6	~45	ENVELOPE	Max	0.	22.1559	3.7093	0.1325
2114	2114-6	~43	ENVELOPE	Min	0.	-15.7676	-3.1627	-0.3335
2114	2114-6	~42	ENVELOPE	Min	0.	-1.5875	-2.6269	-0.9015
2114	2114-6	~44	ENVELOPE	Min	0.	-2.3824	-3.9773	-1.7656
2114	2114-6	~45	ENVELOPE	Min	0.	-16.2589	-2.2559	-0.9978
2114	2114-7	~45	ENVELOPE	Max	0.	22.036	3.1098	0.3218
2114	2114-7	~44	ENVELOPE	Max	0.	1.5158	2.7729	1.1732
2114	2114-7	~46	ENVELOPE	Max	0.	2.2165	5.2237	1.8891
2114	2114-7	~47	ENVELOPE	Max	0.	12.1665	1.6508	1.0377
2114	2114-7	~45	ENVELOPE	Min	0.	-16.327	-2.5964	-1.3648
2114	2114-7	~44	ENVELOPE	Min	0.	-2.3488	-3.8094	-3.1998
2114	2114-7	~46	ENVELOPE	Min	0.	-1.0374	-1.8047	-3.7855
2114	2114-7	~47	ENVELOPE	Min	0.	-11.8532	0.7184	-1.9505
2114	2114-8	~47	ENVELOPE	Max	0.	12.0385	1.0111	1.2586
2114	2114-8	~46	ENVELOPE	Max	0.	2.2108	5.1954	3.3127
2114	2114-8	~1	ENVELOPE	Max	0.	0.7055	10.5202	4.6667
2114	2114-8	2042	ENVELOPE	Max	0.	5.9899	3.7888	2.6125
2114	2114-8	~47	ENVELOPE	Min	0.	-11.8817	0.576	-2.0044
2114	2114-8	~46	ENVELOPE	Min	0.	-0.9939	-1.5871	-3.6109
2114	2114-8	~1	ENVELOPE	Min	0.	0.4439	5.5938	-2.0018
2114	2114-8	2042	ENVELOPE	Min	0.	-0.6034	0.5284	-0.3953
2114	2114-9	~33	ENVELOPE	Max	0.	0.905	0.0387	0.6368
2114	2114-9	~48	ENVELOPE	Max	0.	1.613	0.008	0.3348
2114	2114-9	~49	ENVELOPE	Max	0.	2.2289	-0.0939	0.7339
2114	2114-9	~34	ENVELOPE	Max	0.	0.3975	0.2869	1.0359
2114	2114-9	~33	ENVELOPE	Min	0.	-0.4999	-0.1215	-0.4966
2114	2114-9	~48	ENVELOPE	Min	0.	-4.9539	-0.0148	-0.3028
2114	2114-9	~49	ENVELOPE	Min	0.	-5.847	-0.2936	-0.479
2114	2114-9	~34	ENVELOPE	Min	0.	-0.266	-0.1868	-0.6727
2114	2114-10	~34	ENVELOPE	Max	0.	0.3822	0.2103	1.3953
2114	2114-10	~49	ENVELOPE	Max	0.	2.2267	-0.1049	0.964
2114	2114-10	~50	ENVELOPE	Max	0.	3.4222	0.2554	1.1484
2114	2114-10	~36	ENVELOPE	Max	0.	0.1095	0.2234	1.5798
2114	2114-10	~34	ENVELOPE	Min	0.	-0.2593	-0.1533	-0.8778
2114	2114-10	~49	ENVELOPE	Min	0.	-5.8397	-0.2572	-0.6105
2114	2114-10	~50	ENVELOPE	Min	0.	-7.7973	-1.2353	-0.7431
2114	2114-10	~36	ENVELOPE	Min	0.	-0.1414	-0.2596	-1.0104
2114	2114-11	~36	ENVELOPE	Max	0.	0.1029	0.1903	1.6588
2114	2114-11	~50	ENVELOPE	Max	0.	3.4199	0.2441	1.2016
2114	2114-11	~51	ENVELOPE	Max	0.	4.9256	0.7951	1.164
2114	2114-11	~38	ENVELOPE	Max	0.	-0.0705	-0.1862	1.6212
2114	2114-11	~36	ENVELOPE	Min	0.	-0.1382	-0.2436	-1.1184
2114	2114-11	~50	ENVELOPE	Min	0.	-7.7916	-1.2068	-0.8111
2114	2114-11	~51	ENVELOPE	Min	0.	-10.045	-2.6261	-0.8606
2114	2114-11	~38	ENVELOPE	Min	0.	-0.1832	-0.2885	-1.168
2114	2114-12	~38	ENVELOPE	Max	0.	-0.062	-0.1436	1.4488
2114	2114-12	~51	ENVELOPE	Max	0.	4.922	0.777	1.0565
2114	2114-12	~52	ENVELOPE	Max	0.	6.5085	1.7045	0.7767
2114	2114-12	~40	ENVELOPE	Max	0.	0.1187	0.1166	1.169
2114	2114-12	~38	ENVELOPE	Min	0.	-0.1954	-0.3496	-1.1894
2114	2114-12	~51	ENVELOPE	Min	0.	-10.0378	-2.59	-0.8655
2114	2114-12	~52	ENVELOPE	Min	0.	-11.9586	-4.5822	-0.8176
2114	2114-12	~40	ENVELOPE	Min	0.	-0.7037	-1.2385	-1.1414
2114	2114-13	~40	ENVELOPE	Max	0.	0.1336	0.191	0.6123

2114	2114-13	~52	ENVELOPE	Max	0.	6.5016	1.67	0.4578
2114	2114-13	~53	ENVELOPE	Max	0.	7.826	3.3342	-0.1671
2114	2114-13	~42	ENVELOPE	Max	0.	0.5689	0.8785	-0.0126
2114	2114-13	~40	ENVELOPE	Min	0.	-0.7129	-1.2844	-0.9963
2114	2114-13	~52	ENVELOPE	Min	0.	-11.95	-4.5391	-0.7233
2114	2114-13	~53	ENVELOPE	Min	0.	-12.6314	-6.8943	-0.4753
2114	2114-13	~42	ENVELOPE	Min	0.	-1.5008	-2.6271	-0.7483
2114	2114-14	~42	ENVELOPE	Max	0.	0.5936	1.0018	-0.2621
2114	2114-14	~53	ENVELOPE	Max	0.	7.8152	3.2801	-0.194
2114	2114-14	~54	ENVELOPE	Max	0.	8.1747	5.845	0.3528
2114	2114-14	~44	ENVELOPE	Max	0.	1.3994	2.6564	0.2848
2114	2114-14	~42	ENVELOPE	Min	0.	-1.4971	-2.6088	-1.0736
2114	2114-14	~53	ENVELOPE	Min	0.	-12.6268	-6.8714	-0.7276
2114	2114-14	~54	ENVELOPE	Min	0.	-10.9126	-8.0158	-1.6233
2114	2114-14	~44	ENVELOPE	Min	0.	-2.0669	-3.9142	-1.9693
2114	2114-15	~44	ENVELOPE	Max	0.	1.4188	2.7534	1.2386
2114	2114-15	~54	ENVELOPE	Max	0.	8.1657	5.8003	0.8143
2114	2114-15	~55	ENVELOPE	Max	0.	6.6077	8.3224	1.6175
2114	2114-15	~46	ENVELOPE	Max	0.	1.9607	5.1725	2.0418
2114	2114-15	~44	ENVELOPE	Min	0.	-2.0334	-3.7463	-3.1926
2114	2114-15	~54	ENVELOPE	Min	0.	-10.9252	-8.0786	-2.2338
2114	2114-15	~55	ENVELOPE	Min	0.	-5.5227	-3.0673	-2.8323
2114	2114-15	~46	ENVELOPE	Min	0.	-1.536	-1.9044	-3.7912
2114	2114-16	~46	ENVELOPE	Max	0.	1.955	5.1442	3.294
2114	2114-16	~55	ENVELOPE	Max	0.	6.6067	8.3174	2.1569
2114	2114-16	~11	ENVELOPE	Max	0.	2.3982	19.1643	3.0685
2114	2114-16	~1	ENVELOPE	Max	0.	1.9316	10.8178	4.2055
2114	2114-16	~46	ENVELOPE	Min	0.	-1.4924	-1.6868	-3.7211
2114	2114-16	~55	ENVELOPE	Min	0.	-5.5737	-3.322	-2.9099
2114	2114-16	~11	ENVELOPE	Min	0.	1.8317	8.136	-1.3626
2114	2114-16	~1	ENVELOPE	Min	0.	0.8524	5.6232	-2.1737
2114	2114-17	~48	ENVELOPE	Max	0.	1.6262	0.0107	0.1829
2114	2114-17	~56	ENVELOPE	Max	0.	1.6262	0.0107	0.1344
2114	2114-17	~57	ENVELOPE	Max	0.	2.2406	-0.0916	0.1344
2114	2114-17	~49	ENVELOPE	Max	0.	2.2406	-0.0916	0.1829
2114	2114-17	~48	ENVELOPE	Min	0.	-4.9554	-0.0151	-0.1344
2114	2114-17	~56	ENVELOPE	Min	0.	-4.9554	-0.0151	-0.1829
2114	2114-17	~57	ENVELOPE	Min	0.	-5.8762	-0.2995	-0.1829
2114	2114-17	~49	ENVELOPE	Min	0.	-5.8762	-0.2995	-0.1344
2114	2114-18	~49	ENVELOPE	Max	0.	2.2384	-0.1026	0.3678
2114	2114-18	~57	ENVELOPE	Max	0.	2.2384	-0.1026	0.2368
2114	2114-18	~58	ENVELOPE	Max	0.	3.4289	0.2568	0.2368
2114	2114-18	~50	ENVELOPE	Max	0.	3.4289	0.2568	0.3678
2114	2114-18	~49	ENVELOPE	Min	0.	-5.869	-0.263	-0.2368
2114	2114-18	~57	ENVELOPE	Min	0.	-5.869	-0.263	-0.3678
2114	2114-18	~58	ENVELOPE	Min	0.	-7.8009	-1.236	-0.3678
2114	2114-18	~50	ENVELOPE	Min	0.	-7.8009	-1.236	-0.2368
2114	2114-19	~50	ENVELOPE	Max	0.	3.4267	0.2454	0.4143
2114	2114-19	~58	ENVELOPE	Max	0.	3.4267	0.2454	0.2938
2114	2114-19	~59	ENVELOPE	Max	0.	4.9245	0.7949	0.2938
2114	2114-19	~51	ENVELOPE	Max	0.	4.9245	0.7949	0.4143
2114	2114-19	~50	ENVELOPE	Min	0.	-7.7952	-1.2075	-0.2938
2114	2114-19	~58	ENVELOPE	Min	0.	-7.7952	-1.2075	-0.4143
2114	2114-19	~59	ENVELOPE	Min	0.	-10.0354	-2.6242	-0.4143
2114	2114-19	~51	ENVELOPE	Min	0.	-10.0354	-2.6242	-0.2938
2114	2114-20	~51	ENVELOPE	Max	0.	4.9208	0.7768	0.3182
2114	2114-20	~59	ENVELOPE	Max	0.	4.9208	0.7768	0.2949
2114	2114-20	~60	ENVELOPE	Max	0.	6.499	1.7026	0.2949

2114	2114-20	~52	ENVELOPE	Max	0.	6.499	1.7026	0.3182
2114	2114-20	~51	ENVELOPE	Min	0.	-10.0282	-2.5881	-0.2949
2114	2114-20	~59	ENVELOPE	Min	0.	-10.0282	-2.5881	-0.3182
2114	2114-20	~60	ENVELOPE	Min	0.	-11.9287	-4.5762	-0.3182
2114	2114-20	~52	ENVELOPE	Min	0.	-11.9287	-4.5762	-0.2949
2114	2114-21	~52	ENVELOPE	Max	0.	6.4921	1.6681	0.045
2114	2114-21	~60	ENVELOPE	Max	0.	6.4921	1.6681	0.2069
2114	2114-21	~61	ENVELOPE	Max	0.	7.8017	3.3293	0.2069
2114	2114-21	~53	ENVELOPE	Max	0.	7.8017	3.3293	0.045
2114	2114-21	~52	ENVELOPE	Min	0.	-11.9201	-4.5331	-0.2069
2114	2114-21	~60	ENVELOPE	Min	0.	-11.9201	-4.5331	-0.045
2114	2114-21	~61	ENVELOPE	Min	0.	-12.6036	-6.8888	-0.045
2114	2114-21	~53	ENVELOPE	Min	0.	-12.6036	-6.8888	-0.2069
2114	2114-22	~53	ENVELOPE	Max	0.	7.7909	3.2753	0.0345
2114	2114-22	~61	ENVELOPE	Max	0.	7.7909	3.2753	0.4218
2114	2114-22	~62	ENVELOPE	Max	0.	8.1403	5.8381	0.4218
2114	2114-22	~54	ENVELOPE	Max	0.	8.1403	5.8381	0.0345
2114	2114-22	~53	ENVELOPE	Min	0.	-12.599	-6.8658	-0.4218
2114	2114-22	~61	ENVELOPE	Min	0.	-12.599	-6.8658	-0.0345
2114	2114-22	~62	ENVELOPE	Min	0.	-10.8335	-8.	-0.0345
2114	2114-22	~54	ENVELOPE	Min	0.	-10.8335	-8.	-0.4218
2114	2114-23	~54	ENVELOPE	Max	0.	8.1314	5.7935	0.427
2114	2114-23	~62	ENVELOPE	Max	0.	8.1314	5.7935	0.8761
2114	2114-23	~63	ENVELOPE	Max	0.	6.6207	8.325	0.8761
2114	2114-23	~55	ENVELOPE	Max	0.	6.6207	8.325	0.427
2114	2114-23	~54	ENVELOPE	Min	0.	-10.8461	-8.0628	-0.8761
2114	2114-23	~62	ENVELOPE	Min	0.	-10.8461	-8.0628	-0.427
2114	2114-23	~63	ENVELOPE	Min	0.	-5.7167	-3.1061	-0.427
2114	2114-23	~55	ENVELOPE	Min	0.	-5.7167	-3.1061	-0.8761
2114	2114-24	~55	ENVELOPE	Max	0.	6.6197	8.32	0.9172
2114	2114-24	~63	ENVELOPE	Max	0.	6.6197	8.32	0.7953
2114	2114-24	~17	ENVELOPE	Max	0.	2.5216	19.3023	0.7953
2114	2114-24	~11	ENVELOPE	Max	0.	2.5216	19.3023	0.9172
2114	2114-24	~55	ENVELOPE	Min	0.	-5.7676	-3.3608	-0.7953
2114	2114-24	~63	ENVELOPE	Min	0.	-5.7676	-3.3608	-0.9172
2114	2114-24	~17	ENVELOPE	Min	0.	2.2446	8.1053	-0.9172
2114	2114-24	~11	ENVELOPE	Min	0.	2.2446	8.1053	-0.7953
2114	2114-25	~56	ENVELOPE	Max	0.	1.613	0.008	0.3028
2114	2114-25	~64	ENVELOPE	Max	0.	0.905	0.0387	0.4966
2114	2114-25	~65	ENVELOPE	Max	0.	0.3975	0.2869	0.6727
2114	2114-25	~57	ENVELOPE	Max	0.	2.2289	-0.0939	0.479
2114	2114-25	~56	ENVELOPE	Min	0.	-4.9539	-0.0148	-0.3348
2114	2114-25	~64	ENVELOPE	Min	0.	-0.4999	-0.1215	-0.6368
2114	2114-25	~65	ENVELOPE	Min	0.	-0.266	-0.1868	-1.0359
2114	2114-25	~57	ENVELOPE	Min	0.	-5.847	-0.2936	-0.7339
2114	2114-26	~57	ENVELOPE	Max	0.	2.2267	-0.1049	0.6105
2114	2114-26	~65	ENVELOPE	Max	0.	0.3822	0.2103	0.8778
2114	2114-26	~66	ENVELOPE	Max	0.	0.1095	0.2234	1.0104
2114	2114-26	~58	ENVELOPE	Max	0.	3.4222	0.2554	0.7431
2114	2114-26	~57	ENVELOPE	Min	0.	-5.8397	-0.2572	-0.964
2114	2114-26	~65	ENVELOPE	Min	0.	-0.2593	-0.1533	-1.3953
2114	2114-26	~66	ENVELOPE	Min	0.	-0.1414	-0.2596	-1.5798
2114	2114-26	~58	ENVELOPE	Min	0.	-7.7973	-1.2353	-1.1484
2114	2114-27	~58	ENVELOPE	Max	0.	3.4199	0.2441	0.8111
2114	2114-27	~66	ENVELOPE	Max	0.	0.1029	0.1903	1.1184
2114	2114-27	~67	ENVELOPE	Max	0.	-0.0705	-0.1862	1.168
2114	2114-27	~59	ENVELOPE	Max	0.	4.9256	0.7951	0.8606
2114	2114-27	~58	ENVELOPE	Min	0.	-7.7916	-1.2068	-1.2016

2114	2114-27	~66	ENVELOPE	Min	0.	-0.1382	-0.2436	-1.6588
2114	2114-27	~67	ENVELOPE	Min	0.	-0.1832	-0.2885	-1.6212
2114	2114-27	~59	ENVELOPE	Min	0.	-10.045	-2.6261	-1.164
2114	2114-28	~59	ENVELOPE	Max	0.	4.922	0.777	0.8655
2114	2114-28	~67	ENVELOPE	Max	0.	-0.062	-0.1436	1.1894
2114	2114-28	~68	ENVELOPE	Max	0.	0.1187	0.1166	1.1414
2114	2114-28	~60	ENVELOPE	Max	0.	6.5085	1.7045	0.8176
2114	2114-28	~59	ENVELOPE	Min	0.	-10.0378	-2.59	-1.0565
2114	2114-28	~67	ENVELOPE	Min	0.	-0.1954	-0.3496	-1.4488
2114	2114-28	~68	ENVELOPE	Min	0.	-0.7037	-1.2385	-1.169
2114	2114-28	~60	ENVELOPE	Min	0.	-11.9586	-4.5822	-0.7767
2114	2114-29	~60	ENVELOPE	Max	0.	6.5016	1.67	0.7233
2114	2114-29	~68	ENVELOPE	Max	0.	0.1336	0.191	0.9963
2114	2114-29	~69	ENVELOPE	Max	0.	0.5689	0.8785	0.7483
2114	2114-29	~61	ENVELOPE	Max	0.	7.826	3.3342	0.4753
2114	2114-29	~60	ENVELOPE	Min	0.	-11.95	-4.5391	-0.4578
2114	2114-29	~68	ENVELOPE	Min	0.	-0.7129	-1.2844	-0.6123
2114	2114-29	~69	ENVELOPE	Min	0.	-1.5008	-2.6271	0.0126
2114	2114-29	~61	ENVELOPE	Min	0.	-12.6314	-6.8943	0.1671
2114	2114-30	~61	ENVELOPE	Max	0.	7.8152	3.2801	0.7276
2114	2114-30	~69	ENVELOPE	Max	0.	0.5936	1.0018	1.0736
2114	2114-30	~70	ENVELOPE	Max	0.	1.3994	2.6564	1.9693
2114	2114-30	~62	ENVELOPE	Max	0.	8.1747	5.845	1.6233
2114	2114-30	~61	ENVELOPE	Min	0.	-12.6268	-6.8714	0.194
2114	2114-30	~69	ENVELOPE	Min	0.	-1.4971	-2.6088	0.2621
2114	2114-30	~70	ENVELOPE	Min	0.	-2.0669	-3.9142	-0.2848
2114	2114-30	~62	ENVELOPE	Min	0.	-10.9126	-8.0158	-0.3528
2114	2114-31	~62	ENVELOPE	Max	0.	8.1657	5.8003	2.2338
2114	2114-31	~70	ENVELOPE	Max	0.	1.4188	2.7534	3.1926
2114	2114-31	~71	ENVELOPE	Max	0.	1.9607	5.1725	3.7912
2114	2114-31	~63	ENVELOPE	Max	0.	6.6077	8.3224	2.8323
2114	2114-31	~62	ENVELOPE	Min	0.	-10.9252	-8.0786	-0.8143
2114	2114-31	~70	ENVELOPE	Min	0.	-2.0334	-3.7463	-1.2386
2114	2114-31	~71	ENVELOPE	Min	0.	-1.536	-1.9044	-2.0418
2114	2114-31	~63	ENVELOPE	Min	0.	-5.5227	-3.0673	-1.6175
2114	2114-32	~63	ENVELOPE	Max	0.	6.6067	8.3174	2.9099
2114	2114-32	~71	ENVELOPE	Max	0.	1.955	5.1442	3.7211
2114	2114-32	~23	ENVELOPE	Max	0.	1.9316	10.8178	2.1737
2114	2114-32	~17	ENVELOPE	Max	0.	2.3982	19.1643	1.3626
2114	2114-32	~63	ENVELOPE	Min	0.	-5.5737	-3.322	-2.1569
2114	2114-32	~71	ENVELOPE	Min	0.	-1.4924	-1.6868	-3.294
2114	2114-32	~23	ENVELOPE	Min	0.	0.8524	5.6232	-4.2055
2114	2114-32	~17	ENVELOPE	Min	0.	1.8317	8.136	-3.0685
2114	2114-33	~64	ENVELOPE	Max	0.	1.1035	0.0114	0.6105
2114	2114-33	3	ENVELOPE	Max	0.	7.9502	0.4803	0.2824
2114	2114-33	~72	ENVELOPE	Max	0.	11.3045	1.914	0.3821
2114	2114-33	~65	ENVELOPE	Max	0.	0.4003	0.2875	0.7103
2114	2114-33	~64	ENVELOPE	Min	0.	-0.6359	-0.0818	-0.8591
2114	2114-33	3	ENVELOPE	Min	0.	-2.1188	-0.1458	-0.3742
2114	2114-33	~72	ENVELOPE	Min	0.	-4.1805	-0.6226	-0.6533
2114	2114-33	~65	ENVELOPE	Min	0.	-0.259	-0.1854	-1.1383
2114	2114-34	~65	ENVELOPE	Max	0.	0.385	0.2109	0.9029
2114	2114-34	~72	ENVELOPE	Max	0.	11.357	2.1764	0.3988
2114	2114-34	~73	ENVELOPE	Max	0.	15.591	3.1587	0.4738
2114	2114-34	~66	ENVELOPE	Max	0.	0.1252	0.2265	0.978
2114	2114-34	~65	ENVELOPE	Min	0.	-0.2523	-0.1519	-1.4622
2114	2114-34	~72	ENVELOPE	Min	0.	-4.2033	-0.7365	-0.6631
2114	2114-34	~73	ENVELOPE	Min	0.	-6.8396	-1.4386	-0.743

2114	2114-34	~66	ENVELOPE	Min	0.	-0.16	-0.2633	-1.5422
2114	2114-35	~66	ENVELOPE	Max	0.	0.1186	0.1934	1.0864
2114	2114-35	~73	ENVELOPE	Max	0.	15.5975	3.1914	0.4852
2114	2114-35	~74	ENVELOPE	Max	0.	20.0653	3.8453	0.537
2114	2114-35	~67	ENVELOPE	Max	0.	-0.0729	-0.1867	1.1382
2114	2114-35	~66	ENVELOPE	Min	0.	-0.1568	-0.2473	-1.6275
2114	2114-35	~73	ENVELOPE	Min	0.	-6.8443	-1.4618	-0.756
2114	2114-35	~74	ENVELOPE	Min	0.	-9.8665	-2.0158	-0.7588
2114	2114-35	~67	ENVELOPE	Min	0.	-0.1987	-0.2916	-1.6303
2114	2114-36	~67	ENVELOPE	Max	0.	-0.0643	-0.1441	1.1639
2114	2114-36	~74	ENVELOPE	Max	0.	20.1037	4.0374	0.5452
2114	2114-36	~75	ENVELOPE	Max	0.	23.9063	4.3638	0.526
2114	2114-36	~68	ENVELOPE	Max	0.	0.1295	0.1188	1.1447
2114	2114-36	~67	ENVELOPE	Min	0.	-0.2109	-0.3527	-1.4596
2114	2114-36	~74	ENVELOPE	Min	0.	-9.8943	-2.1552	-0.7492
2114	2114-36	~75	ENVELOPE	Min	0.	-13.0399	-2.5637	-0.5426
2114	2114-36	~68	ENVELOPE	Min	0.	-0.7724	-1.2523	-1.2531
2114	2114-37	~68	ENVELOPE	Max	0.	0.1443	0.1931	0.9969
2114	2114-37	~75	ENVELOPE	Max	0.	23.9267	4.4657	0.517
2114	2114-37	~76	ENVELOPE	Max	0.	25.3628	4.235	0.3791
2114	2114-37	~69	ENVELOPE	Max	0.	0.6247	0.8897	0.859
2114	2114-37	~68	ENVELOPE	Min	0.	-0.7815	-1.2981	-0.6788
2114	2114-37	~75	ENVELOPE	Min	0.	-13.0845	-2.7864	-0.4794
2114	2114-37	~76	ENVELOPE	Min	0.	-15.6768	-2.7091	-0.0055
2114	2114-37	~69	ENVELOPE	Min	0.	-1.5912	-2.6452	-0.205
2114	2114-38	~69	ENVELOPE	Max	0.	0.6494	1.013	0.9015
2114	2114-38	~76	ENVELOPE	Max	0.	25.3554	4.1978	0.3335
2114	2114-38	~77	ENVELOPE	Max	0.	22.1559	3.7093	0.9978
2114	2114-38	~70	ENVELOPE	Max	0.	1.4964	2.6758	1.7656
2114	2114-38	~69	ENVELOPE	Min	0.	-1.5875	-2.6269	0.367
2114	2114-38	~76	ENVELOPE	Min	0.	-15.7676	-3.1627	0.1337
2114	2114-38	~77	ENVELOPE	Min	0.	-16.2589	-2.2559	-0.1325
2114	2114-38	~70	ENVELOPE	Min	0.	-2.3824	-3.9773	-0.099
2114	2114-39	~70	ENVELOPE	Max	0.	1.5158	2.7729	3.1998
2114	2114-39	~77	ENVELOPE	Max	0.	22.036	3.1098	1.3648
2114	2114-39	~78	ENVELOPE	Max	0.	12.1665	1.6508	1.9505
2114	2114-39	~71	ENVELOPE	Max	0.	2.2165	5.2237	3.7855
2114	2114-39	~70	ENVELOPE	Min	0.	-2.3488	-3.8094	-1.1732
2114	2114-39	~77	ENVELOPE	Min	0.	-16.327	-2.5964	-0.3218
2114	2114-39	~78	ENVELOPE	Min	0.	-11.8532	0.7184	-1.0377
2114	2114-39	~71	ENVELOPE	Min	0.	-1.0374	-1.8047	-1.8891
2114	2114-40	~71	ENVELOPE	Max	0.	2.2108	5.1954	3.6109
2114	2114-40	~78	ENVELOPE	Max	0.	12.0385	1.0111	2.0044
2114	2114-40	2045	ENVELOPE	Max	0.	5.9899	3.7888	0.3953
2114	2114-40	~23	ENVELOPE	Max	0.	0.7055	10.5202	2.0018
2114	2114-40	~71	ENVELOPE	Min	0.	-0.9939	-1.5871	-3.3127
2114	2114-40	~78	ENVELOPE	Min	0.	-11.8817	0.576	-1.2586
2114	2114-40	2045	ENVELOPE	Min	0.	-0.6034	0.5284	-2.6125
2114	2114-40	~23	ENVELOPE	Min	0.	0.4439	5.5938	-4.6667
2214	2214-1	3	ENVELOPE	Max	0.	7.9502	0.4803	0.3742
2214	2214-1	~79	ENVELOPE	Max	0.	1.1035	0.0114	0.8591
2214	2214-1	~80	ENVELOPE	Max	0.	0.4003	0.2875	1.1383
2214	2214-1	~72	ENVELOPE	Max	0.	11.3045	1.914	0.6533
2214	2214-1	3	ENVELOPE	Min	0.	-2.1188	-0.1458	-0.2824
2214	2214-1	~79	ENVELOPE	Min	0.	-0.6359	-0.0818	-0.6105
2214	2214-1	~80	ENVELOPE	Min	0.	-0.259	-0.1854	-0.7103
2214	2214-1	~72	ENVELOPE	Min	0.	-4.1805	-0.6226	-0.3821
2214	2214-2	~72	ENVELOPE	Max	0.	11.357	2.1764	0.6631

2214	2214-2	~80	ENVELOPE	Max	0.	0.385	0.2109	1.4622
2214	2214-2	~81	ENVELOPE	Max	0.	0.1252	0.2265	1.5422
2214	2214-2	~73	ENVELOPE	Max	0.	15.591	3.1587	0.743
2214	2214-2	~72	ENVELOPE	Min	0.	-4.2033	-0.7365	-0.3988
2214	2214-2	~80	ENVELOPE	Min	0.	-0.2523	-0.1519	-0.9029
2214	2214-2	~81	ENVELOPE	Min	0.	-0.16	-0.2633	-0.978
2214	2214-2	~73	ENVELOPE	Min	0.	-6.8396	-1.4386	-0.4738
2214	2214-3	~73	ENVELOPE	Max	0.	15.5975	3.1914	0.756
2214	2214-3	~81	ENVELOPE	Max	0.	0.1186	0.1934	1.6275
2214	2214-3	~82	ENVELOPE	Max	0.	-0.0729	-0.1867	1.6303
2214	2214-3	~74	ENVELOPE	Max	0.	20.0653	3.8453	0.7588
2214	2214-3	~73	ENVELOPE	Min	0.	-6.8443	-1.4618	-0.4852
2214	2214-3	~81	ENVELOPE	Min	0.	-0.1568	-0.2473	-1.0864
2214	2214-3	~82	ENVELOPE	Min	0.	-0.1987	-0.2916	-1.1382
2214	2214-3	~74	ENVELOPE	Min	0.	-9.8665	-2.0158	-0.537
2214	2214-4	~74	ENVELOPE	Max	0.	20.1037	4.0374	0.7492
2214	2214-4	~82	ENVELOPE	Max	0.	-0.0643	-0.1441	1.4596
2214	2214-4	~83	ENVELOPE	Max	0.	0.1295	0.1188	1.2531
2214	2214-4	~75	ENVELOPE	Max	0.	23.9063	4.3638	0.5426
2214	2214-4	~74	ENVELOPE	Min	0.	-9.8943	-2.1552	-0.5452
2214	2214-4	~82	ENVELOPE	Min	0.	-0.2109	-0.3527	-1.1639
2214	2214-4	~83	ENVELOPE	Min	0.	-0.7724	-1.2523	-1.1447
2214	2214-4	~75	ENVELOPE	Min	0.	-13.0399	-2.5637	-0.526
2214	2214-5	~75	ENVELOPE	Max	0.	23.9267	4.4657	0.4794
2214	2214-5	~83	ENVELOPE	Max	0.	0.1443	0.1931	0.6788
2214	2214-5	~84	ENVELOPE	Max	0.	0.6247	0.8897	0.205
2214	2214-5	~76	ENVELOPE	Max	0.	25.3628	4.235	0.0055
2214	2214-5	~75	ENVELOPE	Min	0.	-13.0845	-2.7864	-0.517
2214	2214-5	~83	ENVELOPE	Min	0.	-0.7815	-1.2981	-0.9969
2214	2214-5	~84	ENVELOPE	Min	0.	-1.5912	-2.6452	-0.859
2214	2214-5	~76	ENVELOPE	Min	0.	-15.6768	-2.7091	-0.3791
2214	2214-6	~76	ENVELOPE	Max	0.	25.3554	4.1978	-0.1337
2214	2214-6	~84	ENVELOPE	Max	0.	0.6494	1.013	-0.367
2214	2214-6	~85	ENVELOPE	Max	0.	1.4964	2.6758	0.099
2214	2214-6	~77	ENVELOPE	Max	0.	22.1559	3.7093	0.1325
2214	2214-6	~76	ENVELOPE	Min	0.	-15.7676	-3.1627	-0.3335
2214	2214-6	~84	ENVELOPE	Min	0.	-1.5875	-2.6269	-0.9015
2214	2214-6	~85	ENVELOPE	Min	0.	-2.3824	-3.9773	-1.7656
2214	2214-6	~77	ENVELOPE	Min	0.	-16.2589	-2.2559	-0.9978
2214	2214-7	~77	ENVELOPE	Max	0.	22.036	3.1098	0.3218
2214	2214-7	~85	ENVELOPE	Max	0.	1.5158	2.7729	1.1732
2214	2214-7	~86	ENVELOPE	Max	0.	2.2165	5.2237	1.8891
2214	2214-7	~78	ENVELOPE	Max	0.	12.1665	1.6508	1.0377
2214	2214-7	~77	ENVELOPE	Min	0.	-16.327	-2.5964	-1.3648
2214	2214-7	~85	ENVELOPE	Min	0.	-2.3488	-3.8094	-3.1998
2214	2214-7	~86	ENVELOPE	Min	0.	-1.0374	-1.8047	-3.7855
2214	2214-7	~78	ENVELOPE	Min	0.	-11.8532	0.7184	-1.9505
2214	2214-8	~78	ENVELOPE	Max	0.	12.0385	1.0111	1.2586
2214	2214-8	~86	ENVELOPE	Max	0.	2.2108	5.1954	3.3127
2214	2214-8	~29	ENVELOPE	Max	0.	0.7055	10.5202	4.6667
2214	2214-8	2045	ENVELOPE	Max	0.	5.9899	3.7888	2.6125
2214	2214-8	~78	ENVELOPE	Min	0.	-11.8817	0.576	-2.0044
2214	2214-8	~86	ENVELOPE	Min	0.	-0.9939	-1.5871	-3.6109
2214	2214-8	~29	ENVELOPE	Min	0.	0.4439	5.5938	-2.0018
2214	2214-8	2045	ENVELOPE	Min	0.	-0.6034	0.5284	-0.3953
2214	2214-9	~79	ENVELOPE	Max	0.	0.905	0.0387	0.6368
2214	2214-9	~87	ENVELOPE	Max	0.	1.613	0.008	0.3348
2214	2214-9	~88	ENVELOPE	Max	0.	2.2289	-0.0939	0.7339

2214	2214-9	~80	ENVELOPE	Max	0.	0.3975	0.2869	1.0359
2214	2214-9	~79	ENVELOPE	Min	0.	-0.4999	-0.1215	-0.4966
2214	2214-9	~87	ENVELOPE	Min	0.	-4.9539	-0.0148	-0.3028
2214	2214-9	~88	ENVELOPE	Min	0.	-5.847	-0.2936	-0.479
2214	2214-9	~80	ENVELOPE	Min	0.	-0.266	-0.1868	-0.6727
2214	2214-10	~80	ENVELOPE	Max	0.	0.3822	0.2103	1.3953
2214	2214-10	~88	ENVELOPE	Max	0.	2.2267	-0.1049	0.964
2214	2214-10	~89	ENVELOPE	Max	0.	3.4222	0.2554	1.1484
2214	2214-10	~81	ENVELOPE	Max	0.	0.1095	0.2234	1.5798
2214	2214-10	~80	ENVELOPE	Min	0.	-0.2593	-0.1533	-0.8778
2214	2214-10	~88	ENVELOPE	Min	0.	-5.8397	-0.2572	-0.6105
2214	2214-10	~89	ENVELOPE	Min	0.	-7.7973	-1.2353	-0.7431
2214	2214-10	~81	ENVELOPE	Min	0.	-0.1414	-0.2596	-1.0104
2214	2214-11	~81	ENVELOPE	Max	0.	0.1029	0.1903	1.6588
2214	2214-11	~89	ENVELOPE	Max	0.	3.4199	0.2441	1.2016
2214	2214-11	~90	ENVELOPE	Max	0.	4.9256	0.7951	1.164
2214	2214-11	~82	ENVELOPE	Max	0.	-0.0705	-0.1862	1.6212
2214	2214-11	~81	ENVELOPE	Min	0.	-0.1382	-0.2436	-1.1184
2214	2214-11	~89	ENVELOPE	Min	0.	-7.7916	-1.2068	-0.8111
2214	2214-11	~90	ENVELOPE	Min	0.	-10.045	-2.6261	-0.8606
2214	2214-11	~82	ENVELOPE	Min	0.	-0.1832	-0.2885	-1.168
2214	2214-12	~82	ENVELOPE	Max	0.	-0.062	-0.1436	1.4488
2214	2214-12	~90	ENVELOPE	Max	0.	4.922	0.777	1.0565
2214	2214-12	~91	ENVELOPE	Max	0.	6.5085	1.7045	0.7767
2214	2214-12	~83	ENVELOPE	Max	0.	0.1187	0.1166	1.169
2214	2214-12	~82	ENVELOPE	Min	0.	-0.1954	-0.3496	-1.1894
2214	2214-12	~90	ENVELOPE	Min	0.	-10.0378	-2.59	-0.8655
2214	2214-12	~91	ENVELOPE	Min	0.	-11.9586	-4.5822	-0.8176
2214	2214-12	~83	ENVELOPE	Min	0.	-0.7037	-1.2385	-1.1414
2214	2214-13	~83	ENVELOPE	Max	0.	0.1336	0.191	0.6123
2214	2214-13	~91	ENVELOPE	Max	0.	6.5016	1.67	0.4578
2214	2214-13	~92	ENVELOPE	Max	0.	7.826	3.3342	-0.1671
2214	2214-13	~84	ENVELOPE	Max	0.	0.5689	0.8785	-0.0126
2214	2214-13	~83	ENVELOPE	Min	0.	-0.7129	-1.2844	-0.9963
2214	2214-13	~91	ENVELOPE	Min	0.	-11.95	-4.5391	-0.7233
2214	2214-13	~92	ENVELOPE	Min	0.	-12.6314	-6.8943	-0.4753
2214	2214-13	~84	ENVELOPE	Min	0.	-1.5008	-2.6271	-0.7483
2214	2214-14	~84	ENVELOPE	Max	0.	0.5936	1.0018	-0.2621
2214	2214-14	~92	ENVELOPE	Max	0.	7.8152	3.2801	-0.194
2214	2214-14	~93	ENVELOPE	Max	0.	8.1747	5.845	0.3528
2214	2214-14	~85	ENVELOPE	Max	0.	1.3994	2.6564	0.2848
2214	2214-14	~84	ENVELOPE	Min	0.	-1.4971	-2.6088	-1.0736
2214	2214-14	~92	ENVELOPE	Min	0.	-12.6268	-6.8714	-0.7276
2214	2214-14	~93	ENVELOPE	Min	0.	-10.9126	-8.0158	-1.6233
2214	2214-14	~85	ENVELOPE	Min	0.	-2.0669	-3.9142	-1.9693
2214	2214-15	~85	ENVELOPE	Max	0.	1.4188	2.7534	1.2386
2214	2214-15	~93	ENVELOPE	Max	0.	8.1657	5.8003	0.8143
2214	2214-15	~94	ENVELOPE	Max	0.	6.6077	8.3224	1.6175
2214	2214-15	~86	ENVELOPE	Max	0.	1.9607	5.1725	2.0418
2214	2214-15	~85	ENVELOPE	Min	0.	-2.0334	-3.7463	-3.1926
2214	2214-15	~93	ENVELOPE	Min	0.	-10.9252	-8.0786	-2.2338
2214	2214-15	~94	ENVELOPE	Min	0.	-5.5227	-3.0673	-2.8323
2214	2214-15	~86	ENVELOPE	Min	0.	-1.536	-1.9044	-3.7912
2214	2214-16	~86	ENVELOPE	Max	0.	1.955	5.1442	3.294
2214	2214-16	~94	ENVELOPE	Max	0.	6.6067	8.3174	2.1569
2214	2214-16	~30	ENVELOPE	Max	0.	2.3982	19.1643	3.0685
2214	2214-16	~29	ENVELOPE	Max	0.	1.9316	10.8178	4.2055
2214	2214-16	~86	ENVELOPE	Min	0.	-1.4924	-1.6868	-3.7211

2214	2214-16	~94	ENVELOPE	Min	0.	-5.5737	-3.322	-2.9099
2214	2214-16	~30	ENVELOPE	Min	0.	1.8317	8.136	-1.3626
2214	2214-16	~29	ENVELOPE	Min	0.	0.8524	5.6232	-2.1737
2214	2214-17	~87	ENVELOPE	Max	0.	1.6262	0.0107	0.1829
2214	2214-17	~95	ENVELOPE	Max	0.	1.6262	0.0107	0.1344
2214	2214-17	~96	ENVELOPE	Max	0.	2.2406	-0.0916	0.1344
2214	2214-17	~88	ENVELOPE	Max	0.	2.2406	-0.0916	0.1829
2214	2214-17	~87	ENVELOPE	Min	0.	-4.9554	-0.0151	-0.1344
2214	2214-17	~95	ENVELOPE	Min	0.	-4.9554	-0.0151	-0.1829
2214	2214-17	~96	ENVELOPE	Min	0.	-5.8762	-0.2995	-0.1829
2214	2214-17	~88	ENVELOPE	Min	0.	-5.8762	-0.2995	-0.1344
2214	2214-18	~88	ENVELOPE	Max	0.	2.2384	-0.1026	0.3678
2214	2214-18	~96	ENVELOPE	Max	0.	2.2384	-0.1026	0.2368
2214	2214-18	~97	ENVELOPE	Max	0.	3.4289	0.2568	0.2368
2214	2214-18	~89	ENVELOPE	Max	0.	3.4289	0.2568	0.3678
2214	2214-18	~88	ENVELOPE	Min	0.	-5.869	-0.263	-0.2368
2214	2214-18	~96	ENVELOPE	Min	0.	-5.869	-0.263	-0.3678
2214	2214-18	~97	ENVELOPE	Min	0.	-7.8009	-1.236	-0.3678
2214	2214-18	~89	ENVELOPE	Min	0.	-7.8009	-1.236	-0.2368
2214	2214-19	~89	ENVELOPE	Max	0.	3.4267	0.2454	0.4143
2214	2214-19	~97	ENVELOPE	Max	0.	3.4267	0.2454	0.2938
2214	2214-19	~98	ENVELOPE	Max	0.	4.9245	0.7949	0.2938
2214	2214-19	~90	ENVELOPE	Max	0.	4.9245	0.7949	0.4143
2214	2214-19	~89	ENVELOPE	Min	0.	-7.7952	-1.2075	-0.2938
2214	2214-19	~97	ENVELOPE	Min	0.	-7.7952	-1.2075	-0.4143
2214	2214-19	~98	ENVELOPE	Min	0.	-10.0354	-2.6242	-0.4143
2214	2214-19	~90	ENVELOPE	Min	0.	-10.0354	-2.6242	-0.2938
2214	2214-20	~90	ENVELOPE	Max	0.	4.9208	0.7768	0.3182
2214	2214-20	~98	ENVELOPE	Max	0.	4.9208	0.7768	0.2949
2214	2214-20	~99	ENVELOPE	Max	0.	6.499	1.7026	0.2949
2214	2214-20	~91	ENVELOPE	Max	0.	6.499	1.7026	0.3182
2214	2214-20	~90	ENVELOPE	Min	0.	-10.0282	-2.5881	-0.2949
2214	2214-20	~98	ENVELOPE	Min	0.	-10.0282	-2.5881	-0.3182
2214	2214-20	~99	ENVELOPE	Min	0.	-11.9287	-4.5762	-0.3182
2214	2214-20	~91	ENVELOPE	Min	0.	-11.9287	-4.5762	-0.2949
2214	2214-21	~91	ENVELOPE	Max	0.	6.4921	1.6681	0.045
2214	2214-21	~99	ENVELOPE	Max	0.	6.4921	1.6681	0.2069
2214	2214-21	~100	ENVELOPE	Max	0.	7.8017	3.3293	0.2069
2214	2214-21	~92	ENVELOPE	Max	0.	7.8017	3.3293	0.045
2214	2214-21	~91	ENVELOPE	Min	0.	-11.9201	-4.5331	-0.2069
2214	2214-21	~99	ENVELOPE	Min	0.	-11.9201	-4.5331	-0.045
2214	2214-21	~100	ENVELOPE	Min	0.	-12.6036	-6.8888	-0.045
2214	2214-21	~92	ENVELOPE	Min	0.	-12.6036	-6.8888	-0.2069
2214	2214-22	~92	ENVELOPE	Max	0.	7.7909	3.2753	0.0345
2214	2214-22	~100	ENVELOPE	Max	0.	7.7909	3.2753	0.4218
2214	2214-22	~101	ENVELOPE	Max	0.	8.1403	5.8381	0.4218
2214	2214-22	~93	ENVELOPE	Max	0.	8.1403	5.8381	0.0345
2214	2214-22	~92	ENVELOPE	Min	0.	-12.599	-6.8658	-0.4218
2214	2214-22	~100	ENVELOPE	Min	0.	-12.599	-6.8658	-0.0345
2214	2214-22	~101	ENVELOPE	Min	0.	-10.8335	-8.	-0.0345
2214	2214-22	~93	ENVELOPE	Min	0.	-10.8335	-8.	-0.4218
2214	2214-23	~93	ENVELOPE	Max	0.	8.1314	5.7935	0.427
2214	2214-23	~101	ENVELOPE	Max	0.	8.1314	5.7935	0.8761
2214	2214-23	~102	ENVELOPE	Max	0.	6.6207	8.325	0.8761
2214	2214-23	~94	ENVELOPE	Max	0.	6.6207	8.325	0.427
2214	2214-23	~93	ENVELOPE	Min	0.	-10.8461	-8.0628	-0.8761
2214	2214-23	~101	ENVELOPE	Min	0.	-10.8461	-8.0628	-0.427
2214	2214-23	~102	ENVELOPE	Min	0.	-5.7167	-3.1061	-0.427

2214	2214-23	~94	ENVELOPE	Min	0.	-5.7167	-3.1061	-0.8761
2214	2214-24	~94	ENVELOPE	Max	0.	6.6197	8.32	0.9172
2214	2214-24	~102	ENVELOPE	Max	0.	6.6197	8.32	0.7953
2214	2214-24	~31	ENVELOPE	Max	0.	2.5216	19.3023	0.7953
2214	2214-24	~30	ENVELOPE	Max	0.	2.5216	19.3023	0.9172
2214	2214-24	~94	ENVELOPE	Min	0.	-5.7676	-3.3608	-0.7953
2214	2214-24	~102	ENVELOPE	Min	0.	-5.7676	-3.3608	-0.9172
2214	2214-24	~31	ENVELOPE	Min	0.	2.2446	8.1053	-0.9172
2214	2214-24	~30	ENVELOPE	Min	0.	2.2446	8.1053	-0.7953
2214	2214-25	~95	ENVELOPE	Max	0.	1.613	0.008	0.3028
2214	2214-25	~103	ENVELOPE	Max	0.	0.905	0.0387	0.4966
2214	2214-25	~104	ENVELOPE	Max	0.	0.3975	0.2869	0.6727
2214	2214-25	~96	ENVELOPE	Max	0.	2.2289	-0.0939	0.479
2214	2214-25	~95	ENVELOPE	Min	0.	-4.9539	-0.0148	-0.3348
2214	2214-25	~103	ENVELOPE	Min	0.	-0.4999	-0.1215	-0.6368
2214	2214-25	~104	ENVELOPE	Min	0.	-0.266	-0.1868	-1.0359
2214	2214-25	~96	ENVELOPE	Min	0.	-5.847	-0.2936	-0.7339
2214	2214-26	~96	ENVELOPE	Max	0.	2.2267	-0.1049	0.6105
2214	2214-26	~104	ENVELOPE	Max	0.	0.3822	0.2103	0.8778
2214	2214-26	~105	ENVELOPE	Max	0.	0.1095	0.2234	1.0104
2214	2214-26	~97	ENVELOPE	Max	0.	3.4222	0.2554	0.7431
2214	2214-26	~96	ENVELOPE	Min	0.	-5.8397	-0.2572	-0.964
2214	2214-26	~104	ENVELOPE	Min	0.	-0.2593	-0.1533	-1.3953
2214	2214-26	~105	ENVELOPE	Min	0.	-0.1414	-0.2596	-1.5798
2214	2214-26	~97	ENVELOPE	Min	0.	-7.7973	-1.2353	-1.1484
2214	2214-27	~97	ENVELOPE	Max	0.	3.4199	0.2441	0.8111
2214	2214-27	~105	ENVELOPE	Max	0.	0.1029	0.1903	1.1184
2214	2214-27	~106	ENVELOPE	Max	0.	-0.0705	-0.1862	1.168
2214	2214-27	~98	ENVELOPE	Max	0.	4.9256	0.7951	0.8606
2214	2214-27	~97	ENVELOPE	Min	0.	-7.7916	-1.2068	-1.2016
2214	2214-27	~105	ENVELOPE	Min	0.	-0.1382	-0.2436	-1.6588
2214	2214-27	~106	ENVELOPE	Min	0.	-0.1832	-0.2885	-1.6212
2214	2214-27	~98	ENVELOPE	Min	0.	-10.045	-2.6261	-1.164
2214	2214-28	~98	ENVELOPE	Max	0.	4.922	0.777	0.8655
2214	2214-28	~106	ENVELOPE	Max	0.	-0.062	-0.1436	1.1894
2214	2214-28	~107	ENVELOPE	Max	0.	0.1187	0.1166	1.1414
2214	2214-28	~99	ENVELOPE	Max	0.	6.5085	1.7045	0.8176
2214	2214-28	~98	ENVELOPE	Min	0.	-10.0378	-2.59	-1.0565
2214	2214-28	~106	ENVELOPE	Min	0.	-0.1954	-0.3496	-1.4488
2214	2214-28	~107	ENVELOPE	Min	0.	-0.7037	-1.2385	-1.169
2214	2214-28	~99	ENVELOPE	Min	0.	-11.9586	-4.5822	-0.7767
2214	2214-29	~99	ENVELOPE	Max	0.	6.5016	1.67	0.7233
2214	2214-29	~107	ENVELOPE	Max	0.	0.1336	0.191	0.9963
2214	2214-29	~108	ENVELOPE	Max	0.	0.5689	0.8785	0.7483
2214	2214-29	~100	ENVELOPE	Max	0.	7.826	3.3342	0.4753
2214	2214-29	~99	ENVELOPE	Min	0.	-11.95	-4.5391	-0.4578
2214	2214-29	~107	ENVELOPE	Min	0.	-0.7129	-1.2844	-0.6123
2214	2214-29	~108	ENVELOPE	Min	0.	-1.5008	-2.6271	0.0126
2214	2214-29	~100	ENVELOPE	Min	0.	-12.6314	-6.8943	0.1671
2214	2214-30	~100	ENVELOPE	Max	0.	7.8152	3.2801	0.7276
2214	2214-30	~108	ENVELOPE	Max	0.	0.5936	1.0018	1.0736
2214	2214-30	~109	ENVELOPE	Max	0.	1.3994	2.6564	1.9693
2214	2214-30	~101	ENVELOPE	Max	0.	8.1747	5.845	1.6233
2214	2214-30	~100	ENVELOPE	Min	0.	-12.6268	-6.8714	0.194
2214	2214-30	~108	ENVELOPE	Min	0.	-1.4971	-2.6088	0.2621
2214	2214-30	~109	ENVELOPE	Min	0.	-2.0669	-3.9142	-0.2848
2214	2214-30	~101	ENVELOPE	Min	0.	-10.9126	-8.0158	-0.3528
2214	2214-31	~101	ENVELOPE	Max	0.	8.1657	5.8003	2.2338

2214	2214-31	~109	ENVELOPE	Max	0.	1.4188	2.7534	3.1926
2214	2214-31	~110	ENVELOPE	Max	0.	1.9607	5.1725	3.7912
2214	2214-31	~102	ENVELOPE	Max	0.	6.6077	8.3224	2.8323
2214	2214-31	~101	ENVELOPE	Min	0.	-10.9252	-8.0786	-0.8143
2214	2214-31	~109	ENVELOPE	Min	0.	-2.0334	-3.7463	-1.2386
2214	2214-31	~110	ENVELOPE	Min	0.	-1.536	-1.9044	-2.0418
2214	2214-31	~102	ENVELOPE	Min	0.	-5.5227	-3.0673	-1.6175
2214	2214-32	~102	ENVELOPE	Max	0.	6.6067	8.3174	2.9099
2214	2214-32	~110	ENVELOPE	Max	0.	1.955	5.1442	3.7211
2214	2214-32	~32	ENVELOPE	Max	0.	1.9316	10.8178	2.1737
2214	2214-32	~31	ENVELOPE	Max	0.	2.3982	19.1643	1.3626
2214	2214-32	~102	ENVELOPE	Min	0.	-5.5737	-3.322	-2.1569
2214	2214-32	~110	ENVELOPE	Min	0.	-1.4924	-1.6868	-3.294
2214	2214-32	~32	ENVELOPE	Min	0.	0.8524	5.6232	-4.2055
2214	2214-32	~31	ENVELOPE	Min	0.	1.8317	8.136	-3.0685
2214	2214-33	~103	ENVELOPE	Max	0.	1.1035	0.0114	0.6105
2214	2214-33	4	ENVELOPE	Max	0.	7.9502	0.4803	0.2824
2214	2214-33	~111	ENVELOPE	Max	0.	11.3045	1.914	0.3821
2214	2214-33	~104	ENVELOPE	Max	0.	0.4003	0.2875	0.7103
2214	2214-33	~103	ENVELOPE	Min	0.	-0.6359	-0.0818	-0.8591
2214	2214-33	4	ENVELOPE	Min	0.	-2.1188	-0.1458	-0.3742
2214	2214-33	~111	ENVELOPE	Min	0.	-4.1805	-0.6226	-0.6533
2214	2214-33	~104	ENVELOPE	Min	0.	-0.259	-0.1854	-1.1383
2214	2214-34	~104	ENVELOPE	Max	0.	0.385	0.2109	0.9029
2214	2214-34	~111	ENVELOPE	Max	0.	11.357	2.1764	0.3988
2214	2214-34	~112	ENVELOPE	Max	0.	15.591	3.1587	0.4738
2214	2214-34	~105	ENVELOPE	Max	0.	0.1252	0.2265	0.978
2214	2214-34	~104	ENVELOPE	Min	0.	-0.2523	-0.1519	-1.4622
2214	2214-34	~111	ENVELOPE	Min	0.	-4.2033	-0.7365	-0.6631
2214	2214-34	~112	ENVELOPE	Min	0.	-6.8396	-1.4386	-0.743
2214	2214-34	~105	ENVELOPE	Min	0.	-0.16	-0.2633	-1.5422
2214	2214-35	~105	ENVELOPE	Max	0.	0.1186	0.1934	1.0864
2214	2214-35	~112	ENVELOPE	Max	0.	15.5975	3.1914	0.4852
2214	2214-35	~113	ENVELOPE	Max	0.	20.0653	3.8453	0.537
2214	2214-35	~106	ENVELOPE	Max	0.	-0.0729	-0.1867	1.1382
2214	2214-35	~105	ENVELOPE	Min	0.	-0.1568	-0.2473	-1.6275
2214	2214-35	~112	ENVELOPE	Min	0.	-6.8443	-1.4618	-0.756
2214	2214-35	~113	ENVELOPE	Min	0.	-9.8665	-2.0158	-0.7588
2214	2214-35	~106	ENVELOPE	Min	0.	-0.1987	-0.2916	-1.6303
2214	2214-36	~106	ENVELOPE	Max	0.	-0.0643	-0.1441	1.1639
2214	2214-36	~113	ENVELOPE	Max	0.	20.1037	4.0374	0.5452
2214	2214-36	~114	ENVELOPE	Max	0.	23.9063	4.3638	0.526
2214	2214-36	~107	ENVELOPE	Max	0.	0.1295	0.1188	1.1447
2214	2214-36	~106	ENVELOPE	Min	0.	-0.2109	-0.3527	-1.4596
2214	2214-36	~113	ENVELOPE	Min	0.	-9.8943	-2.1552	-0.7492
2214	2214-36	~114	ENVELOPE	Min	0.	-13.0399	-2.5637	-0.5426
2214	2214-36	~107	ENVELOPE	Min	0.	-0.7724	-1.2523	-1.2531
2214	2214-37	~107	ENVELOPE	Max	0.	0.1443	0.1931	0.9969
2214	2214-37	~114	ENVELOPE	Max	0.	23.9267	4.4657	0.517
2214	2214-37	~115	ENVELOPE	Max	0.	25.3628	4.235	0.3791
2214	2214-37	~108	ENVELOPE	Max	0.	0.6247	0.8897	0.859
2214	2214-37	~107	ENVELOPE	Min	0.	-0.7815	-1.2981	-0.6788
2214	2214-37	~114	ENVELOPE	Min	0.	-13.0845	-2.7864	-0.4794
2214	2214-37	~115	ENVELOPE	Min	0.	-15.6768	-2.7091	-0.0055
2214	2214-37	~108	ENVELOPE	Min	0.	-1.5912	-2.6452	-0.205
2214	2214-38	~108	ENVELOPE	Max	0.	0.6494	1.013	0.9015
2214	2214-38	~115	ENVELOPE	Max	0.	25.3554	4.1978	0.3335
2214	2214-38	~116	ENVELOPE	Max	0.	22.1559	3.7093	0.9978

2214	2214-38	~109	ENVELOPE	Max	0.	1.4964	2.6758	1.7656
2214	2214-38	~108	ENVELOPE	Min	0.	-1.5875	-2.6269	0.367
2214	2214-38	~115	ENVELOPE	Min	0.	-15.7676	-3.1627	0.1337
2214	2214-38	~116	ENVELOPE	Min	0.	-16.2589	-2.2559	-0.1325
2214	2214-38	~109	ENVELOPE	Min	0.	-2.3824	-3.9773	-0.099
2214	2214-39	~109	ENVELOPE	Max	0.	1.5158	2.7729	3.1998
2214	2214-39	~116	ENVELOPE	Max	0.	22.036	3.1098	1.3648
2214	2214-39	~117	ENVELOPE	Max	0.	12.1665	1.6508	1.9505
2214	2214-39	~110	ENVELOPE	Max	0.	2.2165	5.2237	3.7855
2214	2214-39	~109	ENVELOPE	Min	0.	-2.3488	-3.8094	-1.1732
2214	2214-39	~116	ENVELOPE	Min	0.	-16.327	-2.5964	-0.3218
2214	2214-39	~117	ENVELOPE	Min	0.	-11.8532	0.7184	-1.0377
2214	2214-39	~110	ENVELOPE	Min	0.	-1.0374	-1.8047	-1.8891
2214	2214-40	~110	ENVELOPE	Max	0.	2.2108	5.1954	3.6109
2214	2214-40	~117	ENVELOPE	Max	0.	12.0385	1.0111	2.0044
2214	2214-40	2044	ENVELOPE	Max	0.	5.9899	3.7888	0.3953
2214	2214-40	~32	ENVELOPE	Max	0.	0.7055	10.5202	2.0018
2214	2214-40	~110	ENVELOPE	Min	0.	-0.9939	-1.5871	-3.3127
2214	2214-40	~117	ENVELOPE	Min	0.	-11.8817	0.576	-1.2586
2214	2214-40	2044	ENVELOPE	Min	0.	-0.6034	0.5284	-2.6125
2214	2214-40	~32	ENVELOPE	Min	0.	0.4439	5.5938	-4.6667
2314	2314-1	2042	ENVELOPE	Max	0.	5.9899	3.7888	0.3953
2314	2314-1	~3	ENVELOPE	Max	0.	0.7055	10.5202	2.0018
2314	2314-1	~118	ENVELOPE	Max	0.	2.2108	5.1954	3.6109
2314	2314-1	~47	ENVELOPE	Max	0.	12.0385	1.0111	2.0044
2314	2314-1	2042	ENVELOPE	Min	0.	-0.6034	0.5284	-2.6125
2314	2314-1	~3	ENVELOPE	Min	0.	0.4439	5.5938	-4.6667
2314	2314-1	~118	ENVELOPE	Min	0.	-0.9939	-1.5871	-3.3127
2314	2314-1	~47	ENVELOPE	Min	0.	-11.8817	0.576	-1.2586
2314	2314-2	~47	ENVELOPE	Max	0.	12.1665	1.6508	1.9505
2314	2314-2	~118	ENVELOPE	Max	0.	2.2165	5.2237	3.7855
2314	2314-2	~119	ENVELOPE	Max	0.	1.5158	2.7729	3.1998
2314	2314-2	~45	ENVELOPE	Max	0.	22.036	3.1098	1.3648
2314	2314-2	~47	ENVELOPE	Min	0.	-11.8532	0.7184	-1.0377
2314	2314-2	~118	ENVELOPE	Min	0.	-1.0374	-1.8047	-1.8891
2314	2314-2	~119	ENVELOPE	Min	0.	-2.3488	-3.8094	-1.1732
2314	2314-2	~45	ENVELOPE	Min	0.	-16.327	-2.5964	-0.3218
2314	2314-3	~45	ENVELOPE	Max	0.	22.1559	3.7093	0.9978
2314	2314-3	~119	ENVELOPE	Max	0.	1.4964	2.6758	1.7656
2314	2314-3	~120	ENVELOPE	Max	0.	0.6494	1.013	0.9015
2314	2314-3	~43	ENVELOPE	Max	0.	25.3554	4.1978	0.3335
2314	2314-3	~45	ENVELOPE	Min	0.	-16.2589	-2.2559	-0.1325
2314	2314-3	~119	ENVELOPE	Min	0.	-2.3824	-3.9773	-0.099
2314	2314-3	~120	ENVELOPE	Min	0.	-1.5875	-2.6269	0.367
2314	2314-3	~43	ENVELOPE	Min	0.	-15.7676	-3.1627	0.1337
2314	2314-4	~43	ENVELOPE	Max	0.	25.3628	4.235	0.3791
2314	2314-4	~120	ENVELOPE	Max	0.	0.6247	0.8897	0.859
2314	2314-4	~121	ENVELOPE	Max	0.	0.1443	0.1931	0.9969
2314	2314-4	~41	ENVELOPE	Max	0.	23.9267	4.4657	0.517
2314	2314-4	~43	ENVELOPE	Min	0.	-15.6768	-2.7091	-0.0055
2314	2314-4	~120	ENVELOPE	Min	0.	-1.5912	-2.6452	-0.205
2314	2314-4	~121	ENVELOPE	Min	0.	-0.7815	-1.2981	-0.6788
2314	2314-4	~41	ENVELOPE	Min	0.	-13.0845	-2.7864	-0.4794
2314	2314-5	~41	ENVELOPE	Max	0.	23.9063	4.3638	0.526
2314	2314-5	~121	ENVELOPE	Max	0.	0.1295	0.1188	1.1447
2314	2314-5	~122	ENVELOPE	Max	0.	-0.0643	-0.1441	1.1639
2314	2314-5	~39	ENVELOPE	Max	0.	20.1037	4.0374	0.5452
2314	2314-5	~41	ENVELOPE	Min	0.	-13.0399	-2.5637	-0.5426

2314	2314-5	~121	ENVELOPE	Min	0.	-0.7724	-1.2523	-1.2531
2314	2314-5	~122	ENVELOPE	Min	0.	-0.2109	-0.3527	-1.4596
2314	2314-5	~39	ENVELOPE	Min	0.	-9.8943	-2.1552	-0.7492
2314	2314-6	~39	ENVELOPE	Max	0.	20.0653	3.8453	0.537
2314	2314-6	~122	ENVELOPE	Max	0.	-0.0729	-0.1867	1.1382
2314	2314-6	~123	ENVELOPE	Max	0.	0.1186	0.1934	1.0864
2314	2314-6	~37	ENVELOPE	Max	0.	15.5975	3.1914	0.4852
2314	2314-6	~39	ENVELOPE	Min	0.	-9.8665	-2.0158	-0.7588
2314	2314-6	~122	ENVELOPE	Min	0.	-0.1987	-0.2916	-1.6303
2314	2314-6	~123	ENVELOPE	Min	0.	-0.1568	-0.2473	-1.6275
2314	2314-6	~37	ENVELOPE	Min	0.	-6.8443	-1.4618	-0.756
2314	2314-7	~37	ENVELOPE	Max	0.	15.591	3.1587	0.4738
2314	2314-7	~123	ENVELOPE	Max	0.	0.1252	0.2265	0.978
2314	2314-7	~124	ENVELOPE	Max	0.	0.385	0.2109	0.9029
2314	2314-7	~35	ENVELOPE	Max	0.	11.357	2.1764	0.3988
2314	2314-7	~37	ENVELOPE	Min	0.	-6.8396	-1.4386	-0.743
2314	2314-7	~123	ENVELOPE	Min	0.	-0.16	-0.2633	-1.5422
2314	2314-7	~124	ENVELOPE	Min	0.	-0.2523	-0.1519	-1.4622
2314	2314-7	~35	ENVELOPE	Min	0.	-4.2033	-0.7365	-0.6631
2314	2314-8	~35	ENVELOPE	Max	0.	11.3045	1.914	0.3821
2314	2314-8	~124	ENVELOPE	Max	0.	0.4003	0.2875	0.7103
2314	2314-8	~125	ENVELOPE	Max	0.	1.1035	0.0114	0.6105
2314	2314-8	1	ENVELOPE	Max	0.	7.9502	0.4803	0.2824
2314	2314-8	~35	ENVELOPE	Min	0.	-4.1805	-0.6226	-0.6533
2314	2314-8	~124	ENVELOPE	Min	0.	-0.259	-0.1854	-1.1383
2314	2314-8	~125	ENVELOPE	Min	0.	-0.6359	-0.0818	-0.8591
2314	2314-8	1	ENVELOPE	Min	0.	-2.1188	-0.1458	-0.3742
2314	2314-9	~3	ENVELOPE	Max	0.	1.9316	10.8178	2.1737
2314	2314-9	~5	ENVELOPE	Max	0.	2.3982	19.1643	1.3626
2314	2314-9	~126	ENVELOPE	Max	0.	6.6067	8.3174	2.9099
2314	2314-9	~118	ENVELOPE	Max	0.	1.955	5.1442	3.7211
2314	2314-9	~3	ENVELOPE	Min	0.	0.8524	5.6232	-4.2055
2314	2314-9	~5	ENVELOPE	Min	0.	1.8317	8.136	-3.0685
2314	2314-9	~126	ENVELOPE	Min	0.	-5.5737	-3.322	-2.1569
2314	2314-9	~118	ENVELOPE	Min	0.	-1.4924	-1.6868	-3.294
2314	2314-10	~118	ENVELOPE	Max	0.	1.9607	5.1725	3.7912
2314	2314-10	~126	ENVELOPE	Max	0.	6.6077	8.3224	2.8323
2314	2314-10	~127	ENVELOPE	Max	0.	8.1657	5.8003	2.2338
2314	2314-10	~119	ENVELOPE	Max	0.	1.4188	2.7534	3.1926
2314	2314-10	~118	ENVELOPE	Min	0.	-1.536	-1.9044	-2.0418
2314	2314-10	~126	ENVELOPE	Min	0.	-5.5227	-3.0673	-1.6175
2314	2314-10	~127	ENVELOPE	Min	0.	-10.9252	-8.0786	-0.8143
2314	2314-10	~119	ENVELOPE	Min	0.	-2.0334	-3.7463	-1.2386
2314	2314-11	~119	ENVELOPE	Max	0.	1.3994	2.6564	1.9693
2314	2314-11	~127	ENVELOPE	Max	0.	8.1747	5.845	1.6233
2314	2314-11	~128	ENVELOPE	Max	0.	7.8152	3.2801	0.7276
2314	2314-11	~120	ENVELOPE	Max	0.	0.5936	1.0018	1.0736
2314	2314-11	~119	ENVELOPE	Min	0.	-2.0669	-3.9142	-0.2848
2314	2314-11	~127	ENVELOPE	Min	0.	-10.9126	-8.0158	-0.3528
2314	2314-11	~128	ENVELOPE	Min	0.	-12.6268	-6.8714	0.194
2314	2314-11	~120	ENVELOPE	Min	0.	-1.4971	-2.6088	0.2621
2314	2314-12	~120	ENVELOPE	Max	0.	0.5689	0.8785	0.7483
2314	2314-12	~128	ENVELOPE	Max	0.	7.826	3.3342	0.4753
2314	2314-12	~129	ENVELOPE	Max	0.	6.5016	1.67	0.7233
2314	2314-12	~121	ENVELOPE	Max	0.	0.1336	0.191	0.9963
2314	2314-12	~120	ENVELOPE	Min	0.	-1.5008	-2.6271	0.0126
2314	2314-12	~128	ENVELOPE	Min	0.	-12.6314	-6.8943	0.1671
2314	2314-12	~129	ENVELOPE	Min	0.	-11.95	-4.5391	-0.4578

2314	2314-12	~121	ENVELOPE	Min	0.	-0.7129	-1.2844	-0.6123
2314	2314-13	~121	ENVELOPE	Max	0.	0.1187	0.1166	1.1414
2314	2314-13	~129	ENVELOPE	Max	0.	6.5085	1.7045	0.8176
2314	2314-13	~130	ENVELOPE	Max	0.	4.922	0.777	0.8655
2314	2314-13	~122	ENVELOPE	Max	0.	-0.062	-0.1436	1.1894
2314	2314-13	~121	ENVELOPE	Min	0.	-0.7037	-1.2385	-1.169
2314	2314-13	~129	ENVELOPE	Min	0.	-11.9586	-4.5822	-0.7767
2314	2314-13	~130	ENVELOPE	Min	0.	-10.0378	-2.59	-1.0565
2314	2314-13	~122	ENVELOPE	Min	0.	-0.1954	-0.3496	-1.4488
2314	2314-14	~122	ENVELOPE	Max	0.	-0.0705	-0.1862	1.168
2314	2314-14	~130	ENVELOPE	Max	0.	4.9256	0.7951	0.8606
2314	2314-14	~131	ENVELOPE	Max	0.	3.4199	0.2441	0.8111
2314	2314-14	~123	ENVELOPE	Max	0.	0.1029	0.1903	1.1184
2314	2314-14	~122	ENVELOPE	Min	0.	-0.1832	-0.2885	-1.6212
2314	2314-14	~130	ENVELOPE	Min	0.	-10.045	-2.6261	-1.164
2314	2314-14	~131	ENVELOPE	Min	0.	-7.7916	-1.2068	-1.2016
2314	2314-14	~123	ENVELOPE	Min	0.	-0.1382	-0.2436	-1.6588
2314	2314-15	~123	ENVELOPE	Max	0.	0.1095	0.2234	1.0104
2314	2314-15	~131	ENVELOPE	Max	0.	3.4222	0.2554	0.7431
2314	2314-15	~132	ENVELOPE	Max	0.	2.2267	-0.1049	0.6105
2314	2314-15	~124	ENVELOPE	Max	0.	0.3822	0.2103	0.8778
2314	2314-15	~123	ENVELOPE	Min	0.	-0.1414	-0.2596	-1.5798
2314	2314-15	~131	ENVELOPE	Min	0.	-7.7973	-1.2353	-1.1484
2314	2314-15	~132	ENVELOPE	Min	0.	-5.8397	-0.2572	-0.964
2314	2314-15	~124	ENVELOPE	Min	0.	-0.2593	-0.1533	-1.3953
2314	2314-16	~124	ENVELOPE	Max	0.	0.3975	0.2869	0.6727
2314	2314-16	~132	ENVELOPE	Max	0.	2.2289	-0.0939	0.479
2314	2314-16	~133	ENVELOPE	Max	0.	1.613	0.008	0.3028
2314	2314-16	~125	ENVELOPE	Max	0.	0.905	0.0387	0.4966
2314	2314-16	~124	ENVELOPE	Min	0.	-0.266	-0.1868	-1.0359
2314	2314-16	~132	ENVELOPE	Min	0.	-5.847	-0.2936	-0.7339
2314	2314-16	~133	ENVELOPE	Min	0.	-4.9539	-0.0148	-0.3348
2314	2314-16	~125	ENVELOPE	Min	0.	-0.4999	-0.1215	-0.6368
2314	2314-17	~5	ENVELOPE	Max	0.	2.5216	19.3023	0.7953
2314	2314-17	~7	ENVELOPE	Max	0.	2.5216	19.3023	0.9172
2314	2314-17	~134	ENVELOPE	Max	0.	6.6197	8.32	0.9172
2314	2314-17	~126	ENVELOPE	Max	0.	6.6197	8.32	0.7953
2314	2314-17	~5	ENVELOPE	Min	0.	2.2446	8.1053	-0.9172
2314	2314-17	~7	ENVELOPE	Min	0.	2.2446	8.1053	-0.7953
2314	2314-17	~134	ENVELOPE	Min	0.	-5.7676	-3.3608	-0.7953
2314	2314-17	~126	ENVELOPE	Min	0.	-5.7676	-3.3608	-0.9172
2314	2314-18	~126	ENVELOPE	Max	0.	6.6207	8.325	0.8761
2314	2314-18	~134	ENVELOPE	Max	0.	6.6207	8.325	0.427
2314	2314-18	~135	ENVELOPE	Max	0.	8.1314	5.7935	0.427
2314	2314-18	~127	ENVELOPE	Max	0.	8.1314	5.7935	0.8761
2314	2314-18	~126	ENVELOPE	Min	0.	-5.7167	-3.1061	-0.427
2314	2314-18	~134	ENVELOPE	Min	0.	-5.7167	-3.1061	-0.8761
2314	2314-18	~135	ENVELOPE	Min	0.	-10.8461	-8.0628	-0.8761
2314	2314-18	~127	ENVELOPE	Min	0.	-10.8461	-8.0628	-0.427
2314	2314-19	~127	ENVELOPE	Max	0.	8.1403	5.8381	0.4218
2314	2314-19	~135	ENVELOPE	Max	0.	8.1403	5.8381	0.0345
2314	2314-19	~136	ENVELOPE	Max	0.	7.7909	3.2753	0.0345
2314	2314-19	~128	ENVELOPE	Max	0.	7.7909	3.2753	0.4218
2314	2314-19	~127	ENVELOPE	Min	0.	-10.8335	-8.	-0.0345
2314	2314-19	~135	ENVELOPE	Min	0.	-10.8335	-8.	-0.4218
2314	2314-19	~136	ENVELOPE	Min	0.	-12.599	-6.8658	-0.4218
2314	2314-19	~128	ENVELOPE	Min	0.	-12.599	-6.8658	-0.0345
2314	2314-20	~128	ENVELOPE	Max	0.	7.8017	3.3293	0.2069

2314	2314-20	~136	ENVELOPE	Max	0.	7.8017	3.3293	0.045
2314	2314-20	~137	ENVELOPE	Max	0.	6.4921	1.6681	0.045
2314	2314-20	~129	ENVELOPE	Max	0.	6.4921	1.6681	0.2069
2314	2314-20	~128	ENVELOPE	Min	0.	-12.6036	-6.8888	-0.045
2314	2314-20	~136	ENVELOPE	Min	0.	-12.6036	-6.8888	-0.2069
2314	2314-20	~137	ENVELOPE	Min	0.	-11.9201	-4.5331	-0.2069
2314	2314-20	~129	ENVELOPE	Min	0.	-11.9201	-4.5331	-0.045
2314	2314-21	~129	ENVELOPE	Max	0.	6.499	1.7026	0.2949
2314	2314-21	~137	ENVELOPE	Max	0.	6.499	1.7026	0.3182
2314	2314-21	~138	ENVELOPE	Max	0.	4.9208	0.7768	0.3182
2314	2314-21	~130	ENVELOPE	Max	0.	4.9208	0.7768	0.2949
2314	2314-21	~129	ENVELOPE	Min	0.	-11.9287	-4.5762	-0.3182
2314	2314-21	~137	ENVELOPE	Min	0.	-11.9287	-4.5762	-0.2949
2314	2314-21	~138	ENVELOPE	Min	0.	-10.0282	-2.5881	-0.2949
2314	2314-21	~130	ENVELOPE	Min	0.	-10.0282	-2.5881	-0.3182
2314	2314-22	~130	ENVELOPE	Max	0.	4.9245	0.7949	0.2938
2314	2314-22	~138	ENVELOPE	Max	0.	4.9245	0.7949	0.4143
2314	2314-22	~139	ENVELOPE	Max	0.	3.4267	0.2454	0.4143
2314	2314-22	~131	ENVELOPE	Max	0.	3.4267	0.2454	0.2938
2314	2314-22	~130	ENVELOPE	Min	0.	-10.0354	-2.6242	-0.4143
2314	2314-22	~138	ENVELOPE	Min	0.	-10.0354	-2.6242	-0.2938
2314	2314-22	~139	ENVELOPE	Min	0.	-7.7952	-1.2075	-0.2938
2314	2314-22	~131	ENVELOPE	Min	0.	-7.7952	-1.2075	-0.4143
2314	2314-23	~131	ENVELOPE	Max	0.	3.4289	0.2568	0.2368
2314	2314-23	~139	ENVELOPE	Max	0.	3.4289	0.2568	0.3678
2314	2314-23	~140	ENVELOPE	Max	0.	2.2384	-0.1026	0.3678
2314	2314-23	~132	ENVELOPE	Max	0.	2.2384	-0.1026	0.2368
2314	2314-23	~131	ENVELOPE	Min	0.	-7.8009	-1.236	-0.3678
2314	2314-23	~139	ENVELOPE	Min	0.	-7.8009	-1.236	-0.2368
2314	2314-23	~140	ENVELOPE	Min	0.	-5.869	-0.263	-0.2368
2314	2314-23	~132	ENVELOPE	Min	0.	-5.869	-0.263	-0.3678
2314	2314-24	~132	ENVELOPE	Max	0.	2.2406	-0.0916	0.1344
2314	2314-24	~140	ENVELOPE	Max	0.	2.2406	-0.0916	0.1829
2314	2314-24	~141	ENVELOPE	Max	0.	1.6262	0.0107	0.1829
2314	2314-24	~133	ENVELOPE	Max	0.	1.6262	0.0107	0.1344
2314	2314-24	~132	ENVELOPE	Min	0.	-5.8762	-0.2995	-0.1829
2314	2314-24	~140	ENVELOPE	Min	0.	-5.8762	-0.2995	-0.1344
2314	2314-24	~141	ENVELOPE	Min	0.	-4.9554	-0.0151	-0.1344
2314	2314-24	~133	ENVELOPE	Min	0.	-4.9554	-0.0151	-0.1829
2314	2314-25	~7	ENVELOPE	Max	0.	2.3982	19.1643	3.0685
2314	2314-25	~9	ENVELOPE	Max	0.	1.9316	10.8178	4.2055
2314	2314-25	~142	ENVELOPE	Max	0.	1.955	5.1442	3.294
2314	2314-25	~134	ENVELOPE	Max	0.	6.6067	8.3174	2.1569
2314	2314-25	~7	ENVELOPE	Min	0.	1.8317	8.136	-1.3626
2314	2314-25	~9	ENVELOPE	Min	0.	0.8524	5.6232	-2.1737
2314	2314-25	~142	ENVELOPE	Min	0.	-1.4924	-1.6868	-3.7211
2314	2314-25	~134	ENVELOPE	Min	0.	-5.5737	-3.322	-2.9099
2314	2314-26	~134	ENVELOPE	Max	0.	6.6077	8.3224	1.6175
2314	2314-26	~142	ENVELOPE	Max	0.	1.9607	5.1725	2.0418
2314	2314-26	~143	ENVELOPE	Max	0.	1.4188	2.7534	1.2386
2314	2314-26	~135	ENVELOPE	Max	0.	8.1657	5.8003	0.8143
2314	2314-26	~134	ENVELOPE	Min	0.	-5.5227	-3.0673	-2.8323
2314	2314-26	~142	ENVELOPE	Min	0.	-1.536	-1.9044	-3.7912
2314	2314-26	~143	ENVELOPE	Min	0.	-2.0334	-3.7463	-3.1926
2314	2314-26	~135	ENVELOPE	Min	0.	-10.9252	-8.0786	-2.2338
2314	2314-27	~135	ENVELOPE	Max	0.	8.1747	5.845	0.3528
2314	2314-27	~143	ENVELOPE	Max	0.	1.3994	2.6564	0.2848
2314	2314-27	~144	ENVELOPE	Max	0.	0.5936	1.0018	-0.2621

2314	2314-27	~136	ENVELOPE	Max	0.	7.8152	3.2801	-0.194
2314	2314-27	~135	ENVELOPE	Min	0.	-10.9126	-8.0158	-1.6233
2314	2314-27	~143	ENVELOPE	Min	0.	-2.0669	-3.9142	-1.9693
2314	2314-27	~144	ENVELOPE	Min	0.	-1.4971	-2.6088	-1.0736
2314	2314-27	~136	ENVELOPE	Min	0.	-12.6268	-6.8714	-0.7276
2314	2314-28	~136	ENVELOPE	Max	0.	7.826	3.3342	-0.1671
2314	2314-28	~144	ENVELOPE	Max	0.	0.5689	0.8785	-0.0126
2314	2314-28	~145	ENVELOPE	Max	0.	0.1336	0.191	0.6123
2314	2314-28	~137	ENVELOPE	Max	0.	6.5016	1.67	0.4578
2314	2314-28	~136	ENVELOPE	Min	0.	-12.6314	-6.8943	-0.4753
2314	2314-28	~144	ENVELOPE	Min	0.	-1.5008	-2.6271	-0.7483
2314	2314-28	~145	ENVELOPE	Min	0.	-0.7129	-1.2844	-0.9963
2314	2314-28	~137	ENVELOPE	Min	0.	-11.95	-4.5391	-0.7233
2314	2314-29	~137	ENVELOPE	Max	0.	6.5085	1.7045	0.7767
2314	2314-29	~145	ENVELOPE	Max	0.	0.1187	0.1166	1.169
2314	2314-29	~146	ENVELOPE	Max	0.	-0.062	-0.1436	1.4488
2314	2314-29	~138	ENVELOPE	Max	0.	4.922	0.777	1.0565
2314	2314-29	~137	ENVELOPE	Min	0.	-11.9586	-4.5822	-0.8176
2314	2314-29	~145	ENVELOPE	Min	0.	-0.7037	-1.2385	-1.1414
2314	2314-29	~146	ENVELOPE	Min	0.	-0.1954	-0.3496	-1.1894
2314	2314-29	~138	ENVELOPE	Min	0.	-10.0378	-2.59	-0.8655
2314	2314-30	~138	ENVELOPE	Max	0.	4.9256	0.7951	1.164
2314	2314-30	~146	ENVELOPE	Max	0.	-0.0705	-0.1862	1.6212
2314	2314-30	~147	ENVELOPE	Max	0.	0.1029	0.1903	1.6588
2314	2314-30	~139	ENVELOPE	Max	0.	3.4199	0.2441	1.2016
2314	2314-30	~138	ENVELOPE	Min	0.	-10.045	-2.6261	-0.8606
2314	2314-30	~146	ENVELOPE	Min	0.	-0.1832	-0.2885	-1.168
2314	2314-30	~147	ENVELOPE	Min	0.	-0.1382	-0.2436	-1.1184
2314	2314-30	~139	ENVELOPE	Min	0.	-7.7916	-1.2068	-0.8111
2314	2314-31	~139	ENVELOPE	Max	0.	3.4222	0.2554	1.1484
2314	2314-31	~147	ENVELOPE	Max	0.	0.1095	0.2234	1.5798
2314	2314-31	~148	ENVELOPE	Max	0.	0.3822	0.2103	1.3953
2314	2314-31	~140	ENVELOPE	Max	0.	2.2267	-0.1049	0.964
2314	2314-31	~139	ENVELOPE	Min	0.	-7.7973	-1.2353	-0.7431
2314	2314-31	~147	ENVELOPE	Min	0.	-0.1414	-0.2596	-1.0104
2314	2314-31	~148	ENVELOPE	Min	0.	-0.2593	-0.1533	-0.8778
2314	2314-31	~140	ENVELOPE	Min	0.	-5.8397	-0.2572	-0.6105
2314	2314-32	~140	ENVELOPE	Max	0.	2.2289	-0.0939	0.7339
2314	2314-32	~148	ENVELOPE	Max	0.	0.3975	0.2869	1.0359
2314	2314-32	~149	ENVELOPE	Max	0.	0.905	0.0387	0.6368
2314	2314-32	~141	ENVELOPE	Max	0.	1.613	0.008	0.3348
2314	2314-32	~140	ENVELOPE	Min	0.	-5.847	-0.2936	-0.479
2314	2314-32	~148	ENVELOPE	Min	0.	-0.266	-0.1868	-0.6727
2314	2314-32	~149	ENVELOPE	Min	0.	-0.4999	-0.1215	-0.4966
2314	2314-32	~141	ENVELOPE	Min	0.	-4.9539	-0.0148	-0.3028
2314	2314-33	~9	ENVELOPE	Max	0.	0.7055	10.5202	4.6667
2314	2314-33	2043	ENVELOPE	Max	0.	5.9899	3.7888	2.6125
2314	2314-33	~150	ENVELOPE	Max	0.	12.0385	1.0111	1.2586
2314	2314-33	~142	ENVELOPE	Max	0.	2.2108	5.1954	3.3127
2314	2314-33	~9	ENVELOPE	Min	0.	0.4439	5.5938	-2.0018
2314	2314-33	2043	ENVELOPE	Min	0.	-0.6034	0.5284	-0.3953
2314	2314-33	~150	ENVELOPE	Min	0.	-11.8817	0.576	-2.0044
2314	2314-33	~142	ENVELOPE	Min	0.	-0.9939	-1.5871	-3.6109
2314	2314-34	~142	ENVELOPE	Max	0.	2.2165	5.2237	1.8891
2314	2314-34	~150	ENVELOPE	Max	0.	12.1665	1.6508	1.0377
2314	2314-34	~151	ENVELOPE	Max	0.	22.036	3.1098	0.3218
2314	2314-34	~143	ENVELOPE	Max	0.	1.5158	2.7729	1.1732
2314	2314-34	~142	ENVELOPE	Min	0.	-1.0374	-1.8047	-3.7855

2314	2314-34	~150	ENVELOPE	Min	0.	-11.8532	0.7184	-1.9505
2314	2314-34	~151	ENVELOPE	Min	0.	-16.327	-2.5964	-1.3648
2314	2314-34	~143	ENVELOPE	Min	0.	-2.3488	-3.8094	-3.1998
2314	2314-35	~143	ENVELOPE	Max	0.	1.4964	2.6758	0.099
2314	2314-35	~151	ENVELOPE	Max	0.	22.1559	3.7093	0.1325
2314	2314-35	~152	ENVELOPE	Max	0.	25.3554	4.1978	-0.1337
2314	2314-35	~144	ENVELOPE	Max	0.	0.6494	1.013	-0.367
2314	2314-35	~143	ENVELOPE	Min	0.	-2.3824	-3.9773	-1.7656
2314	2314-35	~151	ENVELOPE	Min	0.	-16.2589	-2.2559	-0.9978
2314	2314-35	~152	ENVELOPE	Min	0.	-15.7676	-3.1627	-0.3335
2314	2314-35	~144	ENVELOPE	Min	0.	-1.5875	-2.6269	-0.9015
2314	2314-36	~144	ENVELOPE	Max	0.	0.6247	0.8897	0.205
2314	2314-36	~152	ENVELOPE	Max	0.	25.3628	4.235	0.0055
2314	2314-36	~153	ENVELOPE	Max	0.	23.9267	4.4657	0.4794
2314	2314-36	~145	ENVELOPE	Max	0.	0.1443	0.1931	0.6788
2314	2314-36	~144	ENVELOPE	Min	0.	-1.5912	-2.6452	-0.859
2314	2314-36	~152	ENVELOPE	Min	0.	-15.6768	-2.7091	-0.3791
2314	2314-36	~153	ENVELOPE	Min	0.	-13.0845	-2.7864	-0.517
2314	2314-36	~145	ENVELOPE	Min	0.	-0.7815	-1.2981	-0.9969
2314	2314-37	~145	ENVELOPE	Max	0.	0.1295	0.1188	1.2531
2314	2314-37	~153	ENVELOPE	Max	0.	23.9063	4.3638	0.5426
2314	2314-37	~154	ENVELOPE	Max	0.	20.1037	4.0374	0.7492
2314	2314-37	~146	ENVELOPE	Max	0.	-0.0643	-0.1441	1.4596
2314	2314-37	~145	ENVELOPE	Min	0.	-0.7724	-1.2523	-1.1447
2314	2314-37	~153	ENVELOPE	Min	0.	-13.0399	-2.5637	-0.526
2314	2314-37	~154	ENVELOPE	Min	0.	-9.8943	-2.1552	-0.5452
2314	2314-37	~146	ENVELOPE	Min	0.	-0.2109	-0.3527	-1.1639
2314	2314-38	~146	ENVELOPE	Max	0.	-0.0729	-0.1867	1.6303
2314	2314-38	~154	ENVELOPE	Max	0.	20.0653	3.8453	0.7588
2314	2314-38	~155	ENVELOPE	Max	0.	15.5975	3.1914	0.756
2314	2314-38	~147	ENVELOPE	Max	0.	0.1186	0.1934	1.6275
2314	2314-38	~146	ENVELOPE	Min	0.	-0.1987	-0.2916	-1.1382
2314	2314-38	~154	ENVELOPE	Min	0.	-9.8665	-2.0158	-0.537
2314	2314-38	~155	ENVELOPE	Min	0.	-6.8443	-1.4618	-0.4852
2314	2314-38	~147	ENVELOPE	Min	0.	-0.1568	-0.2473	-1.0864
2314	2314-39	~147	ENVELOPE	Max	0.	0.1252	0.2265	1.5422
2314	2314-39	~155	ENVELOPE	Max	0.	15.591	3.1587	0.743
2314	2314-39	~156	ENVELOPE	Max	0.	11.357	2.1764	0.6631
2314	2314-39	~148	ENVELOPE	Max	0.	0.385	0.2109	1.4622
2314	2314-39	~147	ENVELOPE	Min	0.	-0.16	-0.2633	-0.978
2314	2314-39	~155	ENVELOPE	Min	0.	-6.8396	-1.4386	-0.4738
2314	2314-39	~156	ENVELOPE	Min	0.	-4.2033	-0.7365	-0.3988
2314	2314-39	~148	ENVELOPE	Min	0.	-0.2523	-0.1519	-0.9029
2314	2314-40	~148	ENVELOPE	Max	0.	0.4003	0.2875	1.1383
2314	2314-40	~156	ENVELOPE	Max	0.	11.3045	1.914	0.6533
2314	2314-40	2	ENVELOPE	Max	0.	7.9502	0.4803	0.3742
2314	2314-40	~149	ENVELOPE	Max	0.	1.1035	0.0114	0.8591
2314	2314-40	~148	ENVELOPE	Min	0.	-0.259	-0.1854	-0.7103
2314	2314-40	~156	ENVELOPE	Min	0.	-4.1805	-0.6226	-0.3821
2314	2314-40	2	ENVELOPE	Min	0.	-2.1188	-0.1458	-0.2824
2314	2314-40	~149	ENVELOPE	Min	0.	-0.6359	-0.0818	-0.6105
2414	2414-1	4	ENVELOPE	Max	0.	7.9502	0.4803	0.3742
2414	2414-1	~157	ENVELOPE	Max	0.	1.1035	0.0114	0.8591
2414	2414-1	~158	ENVELOPE	Max	0.	0.4003	0.2875	1.1383
2414	2414-1	~111	ENVELOPE	Max	0.	11.3045	1.914	0.6533
2414	2414-1	4	ENVELOPE	Min	0.	-2.1188	-0.1458	-0.2824
2414	2414-1	~157	ENVELOPE	Min	0.	-0.6359	-0.0818	-0.6105
2414	2414-1	~158	ENVELOPE	Min	0.	-0.259	-0.1854	-0.7103

2414	2414-1	~111	ENVELOPE	Min	0.	-4.1805	-0.6226	-0.3821
2414	2414-2	~111	ENVELOPE	Max	0.	11.357	2.1764	0.6631
2414	2414-2	~158	ENVELOPE	Max	0.	0.385	0.2109	1.4622
2414	2414-2	~159	ENVELOPE	Max	0.	0.1252	0.2265	1.5422
2414	2414-2	~112	ENVELOPE	Max	0.	15.591	3.1587	0.743
2414	2414-2	~111	ENVELOPE	Min	0.	-4.2033	-0.7365	-0.3988
2414	2414-2	~158	ENVELOPE	Min	0.	-0.2523	-0.1519	-0.9029
2414	2414-2	~159	ENVELOPE	Min	0.	-0.16	-0.2633	-0.978
2414	2414-2	~112	ENVELOPE	Min	0.	-6.8396	-1.4386	-0.4738
2414	2414-3	~112	ENVELOPE	Max	0.	15.5975	3.1914	0.756
2414	2414-3	~159	ENVELOPE	Max	0.	0.1186	0.1934	1.6275
2414	2414-3	~160	ENVELOPE	Max	0.	-0.0729	-0.1867	1.6303
2414	2414-3	~113	ENVELOPE	Max	0.	20.0653	3.8453	0.7588
2414	2414-3	~112	ENVELOPE	Min	0.	-6.8443	-1.4618	-0.4852
2414	2414-3	~159	ENVELOPE	Min	0.	-0.1568	-0.2473	-1.0864
2414	2414-3	~160	ENVELOPE	Min	0.	-0.1987	-0.2916	-1.1382
2414	2414-3	~113	ENVELOPE	Min	0.	-9.8665	-2.0158	-0.537
2414	2414-4	~113	ENVELOPE	Max	0.	20.1037	4.0374	0.7492
2414	2414-4	~160	ENVELOPE	Max	0.	-0.0643	-0.1441	1.4596
2414	2414-4	~161	ENVELOPE	Max	0.	0.1295	0.1188	1.2531
2414	2414-4	~114	ENVELOPE	Max	0.	23.9063	4.3638	0.5426
2414	2414-4	~113	ENVELOPE	Min	0.	-9.8943	-2.1552	-0.5452
2414	2414-4	~160	ENVELOPE	Min	0.	-0.2109	-0.3527	-1.1639
2414	2414-4	~161	ENVELOPE	Min	0.	-0.7724	-1.2523	-1.1447
2414	2414-4	~114	ENVELOPE	Min	0.	-13.0399	-2.5637	-0.526
2414	2414-5	~114	ENVELOPE	Max	0.	23.9267	4.4657	0.4794
2414	2414-5	~161	ENVELOPE	Max	0.	0.1443	0.1931	0.6788
2414	2414-5	~162	ENVELOPE	Max	0.	0.6247	0.8897	0.205
2414	2414-5	~115	ENVELOPE	Max	0.	25.3628	4.235	0.0055
2414	2414-5	~114	ENVELOPE	Min	0.	-13.0845	-2.7864	-0.517
2414	2414-5	~161	ENVELOPE	Min	0.	-0.7815	-1.2981	-0.9969
2414	2414-5	~162	ENVELOPE	Min	0.	-1.5912	-2.6452	-0.859
2414	2414-5	~115	ENVELOPE	Min	0.	-15.6768	-2.7091	-0.3791
2414	2414-6	~115	ENVELOPE	Max	0.	25.3554	4.1978	-0.1337
2414	2414-6	~162	ENVELOPE	Max	0.	0.6494	1.013	-0.367
2414	2414-6	~163	ENVELOPE	Max	0.	1.4964	2.6758	0.099
2414	2414-6	~116	ENVELOPE	Max	0.	22.1559	3.7093	0.1325
2414	2414-6	~115	ENVELOPE	Min	0.	-15.7676	-3.1627	-0.3335
2414	2414-6	~162	ENVELOPE	Min	0.	-1.5875	-2.6269	-0.9015
2414	2414-6	~163	ENVELOPE	Min	0.	-2.3824	-3.9773	-1.7656
2414	2414-6	~116	ENVELOPE	Min	0.	-16.2589	-2.2559	-0.9978
2414	2414-7	~116	ENVELOPE	Max	0.	22.036	3.1098	0.3218
2414	2414-7	~163	ENVELOPE	Max	0.	1.5158	2.7729	1.1732
2414	2414-7	~164	ENVELOPE	Max	0.	2.2165	5.2237	1.8891
2414	2414-7	~117	ENVELOPE	Max	0.	12.1665	1.6508	1.0377
2414	2414-7	~116	ENVELOPE	Min	0.	-16.327	-2.5964	-1.3648
2414	2414-7	~163	ENVELOPE	Min	0.	-2.3488	-3.8094	-3.1998
2414	2414-7	~164	ENVELOPE	Min	0.	-1.0374	-1.8047	-3.7855
2414	2414-7	~117	ENVELOPE	Min	0.	-11.8532	0.7184	-1.9505
2414	2414-8	~117	ENVELOPE	Max	0.	12.0385	1.0111	1.2586
2414	2414-8	~164	ENVELOPE	Max	0.	2.2108	5.1954	3.3127
2414	2414-8	~28	ENVELOPE	Max	0.	0.7055	10.5202	4.6667
2414	2414-8	2044	ENVELOPE	Max	0.	5.9899	3.7888	2.6125
2414	2414-8	~117	ENVELOPE	Min	0.	-11.8817	0.576	-2.0044
2414	2414-8	~164	ENVELOPE	Min	0.	-0.9939	-1.5871	-3.6109
2414	2414-8	~28	ENVELOPE	Min	0.	0.4439	5.5938	-2.0018
2414	2414-8	2044	ENVELOPE	Min	0.	-0.6034	0.5284	-0.3953
2414	2414-9	~157	ENVELOPE	Max	0.	0.905	0.0387	0.6368

2414	2414-9	~165	ENVELOPE	Max	0.	1.613	0.008	0.3348
2414	2414-9	~166	ENVELOPE	Max	0.	2.2289	-0.0939	0.7339
2414	2414-9	~158	ENVELOPE	Max	0.	0.3975	0.2869	1.0359
2414	2414-9	~157	ENVELOPE	Min	0.	-0.4999	-0.1215	-0.4966
2414	2414-9	~165	ENVELOPE	Min	0.	-4.9539	-0.0148	-0.3028
2414	2414-9	~166	ENVELOPE	Min	0.	-5.847	-0.2936	-0.479
2414	2414-9	~158	ENVELOPE	Min	0.	-0.266	-0.1868	-0.6727
2414	2414-10	~158	ENVELOPE	Max	0.	0.3822	0.2103	1.3953
2414	2414-10	~166	ENVELOPE	Max	0.	2.2267	-0.1049	0.964
2414	2414-10	~167	ENVELOPE	Max	0.	3.4222	0.2554	1.1484
2414	2414-10	~159	ENVELOPE	Max	0.	0.1095	0.2234	1.5798
2414	2414-10	~158	ENVELOPE	Min	0.	-0.2593	-0.1533	-0.8778
2414	2414-10	~166	ENVELOPE	Min	0.	-5.8397	-0.2572	-0.6105
2414	2414-10	~167	ENVELOPE	Min	0.	-7.7973	-1.2353	-0.7431
2414	2414-10	~159	ENVELOPE	Min	0.	-0.1414	-0.2596	-1.0104
2414	2414-11	~159	ENVELOPE	Max	0.	0.1029	0.1903	1.6588
2414	2414-11	~167	ENVELOPE	Max	0.	3.4199	0.2441	1.2016
2414	2414-11	~168	ENVELOPE	Max	0.	4.9256	0.7951	1.164
2414	2414-11	~160	ENVELOPE	Max	0.	-0.0705	-0.1862	1.6212
2414	2414-11	~159	ENVELOPE	Min	0.	-0.1382	-0.2436	-1.1184
2414	2414-11	~167	ENVELOPE	Min	0.	-7.7916	-1.2068	-0.8111
2414	2414-11	~168	ENVELOPE	Min	0.	-10.045	-2.6261	-0.8606
2414	2414-11	~160	ENVELOPE	Min	0.	-0.1832	-0.2885	-1.168
2414	2414-12	~160	ENVELOPE	Max	0.	-0.062	-0.1436	1.4488
2414	2414-12	~168	ENVELOPE	Max	0.	4.922	0.777	1.0565
2414	2414-12	~169	ENVELOPE	Max	0.	6.5085	1.7045	0.7767
2414	2414-12	~161	ENVELOPE	Max	0.	0.1187	0.1166	1.169
2414	2414-12	~160	ENVELOPE	Min	0.	-0.1954	-0.3496	-1.1894
2414	2414-12	~168	ENVELOPE	Min	0.	-10.0378	-2.59	-0.8655
2414	2414-12	~169	ENVELOPE	Min	0.	-11.9586	-4.5822	-0.8176
2414	2414-12	~161	ENVELOPE	Min	0.	-0.7037	-1.2385	-1.1414
2414	2414-13	~161	ENVELOPE	Max	0.	0.1336	0.191	0.6123
2414	2414-13	~169	ENVELOPE	Max	0.	6.5016	1.67	0.4578
2414	2414-13	~170	ENVELOPE	Max	0.	7.826	3.3342	-0.1671
2414	2414-13	~162	ENVELOPE	Max	0.	0.5689	0.8785	-0.0126
2414	2414-13	~161	ENVELOPE	Min	0.	-0.7129	-1.2844	-0.9963
2414	2414-13	~169	ENVELOPE	Min	0.	-11.95	-4.5391	-0.7233
2414	2414-13	~170	ENVELOPE	Min	0.	-12.6314	-6.8943	-0.4753
2414	2414-13	~162	ENVELOPE	Min	0.	-1.5008	-2.6271	-0.7483
2414	2414-14	~162	ENVELOPE	Max	0.	0.5936	1.0018	-0.2621
2414	2414-14	~170	ENVELOPE	Max	0.	7.8152	3.2801	-0.194
2414	2414-14	~171	ENVELOPE	Max	0.	8.1747	5.845	0.3528
2414	2414-14	~163	ENVELOPE	Max	0.	1.3994	2.6564	0.2848
2414	2414-14	~162	ENVELOPE	Min	0.	-1.4971	-2.6088	-1.0736
2414	2414-14	~170	ENVELOPE	Min	0.	-12.6268	-6.8714	-0.7276
2414	2414-14	~171	ENVELOPE	Min	0.	-10.9126	-8.0158	-1.6233
2414	2414-14	~163	ENVELOPE	Min	0.	-2.0669	-3.9142	-1.9693
2414	2414-15	~163	ENVELOPE	Max	0.	1.4188	2.7534	1.2386
2414	2414-15	~171	ENVELOPE	Max	0.	8.1657	5.8003	0.8143
2414	2414-15	~172	ENVELOPE	Max	0.	6.6077	8.3224	1.6175
2414	2414-15	~164	ENVELOPE	Max	0.	1.9607	5.1725	2.0418
2414	2414-15	~163	ENVELOPE	Min	0.	-2.0334	-3.7463	-3.1926
2414	2414-15	~171	ENVELOPE	Min	0.	-10.9252	-8.0786	-2.2338
2414	2414-15	~172	ENVELOPE	Min	0.	-5.5227	-3.0673	-2.8323
2414	2414-15	~164	ENVELOPE	Min	0.	-1.536	-1.9044	-3.7912
2414	2414-16	~164	ENVELOPE	Max	0.	1.955	5.1442	3.294
2414	2414-16	~172	ENVELOPE	Max	0.	6.6067	8.3174	2.1569
2414	2414-16	~22	ENVELOPE	Max	0.	2.3982	19.1643	3.0685

2414	2414-16	~28	ENVELOPE	Max	0.	1.9316	10.8178	4.2055
2414	2414-16	~164	ENVELOPE	Min	0.	-1.4924	-1.6868	-3.7211
2414	2414-16	~172	ENVELOPE	Min	0.	-5.5737	-3.322	-2.9099
2414	2414-16	~22	ENVELOPE	Min	0.	1.8317	8.136	-1.3626
2414	2414-16	~28	ENVELOPE	Min	0.	0.8524	5.6232	-2.1737
2414	2414-17	~165	ENVELOPE	Max	0.	1.6262	0.0107	0.1829
2414	2414-17	~173	ENVELOPE	Max	0.	1.6262	0.0107	0.1344
2414	2414-17	~174	ENVELOPE	Max	0.	2.2406	-0.0916	0.1344
2414	2414-17	~166	ENVELOPE	Max	0.	2.2406	-0.0916	0.1829
2414	2414-17	~165	ENVELOPE	Min	0.	-4.9554	-0.0151	-0.1344
2414	2414-17	~173	ENVELOPE	Min	0.	-4.9554	-0.0151	-0.1829
2414	2414-17	~174	ENVELOPE	Min	0.	-5.8762	-0.2995	-0.1829
2414	2414-17	~166	ENVELOPE	Min	0.	-5.8762	-0.2995	-0.1344
2414	2414-18	~166	ENVELOPE	Max	0.	2.2384	-0.1026	0.3678
2414	2414-18	~174	ENVELOPE	Max	0.	2.2384	-0.1026	0.2368
2414	2414-18	~175	ENVELOPE	Max	0.	3.4289	0.2568	0.2368
2414	2414-18	~167	ENVELOPE	Max	0.	3.4289	0.2568	0.3678
2414	2414-18	~166	ENVELOPE	Min	0.	-5.869	-0.263	-0.2368
2414	2414-18	~174	ENVELOPE	Min	0.	-5.869	-0.263	-0.3678
2414	2414-18	~175	ENVELOPE	Min	0.	-7.8009	-1.236	-0.3678
2414	2414-18	~167	ENVELOPE	Min	0.	-7.8009	-1.236	-0.2368
2414	2414-19	~167	ENVELOPE	Max	0.	3.4267	0.2454	0.4143
2414	2414-19	~175	ENVELOPE	Max	0.	3.4267	0.2454	0.2938
2414	2414-19	~176	ENVELOPE	Max	0.	4.9245	0.7949	0.2938
2414	2414-19	~168	ENVELOPE	Max	0.	4.9245	0.7949	0.4143
2414	2414-19	~167	ENVELOPE	Min	0.	-7.7952	-1.2075	-0.2938
2414	2414-19	~175	ENVELOPE	Min	0.	-7.7952	-1.2075	-0.4143
2414	2414-19	~176	ENVELOPE	Min	0.	-10.0354	-2.6242	-0.4143
2414	2414-19	~168	ENVELOPE	Min	0.	-10.0354	-2.6242	-0.2938
2414	2414-20	~168	ENVELOPE	Max	0.	4.9208	0.7768	0.3182
2414	2414-20	~176	ENVELOPE	Max	0.	4.9208	0.7768	0.2949
2414	2414-20	~177	ENVELOPE	Max	0.	6.499	1.7026	0.2949
2414	2414-20	~169	ENVELOPE	Max	0.	6.499	1.7026	0.3182
2414	2414-20	~168	ENVELOPE	Min	0.	-10.0282	-2.5881	-0.2949
2414	2414-20	~176	ENVELOPE	Min	0.	-10.0282	-2.5881	-0.3182
2414	2414-20	~177	ENVELOPE	Min	0.	-11.9287	-4.5762	-0.3182
2414	2414-20	~169	ENVELOPE	Min	0.	-11.9287	-4.5762	-0.2949
2414	2414-21	~169	ENVELOPE	Max	0.	6.4921	1.6681	0.045
2414	2414-21	~177	ENVELOPE	Max	0.	6.4921	1.6681	0.2069
2414	2414-21	~178	ENVELOPE	Max	0.	7.8017	3.3293	0.2069
2414	2414-21	~170	ENVELOPE	Max	0.	7.8017	3.3293	0.045
2414	2414-21	~169	ENVELOPE	Min	0.	-11.9201	-4.5331	-0.2069
2414	2414-21	~177	ENVELOPE	Min	0.	-11.9201	-4.5331	-0.045
2414	2414-21	~178	ENVELOPE	Min	0.	-12.6036	-6.8888	-0.045
2414	2414-21	~170	ENVELOPE	Min	0.	-12.6036	-6.8888	-0.2069
2414	2414-22	~170	ENVELOPE	Max	0.	7.7909	3.2753	0.0345
2414	2414-22	~178	ENVELOPE	Max	0.	7.7909	3.2753	0.4218
2414	2414-22	~179	ENVELOPE	Max	0.	8.1403	5.8381	0.4218
2414	2414-22	~171	ENVELOPE	Max	0.	8.1403	5.8381	0.0345
2414	2414-22	~170	ENVELOPE	Min	0.	-12.599	-6.8658	-0.4218
2414	2414-22	~178	ENVELOPE	Min	0.	-12.599	-6.8658	-0.0345
2414	2414-22	~179	ENVELOPE	Min	0.	-10.8335	-8.	-0.0345
2414	2414-22	~171	ENVELOPE	Min	0.	-10.8335	-8.	-0.4218
2414	2414-23	~171	ENVELOPE	Max	0.	8.1314	5.7935	0.427
2414	2414-23	~179	ENVELOPE	Max	0.	8.1314	5.7935	0.8761
2414	2414-23	~180	ENVELOPE	Max	0.	6.6207	8.325	0.8761
2414	2414-23	~172	ENVELOPE	Max	0.	6.6207	8.325	0.427
2414	2414-23	~171	ENVELOPE	Min	0.	-10.8461	-8.0628	-0.8761

2414	2414-23	~179	ENVELOPE	Min	0.	-10.8461	-8.0628	-0.427
2414	2414-23	~180	ENVELOPE	Min	0.	-5.7167	-3.1061	-0.427
2414	2414-23	~172	ENVELOPE	Min	0.	-5.7167	-3.1061	-0.8761
2414	2414-24	~172	ENVELOPE	Max	0.	6.6197	8.32	0.9172
2414	2414-24	~180	ENVELOPE	Max	0.	6.6197	8.32	0.7953
2414	2414-24	~16	ENVELOPE	Max	0.	2.5216	19.3023	0.7953
2414	2414-24	~22	ENVELOPE	Max	0.	2.5216	19.3023	0.9172
2414	2414-24	~172	ENVELOPE	Min	0.	-5.7676	-3.3608	-0.7953
2414	2414-24	~180	ENVELOPE	Min	0.	-5.7676	-3.3608	-0.9172
2414	2414-24	~16	ENVELOPE	Min	0.	2.2446	8.1053	-0.9172
2414	2414-24	~22	ENVELOPE	Min	0.	2.2446	8.1053	-0.7953
2414	2414-25	~173	ENVELOPE	Max	0.	1.613	0.008	0.3028
2414	2414-25	~181	ENVELOPE	Max	0.	0.905	0.0387	0.4966
2414	2414-25	~182	ENVELOPE	Max	0.	0.3975	0.2869	0.6727
2414	2414-25	~174	ENVELOPE	Max	0.	2.2289	-0.0939	0.479
2414	2414-25	~173	ENVELOPE	Min	0.	-4.9539	-0.0148	-0.3348
2414	2414-25	~181	ENVELOPE	Min	0.	-0.4999	-0.1215	-0.6368
2414	2414-25	~182	ENVELOPE	Min	0.	-0.266	-0.1868	-1.0359
2414	2414-25	~174	ENVELOPE	Min	0.	-5.847	-0.2936	-0.7339
2414	2414-26	~174	ENVELOPE	Max	0.	2.2267	-0.1049	0.6105
2414	2414-26	~182	ENVELOPE	Max	0.	0.3822	0.2103	0.8778
2414	2414-26	~183	ENVELOPE	Max	0.	0.1095	0.2234	1.0104
2414	2414-26	~175	ENVELOPE	Max	0.	3.4222	0.2554	0.7431
2414	2414-26	~174	ENVELOPE	Min	0.	-5.8397	-0.2572	-0.964
2414	2414-26	~182	ENVELOPE	Min	0.	-0.2593	-0.1533	-1.3953
2414	2414-26	~183	ENVELOPE	Min	0.	-0.1414	-0.2596	-1.5798
2414	2414-26	~175	ENVELOPE	Min	0.	-7.7973	-1.2353	-1.1484
2414	2414-27	~175	ENVELOPE	Max	0.	3.4199	0.2441	0.8111
2414	2414-27	~183	ENVELOPE	Max	0.	0.1029	0.1903	1.1184
2414	2414-27	~184	ENVELOPE	Max	0.	-0.0705	-0.1862	1.168
2414	2414-27	~176	ENVELOPE	Max	0.	4.9256	0.7951	0.8606
2414	2414-27	~175	ENVELOPE	Min	0.	-7.7916	-1.2068	-1.2016
2414	2414-27	~183	ENVELOPE	Min	0.	-0.1382	-0.2436	-1.6588
2414	2414-27	~184	ENVELOPE	Min	0.	-0.1832	-0.2885	-1.6212
2414	2414-27	~176	ENVELOPE	Min	0.	-10.045	-2.6261	-1.164
2414	2414-28	~176	ENVELOPE	Max	0.	4.922	0.777	0.8655
2414	2414-28	~184	ENVELOPE	Max	0.	-0.062	-0.1436	1.1894
2414	2414-28	~185	ENVELOPE	Max	0.	0.1187	0.1166	1.1414
2414	2414-28	~177	ENVELOPE	Max	0.	6.5085	1.7045	0.8176
2414	2414-28	~176	ENVELOPE	Min	0.	-10.0378	-2.59	-1.0565
2414	2414-28	~184	ENVELOPE	Min	0.	-0.1954	-0.3496	-1.4488
2414	2414-28	~185	ENVELOPE	Min	0.	-0.7037	-1.2385	-1.169
2414	2414-28	~177	ENVELOPE	Min	0.	-11.9586	-4.5822	-0.7767
2414	2414-29	~177	ENVELOPE	Max	0.	6.5016	1.67	0.7233
2414	2414-29	~185	ENVELOPE	Max	0.	0.1336	0.191	0.9963
2414	2414-29	~186	ENVELOPE	Max	0.	0.5689	0.8785	0.7483
2414	2414-29	~178	ENVELOPE	Max	0.	7.826	3.3342	0.4753
2414	2414-29	~177	ENVELOPE	Min	0.	-11.95	-4.5391	-0.4578
2414	2414-29	~185	ENVELOPE	Min	0.	-0.7129	-1.2844	-0.6123
2414	2414-29	~186	ENVELOPE	Min	0.	-1.5008	-2.6271	0.0126
2414	2414-29	~178	ENVELOPE	Min	0.	-12.6314	-6.8943	0.1671
2414	2414-30	~178	ENVELOPE	Max	0.	7.8152	3.2801	0.7276
2414	2414-30	~186	ENVELOPE	Max	0.	0.5936	1.0018	1.0736
2414	2414-30	~187	ENVELOPE	Max	0.	1.3994	2.6564	1.9693
2414	2414-30	~179	ENVELOPE	Max	0.	8.1747	5.845	1.6233
2414	2414-30	~178	ENVELOPE	Min	0.	-12.6268	-6.8714	0.194
2414	2414-30	~186	ENVELOPE	Min	0.	-1.4971	-2.6088	0.2621
2414	2414-30	~187	ENVELOPE	Min	0.	-2.0669	-3.9142	-0.2848

2414	2414-30	~179	ENVELOPE	Min	0.	-10.9126	-8.0158	-0.3528
2414	2414-31	~179	ENVELOPE	Max	0.	8.1657	5.8003	2.2338
2414	2414-31	~187	ENVELOPE	Max	0.	1.4188	2.7534	3.1926
2414	2414-31	~188	ENVELOPE	Max	0.	1.9607	5.1725	3.7912
2414	2414-31	~180	ENVELOPE	Max	0.	6.6077	8.3224	2.8323
2414	2414-31	~179	ENVELOPE	Min	0.	-10.9252	-8.0786	-0.8143
2414	2414-31	~187	ENVELOPE	Min	0.	-2.0334	-3.7463	-1.2386
2414	2414-31	~188	ENVELOPE	Min	0.	-1.536	-1.9044	-2.0418
2414	2414-31	~180	ENVELOPE	Min	0.	-5.5227	-3.0673	-1.6175
2414	2414-32	~180	ENVELOPE	Max	0.	6.6067	8.3174	2.9099
2414	2414-32	~188	ENVELOPE	Max	0.	1.955	5.1442	3.7211
2414	2414-32	~10	ENVELOPE	Max	0.	1.9316	10.8178	2.1737
2414	2414-32	~16	ENVELOPE	Max	0.	2.3982	19.1643	1.3626
2414	2414-32	~180	ENVELOPE	Min	0.	-5.5737	-3.322	-2.1569
2414	2414-32	~188	ENVELOPE	Min	0.	-1.4924	-1.6868	-3.294
2414	2414-32	~10	ENVELOPE	Min	0.	0.8524	5.6232	-4.2055
2414	2414-32	~16	ENVELOPE	Min	0.	1.8317	8.136	-3.0685
2414	2414-33	~181	ENVELOPE	Max	0.	1.1035	0.0114	0.6105
2414	2414-33	2	ENVELOPE	Max	0.	7.9502	0.4803	0.2824
2414	2414-33	~156	ENVELOPE	Max	0.	11.3045	1.914	0.3821
2414	2414-33	~182	ENVELOPE	Max	0.	0.4003	0.2875	0.7103
2414	2414-33	~181	ENVELOPE	Min	0.	-0.6359	-0.0818	-0.8591
2414	2414-33	2	ENVELOPE	Min	0.	-2.1188	-0.1458	-0.3742
2414	2414-33	~156	ENVELOPE	Min	0.	-4.1805	-0.6226	-0.6533
2414	2414-33	~182	ENVELOPE	Min	0.	-0.259	-0.1854	-1.1383
2414	2414-34	~182	ENVELOPE	Max	0.	0.385	0.2109	0.9029
2414	2414-34	~156	ENVELOPE	Max	0.	11.357	2.1764	0.3988
2414	2414-34	~155	ENVELOPE	Max	0.	15.591	3.1587	0.4738
2414	2414-34	~183	ENVELOPE	Max	0.	0.1252	0.2265	0.978
2414	2414-34	~182	ENVELOPE	Min	0.	-0.2523	-0.1519	-1.4622
2414	2414-34	~156	ENVELOPE	Min	0.	-4.2033	-0.7365	-0.6631
2414	2414-34	~155	ENVELOPE	Min	0.	-6.8396	-1.4386	-0.743
2414	2414-34	~183	ENVELOPE	Min	0.	-0.16	-0.2633	-1.5422
2414	2414-35	~183	ENVELOPE	Max	0.	0.1186	0.1934	1.0864
2414	2414-35	~155	ENVELOPE	Max	0.	15.5975	3.1914	0.4852
2414	2414-35	~154	ENVELOPE	Max	0.	20.0653	3.8453	0.537
2414	2414-35	~184	ENVELOPE	Max	0.	-0.0729	-0.1867	1.1382
2414	2414-35	~183	ENVELOPE	Min	0.	-0.1568	-0.2473	-1.6275
2414	2414-35	~155	ENVELOPE	Min	0.	-6.8443	-1.4618	-0.756
2414	2414-35	~154	ENVELOPE	Min	0.	-9.8665	-2.0158	-0.7588
2414	2414-35	~184	ENVELOPE	Min	0.	-0.1987	-0.2916	-1.6303
2414	2414-36	~184	ENVELOPE	Max	0.	-0.0643	-0.1441	1.1639
2414	2414-36	~154	ENVELOPE	Max	0.	20.1037	4.0374	0.5452
2414	2414-36	~153	ENVELOPE	Max	0.	23.9063	4.3638	0.526
2414	2414-36	~185	ENVELOPE	Max	0.	0.1295	0.1188	1.1447
2414	2414-36	~184	ENVELOPE	Min	0.	-0.2109	-0.3527	-1.4596
2414	2414-36	~154	ENVELOPE	Min	0.	-9.8943	-2.1552	-0.7492
2414	2414-36	~153	ENVELOPE	Min	0.	-13.0399	-2.5637	-0.5426
2414	2414-36	~185	ENVELOPE	Min	0.	-0.7724	-1.2523	-1.2531
2414	2414-37	~185	ENVELOPE	Max	0.	0.1443	0.1931	0.9969
2414	2414-37	~153	ENVELOPE	Max	0.	23.9267	4.4657	0.517
2414	2414-37	~152	ENVELOPE	Max	0.	25.3628	4.235	0.3791
2414	2414-37	~186	ENVELOPE	Max	0.	0.6247	0.8897	0.859
2414	2414-37	~185	ENVELOPE	Min	0.	-0.7815	-1.2981	-0.6788
2414	2414-37	~153	ENVELOPE	Min	0.	-13.0845	-2.7864	-0.4794
2414	2414-37	~152	ENVELOPE	Min	0.	-15.6768	-2.7091	-0.0055
2414	2414-37	~186	ENVELOPE	Min	0.	-1.5912	-2.6452	-0.205
2414	2414-38	~186	ENVELOPE	Max	0.	0.6494	1.013	0.9015

2414	2414-38	~152	ENVELOPE	Max	0.	25.3554	4.1978	0.3335
2414	2414-38	~151	ENVELOPE	Max	0.	22.1559	3.7093	0.9978
2414	2414-38	~187	ENVELOPE	Max	0.	1.4964	2.6758	1.7656
2414	2414-38	~186	ENVELOPE	Min	0.	-1.5875	-2.6269	0.367
2414	2414-38	~152	ENVELOPE	Min	0.	-15.7676	-3.1627	0.1337
2414	2414-38	~151	ENVELOPE	Min	0.	-16.2589	-2.2559	-0.1325
2414	2414-38	~187	ENVELOPE	Min	0.	-2.3824	-3.9773	-0.099
2414	2414-39	~187	ENVELOPE	Max	0.	1.5158	2.7729	3.1998
2414	2414-39	~151	ENVELOPE	Max	0.	22.036	3.1098	1.3648
2414	2414-39	~150	ENVELOPE	Max	0.	12.1665	1.6508	1.9505
2414	2414-39	~188	ENVELOPE	Max	0.	2.2165	5.2237	3.7855
2414	2414-39	~187	ENVELOPE	Min	0.	-2.3488	-3.8094	-1.1732
2414	2414-39	~151	ENVELOPE	Min	0.	-16.327	-2.5964	-0.3218
2414	2414-39	~150	ENVELOPE	Min	0.	-11.8532	0.7184	-1.0377
2414	2414-39	~188	ENVELOPE	Min	0.	-1.0374	-1.8047	-1.8891
2414	2414-40	~188	ENVELOPE	Max	0.	2.2108	5.1954	3.6109
2414	2414-40	~150	ENVELOPE	Max	0.	12.0385	1.0111	2.0044
2414	2414-40	2043	ENVELOPE	Max	0.	5.9899	3.7888	0.3953
2414	2414-40	~10	ENVELOPE	Max	0.	0.7055	10.5202	2.0018
2414	2414-40	~188	ENVELOPE	Min	0.	-0.9939	-1.5871	-3.3127
2414	2414-40	~150	ENVELOPE	Min	0.	-11.8817	0.576	-1.2586
2414	2414-40	2043	ENVELOPE	Min	0.	-0.6034	0.5284	-2.6125
2414	2414-40	~10	ENVELOPE	Min	0.	0.4439	5.5938	-4.6667

Table: Element Forces - Area Shells, Part 4 of 5

Area	AreaElem	Joint	OutputCase	StepType	MMax	MMin	MAngle	V13
					KN-m/m	KN-m/m	Degrees	KN/m
2012	2012-1	2042	ENVELOPE	Max	0.	0.	0.	1.65
2012	2012-1	~1	ENVELOPE	Max	0.	0.	0.	23.47
2012	2012-1	~2	ENVELOPE	Max	0.	0.	0.	23.47
2012	2012-1	~3	ENVELOPE	Max	0.	0.	0.	1.65
2012	2012-1	2042	ENVELOPE	Min	0.	0.	0.	-1.11
2012	2012-1	~1	ENVELOPE	Min	0.	0.	0.	20.98
2012	2012-1	~2	ENVELOPE	Min	0.	0.	0.	20.98
2012	2012-1	~3	ENVELOPE	Min	0.	0.	0.	-1.11
2012	2012-2	~3	ENVELOPE	Max	0.	0.	0.	-1.56
2012	2012-2	~2	ENVELOPE	Max	0.	0.	0.	6.11
2012	2012-2	~4	ENVELOPE	Max	0.	0.	0.	6.11
2012	2012-2	~5	ENVELOPE	Max	0.	0.	0.	-1.56
2012	2012-2	~3	ENVELOPE	Min	0.	0.	0.	-3.44
2012	2012-2	~2	ENVELOPE	Min	0.	0.	0.	3.43
2012	2012-2	~4	ENVELOPE	Min	0.	0.	0.	3.43
2012	2012-2	~5	ENVELOPE	Min	0.	0.	0.	-3.44
2012	2012-3	~5	ENVELOPE	Max	0.	0.	0.	-1.086E-12
2012	2012-3	~4	ENVELOPE	Max	0.	0.	0.	-9.401E-12
2012	2012-3	~6	ENVELOPE	Max	0.	0.	0.	-5.683E-12
2012	2012-3	~7	ENVELOPE	Max	0.	0.	0.	4.623E-12

Table: Element Forces - Area Shells, Part 4 of 5

Area	AreaElem	Joint	OutputCase	StepType	MMax	MMin	MAngle	V13
					KN-m/m	KN-m/m	Degrees	KN/m
2012	2012-3	~5	ENVELOPE	Min	0.	0.	0.	-1.442E-12
2012	2012-3	~4	ENVELOPE	Min	0.	0.	0.	-1.013E-11
2012	2012-3	~6	ENVELOPE	Min	0.	0.	0.	-6.008E-12
2012	2012-3	~7	ENVELOPE	Min	0.	0.	0.	2.726E-12
2012	2012-4	~7	ENVELOPE	Max	0.	0.	0.	3.44
2012	2012-4	~6	ENVELOPE	Max	0.	0.	0.	-3.43
2012	2012-4	~8	ENVELOPE	Max	0.	0.	0.	-3.43
2012	2012-4	~9	ENVELOPE	Max	0.	0.	0.	3.44
2012	2012-4	~7	ENVELOPE	Min	0.	0.	0.	1.56
2012	2012-4	~6	ENVELOPE	Min	0.	0.	0.	-6.11
2012	2012-4	~8	ENVELOPE	Min	0.	0.	0.	-6.11
2012	2012-4	~9	ENVELOPE	Min	0.	0.	0.	1.56
2012	2012-5	~9	ENVELOPE	Max	0.	0.	0.	1.11
2012	2012-5	~8	ENVELOPE	Max	0.	0.	0.	-20.98
2012	2012-5	~10	ENVELOPE	Max	0.	0.	0.	-20.98
2012	2012-5	2043	ENVELOPE	Max	0.	0.	0.	1.11
2012	2012-5	~9	ENVELOPE	Min	0.	0.	0.	-1.65
2012	2012-5	~8	ENVELOPE	Min	0.	0.	0.	-23.47
2012	2012-5	~10	ENVELOPE	Min	0.	0.	0.	-23.47
2012	2012-5	2043	ENVELOPE	Min	0.	0.	0.	-1.65
2012	2012-6	~1	ENVELOPE	Max	0.	0.	0.	28.45
2012	2012-6	~11	ENVELOPE	Max	0.	0.	0.	47.
2012	2012-6	~12	ENVELOPE	Max	0.	0.	0.	47.
2012	2012-6	~2	ENVELOPE	Max	0.	0.	0.	28.45
2012	2012-6	~1	ENVELOPE	Min	0.	0.	0.	25.64
2012	2012-6	~11	ENVELOPE	Min	0.	0.	0.	39.35
2012	2012-6	~12	ENVELOPE	Min	0.	0.	0.	39.35
2012	2012-6	~2	ENVELOPE	Min	0.	0.	0.	25.64
2012	2012-7	~2	ENVELOPE	Max	0.	0.	0.	8.88
2012	2012-7	~12	ENVELOPE	Max	0.	0.	0.	15.48
2012	2012-7	~13	ENVELOPE	Max	0.	0.	0.	15.48
2012	2012-7	~4	ENVELOPE	Max	0.	0.	0.	8.88
2012	2012-7	~2	ENVELOPE	Min	0.	0.	0.	8.24
2012	2012-7	~12	ENVELOPE	Min	0.	0.	0.	14.18
2012	2012-7	~13	ENVELOPE	Min	0.	0.	0.	14.18
2012	2012-7	~4	ENVELOPE	Min	0.	0.	0.	8.24
2012	2012-8	~4	ENVELOPE	Max	0.	0.	0.	-1.148E-11
2012	2012-8	~13	ENVELOPE	Max	0.	0.	0.	8.881E-12
2012	2012-8	~14	ENVELOPE	Max	0.	0.	0.	-1.675E-11
2012	2012-8	~6	ENVELOPE	Max	0.	0.	0.	2.503E-11
2012	2012-8	~4	ENVELOPE	Min	0.	0.	0.	-1.389E-11
2012	2012-8	~13	ENVELOPE	Min	0.	0.	0.	5.817E-12
2012	2012-8	~14	ENVELOPE	Min	0.	0.	0.	-3.412E-11
2012	2012-8	~6	ENVELOPE	Min	0.	0.	0.	-1.335E-12
2012	2012-9	~6	ENVELOPE	Max	0.	0.	0.	-8.24
2012	2012-9	~14	ENVELOPE	Max	0.	0.	0.	-14.18
2012	2012-9	~15	ENVELOPE	Max	0.	0.	0.	-14.18
2012	2012-9	~8	ENVELOPE	Max	0.	0.	0.	-8.24
2012	2012-9	~6	ENVELOPE	Min	0.	0.	0.	-8.88
2012	2012-9	~14	ENVELOPE	Min	0.	0.	0.	-15.48
2012	2012-9	~15	ENVELOPE	Min	0.	0.	0.	-15.48
2012	2012-9	~8	ENVELOPE	Min	0.	0.	0.	-8.88
2012	2012-10	~8	ENVELOPE	Max	0.	0.	0.	-25.64
2012	2012-10	~15	ENVELOPE	Max	0.	0.	0.	-39.35
2012	2012-10	~16	ENVELOPE	Max	0.	0.	0.	-39.35

Table: Element Forces - Area Shells, Part 4 of 5

Area	AreaElem	Joint	OutputCase	StepType	MMax	MMin	MAngle	V13
					KN-m/m	KN-m/m	Degrees	KN/m
2012	2012-10	~10	ENVELOPE	Max	0.	0.	0.	-25.64
2012	2012-10	~8	ENVELOPE	Min	0.	0.	0.	-28.45
2012	2012-10	~15	ENVELOPE	Min	0.	0.	0.	-47.
2012	2012-10	~16	ENVELOPE	Min	0.	0.	0.	-47.
2012	2012-10	~10	ENVELOPE	Min	0.	0.	0.	-28.45
2012	2012-11	~11	ENVELOPE	Max	0.	0.	0.	47.76
2012	2012-11	~17	ENVELOPE	Max	0.	0.	0.	47.76
2012	2012-11	~18	ENVELOPE	Max	0.	0.	0.	47.76
2012	2012-11	~12	ENVELOPE	Max	0.	0.	0.	47.76
2012	2012-11	~11	ENVELOPE	Min	0.	0.	0.	41.14
2012	2012-11	~17	ENVELOPE	Min	0.	0.	0.	41.14
2012	2012-11	~18	ENVELOPE	Min	0.	0.	0.	41.14
2012	2012-11	~12	ENVELOPE	Min	0.	0.	0.	41.14
2012	2012-12	~12	ENVELOPE	Max	0.	0.	0.	16.42
2012	2012-12	~18	ENVELOPE	Max	0.	0.	0.	16.42
2012	2012-12	~19	ENVELOPE	Max	0.	0.	0.	16.42
2012	2012-12	~13	ENVELOPE	Max	0.	0.	0.	16.42
2012	2012-12	~12	ENVELOPE	Min	0.	0.	0.	15.
2012	2012-12	~18	ENVELOPE	Min	0.	0.	0.	15.
2012	2012-12	~19	ENVELOPE	Min	0.	0.	0.	15.
2012	2012-12	~13	ENVELOPE	Min	0.	0.	0.	15.
2012	2012-13	~13	ENVELOPE	Max	0.	0.	0.	1.329E-12
2012	2012-13	~19	ENVELOPE	Max	0.	0.	0.	-2.890E-12
2012	2012-13	~20	ENVELOPE	Max	0.	0.	0.	7.930E-13
2012	2012-13	~14	ENVELOPE	Max	0.	0.	0.	-6.779E-12
2012	2012-13	~13	ENVELOPE	Min	0.	0.	0.	2.319E-14
2012	2012-13	~19	ENVELOPE	Min	0.	0.	0.	-1.741E-11
2012	2012-13	~20	ENVELOPE	Min	0.	0.	0.	-2.632E-11
2012	2012-13	~14	ENVELOPE	Min	0.	0.	0.	-1.146E-11
2012	2012-14	~14	ENVELOPE	Max	0.	0.	0.	-15.
2012	2012-14	~20	ENVELOPE	Max	0.	0.	0.	-15.
2012	2012-14	~21	ENVELOPE	Max	0.	0.	0.	-15.
2012	2012-14	~15	ENVELOPE	Max	0.	0.	0.	-15.
2012	2012-14	~14	ENVELOPE	Min	0.	0.	0.	-16.42
2012	2012-14	~20	ENVELOPE	Min	0.	0.	0.	-16.42
2012	2012-14	~21	ENVELOPE	Min	0.	0.	0.	-16.42
2012	2012-14	~15	ENVELOPE	Min	0.	0.	0.	-16.42
2012	2012-15	~15	ENVELOPE	Max	0.	0.	0.	-41.14
2012	2012-15	~21	ENVELOPE	Max	0.	0.	0.	-41.14
2012	2012-15	~22	ENVELOPE	Max	0.	0.	0.	-41.14
2012	2012-15	~16	ENVELOPE	Max	0.	0.	0.	-41.14
2012	2012-15	~15	ENVELOPE	Min	0.	0.	0.	-47.76
2012	2012-15	~21	ENVELOPE	Min	0.	0.	0.	-47.76
2012	2012-15	~22	ENVELOPE	Min	0.	0.	0.	-47.76
2012	2012-15	~16	ENVELOPE	Min	0.	0.	0.	-47.76
2012	2012-16	~17	ENVELOPE	Max	0.	0.	0.	47.
2012	2012-16	~23	ENVELOPE	Max	0.	0.	0.	28.45
2012	2012-16	~24	ENVELOPE	Max	0.	0.	0.	28.45
2012	2012-16	~18	ENVELOPE	Max	0.	0.	0.	47.
2012	2012-16	~17	ENVELOPE	Min	0.	0.	0.	39.35
2012	2012-16	~23	ENVELOPE	Min	0.	0.	0.	25.64
2012	2012-16	~24	ENVELOPE	Min	0.	0.	0.	25.64
2012	2012-16	~18	ENVELOPE	Min	0.	0.	0.	39.35
2012	2012-17	~18	ENVELOPE	Max	0.	0.	0.	15.48
2012	2012-17	~24	ENVELOPE	Max	0.	0.	0.	8.88

Table: Element Forces - Area Shells, Part 4 of 5

Area	AreaElem	Joint	OutputCase	StepType	MMax	MMin	MAngle	V13
					KN-m/m	KN-m/m	Degrees	KN/m
2012	2012-17	~25	ENVELOPE	Max	0.	0.	0.	8.88
2012	2012-17	~19	ENVELOPE	Max	0.	0.	0.	15.48
2012	2012-17	~18	ENVELOPE	Min	0.	0.	0.	14.18
2012	2012-17	~24	ENVELOPE	Min	0.	0.	0.	8.24
2012	2012-17	~25	ENVELOPE	Min	0.	0.	0.	8.24
2012	2012-17	~19	ENVELOPE	Min	0.	0.	0.	14.18
2012	2012-18	~19	ENVELOPE	Max	0.	0.	0.	-7.256E-12
2012	2012-18	~25	ENVELOPE	Max	0.	0.	0.	5.588E-12
2012	2012-18	~26	ENVELOPE	Max	0.	0.	0.	3.284E-12
2012	2012-18	~20	ENVELOPE	Max	0.	0.	0.	-2.004E-12
2012	2012-18	~19	ENVELOPE	Min	0.	0.	0.	-8.451E-12
2012	2012-18	~25	ENVELOPE	Min	0.	0.	0.	-2.307E-11
2012	2012-18	~26	ENVELOPE	Min	0.	0.	0.	-2.513E-11
2012	2012-18	~20	ENVELOPE	Min	0.	0.	0.	-1.399E-11
2012	2012-19	~20	ENVELOPE	Max	0.	0.	0.	-14.18
2012	2012-19	~26	ENVELOPE	Max	0.	0.	0.	-8.24
2012	2012-19	~27	ENVELOPE	Max	0.	0.	0.	-8.24
2012	2012-19	~21	ENVELOPE	Max	0.	0.	0.	-14.18
2012	2012-19	~20	ENVELOPE	Min	0.	0.	0.	-15.48
2012	2012-19	~26	ENVELOPE	Min	0.	0.	0.	-8.88
2012	2012-19	~27	ENVELOPE	Min	0.	0.	0.	-8.88
2012	2012-19	~21	ENVELOPE	Min	0.	0.	0.	-15.48
2012	2012-20	~21	ENVELOPE	Max	0.	0.	0.	-39.35
2012	2012-20	~27	ENVELOPE	Max	0.	0.	0.	-25.64
2012	2012-20	~28	ENVELOPE	Max	0.	0.	0.	-25.64
2012	2012-20	~22	ENVELOPE	Max	0.	0.	0.	-39.35
2012	2012-20	~21	ENVELOPE	Min	0.	0.	0.	-47.
2012	2012-20	~27	ENVELOPE	Min	0.	0.	0.	-28.45
2012	2012-20	~28	ENVELOPE	Min	0.	0.	0.	-28.45
2012	2012-20	~22	ENVELOPE	Min	0.	0.	0.	-47.
2012	2012-21	~23	ENVELOPE	Max	0.	0.	0.	23.47
2012	2012-21	2045	ENVELOPE	Max	0.	0.	0.	1.65
2012	2012-21	~29	ENVELOPE	Max	0.	0.	0.	1.65
2012	2012-21	~24	ENVELOPE	Max	0.	0.	0.	23.47
2012	2012-21	~23	ENVELOPE	Min	0.	0.	0.	20.98
2012	2012-21	2045	ENVELOPE	Min	0.	0.	0.	-1.11
2012	2012-21	~29	ENVELOPE	Min	0.	0.	0.	-1.11
2012	2012-21	~24	ENVELOPE	Min	0.	0.	0.	20.98
2012	2012-22	~24	ENVELOPE	Max	0.	0.	0.	6.11
2012	2012-22	~29	ENVELOPE	Max	0.	0.	0.	-1.56
2012	2012-22	~30	ENVELOPE	Max	0.	0.	0.	-1.56
2012	2012-22	~25	ENVELOPE	Max	0.	0.	0.	6.11
2012	2012-22	~24	ENVELOPE	Min	0.	0.	0.	3.43
2012	2012-22	~29	ENVELOPE	Min	0.	0.	0.	-3.44
2012	2012-22	~30	ENVELOPE	Min	0.	0.	0.	-3.44
2012	2012-22	~25	ENVELOPE	Min	0.	0.	0.	3.43
2012	2012-23	~25	ENVELOPE	Max	0.	0.	0.	-2.749E-12
2012	2012-23	~30	ENVELOPE	Max	0.	0.	0.	5.664E-12
2012	2012-23	~31	ENVELOPE	Max	0.	0.	0.	1.800E-11
2012	2012-23	~26	ENVELOPE	Max	0.	0.	0.	-1.421E-12
2012	2012-23	~25	ENVELOPE	Min	0.	0.	0.	-1.637E-11
2012	2012-23	~30	ENVELOPE	Min	0.	0.	0.	1.087E-12
2012	2012-23	~31	ENVELOPE	Min	0.	0.	0.	-1.748E-12
2012	2012-23	~26	ENVELOPE	Min	0.	0.	0.	-3.221E-11
2012	2012-24	~26	ENVELOPE	Max	0.	0.	0.	-3.43

Table: Element Forces - Area Shells, Part 4 of 5

Area	AreaElem	Joint	OutputCase	StepType	MMax	MMin	MAngle	V13
					KN-m/m	KN-m/m	Degrees	KN/m
2012	2012-24	~31	ENVELOPE	Max	0.	0.	0.	3.44
2012	2012-24	~32	ENVELOPE	Max	0.	0.	0.	3.44
2012	2012-24	~27	ENVELOPE	Max	0.	0.	0.	-3.43
2012	2012-24	~26	ENVELOPE	Min	0.	0.	0.	-6.11
2012	2012-24	~31	ENVELOPE	Min	0.	0.	0.	1.56
2012	2012-24	~32	ENVELOPE	Min	0.	0.	0.	1.56
2012	2012-24	~27	ENVELOPE	Min	0.	0.	0.	-6.11
2012	2012-25	~27	ENVELOPE	Max	0.	0.	0.	-20.98
2012	2012-25	~32	ENVELOPE	Max	0.	0.	0.	1.11
2012	2012-25	2044	ENVELOPE	Max	0.	0.	0.	1.11
2012	2012-25	~28	ENVELOPE	Max	0.	0.	0.	-20.98
2012	2012-25	~27	ENVELOPE	Min	0.	0.	0.	-23.47
2012	2012-25	~32	ENVELOPE	Min	0.	0.	0.	-1.65
2012	2012-25	2044	ENVELOPE	Min	0.	0.	0.	-1.65
2012	2012-25	~28	ENVELOPE	Min	0.	0.	0.	-23.47
2114	2114-1	1	ENVELOPE	Max	0.	0.	0.	2.94
2114	2114-1	~33	ENVELOPE	Max	0.	0.	0.	2.94
2114	2114-1	~34	ENVELOPE	Max	0.	0.	0.	8.13
2114	2114-1	~35	ENVELOPE	Max	0.	0.	0.	8.13
2114	2114-1	1	ENVELOPE	Min	0.	0.	0.	-13.96
2114	2114-1	~33	ENVELOPE	Min	0.	0.	0.	-13.96
2114	2114-1	~34	ENVELOPE	Min	0.	0.	0.	-22.6
2114	2114-1	~35	ENVELOPE	Min	0.	0.	0.	-22.6
2114	2114-2	~35	ENVELOPE	Max	0.	0.	0.	8.24
2114	2114-2	~34	ENVELOPE	Max	0.	0.	0.	8.24
2114	2114-2	~36	ENVELOPE	Max	0.	0.	0.	14.05
2114	2114-2	~37	ENVELOPE	Max	0.	0.	0.	14.05
2114	2114-2	~35	ENVELOPE	Min	0.	0.	0.	-23.17
2114	2114-2	~34	ENVELOPE	Min	0.	0.	0.	-23.17
2114	2114-2	~36	ENVELOPE	Min	0.	0.	0.	-32.73
2114	2114-2	~37	ENVELOPE	Min	0.	0.	0.	-32.73
2114	2114-3	~37	ENVELOPE	Max	0.	0.	0.	14.12
2114	2114-3	~36	ENVELOPE	Max	0.	0.	0.	14.12
2114	2114-3	~38	ENVELOPE	Max	0.	0.	0.	20.73
2114	2114-3	~39	ENVELOPE	Max	0.	0.	0.	20.73
2114	2114-3	~37	ENVELOPE	Min	0.	0.	0.	-32.93
2114	2114-3	~36	ENVELOPE	Min	0.	0.	0.	-32.93
2114	2114-3	~38	ENVELOPE	Min	0.	0.	0.	-43.11
2114	2114-3	~39	ENVELOPE	Min	0.	0.	0.	-43.11
2114	2114-4	~39	ENVELOPE	Max	0.	0.	0.	20.96
2114	2114-4	~38	ENVELOPE	Max	0.	0.	0.	20.96
2114	2114-4	~40	ENVELOPE	Max	0.	0.	0.	28.06
2114	2114-4	~41	ENVELOPE	Max	0.	0.	0.	28.06
2114	2114-4	~39	ENVELOPE	Min	0.	0.	0.	-43.67
2114	2114-4	~38	ENVELOPE	Min	0.	0.	0.	-43.67
2114	2114-4	~40	ENVELOPE	Min	0.	0.	0.	-52.95
2114	2114-4	~41	ENVELOPE	Min	0.	0.	0.	-52.95
2114	2114-5	~41	ENVELOPE	Max	0.	0.	0.	28.44
2114	2114-5	~40	ENVELOPE	Max	0.	0.	0.	28.44
2114	2114-5	~42	ENVELOPE	Max	0.	0.	0.	34.98
2114	2114-5	~43	ENVELOPE	Max	0.	0.	0.	34.98
2114	2114-5	~41	ENVELOPE	Min	0.	0.	0.	-53.6
2114	2114-5	~40	ENVELOPE	Min	0.	0.	0.	-53.6
2114	2114-5	~42	ENVELOPE	Min	0.	0.	0.	-58.37
2114	2114-5	~43	ENVELOPE	Min	0.	0.	0.	-58.37

Table: Element Forces - Area Shells, Part 4 of 5

Area	AreaElem	Joint	OutputCase	StepType	MMax	MMin	MAngle	V13
					KN-m/m	KN-m/m	Degrees	KN/m
2114	2114-6	~43	ENVELOPE	Max	0.	0.	0.	35.94
2114	2114-6	~42	ENVELOPE	Max	0.	0.	0.	35.94
2114	2114-6	~44	ENVELOPE	Max	0.	0.	0.	38.78
2114	2114-6	~45	ENVELOPE	Max	0.	0.	0.	38.78
2114	2114-6	~43	ENVELOPE	Min	0.	0.	0.	-59.19
2114	2114-6	~42	ENVELOPE	Min	0.	0.	0.	-59.19
2114	2114-6	~44	ENVELOPE	Min	0.	0.	0.	-54.08
2114	2114-6	~45	ENVELOPE	Min	0.	0.	0.	-54.08
2114	2114-7	~45	ENVELOPE	Max	0.	0.	0.	39.51
2114	2114-7	~44	ENVELOPE	Max	0.	0.	0.	39.51
2114	2114-7	~46	ENVELOPE	Max	0.	0.	0.	31.48
2114	2114-7	~47	ENVELOPE	Max	0.	0.	0.	31.48
2114	2114-7	~45	ENVELOPE	Min	0.	0.	0.	-53.15
2114	2114-7	~44	ENVELOPE	Min	0.	0.	0.	-53.15
2114	2114-7	~46	ENVELOPE	Min	0.	0.	0.	-29.36
2114	2114-7	~47	ENVELOPE	Min	0.	0.	0.	-29.36
2114	2114-8	~47	ENVELOPE	Max	0.	0.	0.	32.91
2114	2114-8	~46	ENVELOPE	Max	0.	0.	0.	32.91
2114	2114-8	~1	ENVELOPE	Max	0.	0.	0.	5.71
2114	2114-8	2042	ENVELOPE	Max	0.	0.	0.	5.71
2114	2114-8	~47	ENVELOPE	Min	0.	0.	0.	-24.25
2114	2114-8	~46	ENVELOPE	Min	0.	0.	0.	-24.25
2114	2114-8	~1	ENVELOPE	Min	0.	0.	0.	-8.32
2114	2114-8	2042	ENVELOPE	Min	0.	0.	0.	-8.32
2114	2114-9	~33	ENVELOPE	Max	0.	0.	0.	4.11
2114	2114-9	~48	ENVELOPE	Max	0.	0.	0.	4.11
2114	2114-9	~49	ENVELOPE	Max	0.	0.	0.	4.93
2114	2114-9	~34	ENVELOPE	Max	0.	0.	0.	4.93
2114	2114-9	~33	ENVELOPE	Min	0.	0.	0.	-11.6
2114	2114-9	~48	ENVELOPE	Min	0.	0.	0.	-11.6
2114	2114-9	~49	ENVELOPE	Min	0.	0.	0.	-12.42
2114	2114-9	~34	ENVELOPE	Min	0.	0.	0.	-12.42
2114	2114-10	~34	ENVELOPE	Max	0.	0.	0.	5.
2114	2114-10	~49	ENVELOPE	Max	0.	0.	0.	5.
2114	2114-10	~50	ENVELOPE	Max	0.	0.	0.	7.3
2114	2114-10	~36	ENVELOPE	Max	0.	0.	0.	7.3
2114	2114-10	~34	ENVELOPE	Min	0.	0.	0.	-12.84
2114	2114-10	~49	ENVELOPE	Min	0.	0.	0.	-12.84
2114	2114-10	~50	ENVELOPE	Min	0.	0.	0.	-16.42
2114	2114-10	~36	ENVELOPE	Min	0.	0.	0.	-16.42
2114	2114-11	~36	ENVELOPE	Max	0.	0.	0.	7.46
2114	2114-11	~50	ENVELOPE	Max	0.	0.	0.	7.46
2114	2114-11	~51	ENVELOPE	Max	0.	0.	0.	10.52
2114	2114-11	~38	ENVELOPE	Max	0.	0.	0.	10.52
2114	2114-11	~36	ENVELOPE	Min	0.	0.	0.	-16.88
2114	2114-11	~50	ENVELOPE	Min	0.	0.	0.	-16.88
2114	2114-11	~51	ENVELOPE	Min	0.	0.	0.	-21.06
2114	2114-11	~38	ENVELOPE	Min	0.	0.	0.	-21.06
2114	2114-12	~38	ENVELOPE	Max	0.	0.	0.	10.71
2114	2114-12	~51	ENVELOPE	Max	0.	0.	0.	10.71
2114	2114-12	~52	ENVELOPE	Max	0.	0.	0.	13.7
2114	2114-12	~40	ENVELOPE	Max	0.	0.	0.	13.7
2114	2114-12	~38	ENVELOPE	Min	0.	0.	0.	-21.55
2114	2114-12	~51	ENVELOPE	Min	0.	0.	0.	-21.55
2114	2114-12	~52	ENVELOPE	Min	0.	0.	0.	-24.55

Table: Element Forces - Area Shells, Part 4 of 5

Area	AreaElem	Joint	OutputCase	StepType	MMax	MMin	MAngle	V13
					KN-m/m	KN-m/m	Degrees	KN/m
2114	2114-12	~40	ENVELOPE	Min	0.	0.	0.	-24.55
2114	2114-13	~40	ENVELOPE	Max	0.	0.	0.	14.09
2114	2114-13	~52	ENVELOPE	Max	0.	0.	0.	14.09
2114	2114-13	~53	ENVELOPE	Max	0.	0.	0.	15.98
2114	2114-13	~42	ENVELOPE	Max	0.	0.	0.	15.98
2114	2114-13	~40	ENVELOPE	Min	0.	0.	0.	-25.26
2114	2114-13	~52	ENVELOPE	Min	0.	0.	0.	-25.26
2114	2114-13	~53	ENVELOPE	Min	0.	0.	0.	-25.03
2114	2114-13	~42	ENVELOPE	Min	0.	0.	0.	-25.03
2114	2114-14	~42	ENVELOPE	Max	0.	0.	0.	16.55
2114	2114-14	~53	ENVELOPE	Max	0.	0.	0.	16.55
2114	2114-14	~54	ENVELOPE	Max	0.	0.	0.	15.6
2114	2114-14	~44	ENVELOPE	Max	0.	0.	0.	15.6
2114	2114-14	~42	ENVELOPE	Min	0.	0.	0.	-25.62
2114	2114-14	~53	ENVELOPE	Min	0.	0.	0.	-25.62
2114	2114-14	~54	ENVELOPE	Min	0.	0.	0.	-20.76
2114	2114-14	~44	ENVELOPE	Min	0.	0.	0.	-20.76
2114	2114-15	~44	ENVELOPE	Max	0.	0.	0.	16.09
2114	2114-15	~54	ENVELOPE	Max	0.	0.	0.	16.09
2114	2114-15	~55	ENVELOPE	Max	0.	0.	0.	11.62
2114	2114-15	~46	ENVELOPE	Max	0.	0.	0.	11.62
2114	2114-15	~44	ENVELOPE	Min	0.	0.	0.	-20.21
2114	2114-15	~54	ENVELOPE	Min	0.	0.	0.	-20.21
2114	2114-15	~55	ENVELOPE	Min	0.	0.	0.	-9.78
2114	2114-15	~46	ENVELOPE	Min	0.	0.	0.	-9.78
2114	2114-16	~46	ENVELOPE	Max	0.	0.	0.	11.87
2114	2114-16	~55	ENVELOPE	Max	0.	0.	0.	11.87
2114	2114-16	~11	ENVELOPE	Max	0.	0.	0.	5.26
2114	2114-16	~1	ENVELOPE	Max	0.	0.	0.	5.26
2114	2114-16	~46	ENVELOPE	Min	0.	0.	0.	-5.34
2114	2114-16	~55	ENVELOPE	Min	0.	0.	0.	-5.34
2114	2114-16	~11	ENVELOPE	Min	0.	0.	0.	3.13
2114	2114-16	~1	ENVELOPE	Min	0.	0.	0.	3.13
2114	2114-17	~48	ENVELOPE	Max	0.	0.	0.	-6.121E-13
2114	2114-17	~56	ENVELOPE	Max	0.	0.	0.	-7.207E-13
2114	2114-17	~57	ENVELOPE	Max	0.	0.	0.	-4.318E-13
2114	2114-17	~49	ENVELOPE	Max	0.	0.	0.	-4.838E-13
2114	2114-17	~48	ENVELOPE	Min	0.	0.	0.	-3.187E-12
2114	2114-17	~56	ENVELOPE	Min	0.	0.	0.	-3.151E-12
2114	2114-17	~57	ENVELOPE	Min	0.	0.	0.	-2.325E-12
2114	2114-17	~49	ENVELOPE	Min	0.	0.	0.	-2.293E-12
2114	2114-18	~49	ENVELOPE	Max	0.	0.	0.	-7.096E-13
2114	2114-18	~57	ENVELOPE	Max	0.	0.	0.	-5.323E-13
2114	2114-18	~58	ENVELOPE	Max	0.	0.	0.	-6.563E-13
2114	2114-18	~50	ENVELOPE	Max	0.	0.	0.	-2.939E-13
2114	2114-18	~49	ENVELOPE	Min	0.	0.	0.	-2.517E-12
2114	2114-18	~57	ENVELOPE	Min	0.	0.	0.	-2.618E-12
2114	2114-18	~58	ENVELOPE	Min	0.	0.	0.	-2.252E-12
2114	2114-18	~50	ENVELOPE	Min	0.	0.	0.	-2.419E-12
2114	2114-19	~50	ENVELOPE	Max	0.	0.	0.	-6.141E-13
2114	2114-19	~58	ENVELOPE	Max	0.	0.	0.	-4.579E-13
2114	2114-19	~59	ENVELOPE	Max	0.	0.	0.	-3.369E-13
2114	2114-19	~51	ENVELOPE	Max	0.	0.	0.	-3.887E-13
2114	2114-19	~50	ENVELOPE	Min	0.	0.	0.	-2.135E-12
2114	2114-19	~58	ENVELOPE	Min	0.	0.	0.	-2.135E-12

Table: Element Forces - Area Shells, Part 4 of 5

Area	AreaElem	Joint	OutputCase	StepType	MMax	MMin	MAngle	V13
					KN-m/m	KN-m/m	Degrees	KN/m
2114	2114-19	~59	ENVELOPE	Min	0.	0.	0.	-2.447E-12
2114	2114-19	~51	ENVELOPE	Min	0.	0.	0.	-2.359E-12
2114	2114-20	~51	ENVELOPE	Max	0.	0.	0.	-3.004E-13
2114	2114-20	~59	ENVELOPE	Max	0.	0.	0.	-3.608E-13
2114	2114-20	~60	ENVELOPE	Max	0.	0.	0.	-4.047E-13
2114	2114-20	~52	ENVELOPE	Max	0.	0.	0.	-4.437E-13
2114	2114-20	~51	ENVELOPE	Min	0.	0.	0.	-2.546E-12
2114	2114-20	~59	ENVELOPE	Min	0.	0.	0.	-2.471E-12
2114	2114-20	~60	ENVELOPE	Min	0.	0.	0.	-1.499E-12
2114	2114-20	~52	ENVELOPE	Min	0.	0.	0.	-1.479E-12
2114	2114-21	~52	ENVELOPE	Max	0.	0.	0.	-2.192E-13
2114	2114-21	~60	ENVELOPE	Max	0.	0.	0.	-4.405E-13
2114	2114-21	~61	ENVELOPE	Max	0.	0.	0.	-6.386E-14
2114	2114-21	~53	ENVELOPE	Max	0.	0.	0.	-5.256E-14
2114	2114-21	~52	ENVELOPE	Min	0.	0.	0.	-1.198E-12
2114	2114-21	~60	ENVELOPE	Min	0.	0.	0.	-1.035E-12
2114	2114-21	~61	ENVELOPE	Min	0.	0.	0.	-1.441E-12
2114	2114-21	~53	ENVELOPE	Min	0.	0.	0.	-1.418E-12
2114	2114-22	~53	ENVELOPE	Max	0.	0.	0.	-8.979E-15
2114	2114-22	~61	ENVELOPE	Max	0.	0.	0.	5.378E-14
2114	2114-22	~62	ENVELOPE	Max	0.	0.	0.	-3.457E-14
2114	2114-22	~54	ENVELOPE	Max	0.	0.	0.	2.145E-13
2114	2114-22	~53	ENVELOPE	Min	0.	0.	0.	-1.432E-12
2114	2114-22	~61	ENVELOPE	Min	0.	0.	0.	-1.562E-12
2114	2114-22	~62	ENVELOPE	Min	0.	0.	0.	-9.536E-14
2114	2114-22	~54	ENVELOPE	Min	0.	0.	0.	-3.534E-13
2114	2114-23	~54	ENVELOPE	Max	0.	0.	0.	3.422E-13
2114	2114-23	~62	ENVELOPE	Max	0.	0.	0.	4.116E-13
2114	2114-23	~63	ENVELOPE	Max	0.	0.	0.	8.237E-13
2114	2114-23	~55	ENVELOPE	Max	0.	0.	0.	9.185E-13
2114	2114-23	~54	ENVELOPE	Min	0.	0.	0.	3.343E-13
2114	2114-23	~62	ENVELOPE	Min	0.	0.	0.	2.578E-13
2114	2114-23	~63	ENVELOPE	Min	0.	0.	0.	7.678E-13
2114	2114-23	~55	ENVELOPE	Min	0.	0.	0.	6.848E-13
2114	2114-24	~55	ENVELOPE	Max	0.	0.	0.	6.388E-13
2114	2114-24	~63	ENVELOPE	Max	0.	0.	0.	6.221E-13
2114	2114-24	~17	ENVELOPE	Max	0.	0.	0.	6.308E-13
2114	2114-24	~11	ENVELOPE	Max	0.	0.	0.	6.252E-13
2114	2114-24	~55	ENVELOPE	Min	0.	0.	0.	-2.459E-13
2114	2114-24	~63	ENVELOPE	Min	0.	0.	0.	-2.534E-13
2114	2114-24	~17	ENVELOPE	Min	0.	0.	0.	-3.554E-13
2114	2114-24	~11	ENVELOPE	Min	0.	0.	0.	-2.988E-13
2114	2114-25	~56	ENVELOPE	Max	0.	0.	0.	11.6
2114	2114-25	~64	ENVELOPE	Max	0.	0.	0.	11.6
2114	2114-25	~65	ENVELOPE	Max	0.	0.	0.	12.42
2114	2114-25	~57	ENVELOPE	Max	0.	0.	0.	12.42
2114	2114-25	~56	ENVELOPE	Min	0.	0.	0.	-4.11
2114	2114-25	~64	ENVELOPE	Min	0.	0.	0.	-4.11
2114	2114-25	~65	ENVELOPE	Min	0.	0.	0.	-4.93
2114	2114-25	~57	ENVELOPE	Min	0.	0.	0.	-4.93
2114	2114-26	~57	ENVELOPE	Max	0.	0.	0.	12.84
2114	2114-26	~65	ENVELOPE	Max	0.	0.	0.	12.84
2114	2114-26	~66	ENVELOPE	Max	0.	0.	0.	16.42
2114	2114-26	~58	ENVELOPE	Max	0.	0.	0.	16.42
2114	2114-26	~57	ENVELOPE	Min	0.	0.	0.	-5.

Table: Element Forces - Area Shells, Part 4 of 5

Area	AreaElem	Joint	OutputCase	StepType	MMax	MMin	MAngle	V13
					KN-m/m	KN-m/m	Degrees	KN/m
2114	2114-26	~65	ENVELOPE	Min	0.	0.	0.	-5.
2114	2114-26	~66	ENVELOPE	Min	0.	0.	0.	-7.3
2114	2114-26	~58	ENVELOPE	Min	0.	0.	0.	-7.3
2114	2114-27	~58	ENVELOPE	Max	0.	0.	0.	16.88
2114	2114-27	~66	ENVELOPE	Max	0.	0.	0.	16.88
2114	2114-27	~67	ENVELOPE	Max	0.	0.	0.	21.06
2114	2114-27	~59	ENVELOPE	Max	0.	0.	0.	21.06
2114	2114-27	~58	ENVELOPE	Min	0.	0.	0.	-7.46
2114	2114-27	~66	ENVELOPE	Min	0.	0.	0.	-7.46
2114	2114-27	~67	ENVELOPE	Min	0.	0.	0.	-10.52
2114	2114-27	~59	ENVELOPE	Min	0.	0.	0.	-10.52
2114	2114-28	~59	ENVELOPE	Max	0.	0.	0.	21.55
2114	2114-28	~67	ENVELOPE	Max	0.	0.	0.	21.55
2114	2114-28	~68	ENVELOPE	Max	0.	0.	0.	24.55
2114	2114-28	~60	ENVELOPE	Max	0.	0.	0.	24.55
2114	2114-28	~59	ENVELOPE	Min	0.	0.	0.	-10.71
2114	2114-28	~67	ENVELOPE	Min	0.	0.	0.	-10.71
2114	2114-28	~68	ENVELOPE	Min	0.	0.	0.	-13.7
2114	2114-28	~60	ENVELOPE	Min	0.	0.	0.	-13.7
2114	2114-29	~60	ENVELOPE	Max	0.	0.	0.	25.26
2114	2114-29	~68	ENVELOPE	Max	0.	0.	0.	25.26
2114	2114-29	~69	ENVELOPE	Max	0.	0.	0.	25.03
2114	2114-29	~61	ENVELOPE	Max	0.	0.	0.	25.03
2114	2114-29	~60	ENVELOPE	Min	0.	0.	0.	-14.09
2114	2114-29	~68	ENVELOPE	Min	0.	0.	0.	-14.09
2114	2114-29	~69	ENVELOPE	Min	0.	0.	0.	-15.98
2114	2114-29	~61	ENVELOPE	Min	0.	0.	0.	-15.98
2114	2114-30	~61	ENVELOPE	Max	0.	0.	0.	25.62
2114	2114-30	~69	ENVELOPE	Max	0.	0.	0.	25.62
2114	2114-30	~70	ENVELOPE	Max	0.	0.	0.	20.76
2114	2114-30	~62	ENVELOPE	Max	0.	0.	0.	20.76
2114	2114-30	~61	ENVELOPE	Min	0.	0.	0.	-16.55
2114	2114-30	~69	ENVELOPE	Min	0.	0.	0.	-16.55
2114	2114-30	~70	ENVELOPE	Min	0.	0.	0.	-15.6
2114	2114-30	~62	ENVELOPE	Min	0.	0.	0.	-15.6
2114	2114-31	~62	ENVELOPE	Max	0.	0.	0.	20.21
2114	2114-31	~70	ENVELOPE	Max	0.	0.	0.	20.21
2114	2114-31	~71	ENVELOPE	Max	0.	0.	0.	9.78
2114	2114-31	~63	ENVELOPE	Max	0.	0.	0.	9.78
2114	2114-31	~62	ENVELOPE	Min	0.	0.	0.	-16.09
2114	2114-31	~70	ENVELOPE	Min	0.	0.	0.	-16.09
2114	2114-31	~71	ENVELOPE	Min	0.	0.	0.	-11.62
2114	2114-31	~63	ENVELOPE	Min	0.	0.	0.	-11.62
2114	2114-32	~63	ENVELOPE	Max	0.	0.	0.	5.34
2114	2114-32	~71	ENVELOPE	Max	0.	0.	0.	5.34
2114	2114-32	~23	ENVELOPE	Max	0.	0.	0.	-3.13
2114	2114-32	~17	ENVELOPE	Max	0.	0.	0.	-3.13
2114	2114-32	~63	ENVELOPE	Min	0.	0.	0.	-11.87
2114	2114-32	~71	ENVELOPE	Min	0.	0.	0.	-11.87
2114	2114-32	~23	ENVELOPE	Min	0.	0.	0.	-5.26
2114	2114-32	~17	ENVELOPE	Min	0.	0.	0.	-5.26
2114	2114-33	~64	ENVELOPE	Max	0.	0.	0.	13.96
2114	2114-33	3	ENVELOPE	Max	0.	0.	0.	13.96
2114	2114-33	~72	ENVELOPE	Max	0.	0.	0.	22.6
2114	2114-33	~65	ENVELOPE	Max	0.	0.	0.	22.6

Table: Element Forces - Area Shells, Part 4 of 5

Area	AreaElem	Joint	OutputCase	StepType	MMax	MMin	MAngle	V13
					KN-m/m	KN-m/m	Degrees	KN/m
2114	2114-33	~64	ENVELOPE	Min	0.	0.	0.	-2.94
2114	2114-33	3	ENVELOPE	Min	0.	0.	0.	-2.94
2114	2114-33	~72	ENVELOPE	Min	0.	0.	0.	-8.13
2114	2114-33	~65	ENVELOPE	Min	0.	0.	0.	-8.13
2114	2114-34	~65	ENVELOPE	Max	0.	0.	0.	23.17
2114	2114-34	~72	ENVELOPE	Max	0.	0.	0.	23.17
2114	2114-34	~73	ENVELOPE	Max	0.	0.	0.	32.73
2114	2114-34	~66	ENVELOPE	Max	0.	0.	0.	32.73
2114	2114-34	~65	ENVELOPE	Min	0.	0.	0.	-8.24
2114	2114-34	~72	ENVELOPE	Min	0.	0.	0.	-8.24
2114	2114-34	~73	ENVELOPE	Min	0.	0.	0.	-14.05
2114	2114-34	~66	ENVELOPE	Min	0.	0.	0.	-14.05
2114	2114-35	~66	ENVELOPE	Max	0.	0.	0.	32.93
2114	2114-35	~73	ENVELOPE	Max	0.	0.	0.	32.93
2114	2114-35	~74	ENVELOPE	Max	0.	0.	0.	43.11
2114	2114-35	~67	ENVELOPE	Max	0.	0.	0.	43.11
2114	2114-35	~66	ENVELOPE	Min	0.	0.	0.	-14.12
2114	2114-35	~73	ENVELOPE	Min	0.	0.	0.	-14.12
2114	2114-35	~74	ENVELOPE	Min	0.	0.	0.	-20.73
2114	2114-35	~67	ENVELOPE	Min	0.	0.	0.	-20.73
2114	2114-36	~67	ENVELOPE	Max	0.	0.	0.	43.67
2114	2114-36	~74	ENVELOPE	Max	0.	0.	0.	43.67
2114	2114-36	~75	ENVELOPE	Max	0.	0.	0.	52.95
2114	2114-36	~68	ENVELOPE	Max	0.	0.	0.	52.95
2114	2114-36	~67	ENVELOPE	Min	0.	0.	0.	-20.96
2114	2114-36	~74	ENVELOPE	Min	0.	0.	0.	-20.96
2114	2114-36	~75	ENVELOPE	Min	0.	0.	0.	-28.06
2114	2114-36	~68	ENVELOPE	Min	0.	0.	0.	-28.06
2114	2114-37	~68	ENVELOPE	Max	0.	0.	0.	53.6
2114	2114-37	~75	ENVELOPE	Max	0.	0.	0.	53.6
2114	2114-37	~76	ENVELOPE	Max	0.	0.	0.	58.37
2114	2114-37	~69	ENVELOPE	Max	0.	0.	0.	58.37
2114	2114-37	~68	ENVELOPE	Min	0.	0.	0.	-28.44
2114	2114-37	~75	ENVELOPE	Min	0.	0.	0.	-28.44
2114	2114-37	~76	ENVELOPE	Min	0.	0.	0.	-34.98
2114	2114-37	~69	ENVELOPE	Min	0.	0.	0.	-34.98
2114	2114-38	~69	ENVELOPE	Max	0.	0.	0.	59.19
2114	2114-38	~76	ENVELOPE	Max	0.	0.	0.	59.19
2114	2114-38	~77	ENVELOPE	Max	0.	0.	0.	54.08
2114	2114-38	~70	ENVELOPE	Max	0.	0.	0.	54.08
2114	2114-38	~69	ENVELOPE	Min	0.	0.	0.	-35.94
2114	2114-38	~76	ENVELOPE	Min	0.	0.	0.	-35.94
2114	2114-38	~77	ENVELOPE	Min	0.	0.	0.	-38.78
2114	2114-38	~70	ENVELOPE	Min	0.	0.	0.	-38.78
2114	2114-39	~70	ENVELOPE	Max	0.	0.	0.	53.15
2114	2114-39	~77	ENVELOPE	Max	0.	0.	0.	53.15
2114	2114-39	~78	ENVELOPE	Max	0.	0.	0.	29.36
2114	2114-39	~71	ENVELOPE	Max	0.	0.	0.	29.36
2114	2114-39	~70	ENVELOPE	Min	0.	0.	0.	-39.51
2114	2114-39	~77	ENVELOPE	Min	0.	0.	0.	-39.51
2114	2114-39	~78	ENVELOPE	Min	0.	0.	0.	-31.48
2114	2114-39	~71	ENVELOPE	Min	0.	0.	0.	-31.48
2114	2114-40	~71	ENVELOPE	Max	0.	0.	0.	24.25
2114	2114-40	~78	ENVELOPE	Max	0.	0.	0.	24.25
2114	2114-40	2045	ENVELOPE	Max	0.	0.	0.	8.32

Table: Element Forces - Area Shells, Part 4 of 5

Area	AreaElem	Joint	OutputCase	StepType	MMax	MMin	MAngle	V13
					KN-m/m	KN-m/m	Degrees	KN/m
2114	2114-40	~23	ENVELOPE	Max	0.	0.	0.	8.32
2114	2114-40	~71	ENVELOPE	Min	0.	0.	0.	-32.91
2114	2114-40	~78	ENVELOPE	Min	0.	0.	0.	-32.91
2114	2114-40	2045	ENVELOPE	Min	0.	0.	0.	-5.71
2114	2114-40	~23	ENVELOPE	Min	0.	0.	0.	-5.71
2214	2214-1	3	ENVELOPE	Max	0.	0.	0.	2.94
2214	2214-1	~79	ENVELOPE	Max	0.	0.	0.	2.94
2214	2214-1	~80	ENVELOPE	Max	0.	0.	0.	8.13
2214	2214-1	~72	ENVELOPE	Max	0.	0.	0.	8.13
2214	2214-1	3	ENVELOPE	Min	0.	0.	0.	-13.96
2214	2214-1	~79	ENVELOPE	Min	0.	0.	0.	-13.96
2214	2214-1	~80	ENVELOPE	Min	0.	0.	0.	-22.6
2214	2214-1	~72	ENVELOPE	Min	0.	0.	0.	-22.6
2214	2214-2	~72	ENVELOPE	Max	0.	0.	0.	8.24
2214	2214-2	~80	ENVELOPE	Max	0.	0.	0.	8.24
2214	2214-2	~81	ENVELOPE	Max	0.	0.	0.	14.05
2214	2214-2	~73	ENVELOPE	Max	0.	0.	0.	14.05
2214	2214-2	~72	ENVELOPE	Min	0.	0.	0.	-23.17
2214	2214-2	~80	ENVELOPE	Min	0.	0.	0.	-23.17
2214	2214-2	~81	ENVELOPE	Min	0.	0.	0.	-32.73
2214	2214-2	~73	ENVELOPE	Min	0.	0.	0.	-32.73
2214	2214-3	~73	ENVELOPE	Max	0.	0.	0.	14.12
2214	2214-3	~81	ENVELOPE	Max	0.	0.	0.	14.12
2214	2214-3	~82	ENVELOPE	Max	0.	0.	0.	20.73
2214	2214-3	~74	ENVELOPE	Max	0.	0.	0.	20.73
2214	2214-3	~73	ENVELOPE	Min	0.	0.	0.	-32.93
2214	2214-3	~81	ENVELOPE	Min	0.	0.	0.	-32.93
2214	2214-3	~82	ENVELOPE	Min	0.	0.	0.	-43.11
2214	2214-3	~74	ENVELOPE	Min	0.	0.	0.	-43.11
2214	2214-4	~74	ENVELOPE	Max	0.	0.	0.	20.96
2214	2214-4	~82	ENVELOPE	Max	0.	0.	0.	20.96
2214	2214-4	~83	ENVELOPE	Max	0.	0.	0.	28.06
2214	2214-4	~75	ENVELOPE	Max	0.	0.	0.	28.06
2214	2214-4	~74	ENVELOPE	Min	0.	0.	0.	-43.67
2214	2214-4	~82	ENVELOPE	Min	0.	0.	0.	-43.67
2214	2214-4	~83	ENVELOPE	Min	0.	0.	0.	-52.95
2214	2214-4	~75	ENVELOPE	Min	0.	0.	0.	-52.95
2214	2214-5	~75	ENVELOPE	Max	0.	0.	0.	28.44
2214	2214-5	~83	ENVELOPE	Max	0.	0.	0.	28.44
2214	2214-5	~84	ENVELOPE	Max	0.	0.	0.	34.98
2214	2214-5	~76	ENVELOPE	Max	0.	0.	0.	34.98
2214	2214-5	~75	ENVELOPE	Min	0.	0.	0.	-53.6
2214	2214-5	~83	ENVELOPE	Min	0.	0.	0.	-53.6
2214	2214-5	~84	ENVELOPE	Min	0.	0.	0.	-58.37
2214	2214-5	~76	ENVELOPE	Min	0.	0.	0.	-58.37
2214	2214-6	~76	ENVELOPE	Max	0.	0.	0.	35.94
2214	2214-6	~84	ENVELOPE	Max	0.	0.	0.	35.94
2214	2214-6	~85	ENVELOPE	Max	0.	0.	0.	38.78
2214	2214-6	~77	ENVELOPE	Max	0.	0.	0.	38.78
2214	2214-6	~76	ENVELOPE	Min	0.	0.	0.	-59.19
2214	2214-6	~84	ENVELOPE	Min	0.	0.	0.	-59.19
2214	2214-6	~85	ENVELOPE	Min	0.	0.	0.	-54.08
2214	2214-6	~77	ENVELOPE	Min	0.	0.	0.	-54.08
2214	2214-7	~77	ENVELOPE	Max	0.	0.	0.	39.51
2214	2214-7	~85	ENVELOPE	Max	0.	0.	0.	39.51

Table: Element Forces - Area Shells, Part 4 of 5

Area	AreaElem	Joint	OutputCase	StepType	MMax	MMin	MAngle	V13
					KN-m/m	KN-m/m	Degrees	KN/m
2214	2214-7	~86	ENVELOPE	Max	0.	0.	0.	31.48
2214	2214-7	~78	ENVELOPE	Max	0.	0.	0.	31.48
2214	2214-7	~77	ENVELOPE	Min	0.	0.	0.	-53.15
2214	2214-7	~85	ENVELOPE	Min	0.	0.	0.	-53.15
2214	2214-7	~86	ENVELOPE	Min	0.	0.	0.	-29.36
2214	2214-7	~78	ENVELOPE	Min	0.	0.	0.	-29.36
2214	2214-8	~78	ENVELOPE	Max	0.	0.	0.	32.91
2214	2214-8	~86	ENVELOPE	Max	0.	0.	0.	32.91
2214	2214-8	~29	ENVELOPE	Max	0.	0.	0.	5.71
2214	2214-8	2045	ENVELOPE	Max	0.	0.	0.	5.71
2214	2214-8	~78	ENVELOPE	Min	0.	0.	0.	-24.25
2214	2214-8	~86	ENVELOPE	Min	0.	0.	0.	-24.25
2214	2214-8	~29	ENVELOPE	Min	0.	0.	0.	-8.32
2214	2214-8	2045	ENVELOPE	Min	0.	0.	0.	-8.32
2214	2214-9	~79	ENVELOPE	Max	0.	0.	0.	4.11
2214	2214-9	~87	ENVELOPE	Max	0.	0.	0.	4.11
2214	2214-9	~88	ENVELOPE	Max	0.	0.	0.	4.93
2214	2214-9	~80	ENVELOPE	Max	0.	0.	0.	4.93
2214	2214-9	~79	ENVELOPE	Min	0.	0.	0.	-11.6
2214	2214-9	~87	ENVELOPE	Min	0.	0.	0.	-11.6
2214	2214-9	~88	ENVELOPE	Min	0.	0.	0.	-12.42
2214	2214-9	~80	ENVELOPE	Min	0.	0.	0.	-12.42
2214	2214-10	~80	ENVELOPE	Max	0.	0.	0.	5.
2214	2214-10	~88	ENVELOPE	Max	0.	0.	0.	5.
2214	2214-10	~89	ENVELOPE	Max	0.	0.	0.	7.3
2214	2214-10	~81	ENVELOPE	Max	0.	0.	0.	7.3
2214	2214-10	~80	ENVELOPE	Min	0.	0.	0.	-12.84
2214	2214-10	~88	ENVELOPE	Min	0.	0.	0.	-12.84
2214	2214-10	~89	ENVELOPE	Min	0.	0.	0.	-16.42
2214	2214-10	~81	ENVELOPE	Min	0.	0.	0.	-16.42
2214	2214-11	~81	ENVELOPE	Max	0.	0.	0.	7.46
2214	2214-11	~89	ENVELOPE	Max	0.	0.	0.	7.46
2214	2214-11	~90	ENVELOPE	Max	0.	0.	0.	10.52
2214	2214-11	~82	ENVELOPE	Max	0.	0.	0.	10.52
2214	2214-11	~81	ENVELOPE	Min	0.	0.	0.	-16.88
2214	2214-11	~89	ENVELOPE	Min	0.	0.	0.	-16.88
2214	2214-11	~90	ENVELOPE	Min	0.	0.	0.	-21.06
2214	2214-11	~82	ENVELOPE	Min	0.	0.	0.	-21.06
2214	2214-12	~82	ENVELOPE	Max	0.	0.	0.	10.71
2214	2214-12	~90	ENVELOPE	Max	0.	0.	0.	10.71
2214	2214-12	~91	ENVELOPE	Max	0.	0.	0.	13.7
2214	2214-12	~83	ENVELOPE	Max	0.	0.	0.	13.7
2214	2214-12	~82	ENVELOPE	Min	0.	0.	0.	-21.55
2214	2214-12	~90	ENVELOPE	Min	0.	0.	0.	-21.55
2214	2214-12	~91	ENVELOPE	Min	0.	0.	0.	-24.55
2214	2214-12	~83	ENVELOPE	Min	0.	0.	0.	-24.55
2214	2214-13	~83	ENVELOPE	Max	0.	0.	0.	14.09
2214	2214-13	~91	ENVELOPE	Max	0.	0.	0.	14.09
2214	2214-13	~92	ENVELOPE	Max	0.	0.	0.	15.98
2214	2214-13	~84	ENVELOPE	Max	0.	0.	0.	15.98
2214	2214-13	~83	ENVELOPE	Min	0.	0.	0.	-25.26
2214	2214-13	~91	ENVELOPE	Min	0.	0.	0.	-25.26
2214	2214-13	~92	ENVELOPE	Min	0.	0.	0.	-25.03
2214	2214-13	~84	ENVELOPE	Min	0.	0.	0.	-25.03
2214	2214-14	~84	ENVELOPE	Max	0.	0.	0.	16.55

Table: Element Forces - Area Shells, Part 4 of 5

Area	AreaElem	Joint	OutputCase	StepType	MMax	MMin	MAngle	V13
					KN-m/m	KN-m/m	Degrees	KN/m
2214	2214-14	~92	ENVELOPE	Max	0.	0.	0.	16.55
2214	2214-14	~93	ENVELOPE	Max	0.	0.	0.	15.6
2214	2214-14	~85	ENVELOPE	Max	0.	0.	0.	15.6
2214	2214-14	~84	ENVELOPE	Min	0.	0.	0.	-25.62
2214	2214-14	~92	ENVELOPE	Min	0.	0.	0.	-25.62
2214	2214-14	~93	ENVELOPE	Min	0.	0.	0.	-20.76
2214	2214-14	~85	ENVELOPE	Min	0.	0.	0.	-20.76
2214	2214-15	~85	ENVELOPE	Max	0.	0.	0.	16.09
2214	2214-15	~93	ENVELOPE	Max	0.	0.	0.	16.09
2214	2214-15	~94	ENVELOPE	Max	0.	0.	0.	11.62
2214	2214-15	~86	ENVELOPE	Max	0.	0.	0.	11.62
2214	2214-15	~85	ENVELOPE	Min	0.	0.	0.	-20.21
2214	2214-15	~93	ENVELOPE	Min	0.	0.	0.	-20.21
2214	2214-15	~94	ENVELOPE	Min	0.	0.	0.	-9.78
2214	2214-15	~86	ENVELOPE	Min	0.	0.	0.	-9.78
2214	2214-16	~86	ENVELOPE	Max	0.	0.	0.	11.87
2214	2214-16	~94	ENVELOPE	Max	0.	0.	0.	11.87
2214	2214-16	~30	ENVELOPE	Max	0.	0.	0.	5.26
2214	2214-16	~29	ENVELOPE	Max	0.	0.	0.	5.26
2214	2214-16	~86	ENVELOPE	Min	0.	0.	0.	-5.34
2214	2214-16	~94	ENVELOPE	Min	0.	0.	0.	-5.34
2214	2214-16	~30	ENVELOPE	Min	0.	0.	0.	3.13
2214	2214-16	~29	ENVELOPE	Min	0.	0.	0.	3.13
2214	2214-17	~87	ENVELOPE	Max	0.	0.	0.	2.676E-12
2214	2214-17	~95	ENVELOPE	Max	0.	0.	0.	2.670E-12
2214	2214-17	~96	ENVELOPE	Max	0.	0.	0.	3.266E-12
2214	2214-17	~88	ENVELOPE	Max	0.	0.	0.	3.265E-12
2214	2214-17	~87	ENVELOPE	Min	0.	0.	0.	6.685E-13
2214	2214-17	~95	ENVELOPE	Min	0.	0.	0.	7.029E-13
2214	2214-17	~96	ENVELOPE	Min	0.	0.	0.	2.032E-13
2214	2214-17	~88	ENVELOPE	Min	0.	0.	0.	2.126E-13
2214	2214-18	~88	ENVELOPE	Max	0.	0.	0.	3.570E-12
2214	2214-18	~96	ENVELOPE	Max	0.	0.	0.	3.571E-12
2214	2214-18	~97	ENVELOPE	Max	0.	0.	0.	2.796E-12
2214	2214-18	~89	ENVELOPE	Max	0.	0.	0.	2.842E-12
2214	2214-18	~88	ENVELOPE	Min	0.	0.	0.	2.969E-13
2214	2214-18	~96	ENVELOPE	Min	0.	0.	0.	3.143E-13
2214	2214-18	~97	ENVELOPE	Min	0.	0.	0.	7.328E-13
2214	2214-18	~89	ENVELOPE	Min	0.	0.	0.	6.691E-13
2214	2214-19	~89	ENVELOPE	Max	0.	0.	0.	2.637E-12
2214	2214-19	~97	ENVELOPE	Max	0.	0.	0.	2.679E-12
2214	2214-19	~98	ENVELOPE	Max	0.	0.	0.	2.231E-12
2214	2214-19	~90	ENVELOPE	Max	0.	0.	0.	2.430E-12
2214	2214-19	~89	ENVELOPE	Min	0.	0.	0.	4.433E-13
2214	2214-19	~97	ENVELOPE	Min	0.	0.	0.	4.047E-13
2214	2214-19	~98	ENVELOPE	Min	0.	0.	0.	4.858E-13
2214	2214-19	~90	ENVELOPE	Min	0.	0.	0.	2.757E-13
2214	2214-20	~90	ENVELOPE	Max	0.	0.	0.	2.362E-12
2214	2214-20	~98	ENVELOPE	Max	0.	0.	0.	2.368E-12
2214	2214-20	~99	ENVELOPE	Max	0.	0.	0.	2.357E-12
2214	2214-20	~91	ENVELOPE	Max	0.	0.	0.	2.257E-12
2214	2214-20	~90	ENVELOPE	Min	0.	0.	0.	9.498E-14
2214	2214-20	~98	ENVELOPE	Min	0.	0.	0.	6.919E-14
2214	2214-20	~99	ENVELOPE	Min	0.	0.	0.	-9.874E-17
2214	2214-20	~91	ENVELOPE	Min	0.	0.	0.	1.422E-13

Table: Element Forces - Area Shells, Part 4 of 5

Area	AreaElem	Joint	OutputCase	StepType	MMax	MMin	MAngle	V13
					KN-m/m	KN-m/m	Degrees	KN/m
2214	2214-21	~91	ENVELOPE	Max	0.	0.	0.	2.330E-12
2214	2214-21	~99	ENVELOPE	Max	0.	0.	0.	2.188E-12
2214	2214-21	~100	ENVELOPE	Max	0.	0.	0.	1.584E-12
2214	2214-21	~92	ENVELOPE	Max	0.	0.	0.	1.363E-12
2214	2214-21	~91	ENVELOPE	Min	0.	0.	0.	-3.534E-14
2214	2214-21	~99	ENVELOPE	Min	0.	0.	0.	2.364E-13
2214	2214-21	~100	ENVELOPE	Min	0.	0.	0.	-3.674E-13
2214	2214-21	~92	ENVELOPE	Min	0.	0.	0.	2.425E-14
2214	2214-22	~92	ENVELOPE	Max	0.	0.	0.	1.154E-12
2214	2214-22	~100	ENVELOPE	Max	0.	0.	0.	1.270E-12
2214	2214-22	~101	ENVELOPE	Max	0.	0.	0.	4.657E-13
2214	2214-22	~93	ENVELOPE	Max	0.	0.	0.	5.877E-13
2214	2214-22	~92	ENVELOPE	Min	0.	0.	0.	-6.559E-14
2214	2214-22	~100	ENVELOPE	Min	0.	0.	0.	-1.041E-13
2214	2214-22	~101	ENVELOPE	Min	0.	0.	0.	1.405E-13
2214	2214-22	~93	ENVELOPE	Min	0.	0.	0.	3.908E-14
2214	2214-23	~93	ENVELOPE	Max	0.	0.	0.	3.635E-13
2214	2214-23	~101	ENVELOPE	Max	0.	0.	0.	4.084E-13
2214	2214-23	~102	ENVELOPE	Max	0.	0.	0.	-4.800E-13
2214	2214-23	~94	ENVELOPE	Max	0.	0.	0.	-4.646E-13
2214	2214-23	~93	ENVELOPE	Min	0.	0.	0.	6.371E-14
2214	2214-23	~101	ENVELOPE	Min	0.	0.	0.	-3.180E-14
2214	2214-23	~102	ENVELOPE	Min	0.	0.	0.	-1.156E-12
2214	2214-23	~94	ENVELOPE	Min	0.	0.	0.	-1.297E-12
2214	2214-24	~94	ENVELOPE	Max	0.	0.	0.	-7.292E-13
2214	2214-24	~102	ENVELOPE	Max	0.	0.	0.	-8.588E-13
2214	2214-24	~31	ENVELOPE	Max	0.	0.	0.	-5.849E-13
2214	2214-24	~30	ENVELOPE	Max	0.	0.	0.	-6.598E-13
2214	2214-24	~94	ENVELOPE	Min	0.	0.	0.	-3.167E-12
2214	2214-24	~102	ENVELOPE	Min	0.	0.	0.	-3.025E-12
2214	2214-24	~31	ENVELOPE	Min	0.	0.	0.	-4.563E-12
2214	2214-24	~30	ENVELOPE	Min	0.	0.	0.	-4.511E-12
2214	2214-25	~95	ENVELOPE	Max	0.	0.	0.	11.6
2214	2214-25	~103	ENVELOPE	Max	0.	0.	0.	11.6
2214	2214-25	~104	ENVELOPE	Max	0.	0.	0.	12.42
2214	2214-25	~96	ENVELOPE	Max	0.	0.	0.	12.42
2214	2214-25	~95	ENVELOPE	Min	0.	0.	0.	-4.11
2214	2214-25	~103	ENVELOPE	Min	0.	0.	0.	-4.11
2214	2214-25	~104	ENVELOPE	Min	0.	0.	0.	-4.93
2214	2214-25	~96	ENVELOPE	Min	0.	0.	0.	-4.93
2214	2214-26	~96	ENVELOPE	Max	0.	0.	0.	12.84
2214	2214-26	~104	ENVELOPE	Max	0.	0.	0.	12.84
2214	2214-26	~105	ENVELOPE	Max	0.	0.	0.	16.42
2214	2214-26	~97	ENVELOPE	Max	0.	0.	0.	16.42
2214	2214-26	~96	ENVELOPE	Min	0.	0.	0.	-5.
2214	2214-26	~104	ENVELOPE	Min	0.	0.	0.	-5.
2214	2214-26	~105	ENVELOPE	Min	0.	0.	0.	-7.3
2214	2214-26	~97	ENVELOPE	Min	0.	0.	0.	-7.3
2214	2214-27	~97	ENVELOPE	Max	0.	0.	0.	16.88
2214	2214-27	~105	ENVELOPE	Max	0.	0.	0.	16.88
2214	2214-27	~106	ENVELOPE	Max	0.	0.	0.	21.06
2214	2214-27	~98	ENVELOPE	Max	0.	0.	0.	21.06
2214	2214-27	~97	ENVELOPE	Min	0.	0.	0.	-7.46
2214	2214-27	~105	ENVELOPE	Min	0.	0.	0.	-7.46
2214	2214-27	~106	ENVELOPE	Min	0.	0.	0.	-10.52

Table: Element Forces - Area Shells, Part 4 of 5

Area	AreaElem	Joint	OutputCase	StepType	MMax	MMin	MAngle	V13
					KN-m/m	KN-m/m	Degrees	KN/m
2214	2214-27	~98	ENVELOPE	Min	0.	0.	0.	-10.52
2214	2214-28	~98	ENVELOPE	Max	0.	0.	0.	21.55
2214	2214-28	~106	ENVELOPE	Max	0.	0.	0.	21.55
2214	2214-28	~107	ENVELOPE	Max	0.	0.	0.	24.55
2214	2214-28	~99	ENVELOPE	Max	0.	0.	0.	24.55
2214	2214-28	~98	ENVELOPE	Min	0.	0.	0.	-10.71
2214	2214-28	~106	ENVELOPE	Min	0.	0.	0.	-10.71
2214	2214-28	~107	ENVELOPE	Min	0.	0.	0.	-13.7
2214	2214-28	~99	ENVELOPE	Min	0.	0.	0.	-13.7
2214	2214-29	~99	ENVELOPE	Max	0.	0.	0.	25.26
2214	2214-29	~107	ENVELOPE	Max	0.	0.	0.	25.26
2214	2214-29	~108	ENVELOPE	Max	0.	0.	0.	25.03
2214	2214-29	~100	ENVELOPE	Max	0.	0.	0.	25.03
2214	2214-29	~99	ENVELOPE	Min	0.	0.	0.	-14.09
2214	2214-29	~107	ENVELOPE	Min	0.	0.	0.	-14.09
2214	2214-29	~108	ENVELOPE	Min	0.	0.	0.	-15.98
2214	2214-29	~100	ENVELOPE	Min	0.	0.	0.	-15.98
2214	2214-30	~100	ENVELOPE	Max	0.	0.	0.	25.62
2214	2214-30	~108	ENVELOPE	Max	0.	0.	0.	25.62
2214	2214-30	~109	ENVELOPE	Max	0.	0.	0.	20.76
2214	2214-30	~101	ENVELOPE	Max	0.	0.	0.	20.76
2214	2214-30	~100	ENVELOPE	Min	0.	0.	0.	-16.55
2214	2214-30	~108	ENVELOPE	Min	0.	0.	0.	-16.55
2214	2214-30	~109	ENVELOPE	Min	0.	0.	0.	-15.6
2214	2214-30	~101	ENVELOPE	Min	0.	0.	0.	-15.6
2214	2214-31	~101	ENVELOPE	Max	0.	0.	0.	20.21
2214	2214-31	~109	ENVELOPE	Max	0.	0.	0.	20.21
2214	2214-31	~110	ENVELOPE	Max	0.	0.	0.	9.78
2214	2214-31	~102	ENVELOPE	Max	0.	0.	0.	9.78
2214	2214-31	~101	ENVELOPE	Min	0.	0.	0.	-16.09
2214	2214-31	~109	ENVELOPE	Min	0.	0.	0.	-16.09
2214	2214-31	~110	ENVELOPE	Min	0.	0.	0.	-11.62
2214	2214-31	~102	ENVELOPE	Min	0.	0.	0.	-11.62
2214	2214-32	~102	ENVELOPE	Max	0.	0.	0.	5.34
2214	2214-32	~110	ENVELOPE	Max	0.	0.	0.	5.34
2214	2214-32	~32	ENVELOPE	Max	0.	0.	0.	-3.13
2214	2214-32	~31	ENVELOPE	Max	0.	0.	0.	-3.13
2214	2214-32	~102	ENVELOPE	Min	0.	0.	0.	-11.87
2214	2214-32	~110	ENVELOPE	Min	0.	0.	0.	-11.87
2214	2214-32	~32	ENVELOPE	Min	0.	0.	0.	-5.26
2214	2214-32	~31	ENVELOPE	Min	0.	0.	0.	-5.26
2214	2214-33	~103	ENVELOPE	Max	0.	0.	0.	13.96
2214	2214-33	4	ENVELOPE	Max	0.	0.	0.	13.96
2214	2214-33	~111	ENVELOPE	Max	0.	0.	0.	22.6
2214	2214-33	~104	ENVELOPE	Max	0.	0.	0.	22.6
2214	2214-33	~103	ENVELOPE	Min	0.	0.	0.	-2.94
2214	2214-33	4	ENVELOPE	Min	0.	0.	0.	-2.94
2214	2214-33	~111	ENVELOPE	Min	0.	0.	0.	-8.13
2214	2214-33	~104	ENVELOPE	Min	0.	0.	0.	-8.13
2214	2214-34	~104	ENVELOPE	Max	0.	0.	0.	23.17
2214	2214-34	~111	ENVELOPE	Max	0.	0.	0.	23.17
2214	2214-34	~112	ENVELOPE	Max	0.	0.	0.	32.73
2214	2214-34	~105	ENVELOPE	Max	0.	0.	0.	32.73
2214	2214-34	~104	ENVELOPE	Min	0.	0.	0.	-8.24
2214	2214-34	~111	ENVELOPE	Min	0.	0.	0.	-8.24

Table: Element Forces - Area Shells, Part 4 of 5

Area	AreaElem	Joint	OutputCase	StepType	MMax	MMin	MAngle	V13
					KN-m/m	KN-m/m	Degrees	KN/m
2214	2214-34	~112	ENVELOPE	Min	0.	0.	0.	-14.05
2214	2214-34	~105	ENVELOPE	Min	0.	0.	0.	-14.05
2214	2214-35	~105	ENVELOPE	Max	0.	0.	0.	32.93
2214	2214-35	~112	ENVELOPE	Max	0.	0.	0.	32.93
2214	2214-35	~113	ENVELOPE	Max	0.	0.	0.	43.11
2214	2214-35	~106	ENVELOPE	Max	0.	0.	0.	43.11
2214	2214-35	~105	ENVELOPE	Min	0.	0.	0.	-14.12
2214	2214-35	~112	ENVELOPE	Min	0.	0.	0.	-14.12
2214	2214-35	~113	ENVELOPE	Min	0.	0.	0.	-20.73
2214	2214-35	~106	ENVELOPE	Min	0.	0.	0.	-20.73
2214	2214-36	~106	ENVELOPE	Max	0.	0.	0.	43.67
2214	2214-36	~113	ENVELOPE	Max	0.	0.	0.	43.67
2214	2214-36	~114	ENVELOPE	Max	0.	0.	0.	52.95
2214	2214-36	~107	ENVELOPE	Max	0.	0.	0.	52.95
2214	2214-36	~106	ENVELOPE	Min	0.	0.	0.	-20.96
2214	2214-36	~113	ENVELOPE	Min	0.	0.	0.	-20.96
2214	2214-36	~114	ENVELOPE	Min	0.	0.	0.	-28.06
2214	2214-36	~107	ENVELOPE	Min	0.	0.	0.	-28.06
2214	2214-37	~107	ENVELOPE	Max	0.	0.	0.	53.6
2214	2214-37	~114	ENVELOPE	Max	0.	0.	0.	53.6
2214	2214-37	~115	ENVELOPE	Max	0.	0.	0.	58.37
2214	2214-37	~108	ENVELOPE	Max	0.	0.	0.	58.37
2214	2214-37	~107	ENVELOPE	Min	0.	0.	0.	-28.44
2214	2214-37	~114	ENVELOPE	Min	0.	0.	0.	-28.44
2214	2214-37	~115	ENVELOPE	Min	0.	0.	0.	-34.98
2214	2214-37	~108	ENVELOPE	Min	0.	0.	0.	-34.98
2214	2214-38	~108	ENVELOPE	Max	0.	0.	0.	59.19
2214	2214-38	~115	ENVELOPE	Max	0.	0.	0.	59.19
2214	2214-38	~116	ENVELOPE	Max	0.	0.	0.	54.08
2214	2214-38	~109	ENVELOPE	Max	0.	0.	0.	54.08
2214	2214-38	~108	ENVELOPE	Min	0.	0.	0.	-35.94
2214	2214-38	~115	ENVELOPE	Min	0.	0.	0.	-35.94
2214	2214-38	~116	ENVELOPE	Min	0.	0.	0.	-38.78
2214	2214-38	~109	ENVELOPE	Min	0.	0.	0.	-38.78
2214	2214-39	~109	ENVELOPE	Max	0.	0.	0.	53.15
2214	2214-39	~116	ENVELOPE	Max	0.	0.	0.	53.15
2214	2214-39	~117	ENVELOPE	Max	0.	0.	0.	29.36
2214	2214-39	~110	ENVELOPE	Max	0.	0.	0.	29.36
2214	2214-39	~109	ENVELOPE	Min	0.	0.	0.	-39.51
2214	2214-39	~116	ENVELOPE	Min	0.	0.	0.	-39.51
2214	2214-39	~117	ENVELOPE	Min	0.	0.	0.	-31.48
2214	2214-39	~110	ENVELOPE	Min	0.	0.	0.	-31.48
2214	2214-40	~110	ENVELOPE	Max	0.	0.	0.	24.25
2214	2214-40	~117	ENVELOPE	Max	0.	0.	0.	24.25
2214	2214-40	2044	ENVELOPE	Max	0.	0.	0.	8.32
2214	2214-40	~32	ENVELOPE	Max	0.	0.	0.	8.32
2214	2214-40	~110	ENVELOPE	Min	0.	0.	0.	-32.91
2214	2214-40	~117	ENVELOPE	Min	0.	0.	0.	-32.91
2214	2214-40	2044	ENVELOPE	Min	0.	0.	0.	-5.71
2214	2214-40	~32	ENVELOPE	Min	0.	0.	0.	-5.71
2314	2314-1	2042	ENVELOPE	Max	0.	0.	0.	8.32
2314	2314-1	~3	ENVELOPE	Max	0.	0.	0.	8.32
2314	2314-1	~118	ENVELOPE	Max	0.	0.	0.	24.25
2314	2314-1	~47	ENVELOPE	Max	0.	0.	0.	24.25
2314	2314-1	2042	ENVELOPE	Min	0.	0.	0.	-5.71

Table: Element Forces - Area Shells, Part 4 of 5

Area	AreaElem	Joint	OutputCase	StepType	MMax	MMin	MAngle	V13
					KN-m/m	KN-m/m	Degrees	KN/m
2314	2314-1	~3	ENVELOPE	Min	0.	0.	0.	-5.71
2314	2314-1	~118	ENVELOPE	Min	0.	0.	0.	-32.91
2314	2314-1	~47	ENVELOPE	Min	0.	0.	0.	-32.91
2314	2314-2	~47	ENVELOPE	Max	0.	0.	0.	29.36
2314	2314-2	~118	ENVELOPE	Max	0.	0.	0.	29.36
2314	2314-2	~119	ENVELOPE	Max	0.	0.	0.	53.15
2314	2314-2	~45	ENVELOPE	Max	0.	0.	0.	53.15
2314	2314-2	~47	ENVELOPE	Min	0.	0.	0.	-31.48
2314	2314-2	~118	ENVELOPE	Min	0.	0.	0.	-31.48
2314	2314-2	~119	ENVELOPE	Min	0.	0.	0.	-39.51
2314	2314-2	~45	ENVELOPE	Min	0.	0.	0.	-39.51
2314	2314-3	~45	ENVELOPE	Max	0.	0.	0.	54.08
2314	2314-3	~119	ENVELOPE	Max	0.	0.	0.	54.08
2314	2314-3	~120	ENVELOPE	Max	0.	0.	0.	59.19
2314	2314-3	~43	ENVELOPE	Max	0.	0.	0.	59.19
2314	2314-3	~45	ENVELOPE	Min	0.	0.	0.	-38.78
2314	2314-3	~119	ENVELOPE	Min	0.	0.	0.	-38.78
2314	2314-3	~120	ENVELOPE	Min	0.	0.	0.	-35.94
2314	2314-3	~43	ENVELOPE	Min	0.	0.	0.	-35.94
2314	2314-4	~43	ENVELOPE	Max	0.	0.	0.	58.37
2314	2314-4	~120	ENVELOPE	Max	0.	0.	0.	58.37
2314	2314-4	~121	ENVELOPE	Max	0.	0.	0.	53.6
2314	2314-4	~41	ENVELOPE	Max	0.	0.	0.	53.6
2314	2314-4	~43	ENVELOPE	Min	0.	0.	0.	-34.98
2314	2314-4	~120	ENVELOPE	Min	0.	0.	0.	-34.98
2314	2314-4	~121	ENVELOPE	Min	0.	0.	0.	-28.44
2314	2314-4	~41	ENVELOPE	Min	0.	0.	0.	-28.44
2314	2314-5	~41	ENVELOPE	Max	0.	0.	0.	52.95
2314	2314-5	~121	ENVELOPE	Max	0.	0.	0.	52.95
2314	2314-5	~122	ENVELOPE	Max	0.	0.	0.	43.67
2314	2314-5	~39	ENVELOPE	Max	0.	0.	0.	43.67
2314	2314-5	~41	ENVELOPE	Min	0.	0.	0.	-28.06
2314	2314-5	~121	ENVELOPE	Min	0.	0.	0.	-28.06
2314	2314-5	~122	ENVELOPE	Min	0.	0.	0.	-20.96
2314	2314-5	~39	ENVELOPE	Min	0.	0.	0.	-20.96
2314	2314-6	~39	ENVELOPE	Max	0.	0.	0.	43.11
2314	2314-6	~122	ENVELOPE	Max	0.	0.	0.	43.11
2314	2314-6	~123	ENVELOPE	Max	0.	0.	0.	32.93
2314	2314-6	~37	ENVELOPE	Max	0.	0.	0.	32.93
2314	2314-6	~39	ENVELOPE	Min	0.	0.	0.	-20.73
2314	2314-6	~122	ENVELOPE	Min	0.	0.	0.	-20.73
2314	2314-6	~123	ENVELOPE	Min	0.	0.	0.	-14.12
2314	2314-6	~37	ENVELOPE	Min	0.	0.	0.	-14.12
2314	2314-7	~37	ENVELOPE	Max	0.	0.	0.	32.73
2314	2314-7	~123	ENVELOPE	Max	0.	0.	0.	32.73
2314	2314-7	~124	ENVELOPE	Max	0.	0.	0.	23.17
2314	2314-7	~35	ENVELOPE	Max	0.	0.	0.	23.17
2314	2314-7	~37	ENVELOPE	Min	0.	0.	0.	-14.05
2314	2314-7	~123	ENVELOPE	Min	0.	0.	0.	-14.05
2314	2314-7	~124	ENVELOPE	Min	0.	0.	0.	-8.24
2314	2314-7	~35	ENVELOPE	Min	0.	0.	0.	-8.24
2314	2314-8	~35	ENVELOPE	Max	0.	0.	0.	22.6
2314	2314-8	~124	ENVELOPE	Max	0.	0.	0.	22.6
2314	2314-8	~125	ENVELOPE	Max	0.	0.	0.	13.96
2314	2314-8	1	ENVELOPE	Max	0.	0.	0.	13.96

Table: Element Forces - Area Shells, Part 4 of 5

Area	AreaElem	Joint	OutputCase	StepType	MMax	MMin	MAngle	V13
					KN-m/m	KN-m/m	Degrees	KN/m
2314	2314-8	~35	ENVELOPE	Min	0.	0.	0.	-8.13
2314	2314-8	~124	ENVELOPE	Min	0.	0.	0.	-8.13
2314	2314-8	~125	ENVELOPE	Min	0.	0.	0.	-2.94
2314	2314-8	1	ENVELOPE	Min	0.	0.	0.	-2.94
2314	2314-9	~3	ENVELOPE	Max	0.	0.	0.	-3.13
2314	2314-9	~5	ENVELOPE	Max	0.	0.	0.	-3.13
2314	2314-9	~126	ENVELOPE	Max	0.	0.	0.	5.34
2314	2314-9	~118	ENVELOPE	Max	0.	0.	0.	5.34
2314	2314-9	~3	ENVELOPE	Min	0.	0.	0.	-5.26
2314	2314-9	~5	ENVELOPE	Min	0.	0.	0.	-5.26
2314	2314-9	~126	ENVELOPE	Min	0.	0.	0.	-11.87
2314	2314-9	~118	ENVELOPE	Min	0.	0.	0.	-11.87
2314	2314-10	~118	ENVELOPE	Max	0.	0.	0.	9.78
2314	2314-10	~126	ENVELOPE	Max	0.	0.	0.	9.78
2314	2314-10	~127	ENVELOPE	Max	0.	0.	0.	20.21
2314	2314-10	~119	ENVELOPE	Max	0.	0.	0.	20.21
2314	2314-10	~118	ENVELOPE	Min	0.	0.	0.	-11.62
2314	2314-10	~126	ENVELOPE	Min	0.	0.	0.	-11.62
2314	2314-10	~127	ENVELOPE	Min	0.	0.	0.	-16.09
2314	2314-10	~119	ENVELOPE	Min	0.	0.	0.	-16.09
2314	2314-11	~119	ENVELOPE	Max	0.	0.	0.	20.76
2314	2314-11	~127	ENVELOPE	Max	0.	0.	0.	20.76
2314	2314-11	~128	ENVELOPE	Max	0.	0.	0.	25.62
2314	2314-11	~120	ENVELOPE	Max	0.	0.	0.	25.62
2314	2314-11	~119	ENVELOPE	Min	0.	0.	0.	-15.6
2314	2314-11	~127	ENVELOPE	Min	0.	0.	0.	-15.6
2314	2314-11	~128	ENVELOPE	Min	0.	0.	0.	-16.55
2314	2314-11	~120	ENVELOPE	Min	0.	0.	0.	-16.55
2314	2314-12	~120	ENVELOPE	Max	0.	0.	0.	25.03
2314	2314-12	~128	ENVELOPE	Max	0.	0.	0.	25.03
2314	2314-12	~129	ENVELOPE	Max	0.	0.	0.	25.26
2314	2314-12	~121	ENVELOPE	Max	0.	0.	0.	25.26
2314	2314-12	~120	ENVELOPE	Min	0.	0.	0.	-15.98
2314	2314-12	~128	ENVELOPE	Min	0.	0.	0.	-15.98
2314	2314-12	~129	ENVELOPE	Min	0.	0.	0.	-14.09
2314	2314-12	~121	ENVELOPE	Min	0.	0.	0.	-14.09
2314	2314-13	~121	ENVELOPE	Max	0.	0.	0.	24.55
2314	2314-13	~129	ENVELOPE	Max	0.	0.	0.	24.55
2314	2314-13	~130	ENVELOPE	Max	0.	0.	0.	21.55
2314	2314-13	~122	ENVELOPE	Max	0.	0.	0.	21.55
2314	2314-13	~121	ENVELOPE	Min	0.	0.	0.	-13.7
2314	2314-13	~129	ENVELOPE	Min	0.	0.	0.	-13.7
2314	2314-13	~130	ENVELOPE	Min	0.	0.	0.	-10.71
2314	2314-13	~122	ENVELOPE	Min	0.	0.	0.	-10.71
2314	2314-14	~122	ENVELOPE	Max	0.	0.	0.	21.06
2314	2314-14	~130	ENVELOPE	Max	0.	0.	0.	21.06
2314	2314-14	~131	ENVELOPE	Max	0.	0.	0.	16.88
2314	2314-14	~123	ENVELOPE	Max	0.	0.	0.	16.88
2314	2314-14	~122	ENVELOPE	Min	0.	0.	0.	-10.52
2314	2314-14	~130	ENVELOPE	Min	0.	0.	0.	-10.52
2314	2314-14	~131	ENVELOPE	Min	0.	0.	0.	-7.46
2314	2314-14	~123	ENVELOPE	Min	0.	0.	0.	-7.46
2314	2314-15	~123	ENVELOPE	Max	0.	0.	0.	16.42
2314	2314-15	~131	ENVELOPE	Max	0.	0.	0.	16.42
2314	2314-15	~132	ENVELOPE	Max	0.	0.	0.	12.84

Table: Element Forces - Area Shells, Part 4 of 5

Area	AreaElem	Joint	OutputCase	StepType	MMax	MMin	MAngle	V13
					KN-m/m	KN-m/m	Degrees	KN/m
2314	2314-15	~124	ENVELOPE	Max	0.	0.	0.	12.84
2314	2314-15	~123	ENVELOPE	Min	0.	0.	0.	-7.3
2314	2314-15	~131	ENVELOPE	Min	0.	0.	0.	-7.3
2314	2314-15	~132	ENVELOPE	Min	0.	0.	0.	-5.
2314	2314-15	~124	ENVELOPE	Min	0.	0.	0.	-5.
2314	2314-16	~124	ENVELOPE	Max	0.	0.	0.	12.42
2314	2314-16	~132	ENVELOPE	Max	0.	0.	0.	12.42
2314	2314-16	~133	ENVELOPE	Max	0.	0.	0.	11.6
2314	2314-16	~125	ENVELOPE	Max	0.	0.	0.	11.6
2314	2314-16	~124	ENVELOPE	Min	0.	0.	0.	-4.93
2314	2314-16	~132	ENVELOPE	Min	0.	0.	0.	-4.93
2314	2314-16	~133	ENVELOPE	Min	0.	0.	0.	-4.11
2314	2314-16	~125	ENVELOPE	Min	0.	0.	0.	-4.11
2314	2314-17	~5	ENVELOPE	Max	0.	0.	0.	3.399E-12
2314	2314-17	~7	ENVELOPE	Max	0.	0.	0.	3.422E-12
2314	2314-17	~134	ENVELOPE	Max	0.	0.	0.	4.091E-12
2314	2314-17	~126	ENVELOPE	Max	0.	0.	0.	4.098E-12
2314	2314-17	~5	ENVELOPE	Min	0.	0.	0.	1.266E-12
2314	2314-17	~7	ENVELOPE	Min	0.	0.	0.	1.233E-12
2314	2314-17	~134	ENVELOPE	Min	0.	0.	0.	1.410E-12
2314	2314-17	~126	ENVELOPE	Min	0.	0.	0.	1.345E-12
2314	2314-18	~126	ENVELOPE	Max	0.	0.	0.	2.729E-12
2314	2314-18	~134	ENVELOPE	Max	0.	0.	0.	2.752E-12
2314	2314-18	~135	ENVELOPE	Max	0.	0.	0.	2.156E-12
2314	2314-18	~127	ENVELOPE	Max	0.	0.	0.	2.162E-12
2314	2314-18	~126	ENVELOPE	Min	0.	0.	0.	1.334E-12
2314	2314-18	~134	ENVELOPE	Min	0.	0.	0.	1.282E-12
2314	2314-18	~135	ENVELOPE	Min	0.	0.	0.	5.061E-13
2314	2314-18	~127	ENVELOPE	Min	0.	0.	0.	4.469E-13
2314	2314-19	~127	ENVELOPE	Max	0.	0.	0.	2.034E-12
2314	2314-19	~135	ENVELOPE	Max	0.	0.	0.	1.998E-12
2314	2314-19	~136	ENVELOPE	Max	0.	0.	0.	1.394E-12
2314	2314-19	~128	ENVELOPE	Max	0.	0.	0.	1.496E-12
2314	2314-19	~127	ENVELOPE	Min	0.	0.	0.	4.395E-13
2314	2314-19	~135	ENVELOPE	Min	0.	0.	0.	4.781E-13
2314	2314-19	~136	ENVELOPE	Min	0.	0.	0.	2.965E-13
2314	2314-19	~128	ENVELOPE	Min	0.	0.	0.	1.452E-13
2314	2314-20	~128	ENVELOPE	Max	0.	0.	0.	1.502E-12
2314	2314-20	~136	ENVELOPE	Max	0.	0.	0.	1.671E-12
2314	2314-20	~137	ENVELOPE	Max	0.	0.	0.	1.353E-12
2314	2314-20	~129	ENVELOPE	Max	0.	0.	0.	1.499E-12
2314	2314-20	~128	ENVELOPE	Min	0.	0.	0.	4.647E-13
2314	2314-20	~136	ENVELOPE	Min	0.	0.	0.	2.304E-13
2314	2314-20	~137	ENVELOPE	Min	0.	0.	0.	4.427E-13
2314	2314-20	~129	ENVELOPE	Min	0.	0.	0.	2.080E-13
2314	2314-21	~129	ENVELOPE	Max	0.	0.	0.	1.912E-12
2314	2314-21	~137	ENVELOPE	Max	0.	0.	0.	1.983E-12
2314	2314-21	~138	ENVELOPE	Max	0.	0.	0.	2.067E-12
2314	2314-21	~130	ENVELOPE	Max	0.	0.	0.	2.086E-12
2314	2314-21	~129	ENVELOPE	Min	0.	0.	0.	4.621E-13
2314	2314-21	~137	ENVELOPE	Min	0.	0.	0.	3.491E-13
2314	2314-21	~138	ENVELOPE	Min	0.	0.	0.	2.470E-13
2314	2314-21	~130	ENVELOPE	Min	0.	0.	0.	2.167E-13
2314	2314-22	~130	ENVELOPE	Max	0.	0.	0.	2.093E-12
2314	2314-22	~138	ENVELOPE	Max	0.	0.	0.	2.126E-12

Table: Element Forces - Area Shells, Part 4 of 5

Area	AreaElem	Joint	OutputCase	StepType	MMax	MMin	MAngle	V13
					KN-m/m	KN-m/m	Degrees	KN/m
2314	2314-22	~139	ENVELOPE	Max	0.	0.	0.	2.458E-12
2314	2314-22	~131	ENVELOPE	Max	0.	0.	0.	2.467E-12
2314	2314-22	~130	ENVELOPE	Min	0.	0.	0.	1.817E-13
2314	2314-22	~138	ENVELOPE	Min	0.	0.	0.	2.092E-13
2314	2314-22	~139	ENVELOPE	Min	0.	0.	0.	3.621E-13
2314	2314-22	~131	ENVELOPE	Min	0.	0.	0.	4.378E-13
2314	2314-23	~131	ENVELOPE	Max	0.	0.	0.	2.461E-12
2314	2314-23	~139	ENVELOPE	Max	0.	0.	0.	2.435E-12
2314	2314-23	~140	ENVELOPE	Max	0.	0.	0.	2.343E-12
2314	2314-23	~132	ENVELOPE	Max	0.	0.	0.	2.313E-12
2314	2314-23	~131	ENVELOPE	Min	0.	0.	0.	4.383E-13
2314	2314-23	~139	ENVELOPE	Min	0.	0.	0.	4.993E-13
2314	2314-23	~140	ENVELOPE	Min	0.	0.	0.	1.113E-13
2314	2314-23	~132	ENVELOPE	Min	0.	0.	0.	1.737E-13
2314	2314-24	~132	ENVELOPE	Max	0.	0.	0.	2.313E-12
2314	2314-24	~140	ENVELOPE	Max	0.	0.	0.	2.323E-12
2314	2314-24	~141	ENVELOPE	Max	0.	0.	0.	2.623E-12
2314	2314-24	~133	ENVELOPE	Max	0.	0.	0.	2.648E-12
2314	2314-24	~132	ENVELOPE	Min	0.	0.	0.	1.715E-13
2314	2314-24	~140	ENVELOPE	Min	0.	0.	0.	1.395E-13
2314	2314-24	~141	ENVELOPE	Min	0.	0.	0.	6.528E-13
2314	2314-24	~133	ENVELOPE	Min	0.	0.	0.	5.759E-13
2314	2314-25	~7	ENVELOPE	Max	0.	0.	0.	5.26
2314	2314-25	~9	ENVELOPE	Max	0.	0.	0.	5.26
2314	2314-25	~142	ENVELOPE	Max	0.	0.	0.	11.87
2314	2314-25	~134	ENVELOPE	Max	0.	0.	0.	11.87
2314	2314-25	~7	ENVELOPE	Min	0.	0.	0.	3.13
2314	2314-25	~9	ENVELOPE	Min	0.	0.	0.	3.13
2314	2314-25	~142	ENVELOPE	Min	0.	0.	0.	-5.34
2314	2314-25	~134	ENVELOPE	Min	0.	0.	0.	-5.34
2314	2314-26	~134	ENVELOPE	Max	0.	0.	0.	11.62
2314	2314-26	~142	ENVELOPE	Max	0.	0.	0.	11.62
2314	2314-26	~143	ENVELOPE	Max	0.	0.	0.	16.09
2314	2314-26	~135	ENVELOPE	Max	0.	0.	0.	16.09
2314	2314-26	~134	ENVELOPE	Min	0.	0.	0.	-9.78
2314	2314-26	~142	ENVELOPE	Min	0.	0.	0.	-9.78
2314	2314-26	~143	ENVELOPE	Min	0.	0.	0.	-20.21
2314	2314-26	~135	ENVELOPE	Min	0.	0.	0.	-20.21
2314	2314-27	~135	ENVELOPE	Max	0.	0.	0.	15.6
2314	2314-27	~143	ENVELOPE	Max	0.	0.	0.	15.6
2314	2314-27	~144	ENVELOPE	Max	0.	0.	0.	16.55
2314	2314-27	~136	ENVELOPE	Max	0.	0.	0.	16.55
2314	2314-27	~135	ENVELOPE	Min	0.	0.	0.	-20.76
2314	2314-27	~143	ENVELOPE	Min	0.	0.	0.	-20.76
2314	2314-27	~144	ENVELOPE	Min	0.	0.	0.	-25.62
2314	2314-27	~136	ENVELOPE	Min	0.	0.	0.	-25.62
2314	2314-28	~136	ENVELOPE	Max	0.	0.	0.	15.98
2314	2314-28	~144	ENVELOPE	Max	0.	0.	0.	15.98
2314	2314-28	~145	ENVELOPE	Max	0.	0.	0.	14.09
2314	2314-28	~137	ENVELOPE	Max	0.	0.	0.	14.09
2314	2314-28	~136	ENVELOPE	Min	0.	0.	0.	-25.03
2314	2314-28	~144	ENVELOPE	Min	0.	0.	0.	-25.03
2314	2314-28	~145	ENVELOPE	Min	0.	0.	0.	-25.26
2314	2314-28	~137	ENVELOPE	Min	0.	0.	0.	-25.26
2314	2314-29	~137	ENVELOPE	Max	0.	0.	0.	13.7

Table: Element Forces - Area Shells, Part 4 of 5

Area	AreaElem	Joint	OutputCase	StepType	MMax	MMin	MAngle	V13
					KN-m/m	KN-m/m	Degrees	KN/m
2314	2314-29	~145	ENVELOPE	Max	0.	0.	0.	13.7
2314	2314-29	~146	ENVELOPE	Max	0.	0.	0.	10.71
2314	2314-29	~138	ENVELOPE	Max	0.	0.	0.	10.71
2314	2314-29	~137	ENVELOPE	Min	0.	0.	0.	-24.55
2314	2314-29	~145	ENVELOPE	Min	0.	0.	0.	-24.55
2314	2314-29	~146	ENVELOPE	Min	0.	0.	0.	-21.55
2314	2314-29	~138	ENVELOPE	Min	0.	0.	0.	-21.55
2314	2314-30	~138	ENVELOPE	Max	0.	0.	0.	10.52
2314	2314-30	~146	ENVELOPE	Max	0.	0.	0.	10.52
2314	2314-30	~147	ENVELOPE	Max	0.	0.	0.	7.46
2314	2314-30	~139	ENVELOPE	Max	0.	0.	0.	7.46
2314	2314-30	~138	ENVELOPE	Min	0.	0.	0.	-21.06
2314	2314-30	~146	ENVELOPE	Min	0.	0.	0.	-21.06
2314	2314-30	~147	ENVELOPE	Min	0.	0.	0.	-16.88
2314	2314-30	~139	ENVELOPE	Min	0.	0.	0.	-16.88
2314	2314-31	~139	ENVELOPE	Max	0.	0.	0.	7.3
2314	2314-31	~147	ENVELOPE	Max	0.	0.	0.	7.3
2314	2314-31	~148	ENVELOPE	Max	0.	0.	0.	5.
2314	2314-31	~140	ENVELOPE	Max	0.	0.	0.	5.
2314	2314-31	~139	ENVELOPE	Min	0.	0.	0.	-16.42
2314	2314-31	~147	ENVELOPE	Min	0.	0.	0.	-16.42
2314	2314-31	~148	ENVELOPE	Min	0.	0.	0.	-12.84
2314	2314-31	~140	ENVELOPE	Min	0.	0.	0.	-12.84
2314	2314-32	~140	ENVELOPE	Max	0.	0.	0.	4.93
2314	2314-32	~148	ENVELOPE	Max	0.	0.	0.	4.93
2314	2314-32	~149	ENVELOPE	Max	0.	0.	0.	4.11
2314	2314-32	~141	ENVELOPE	Max	0.	0.	0.	4.11
2314	2314-32	~140	ENVELOPE	Min	0.	0.	0.	-12.42
2314	2314-32	~148	ENVELOPE	Min	0.	0.	0.	-12.42
2314	2314-32	~149	ENVELOPE	Min	0.	0.	0.	-11.6
2314	2314-32	~141	ENVELOPE	Min	0.	0.	0.	-11.6
2314	2314-33	~9	ENVELOPE	Max	0.	0.	0.	5.71
2314	2314-33	2043	ENVELOPE	Max	0.	0.	0.	5.71
2314	2314-33	~150	ENVELOPE	Max	0.	0.	0.	32.91
2314	2314-33	~142	ENVELOPE	Max	0.	0.	0.	32.91
2314	2314-33	~9	ENVELOPE	Min	0.	0.	0.	-8.32
2314	2314-33	2043	ENVELOPE	Min	0.	0.	0.	-8.32
2314	2314-33	~150	ENVELOPE	Min	0.	0.	0.	-24.25
2314	2314-33	~142	ENVELOPE	Min	0.	0.	0.	-24.25
2314	2314-34	~142	ENVELOPE	Max	0.	0.	0.	31.48
2314	2314-34	~150	ENVELOPE	Max	0.	0.	0.	31.48
2314	2314-34	~151	ENVELOPE	Max	0.	0.	0.	39.51
2314	2314-34	~143	ENVELOPE	Max	0.	0.	0.	39.51
2314	2314-34	~142	ENVELOPE	Min	0.	0.	0.	-29.36
2314	2314-34	~150	ENVELOPE	Min	0.	0.	0.	-29.36
2314	2314-34	~151	ENVELOPE	Min	0.	0.	0.	-53.15
2314	2314-34	~143	ENVELOPE	Min	0.	0.	0.	-53.15
2314	2314-35	~143	ENVELOPE	Max	0.	0.	0.	38.78
2314	2314-35	~151	ENVELOPE	Max	0.	0.	0.	38.78
2314	2314-35	~152	ENVELOPE	Max	0.	0.	0.	35.94
2314	2314-35	~144	ENVELOPE	Max	0.	0.	0.	35.94
2314	2314-35	~143	ENVELOPE	Min	0.	0.	0.	-54.08
2314	2314-35	~151	ENVELOPE	Min	0.	0.	0.	-54.08
2314	2314-35	~152	ENVELOPE	Min	0.	0.	0.	-59.19
2314	2314-35	~144	ENVELOPE	Min	0.	0.	0.	-59.19

Table: Element Forces - Area Shells, Part 4 of 5

Area	AreaElem	Joint	OutputCase	StepType	MMax	MMin	MAngle	V13
					KN-m/m	KN-m/m	Degrees	KN/m
2314	2314-36	~144	ENVELOPE	Max	0.	0.	0.	34.98
2314	2314-36	~152	ENVELOPE	Max	0.	0.	0.	34.98
2314	2314-36	~153	ENVELOPE	Max	0.	0.	0.	28.44
2314	2314-36	~145	ENVELOPE	Max	0.	0.	0.	28.44
2314	2314-36	~144	ENVELOPE	Min	0.	0.	0.	-58.37
2314	2314-36	~152	ENVELOPE	Min	0.	0.	0.	-58.37
2314	2314-36	~153	ENVELOPE	Min	0.	0.	0.	-53.6
2314	2314-36	~145	ENVELOPE	Min	0.	0.	0.	-53.6
2314	2314-37	~145	ENVELOPE	Max	0.	0.	0.	28.06
2314	2314-37	~153	ENVELOPE	Max	0.	0.	0.	28.06
2314	2314-37	~154	ENVELOPE	Max	0.	0.	0.	20.96
2314	2314-37	~146	ENVELOPE	Max	0.	0.	0.	20.96
2314	2314-37	~145	ENVELOPE	Min	0.	0.	0.	-52.95
2314	2314-37	~153	ENVELOPE	Min	0.	0.	0.	-52.95
2314	2314-37	~154	ENVELOPE	Min	0.	0.	0.	-43.67
2314	2314-37	~146	ENVELOPE	Min	0.	0.	0.	-43.67
2314	2314-38	~146	ENVELOPE	Max	0.	0.	0.	20.73
2314	2314-38	~154	ENVELOPE	Max	0.	0.	0.	20.73
2314	2314-38	~155	ENVELOPE	Max	0.	0.	0.	14.12
2314	2314-38	~147	ENVELOPE	Max	0.	0.	0.	14.12
2314	2314-38	~146	ENVELOPE	Min	0.	0.	0.	-43.11
2314	2314-38	~154	ENVELOPE	Min	0.	0.	0.	-43.11
2314	2314-38	~155	ENVELOPE	Min	0.	0.	0.	-32.93
2314	2314-38	~147	ENVELOPE	Min	0.	0.	0.	-32.93
2314	2314-39	~147	ENVELOPE	Max	0.	0.	0.	14.05
2314	2314-39	~155	ENVELOPE	Max	0.	0.	0.	14.05
2314	2314-39	~156	ENVELOPE	Max	0.	0.	0.	8.24
2314	2314-39	~148	ENVELOPE	Max	0.	0.	0.	8.24
2314	2314-39	~147	ENVELOPE	Min	0.	0.	0.	-32.73
2314	2314-39	~155	ENVELOPE	Min	0.	0.	0.	-32.73
2314	2314-39	~156	ENVELOPE	Min	0.	0.	0.	-23.17
2314	2314-39	~148	ENVELOPE	Min	0.	0.	0.	-23.17
2314	2314-40	~148	ENVELOPE	Max	0.	0.	0.	8.13
2314	2314-40	~156	ENVELOPE	Max	0.	0.	0.	8.13
2314	2314-40	2	ENVELOPE	Max	0.	0.	0.	2.94
2314	2314-40	~149	ENVELOPE	Max	0.	0.	0.	2.94
2314	2314-40	~148	ENVELOPE	Min	0.	0.	0.	-22.6
2314	2314-40	~156	ENVELOPE	Min	0.	0.	0.	-22.6
2314	2314-40	2	ENVELOPE	Min	0.	0.	0.	-13.96
2314	2314-40	~149	ENVELOPE	Min	0.	0.	0.	-13.96
2414	2414-1	4	ENVELOPE	Max	0.	0.	0.	2.94
2414	2414-1	~157	ENVELOPE	Max	0.	0.	0.	2.94
2414	2414-1	~158	ENVELOPE	Max	0.	0.	0.	8.13
2414	2414-1	~111	ENVELOPE	Max	0.	0.	0.	8.13
2414	2414-1	4	ENVELOPE	Min	0.	0.	0.	-13.96
2414	2414-1	~157	ENVELOPE	Min	0.	0.	0.	-13.96
2414	2414-1	~158	ENVELOPE	Min	0.	0.	0.	-22.6
2414	2414-1	~111	ENVELOPE	Min	0.	0.	0.	-22.6
2414	2414-2	~111	ENVELOPE	Max	0.	0.	0.	8.24
2414	2414-2	~158	ENVELOPE	Max	0.	0.	0.	8.24
2414	2414-2	~159	ENVELOPE	Max	0.	0.	0.	14.05
2414	2414-2	~112	ENVELOPE	Max	0.	0.	0.	14.05
2414	2414-2	~111	ENVELOPE	Min	0.	0.	0.	-23.17
2414	2414-2	~158	ENVELOPE	Min	0.	0.	0.	-23.17
2414	2414-2	~159	ENVELOPE	Min	0.	0.	0.	-32.73

Table: Element Forces - Area Shells, Part 4 of 5

Area	AreaElem	Joint	OutputCase	StepType	MMax	MMin	MAngle	V13
					KN-m/m	KN-m/m	Degrees	KN/m
2414	2414-2	~112	ENVELOPE	Min	0.	0.	0.	-32.73
2414	2414-3	~112	ENVELOPE	Max	0.	0.	0.	14.12
2414	2414-3	~159	ENVELOPE	Max	0.	0.	0.	14.12
2414	2414-3	~160	ENVELOPE	Max	0.	0.	0.	20.73
2414	2414-3	~113	ENVELOPE	Max	0.	0.	0.	20.73
2414	2414-3	~112	ENVELOPE	Min	0.	0.	0.	-32.93
2414	2414-3	~159	ENVELOPE	Min	0.	0.	0.	-32.93
2414	2414-3	~160	ENVELOPE	Min	0.	0.	0.	-43.11
2414	2414-3	~113	ENVELOPE	Min	0.	0.	0.	-43.11
2414	2414-4	~113	ENVELOPE	Max	0.	0.	0.	20.96
2414	2414-4	~160	ENVELOPE	Max	0.	0.	0.	20.96
2414	2414-4	~161	ENVELOPE	Max	0.	0.	0.	28.06
2414	2414-4	~114	ENVELOPE	Max	0.	0.	0.	28.06
2414	2414-4	~113	ENVELOPE	Min	0.	0.	0.	-43.67
2414	2414-4	~160	ENVELOPE	Min	0.	0.	0.	-43.67
2414	2414-4	~161	ENVELOPE	Min	0.	0.	0.	-52.95
2414	2414-4	~114	ENVELOPE	Min	0.	0.	0.	-52.95
2414	2414-5	~114	ENVELOPE	Max	0.	0.	0.	28.44
2414	2414-5	~161	ENVELOPE	Max	0.	0.	0.	28.44
2414	2414-5	~162	ENVELOPE	Max	0.	0.	0.	34.98
2414	2414-5	~115	ENVELOPE	Max	0.	0.	0.	34.98
2414	2414-5	~114	ENVELOPE	Min	0.	0.	0.	-53.6
2414	2414-5	~161	ENVELOPE	Min	0.	0.	0.	-53.6
2414	2414-5	~162	ENVELOPE	Min	0.	0.	0.	-58.37
2414	2414-5	~115	ENVELOPE	Min	0.	0.	0.	-58.37
2414	2414-6	~115	ENVELOPE	Max	0.	0.	0.	35.94
2414	2414-6	~162	ENVELOPE	Max	0.	0.	0.	35.94
2414	2414-6	~163	ENVELOPE	Max	0.	0.	0.	38.78
2414	2414-6	~116	ENVELOPE	Max	0.	0.	0.	38.78
2414	2414-6	~115	ENVELOPE	Min	0.	0.	0.	-59.19
2414	2414-6	~162	ENVELOPE	Min	0.	0.	0.	-59.19
2414	2414-6	~163	ENVELOPE	Min	0.	0.	0.	-54.08
2414	2414-6	~116	ENVELOPE	Min	0.	0.	0.	-54.08
2414	2414-7	~116	ENVELOPE	Max	0.	0.	0.	39.51
2414	2414-7	~163	ENVELOPE	Max	0.	0.	0.	39.51
2414	2414-7	~164	ENVELOPE	Max	0.	0.	0.	31.48
2414	2414-7	~117	ENVELOPE	Max	0.	0.	0.	31.48
2414	2414-7	~116	ENVELOPE	Min	0.	0.	0.	-53.15
2414	2414-7	~163	ENVELOPE	Min	0.	0.	0.	-53.15
2414	2414-7	~164	ENVELOPE	Min	0.	0.	0.	-29.36
2414	2414-7	~117	ENVELOPE	Min	0.	0.	0.	-29.36
2414	2414-8	~117	ENVELOPE	Max	0.	0.	0.	32.91
2414	2414-8	~164	ENVELOPE	Max	0.	0.	0.	32.91
2414	2414-8	~28	ENVELOPE	Max	0.	0.	0.	5.71
2414	2414-8	2044	ENVELOPE	Max	0.	0.	0.	5.71
2414	2414-8	~117	ENVELOPE	Min	0.	0.	0.	-24.25
2414	2414-8	~164	ENVELOPE	Min	0.	0.	0.	-24.25
2414	2414-8	~28	ENVELOPE	Min	0.	0.	0.	-8.32
2414	2414-8	2044	ENVELOPE	Min	0.	0.	0.	-8.32
2414	2414-9	~157	ENVELOPE	Max	0.	0.	0.	4.11
2414	2414-9	~165	ENVELOPE	Max	0.	0.	0.	4.11
2414	2414-9	~166	ENVELOPE	Max	0.	0.	0.	4.93
2414	2414-9	~158	ENVELOPE	Max	0.	0.	0.	4.93
2414	2414-9	~157	ENVELOPE	Min	0.	0.	0.	-11.6
2414	2414-9	~165	ENVELOPE	Min	0.	0.	0.	-11.6

Table: Element Forces - Area Shells, Part 4 of 5

Area	AreaElem	Joint	OutputCase	StepType	MMax	MMin	MAngle	V13
					KN-m/m	KN-m/m	Degrees	KN/m
2414	2414-9	~166	ENVELOPE	Min	0.	0.	0.	-12.42
2414	2414-9	~158	ENVELOPE	Min	0.	0.	0.	-12.42
2414	2414-10	~158	ENVELOPE	Max	0.	0.	0.	5.
2414	2414-10	~166	ENVELOPE	Max	0.	0.	0.	5.
2414	2414-10	~167	ENVELOPE	Max	0.	0.	0.	7.3
2414	2414-10	~159	ENVELOPE	Max	0.	0.	0.	7.3
2414	2414-10	~158	ENVELOPE	Min	0.	0.	0.	-12.84
2414	2414-10	~166	ENVELOPE	Min	0.	0.	0.	-12.84
2414	2414-10	~167	ENVELOPE	Min	0.	0.	0.	-16.42
2414	2414-10	~159	ENVELOPE	Min	0.	0.	0.	-16.42
2414	2414-11	~159	ENVELOPE	Max	0.	0.	0.	7.46
2414	2414-11	~167	ENVELOPE	Max	0.	0.	0.	7.46
2414	2414-11	~168	ENVELOPE	Max	0.	0.	0.	10.52
2414	2414-11	~160	ENVELOPE	Max	0.	0.	0.	10.52
2414	2414-11	~159	ENVELOPE	Min	0.	0.	0.	-16.88
2414	2414-11	~167	ENVELOPE	Min	0.	0.	0.	-16.88
2414	2414-11	~168	ENVELOPE	Min	0.	0.	0.	-21.06
2414	2414-11	~160	ENVELOPE	Min	0.	0.	0.	-21.06
2414	2414-12	~160	ENVELOPE	Max	0.	0.	0.	10.71
2414	2414-12	~168	ENVELOPE	Max	0.	0.	0.	10.71
2414	2414-12	~169	ENVELOPE	Max	0.	0.	0.	13.7
2414	2414-12	~161	ENVELOPE	Max	0.	0.	0.	13.7
2414	2414-12	~160	ENVELOPE	Min	0.	0.	0.	-21.55
2414	2414-12	~168	ENVELOPE	Min	0.	0.	0.	-21.55
2414	2414-12	~169	ENVELOPE	Min	0.	0.	0.	-24.55
2414	2414-12	~161	ENVELOPE	Min	0.	0.	0.	-24.55
2414	2414-13	~161	ENVELOPE	Max	0.	0.	0.	14.09
2414	2414-13	~169	ENVELOPE	Max	0.	0.	0.	14.09
2414	2414-13	~170	ENVELOPE	Max	0.	0.	0.	15.98
2414	2414-13	~162	ENVELOPE	Max	0.	0.	0.	15.98
2414	2414-13	~161	ENVELOPE	Min	0.	0.	0.	-25.26
2414	2414-13	~169	ENVELOPE	Min	0.	0.	0.	-25.26
2414	2414-13	~170	ENVELOPE	Min	0.	0.	0.	-25.03
2414	2414-13	~162	ENVELOPE	Min	0.	0.	0.	-25.03
2414	2414-14	~162	ENVELOPE	Max	0.	0.	0.	16.55
2414	2414-14	~170	ENVELOPE	Max	0.	0.	0.	16.55
2414	2414-14	~171	ENVELOPE	Max	0.	0.	0.	15.6
2414	2414-14	~163	ENVELOPE	Max	0.	0.	0.	15.6
2414	2414-14	~162	ENVELOPE	Min	0.	0.	0.	-25.62
2414	2414-14	~170	ENVELOPE	Min	0.	0.	0.	-25.62
2414	2414-14	~171	ENVELOPE	Min	0.	0.	0.	-20.76
2414	2414-14	~163	ENVELOPE	Min	0.	0.	0.	-20.76
2414	2414-15	~163	ENVELOPE	Max	0.	0.	0.	16.09
2414	2414-15	~171	ENVELOPE	Max	0.	0.	0.	16.09
2414	2414-15	~172	ENVELOPE	Max	0.	0.	0.	11.62
2414	2414-15	~164	ENVELOPE	Max	0.	0.	0.	11.62
2414	2414-15	~163	ENVELOPE	Min	0.	0.	0.	-20.21
2414	2414-15	~171	ENVELOPE	Min	0.	0.	0.	-20.21
2414	2414-15	~172	ENVELOPE	Min	0.	0.	0.	-9.78
2414	2414-15	~164	ENVELOPE	Min	0.	0.	0.	-9.78
2414	2414-16	~164	ENVELOPE	Max	0.	0.	0.	11.87
2414	2414-16	~172	ENVELOPE	Max	0.	0.	0.	11.87
2414	2414-16	~22	ENVELOPE	Max	0.	0.	0.	5.26
2414	2414-16	~28	ENVELOPE	Max	0.	0.	0.	5.26
2414	2414-16	~164	ENVELOPE	Min	0.	0.	0.	-5.34

Table: Element Forces - Area Shells, Part 4 of 5

Area	AreaElem	Joint	OutputCase	StepType	MMax	MMin	MAngle	V13
					KN-m/m	KN-m/m	Degrees	KN/m
2414	2414-16	~172	ENVELOPE	Min	0.	0.	0.	-5.34
2414	2414-16	~22	ENVELOPE	Min	0.	0.	0.	3.13
2414	2414-16	~28	ENVELOPE	Min	0.	0.	0.	3.13
2414	2414-17	~165	ENVELOPE	Max	0.	0.	0.	-4.302E-13
2414	2414-17	~173	ENVELOPE	Max	0.	0.	0.	-4.176E-13
2414	2414-17	~174	ENVELOPE	Max	0.	0.	0.	-6.051E-13
2414	2414-17	~166	ENVELOPE	Max	0.	0.	0.	-6.240E-13
2414	2414-17	~165	ENVELOPE	Min	0.	0.	0.	-3.044E-12
2414	2414-17	~173	ENVELOPE	Min	0.	0.	0.	-3.037E-12
2414	2414-17	~174	ENVELOPE	Min	0.	0.	0.	-3.162E-12
2414	2414-17	~166	ENVELOPE	Min	0.	0.	0.	-3.137E-12
2414	2414-18	~166	ENVELOPE	Max	0.	0.	0.	-7.352E-13
2414	2414-18	~174	ENVELOPE	Max	0.	0.	0.	-7.114E-13
2414	2414-18	~175	ENVELOPE	Max	0.	0.	0.	-6.077E-13
2414	2414-18	~167	ENVELOPE	Max	0.	0.	0.	-6.684E-13
2414	2414-18	~166	ENVELOPE	Min	0.	0.	0.	-3.308E-12
2414	2414-18	~174	ENVELOPE	Min	0.	0.	0.	-3.307E-12
2414	2414-18	~175	ENVELOPE	Min	0.	0.	0.	-2.865E-12
2414	2414-18	~167	ENVELOPE	Min	0.	0.	0.	-2.818E-12
2414	2414-19	~167	ENVELOPE	Max	0.	0.	0.	-7.929E-13
2414	2414-19	~175	ENVELOPE	Max	0.	0.	0.	-8.966E-13
2414	2414-19	~176	ENVELOPE	Max	0.	0.	0.	-3.691E-13
2414	2414-19	~168	ENVELOPE	Max	0.	0.	0.	-5.082E-13
2414	2414-19	~167	ENVELOPE	Min	0.	0.	0.	-2.788E-12
2414	2414-19	~175	ENVELOPE	Min	0.	0.	0.	-2.759E-12
2414	2414-19	~176	ENVELOPE	Min	0.	0.	0.	-2.508E-12
2414	2414-19	~168	ENVELOPE	Min	0.	0.	0.	-2.407E-12
2414	2414-20	~168	ENVELOPE	Max	0.	0.	0.	-7.108E-13
2414	2414-20	~176	ENVELOPE	Max	0.	0.	0.	-6.388E-13
2414	2414-20	~177	ENVELOPE	Max	0.	0.	0.	-4.301E-13
2414	2414-20	~169	ENVELOPE	Max	0.	0.	0.	-3.528E-13
2414	2414-20	~168	ENVELOPE	Min	0.	0.	0.	-2.251E-12
2414	2414-20	~176	ENVELOPE	Min	0.	0.	0.	-2.327E-12
2414	2414-20	~177	ENVELOPE	Min	0.	0.	0.	-1.787E-12
2414	2414-20	~169	ENVELOPE	Min	0.	0.	0.	-1.818E-12
2414	2414-21	~169	ENVELOPE	Max	0.	0.	0.	-5.069E-13
2414	2414-21	~177	ENVELOPE	Max	0.	0.	0.	-9.368E-14
2414	2414-21	~178	ENVELOPE	Max	0.	0.	0.	-7.357E-13
2414	2414-21	~170	ENVELOPE	Max	0.	0.	0.	-3.471E-13
2414	2414-21	~169	ENVELOPE	Min	0.	0.	0.	-1.761E-12
2414	2414-21	~177	ENVELOPE	Min	0.	0.	0.	-1.987E-12
2414	2414-21	~178	ENVELOPE	Min	0.	0.	0.	-8.872E-13
2414	2414-21	~170	ENVELOPE	Min	0.	0.	0.	-1.080E-12
2414	2414-22	~170	ENVELOPE	Max	0.	0.	0.	-5.129E-13
2414	2414-22	~178	ENVELOPE	Max	0.	0.	0.	-5.527E-13
2414	2414-22	~179	ENVELOPE	Max	0.	0.	0.	-5.601E-13
2414	2414-22	~171	ENVELOPE	Max	0.	0.	0.	-5.980E-13
2414	2414-22	~170	ENVELOPE	Min	0.	0.	0.	-1.118E-12
2414	2414-22	~178	ENVELOPE	Min	0.	0.	0.	-1.171E-12
2414	2414-22	~179	ENVELOPE	Min	0.	0.	0.	-6.629E-13
2414	2414-22	~171	ENVELOPE	Min	0.	0.	0.	-6.363E-13
2414	2414-23	~171	ENVELOPE	Max	0.	0.	0.	-7.541E-13
2414	2414-23	~179	ENVELOPE	Max	0.	0.	0.	-6.710E-13
2414	2414-23	~180	ENVELOPE	Max	0.	0.	0.	-2.598E-13
2414	2414-23	~172	ENVELOPE	Max	0.	0.	0.	-2.853E-13

Table: Element Forces - Area Shells, Part 4 of 5

Area	AreaElem	Joint	OutputCase	StepType	MMax	MMin	MAngle	V13
					KN-m/m	KN-m/m	Degrees	KN/m
2414	2414-23	~171	ENVELOPE	Min	0.	0.	0.	-8.338E-13
2414	2414-23	~179	ENVELOPE	Min	0.	0.	0.	-8.804E-13
2414	2414-23	~180	ENVELOPE	Min	0.	0.	0.	-1.597E-12
2414	2414-23	~172	ENVELOPE	Min	0.	0.	0.	-1.543E-12
2414	2414-24	~172	ENVELOPE	Max	0.	0.	0.	3.269E-13
2414	2414-24	~180	ENVELOPE	Max	0.	0.	0.	2.223E-13
2414	2414-24	~16	ENVELOPE	Max	0.	0.	0.	1.224E-12
2414	2414-24	~22	ENVELOPE	Max	0.	0.	0.	1.217E-12
2414	2414-24	~172	ENVELOPE	Min	0.	0.	0.	-1.536E-12
2414	2414-24	~180	ENVELOPE	Min	0.	0.	0.	-1.408E-12
2414	2414-24	~16	ENVELOPE	Min	0.	0.	0.	6.321E-14
2414	2414-24	~22	ENVELOPE	Min	0.	0.	0.	4.996E-14
2414	2414-25	~173	ENVELOPE	Max	0.	0.	0.	11.6
2414	2414-25	~181	ENVELOPE	Max	0.	0.	0.	11.6
2414	2414-25	~182	ENVELOPE	Max	0.	0.	0.	12.42
2414	2414-25	~174	ENVELOPE	Max	0.	0.	0.	12.42
2414	2414-25	~173	ENVELOPE	Min	0.	0.	0.	-4.11
2414	2414-25	~181	ENVELOPE	Min	0.	0.	0.	-4.11
2414	2414-25	~182	ENVELOPE	Min	0.	0.	0.	-4.93
2414	2414-25	~174	ENVELOPE	Min	0.	0.	0.	-4.93
2414	2414-26	~174	ENVELOPE	Max	0.	0.	0.	12.84
2414	2414-26	~182	ENVELOPE	Max	0.	0.	0.	12.84
2414	2414-26	~183	ENVELOPE	Max	0.	0.	0.	16.42
2414	2414-26	~175	ENVELOPE	Max	0.	0.	0.	16.42
2414	2414-26	~174	ENVELOPE	Min	0.	0.	0.	-5.
2414	2414-26	~182	ENVELOPE	Min	0.	0.	0.	-5.
2414	2414-26	~183	ENVELOPE	Min	0.	0.	0.	-7.3
2414	2414-26	~175	ENVELOPE	Min	0.	0.	0.	-7.3
2414	2414-27	~175	ENVELOPE	Max	0.	0.	0.	16.88
2414	2414-27	~183	ENVELOPE	Max	0.	0.	0.	16.88
2414	2414-27	~184	ENVELOPE	Max	0.	0.	0.	21.06
2414	2414-27	~176	ENVELOPE	Max	0.	0.	0.	21.06
2414	2414-27	~175	ENVELOPE	Min	0.	0.	0.	-7.46
2414	2414-27	~183	ENVELOPE	Min	0.	0.	0.	-7.46
2414	2414-27	~184	ENVELOPE	Min	0.	0.	0.	-10.52
2414	2414-27	~176	ENVELOPE	Min	0.	0.	0.	-10.52
2414	2414-28	~176	ENVELOPE	Max	0.	0.	0.	21.55
2414	2414-28	~184	ENVELOPE	Max	0.	0.	0.	21.55
2414	2414-28	~185	ENVELOPE	Max	0.	0.	0.	24.55
2414	2414-28	~177	ENVELOPE	Max	0.	0.	0.	24.55
2414	2414-28	~176	ENVELOPE	Min	0.	0.	0.	-10.71
2414	2414-28	~184	ENVELOPE	Min	0.	0.	0.	-10.71
2414	2414-28	~185	ENVELOPE	Min	0.	0.	0.	-13.7
2414	2414-28	~177	ENVELOPE	Min	0.	0.	0.	-13.7
2414	2414-29	~177	ENVELOPE	Max	0.	0.	0.	25.26
2414	2414-29	~185	ENVELOPE	Max	0.	0.	0.	25.26
2414	2414-29	~186	ENVELOPE	Max	0.	0.	0.	25.03
2414	2414-29	~178	ENVELOPE	Max	0.	0.	0.	25.03
2414	2414-29	~177	ENVELOPE	Min	0.	0.	0.	-14.09
2414	2414-29	~185	ENVELOPE	Min	0.	0.	0.	-14.09
2414	2414-29	~186	ENVELOPE	Min	0.	0.	0.	-15.98
2414	2414-29	~178	ENVELOPE	Min	0.	0.	0.	-15.98
2414	2414-30	~178	ENVELOPE	Max	0.	0.	0.	25.62
2414	2414-30	~186	ENVELOPE	Max	0.	0.	0.	25.62
2414	2414-30	~187	ENVELOPE	Max	0.	0.	0.	20.76

Table: Element Forces - Area Shells, Part 4 of 5

Area	AreaElem	Joint	OutputCase	StepType	MMax	MMin	MAngle	V13
					KN-m/m	KN-m/m	Degrees	KN/m
2414	2414-30	~179	ENVELOPE	Max	0.	0.	0.	20.76
2414	2414-30	~178	ENVELOPE	Min	0.	0.	0.	-16.55
2414	2414-30	~186	ENVELOPE	Min	0.	0.	0.	-16.55
2414	2414-30	~187	ENVELOPE	Min	0.	0.	0.	-15.6
2414	2414-30	~179	ENVELOPE	Min	0.	0.	0.	-15.6
2414	2414-31	~179	ENVELOPE	Max	0.	0.	0.	20.21
2414	2414-31	~187	ENVELOPE	Max	0.	0.	0.	20.21
2414	2414-31	~188	ENVELOPE	Max	0.	0.	0.	9.78
2414	2414-31	~180	ENVELOPE	Max	0.	0.	0.	9.78
2414	2414-31	~179	ENVELOPE	Min	0.	0.	0.	-16.09
2414	2414-31	~187	ENVELOPE	Min	0.	0.	0.	-16.09
2414	2414-31	~188	ENVELOPE	Min	0.	0.	0.	-11.62
2414	2414-31	~180	ENVELOPE	Min	0.	0.	0.	-11.62
2414	2414-32	~180	ENVELOPE	Max	0.	0.	0.	5.34
2414	2414-32	~188	ENVELOPE	Max	0.	0.	0.	5.34
2414	2414-32	~10	ENVELOPE	Max	0.	0.	0.	-3.13
2414	2414-32	~16	ENVELOPE	Max	0.	0.	0.	-3.13
2414	2414-32	~180	ENVELOPE	Min	0.	0.	0.	-11.87
2414	2414-32	~188	ENVELOPE	Min	0.	0.	0.	-11.87
2414	2414-32	~10	ENVELOPE	Min	0.	0.	0.	-5.26
2414	2414-32	~16	ENVELOPE	Min	0.	0.	0.	-5.26
2414	2414-33	~181	ENVELOPE	Max	0.	0.	0.	13.96
2414	2414-33	2	ENVELOPE	Max	0.	0.	0.	13.96
2414	2414-33	~156	ENVELOPE	Max	0.	0.	0.	22.6
2414	2414-33	~182	ENVELOPE	Max	0.	0.	0.	22.6
2414	2414-33	~181	ENVELOPE	Min	0.	0.	0.	-2.94
2414	2414-33	2	ENVELOPE	Min	0.	0.	0.	-2.94
2414	2414-33	~156	ENVELOPE	Min	0.	0.	0.	-8.13
2414	2414-33	~182	ENVELOPE	Min	0.	0.	0.	-8.13
2414	2414-34	~182	ENVELOPE	Max	0.	0.	0.	23.17
2414	2414-34	~156	ENVELOPE	Max	0.	0.	0.	23.17
2414	2414-34	~155	ENVELOPE	Max	0.	0.	0.	32.73
2414	2414-34	~183	ENVELOPE	Max	0.	0.	0.	32.73
2414	2414-34	~182	ENVELOPE	Min	0.	0.	0.	-8.24
2414	2414-34	~156	ENVELOPE	Min	0.	0.	0.	-8.24
2414	2414-34	~155	ENVELOPE	Min	0.	0.	0.	-14.05
2414	2414-34	~183	ENVELOPE	Min	0.	0.	0.	-14.05
2414	2414-35	~183	ENVELOPE	Max	0.	0.	0.	32.93
2414	2414-35	~155	ENVELOPE	Max	0.	0.	0.	32.93
2414	2414-35	~154	ENVELOPE	Max	0.	0.	0.	43.11
2414	2414-35	~184	ENVELOPE	Max	0.	0.	0.	43.11
2414	2414-35	~183	ENVELOPE	Min	0.	0.	0.	-14.12
2414	2414-35	~155	ENVELOPE	Min	0.	0.	0.	-14.12
2414	2414-35	~154	ENVELOPE	Min	0.	0.	0.	-20.73
2414	2414-35	~184	ENVELOPE	Min	0.	0.	0.	-20.73
2414	2414-36	~184	ENVELOPE	Max	0.	0.	0.	43.67
2414	2414-36	~154	ENVELOPE	Max	0.	0.	0.	43.67
2414	2414-36	~153	ENVELOPE	Max	0.	0.	0.	52.95
2414	2414-36	~185	ENVELOPE	Max	0.	0.	0.	52.95
2414	2414-36	~184	ENVELOPE	Min	0.	0.	0.	-20.96
2414	2414-36	~154	ENVELOPE	Min	0.	0.	0.	-20.96
2414	2414-36	~153	ENVELOPE	Min	0.	0.	0.	-28.06
2414	2414-36	~185	ENVELOPE	Min	0.	0.	0.	-28.06
2414	2414-37	~185	ENVELOPE	Max	0.	0.	0.	53.6
2414	2414-37	~153	ENVELOPE	Max	0.	0.	0.	53.6

Table: Element Forces - Area Shells, Part 4 of 5

Area	AreaElem	Joint	OutputCase	StepType	MMax	MMin	MAngle	V13
					KN-m/m	KN-m/m	Degrees	KN/m
2414	2414-37	~152	ENVELOPE	Max	0.	0.	0.	58.37
2414	2414-37	~186	ENVELOPE	Max	0.	0.	0.	58.37
2414	2414-37	~185	ENVELOPE	Min	0.	0.	0.	-28.44
2414	2414-37	~153	ENVELOPE	Min	0.	0.	0.	-28.44
2414	2414-37	~152	ENVELOPE	Min	0.	0.	0.	-34.98
2414	2414-37	~186	ENVELOPE	Min	0.	0.	0.	-34.98
2414	2414-38	~186	ENVELOPE	Max	0.	0.	0.	59.19
2414	2414-38	~152	ENVELOPE	Max	0.	0.	0.	59.19
2414	2414-38	~151	ENVELOPE	Max	0.	0.	0.	54.08
2414	2414-38	~187	ENVELOPE	Max	0.	0.	0.	54.08
2414	2414-38	~186	ENVELOPE	Min	0.	0.	0.	-35.94
2414	2414-38	~152	ENVELOPE	Min	0.	0.	0.	-35.94
2414	2414-38	~151	ENVELOPE	Min	0.	0.	0.	-38.78
2414	2414-38	~187	ENVELOPE	Min	0.	0.	0.	-38.78
2414	2414-39	~187	ENVELOPE	Max	0.	0.	0.	53.15
2414	2414-39	~151	ENVELOPE	Max	0.	0.	0.	53.15
2414	2414-39	~150	ENVELOPE	Max	0.	0.	0.	29.36
2414	2414-39	~188	ENVELOPE	Max	0.	0.	0.	29.36
2414	2414-39	~187	ENVELOPE	Min	0.	0.	0.	-39.51
2414	2414-39	~151	ENVELOPE	Min	0.	0.	0.	-39.51
2414	2414-39	~150	ENVELOPE	Min	0.	0.	0.	-31.48
2414	2414-39	~188	ENVELOPE	Min	0.	0.	0.	-31.48
2414	2414-40	~188	ENVELOPE	Max	0.	0.	0.	24.25
2414	2414-40	~150	ENVELOPE	Max	0.	0.	0.	24.25
2414	2414-40	2043	ENVELOPE	Max	0.	0.	0.	8.32
2414	2414-40	~10	ENVELOPE	Max	0.	0.	0.	8.32
2414	2414-40	~188	ENVELOPE	Min	0.	0.	0.	-32.91
2414	2414-40	~150	ENVELOPE	Min	0.	0.	0.	-32.91
2414	2414-40	2043	ENVELOPE	Min	0.	0.	0.	-5.71
2414	2414-40	~10	ENVELOPE	Min	0.	0.	0.	-5.71

Table: Element Forces - Area Shells, Part 5 of 5

Area	AreaElem	Joint	OutputCase	StepType	V23	VMax	VAngle
					KN/m	KN/m	Degrees
2012	2012-1	2042	ENVELOPE	Max	1.11	0.	0.
2012	2012-1	~1	ENVELOPE	Max	1.11	0.	0.
2012	2012-1	~2	ENVELOPE	Max	-20.98	0.	0.
2012	2012-1	~3	ENVELOPE	Max	-20.98	0.	0.
2012	2012-1	2042	ENVELOPE	Min	-1.65	0.	0.
2012	2012-1	~1	ENVELOPE	Min	-1.65	0.	0.
2012	2012-1	~2	ENVELOPE	Min	-23.47	0.	0.
2012	2012-1	~3	ENVELOPE	Min	-23.47	0.	0.
2012	2012-2	~3	ENVELOPE	Max	-25.64	0.	0.
2012	2012-2	~2	ENVELOPE	Max	-25.64	0.	0.
2012	2012-2	~4	ENVELOPE	Max	-39.35	0.	0.
2012	2012-2	~5	ENVELOPE	Max	-39.35	0.	0.
2012	2012-2	~3	ENVELOPE	Min	-28.45	0.	0.
2012	2012-2	~2	ENVELOPE	Min	-28.45	0.	0.
2012	2012-2	~4	ENVELOPE	Min	-47.	0.	0.
2012	2012-2	~5	ENVELOPE	Min	-47.	0.	0.
2012	2012-3	~5	ENVELOPE	Max	-41.14	0.	0.
2012	2012-3	~4	ENVELOPE	Max	-41.14	0.	0.

Table: Element Forces - Area Shells, Part 5 of 5

Area	AreaElem	Joint	OutputCase	StepType	V23 KN/m	VMax KN/m	VAngle Degrees
2012	2012-3	~6	ENVELOPE	Max	-41.14	0.	0.
2012	2012-3	~7	ENVELOPE	Max	-41.14	0.	0.
2012	2012-3	~5	ENVELOPE	Min	-47.76	0.	0.
2012	2012-3	~4	ENVELOPE	Min	-47.76	0.	0.
2012	2012-3	~6	ENVELOPE	Min	-47.76	0.	0.
2012	2012-3	~7	ENVELOPE	Min	-47.76	0.	0.
2012	2012-4	~7	ENVELOPE	Max	-39.35	0.	0.
2012	2012-4	~6	ENVELOPE	Max	-39.35	0.	0.
2012	2012-4	~8	ENVELOPE	Max	-25.64	0.	0.
2012	2012-4	~9	ENVELOPE	Max	-25.64	0.	0.
2012	2012-4	~7	ENVELOPE	Min	-47.	0.	0.
2012	2012-4	~6	ENVELOPE	Min	-47.	0.	0.
2012	2012-4	~8	ENVELOPE	Min	-28.45	0.	0.
2012	2012-4	~9	ENVELOPE	Min	-28.45	0.	0.
2012	2012-5	~9	ENVELOPE	Max	-20.98	0.	0.
2012	2012-5	~8	ENVELOPE	Max	-20.98	0.	0.
2012	2012-5	~10	ENVELOPE	Max	1.11	0.	0.
2012	2012-5	2043	ENVELOPE	Max	1.11	0.	0.
2012	2012-5	~9	ENVELOPE	Min	-23.47	0.	0.
2012	2012-5	~8	ENVELOPE	Min	-23.47	0.	0.
2012	2012-5	~10	ENVELOPE	Min	-1.65	0.	0.
2012	2012-5	2043	ENVELOPE	Min	-1.65	0.	0.
2012	2012-6	~1	ENVELOPE	Max	3.44	0.	0.
2012	2012-6	~11	ENVELOPE	Max	3.44	0.	0.
2012	2012-6	~12	ENVELOPE	Max	-3.43	0.	0.
2012	2012-6	~2	ENVELOPE	Max	-3.43	0.	0.
2012	2012-6	~1	ENVELOPE	Min	1.56	0.	0.
2012	2012-6	~11	ENVELOPE	Min	1.56	0.	0.
2012	2012-6	~12	ENVELOPE	Min	-6.11	0.	0.
2012	2012-6	~2	ENVELOPE	Min	-6.11	0.	0.
2012	2012-7	~2	ENVELOPE	Max	-8.24	0.	0.
2012	2012-7	~12	ENVELOPE	Max	-8.24	0.	0.
2012	2012-7	~13	ENVELOPE	Max	-14.18	0.	0.
2012	2012-7	~4	ENVELOPE	Max	-14.18	0.	0.
2012	2012-7	~2	ENVELOPE	Min	-8.88	0.	0.
2012	2012-7	~12	ENVELOPE	Min	-8.88	0.	0.
2012	2012-7	~13	ENVELOPE	Min	-15.48	0.	0.
2012	2012-7	~4	ENVELOPE	Min	-15.48	0.	0.
2012	2012-8	~4	ENVELOPE	Max	-15.	0.	0.
2012	2012-8	~13	ENVELOPE	Max	-15.	0.	0.
2012	2012-8	~14	ENVELOPE	Max	-15.	0.	0.
2012	2012-8	~6	ENVELOPE	Max	-15.	0.	0.
2012	2012-8	~4	ENVELOPE	Min	-16.42	0.	0.
2012	2012-8	~13	ENVELOPE	Min	-16.42	0.	0.
2012	2012-8	~14	ENVELOPE	Min	-16.42	0.	0.
2012	2012-8	~6	ENVELOPE	Min	-16.42	0.	0.
2012	2012-9	~6	ENVELOPE	Max	-14.18	0.	0.
2012	2012-9	~14	ENVELOPE	Max	-14.18	0.	0.
2012	2012-9	~15	ENVELOPE	Max	-8.24	0.	0.
2012	2012-9	~8	ENVELOPE	Max	-8.24	0.	0.
2012	2012-9	~6	ENVELOPE	Min	-15.48	0.	0.
2012	2012-9	~14	ENVELOPE	Min	-15.48	0.	0.
2012	2012-9	~15	ENVELOPE	Min	-8.88	0.	0.
2012	2012-9	~8	ENVELOPE	Min	-8.88	0.	0.
2012	2012-10	~8	ENVELOPE	Max	-3.43	0.	0.

Table: Element Forces - Area Shells, Part 5 of 5

Area	AreaElem	Joint	OutputCase	StepType	V23	VMax	VAngle
					KN/m	KN/m	Degrees
2012	2012-10	~15	ENVELOPE	Max	-3.43	0.	0.
2012	2012-10	~16	ENVELOPE	Max	3.44	0.	0.
2012	2012-10	~10	ENVELOPE	Max	3.44	0.	0.
2012	2012-10	~8	ENVELOPE	Min	-6.11	0.	0.
2012	2012-10	~15	ENVELOPE	Min	-6.11	0.	0.
2012	2012-10	~16	ENVELOPE	Min	1.56	0.	0.
2012	2012-10	~10	ENVELOPE	Min	1.56	0.	0.
2012	2012-11	~11	ENVELOPE	Max	7.946E-12	0.	0.
2012	2012-11	~17	ENVELOPE	Max	4.985E-12	0.	0.
2012	2012-11	~18	ENVELOPE	Max	1.056E-11	0.	0.
2012	2012-11	~12	ENVELOPE	Max	1.688E-11	0.	0.
2012	2012-11	~11	ENVELOPE	Min	3.145E-12	0.	0.
2012	2012-11	~17	ENVELOPE	Min	3.283E-12	0.	0.
2012	2012-11	~18	ENVELOPE	Min	-3.327E-12	0.	0.
2012	2012-11	~12	ENVELOPE	Min	-1.041E-11	0.	0.
2012	2012-12	~12	ENVELOPE	Max	2.393E-11	0.	0.
2012	2012-12	~18	ENVELOPE	Max	3.183E-11	0.	0.
2012	2012-12	~19	ENVELOPE	Max	-1.106E-12	0.	0.
2012	2012-12	~13	ENVELOPE	Max	4.674E-12	0.	0.
2012	2012-12	~12	ENVELOPE	Min	-1.990E-12	0.	0.
2012	2012-12	~18	ENVELOPE	Min	1.505E-15	0.	0.
2012	2012-12	~19	ENVELOPE	Min	-1.079E-11	0.	0.
2012	2012-12	~13	ENVELOPE	Min	-1.965E-12	0.	0.
2012	2012-13	~13	ENVELOPE	Max	-2.770E-12	0.	0.
2012	2012-13	~19	ENVELOPE	Max	-4.260E-12	0.	0.
2012	2012-13	~20	ENVELOPE	Max	2.062E-11	0.	0.
2012	2012-13	~14	ENVELOPE	Max	1.365E-11	0.	0.
2012	2012-13	~13	ENVELOPE	Min	-5.306E-12	0.	0.
2012	2012-13	~19	ENVELOPE	Min	-7.043E-12	0.	0.
2012	2012-13	~20	ENVELOPE	Min	2.338E-12	0.	0.
2012	2012-13	~14	ENVELOPE	Min	8.431E-12	0.	0.
2012	2012-14	~14	ENVELOPE	Max	2.393E-11	0.	0.
2012	2012-14	~20	ENVELOPE	Max	2.089E-11	0.	0.
2012	2012-14	~21	ENVELOPE	Max	1.761E-11	0.	0.
2012	2012-14	~15	ENVELOPE	Max	5.720E-12	0.	0.
2012	2012-14	~14	ENVELOPE	Min	4.300E-12	0.	0.
2012	2012-14	~20	ENVELOPE	Min	1.491E-12	0.	0.
2012	2012-14	~21	ENVELOPE	Min	-1.498E-12	0.	0.
2012	2012-14	~15	ENVELOPE	Min	-1.674E-12	0.	0.
2012	2012-15	~15	ENVELOPE	Max	1.156E-11	0.	0.
2012	2012-15	~21	ENVELOPE	Max	1.158E-11	0.	0.
2012	2012-15	~22	ENVELOPE	Max	3.121E-11	0.	0.
2012	2012-15	~16	ENVELOPE	Max	2.014E-11	0.	0.
2012	2012-15	~15	ENVELOPE	Min	-1.443E-12	0.	0.
2012	2012-15	~21	ENVELOPE	Min	2.335E-12	0.	0.
2012	2012-15	~22	ENVELOPE	Min	9.655E-13	0.	0.
2012	2012-15	~16	ENVELOPE	Min	2.575E-12	0.	0.
2012	2012-16	~17	ENVELOPE	Max	-1.56	0.	0.
2012	2012-16	~23	ENVELOPE	Max	-1.56	0.	0.
2012	2012-16	~24	ENVELOPE	Max	6.11	0.	0.
2012	2012-16	~18	ENVELOPE	Max	6.11	0.	0.
2012	2012-16	~17	ENVELOPE	Min	-3.44	0.	0.
2012	2012-16	~23	ENVELOPE	Min	-3.44	0.	0.
2012	2012-16	~24	ENVELOPE	Min	3.43	0.	0.
2012	2012-16	~18	ENVELOPE	Min	3.43	0.	0.

Table: Element Forces - Area Shells, Part 5 of 5

Area	AreaElem	Joint	OutputCase	StepType	V23 KN/m	VMax KN/m	VAngle Degrees
2012	2012-17	~18	ENVELOPE	Max	8.88	0.	0.
2012	2012-17	~24	ENVELOPE	Max	8.88	0.	0.
2012	2012-17	~25	ENVELOPE	Max	15.48	0.	0.
2012	2012-17	~19	ENVELOPE	Max	15.48	0.	0.
2012	2012-17	~18	ENVELOPE	Min	8.24	0.	0.
2012	2012-17	~24	ENVELOPE	Min	8.24	0.	0.
2012	2012-17	~25	ENVELOPE	Min	14.18	0.	0.
2012	2012-17	~19	ENVELOPE	Min	14.18	0.	0.
2012	2012-18	~19	ENVELOPE	Max	16.42	0.	0.
2012	2012-18	~25	ENVELOPE	Max	16.42	0.	0.
2012	2012-18	~26	ENVELOPE	Max	16.42	0.	0.
2012	2012-18	~20	ENVELOPE	Max	16.42	0.	0.
2012	2012-18	~19	ENVELOPE	Min	15.	0.	0.
2012	2012-18	~25	ENVELOPE	Min	15.	0.	0.
2012	2012-18	~26	ENVELOPE	Min	15.	0.	0.
2012	2012-18	~20	ENVELOPE	Min	15.	0.	0.
2012	2012-19	~20	ENVELOPE	Max	15.48	0.	0.
2012	2012-19	~26	ENVELOPE	Max	15.48	0.	0.
2012	2012-19	~27	ENVELOPE	Max	8.88	0.	0.
2012	2012-19	~21	ENVELOPE	Max	8.88	0.	0.
2012	2012-19	~20	ENVELOPE	Min	14.18	0.	0.
2012	2012-19	~26	ENVELOPE	Min	14.18	0.	0.
2012	2012-19	~27	ENVELOPE	Min	8.24	0.	0.
2012	2012-19	~21	ENVELOPE	Min	8.24	0.	0.
2012	2012-20	~21	ENVELOPE	Max	6.11	0.	0.
2012	2012-20	~27	ENVELOPE	Max	6.11	0.	0.
2012	2012-20	~28	ENVELOPE	Max	-1.56	0.	0.
2012	2012-20	~22	ENVELOPE	Max	-1.56	0.	0.
2012	2012-20	~21	ENVELOPE	Min	3.43	0.	0.
2012	2012-20	~27	ENVELOPE	Min	3.43	0.	0.
2012	2012-20	~28	ENVELOPE	Min	-3.44	0.	0.
2012	2012-20	~22	ENVELOPE	Min	-3.44	0.	0.
2012	2012-21	~23	ENVELOPE	Max	1.65	0.	0.
2012	2012-21	2045	ENVELOPE	Max	1.65	0.	0.
2012	2012-21	~29	ENVELOPE	Max	23.47	0.	0.
2012	2012-21	~24	ENVELOPE	Max	23.47	0.	0.
2012	2012-21	~23	ENVELOPE	Min	-1.11	0.	0.
2012	2012-21	2045	ENVELOPE	Min	-1.11	0.	0.
2012	2012-21	~29	ENVELOPE	Min	20.98	0.	0.
2012	2012-21	~24	ENVELOPE	Min	20.98	0.	0.
2012	2012-22	~24	ENVELOPE	Max	28.45	0.	0.
2012	2012-22	~29	ENVELOPE	Max	28.45	0.	0.
2012	2012-22	~30	ENVELOPE	Max	47.	0.	0.
2012	2012-22	~25	ENVELOPE	Max	47.	0.	0.
2012	2012-22	~24	ENVELOPE	Min	25.64	0.	0.
2012	2012-22	~29	ENVELOPE	Min	25.64	0.	0.
2012	2012-22	~30	ENVELOPE	Min	39.35	0.	0.
2012	2012-22	~25	ENVELOPE	Min	39.35	0.	0.
2012	2012-23	~25	ENVELOPE	Max	47.76	0.	0.
2012	2012-23	~30	ENVELOPE	Max	47.76	0.	0.
2012	2012-23	~31	ENVELOPE	Max	47.76	0.	0.
2012	2012-23	~26	ENVELOPE	Max	47.76	0.	0.
2012	2012-23	~25	ENVELOPE	Min	41.14	0.	0.
2012	2012-23	~30	ENVELOPE	Min	41.14	0.	0.
2012	2012-23	~31	ENVELOPE	Min	41.14	0.	0.

Table: Element Forces - Area Shells, Part 5 of 5

Area	AreaElem	Joint	OutputCase	StepType	V23	VMax	VAngle
					KN/m	KN/m	Degrees
2012	2012-23	~26	ENVELOPE	Min	41.14	0.	0.
2012	2012-24	~26	ENVELOPE	Max	47.	0.	0.
2012	2012-24	~31	ENVELOPE	Max	47.	0.	0.
2012	2012-24	~32	ENVELOPE	Max	28.45	0.	0.
2012	2012-24	~27	ENVELOPE	Max	28.45	0.	0.
2012	2012-24	~26	ENVELOPE	Min	39.35	0.	0.
2012	2012-24	~31	ENVELOPE	Min	39.35	0.	0.
2012	2012-24	~32	ENVELOPE	Min	25.64	0.	0.
2012	2012-24	~27	ENVELOPE	Min	25.64	0.	0.
2012	2012-25	~27	ENVELOPE	Max	23.47	0.	0.
2012	2012-25	~32	ENVELOPE	Max	23.47	0.	0.
2012	2012-25	2044	ENVELOPE	Max	1.65	0.	0.
2012	2012-25	~28	ENVELOPE	Max	1.65	0.	0.
2012	2012-25	~27	ENVELOPE	Min	20.98	0.	0.
2012	2012-25	~32	ENVELOPE	Min	20.98	0.	0.
2012	2012-25	2044	ENVELOPE	Min	-1.11	0.	0.
2012	2012-25	~28	ENVELOPE	Min	-1.11	0.	0.
2114	2114-1	1	ENVELOPE	Max	4.13	0.	0.
2114	2114-1	~33	ENVELOPE	Max	1.83	0.	0.
2114	2114-1	~34	ENVELOPE	Max	1.83	0.	0.
2114	2114-1	~35	ENVELOPE	Max	4.13	0.	0.
2114	2114-1	1	ENVELOPE	Min	-1.73	0.	0.
2114	2114-1	~33	ENVELOPE	Min	-1.12	0.	0.
2114	2114-1	~34	ENVELOPE	Min	-1.12	0.	0.
2114	2114-1	~35	ENVELOPE	Min	-1.73	0.	0.
2114	2114-2	~35	ENVELOPE	Max	3.82	0.	0.
2114	2114-2	~34	ENVELOPE	Max	1.73	0.	0.
2114	2114-2	~36	ENVELOPE	Max	1.73	0.	0.
2114	2114-2	~37	ENVELOPE	Max	3.82	0.	0.
2114	2114-2	~35	ENVELOPE	Min	-2.59	0.	0.
2114	2114-2	~34	ENVELOPE	Min	-1.31	0.	0.
2114	2114-2	~36	ENVELOPE	Min	-1.31	0.	0.
2114	2114-2	~37	ENVELOPE	Min	-2.59	0.	0.
2114	2114-3	~37	ENVELOPE	Max	3.27	0.	0.
2114	2114-3	~36	ENVELOPE	Max	0.81	0.	0.
2114	2114-3	~38	ENVELOPE	Max	0.81	0.	0.
2114	2114-3	~39	ENVELOPE	Max	3.27	0.	0.
2114	2114-3	~37	ENVELOPE	Min	-2.48	0.	0.
2114	2114-3	~36	ENVELOPE	Min	-1.15	0.	0.
2114	2114-3	~38	ENVELOPE	Min	-1.15	0.	0.
2114	2114-3	~39	ENVELOPE	Min	-2.48	0.	0.
2114	2114-4	~39	ENVELOPE	Max	2.22	0.	0.
2114	2114-4	~38	ENVELOPE	Max	-0.43	0.	0.
2114	2114-4	~40	ENVELOPE	Max	-0.43	0.	0.
2114	2114-4	~41	ENVELOPE	Max	2.22	0.	0.
2114	2114-4	~39	ENVELOPE	Min	-2.2	0.	0.
2114	2114-4	~38	ENVELOPE	Min	-0.75	0.	0.
2114	2114-4	~40	ENVELOPE	Min	-0.75	0.	0.
2114	2114-4	~41	ENVELOPE	Min	-2.2	0.	0.
2114	2114-5	~41	ENVELOPE	Max	-7.435E-02	0.	0.
2114	2114-5	~40	ENVELOPE	Max	0.49	0.	0.
2114	2114-5	~42	ENVELOPE	Max	0.49	0.	0.
2114	2114-5	~43	ENVELOPE	Max	-7.435E-02	0.	0.
2114	2114-5	~41	ENVELOPE	Min	-0.85	0.	0.
2114	2114-5	~40	ENVELOPE	Min	-2.49	0.	0.

Table: Element Forces - Area Shells, Part 5 of 5

Area	AreaElem	Joint	OutputCase	StepType	V23 KN/m	VMax KN/m	VAngle Degrees
2114	2114-5	~42	ENVELOPE	Min	-2.49	0.	0.
2114	2114-5	~43	ENVELOPE	Min	-0.85	0.	0.
2114	2114-6	~43	ENVELOPE	Max	1.89	0.	0.
2114	2114-6	~42	ENVELOPE	Max	3.52	0.	0.
2114	2114-6	~44	ENVELOPE	Max	3.52	0.	0.
2114	2114-6	~45	ENVELOPE	Max	1.89	0.	0.
2114	2114-6	~43	ENVELOPE	Min	-2.69	0.	0.
2114	2114-6	~42	ENVELOPE	Min	-4.55	0.	0.
2114	2114-6	~44	ENVELOPE	Min	-4.55	0.	0.
2114	2114-6	~45	ENVELOPE	Min	-2.69	0.	0.
2114	2114-7	~45	ENVELOPE	Max	8.98	0.	0.
2114	2114-7	~44	ENVELOPE	Max	7.11	0.	0.
2114	2114-7	~46	ENVELOPE	Max	7.11	0.	0.
2114	2114-7	~47	ENVELOPE	Max	8.98	0.	0.
2114	2114-7	~45	ENVELOPE	Min	-7.06	0.	0.
2114	2114-7	~44	ENVELOPE	Min	0.43	0.	0.
2114	2114-7	~46	ENVELOPE	Min	0.43	0.	0.
2114	2114-7	~47	ENVELOPE	Min	-7.06	0.	0.
2114	2114-8	~47	ENVELOPE	Max	4.27	0.	0.
2114	2114-8	~46	ENVELOPE	Max	22.76	0.	0.
2114	2114-8	~1	ENVELOPE	Max	22.76	0.	0.
2114	2114-8	2042	ENVELOPE	Max	4.27	0.	0.
2114	2114-8	~47	ENVELOPE	Min	2.59	0.	0.
2114	2114-8	~46	ENVELOPE	Min	5.23	0.	0.
2114	2114-8	~1	ENVELOPE	Min	5.23	0.	0.
2114	2114-8	2042	ENVELOPE	Min	2.59	0.	0.
2114	2114-9	~33	ENVELOPE	Max	0.24	0.	0.
2114	2114-9	~48	ENVELOPE	Max	0.19	0.	0.
2114	2114-9	~49	ENVELOPE	Max	0.19	0.	0.
2114	2114-9	~34	ENVELOPE	Max	0.24	0.	0.
2114	2114-9	~33	ENVELOPE	Min	-7.519E-02	0.	0.
2114	2114-9	~48	ENVELOPE	Min	-1.25	0.	0.
2114	2114-9	~49	ENVELOPE	Min	-1.25	0.	0.
2114	2114-9	~34	ENVELOPE	Min	-7.519E-02	0.	0.
2114	2114-10	~34	ENVELOPE	Max	0.34	0.	0.
2114	2114-10	~49	ENVELOPE	Max	1.35	0.	0.
2114	2114-10	~50	ENVELOPE	Max	1.35	0.	0.
2114	2114-10	~36	ENVELOPE	Max	0.34	0.	0.
2114	2114-10	~34	ENVELOPE	Min	-0.89	0.	0.
2114	2114-10	~49	ENVELOPE	Min	-3.03	0.	0.
2114	2114-10	~50	ENVELOPE	Min	-3.03	0.	0.
2114	2114-10	~36	ENVELOPE	Min	-0.89	0.	0.
2114	2114-11	~36	ENVELOPE	Max	0.78	0.	0.
2114	2114-11	~50	ENVELOPE	Max	1.85	0.	0.
2114	2114-11	~51	ENVELOPE	Max	1.85	0.	0.
2114	2114-11	~38	ENVELOPE	Max	0.78	0.	0.
2114	2114-11	~36	ENVELOPE	Min	-2.01	0.	0.
2114	2114-11	~50	ENVELOPE	Min	-4.04	0.	0.
2114	2114-11	~51	ENVELOPE	Min	-4.04	0.	0.
2114	2114-11	~38	ENVELOPE	Min	-2.01	0.	0.
2114	2114-12	~38	ENVELOPE	Max	1.25	0.	0.
2114	2114-12	~51	ENVELOPE	Max	2.69	0.	0.
2114	2114-12	~52	ENVELOPE	Max	2.69	0.	0.
2114	2114-12	~40	ENVELOPE	Max	1.25	0.	0.
2114	2114-12	~38	ENVELOPE	Min	-2.76	0.	0.

Table: Element Forces - Area Shells, Part 5 of 5

Area	AreaElem	Joint	OutputCase	StepType	V23	VMax	VAngle
					KN/m	KN/m	Degrees
2114	2114-12	~51	ENVELOPE	Min	-5.14	0.	0.
2114	2114-12	~52	ENVELOPE	Min	-5.14	0.	0.
2114	2114-12	~40	ENVELOPE	Min	-2.76	0.	0.
2114	2114-13	~40	ENVELOPE	Max	2.07	0.	0.
2114	2114-13	~52	ENVELOPE	Max	4.18	0.	0.
2114	2114-13	~53	ENVELOPE	Max	4.18	0.	0.
2114	2114-13	~42	ENVELOPE	Max	2.07	0.	0.
2114	2114-13	~40	ENVELOPE	Min	-3.23	0.	0.
2114	2114-13	~52	ENVELOPE	Min	-5.42	0.	0.
2114	2114-13	~53	ENVELOPE	Min	-5.42	0.	0.
2114	2114-13	~42	ENVELOPE	Min	-3.23	0.	0.
2114	2114-14	~42	ENVELOPE	Max	3.72	0.	0.
2114	2114-14	~53	ENVELOPE	Max	5.69	0.	0.
2114	2114-14	~54	ENVELOPE	Max	5.69	0.	0.
2114	2114-14	~44	ENVELOPE	Max	3.72	0.	0.
2114	2114-14	~42	ENVELOPE	Min	-2.09	0.	0.
2114	2114-14	~53	ENVELOPE	Min	-1.74	0.	0.
2114	2114-14	~54	ENVELOPE	Min	-1.74	0.	0.
2114	2114-14	~44	ENVELOPE	Min	-2.09	0.	0.
2114	2114-15	~44	ENVELOPE	Max	6.02	0.	0.
2114	2114-15	~54	ENVELOPE	Max	12.88	0.	0.
2114	2114-15	~55	ENVELOPE	Max	12.88	0.	0.
2114	2114-15	~46	ENVELOPE	Max	6.02	0.	0.
2114	2114-15	~44	ENVELOPE	Min	4.33	0.	0.
2114	2114-15	~54	ENVELOPE	Min	4.55	0.	0.
2114	2114-15	~55	ENVELOPE	Min	4.55	0.	0.
2114	2114-15	~46	ENVELOPE	Min	4.33	0.	0.
2114	2114-16	~46	ENVELOPE	Max	28.76	0.	0.
2114	2114-16	~55	ENVELOPE	Max	50.34	0.	0.
2114	2114-16	~11	ENVELOPE	Max	50.34	0.	0.
2114	2114-16	~1	ENVELOPE	Max	28.76	0.	0.
2114	2114-16	~46	ENVELOPE	Min	-1.38	0.	0.
2114	2114-16	~55	ENVELOPE	Min	-2.81	0.	0.
2114	2114-16	~11	ENVELOPE	Min	-2.81	0.	0.
2114	2114-16	~1	ENVELOPE	Min	-1.38	0.	0.
2114	2114-17	~48	ENVELOPE	Max	0.35	0.	0.
2114	2114-17	~56	ENVELOPE	Max	0.35	0.	0.
2114	2114-17	~57	ENVELOPE	Max	0.35	0.	0.
2114	2114-17	~49	ENVELOPE	Max	0.35	0.	0.
2114	2114-17	~48	ENVELOPE	Min	-1.39	0.	0.
2114	2114-17	~56	ENVELOPE	Min	-1.39	0.	0.
2114	2114-17	~57	ENVELOPE	Min	-1.39	0.	0.
2114	2114-17	~49	ENVELOPE	Min	-1.39	0.	0.
2114	2114-18	~49	ENVELOPE	Max	1.78	0.	0.
2114	2114-18	~57	ENVELOPE	Max	1.78	0.	0.
2114	2114-18	~58	ENVELOPE	Max	1.78	0.	0.
2114	2114-18	~50	ENVELOPE	Max	1.78	0.	0.
2114	2114-18	~49	ENVELOPE	Min	-3.67	0.	0.
2114	2114-18	~57	ENVELOPE	Min	-3.67	0.	0.
2114	2114-18	~58	ENVELOPE	Min	-3.67	0.	0.
2114	2114-18	~50	ENVELOPE	Min	-3.67	0.	0.
2114	2114-19	~50	ENVELOPE	Max	2.44	0.	0.
2114	2114-19	~58	ENVELOPE	Max	2.44	0.	0.
2114	2114-19	~59	ENVELOPE	Max	2.44	0.	0.
2114	2114-19	~51	ENVELOPE	Max	2.44	0.	0.

Table: Element Forces - Area Shells, Part 5 of 5

Area	AreaElem	Joint	OutputCase	StepType	V23 KN/m	VMax KN/m	VAngle Degrees
2114	2114-19	~50	ENVELOPE	Min	-4.83	0.	0.
2114	2114-19	~58	ENVELOPE	Min	-4.83	0.	0.
2114	2114-19	~59	ENVELOPE	Min	-4.83	0.	0.
2114	2114-19	~51	ENVELOPE	Min	-4.83	0.	0.
2114	2114-20	~51	ENVELOPE	Max	3.26	0.	0.
2114	2114-20	~59	ENVELOPE	Max	3.26	0.	0.
2114	2114-20	~60	ENVELOPE	Max	3.26	0.	0.
2114	2114-20	~52	ENVELOPE	Max	3.26	0.	0.
2114	2114-20	~51	ENVELOPE	Min	-5.65	0.	0.
2114	2114-20	~59	ENVELOPE	Min	-5.65	0.	0.
2114	2114-20	~60	ENVELOPE	Min	-5.65	0.	0.
2114	2114-20	~52	ENVELOPE	Min	-5.65	0.	0.
2114	2114-21	~52	ENVELOPE	Max	4.47	0.	0.
2114	2114-21	~60	ENVELOPE	Max	4.47	0.	0.
2114	2114-21	~61	ENVELOPE	Max	4.47	0.	0.
2114	2114-21	~53	ENVELOPE	Max	4.47	0.	0.
2114	2114-21	~52	ENVELOPE	Min	-5.28	0.	0.
2114	2114-21	~60	ENVELOPE	Min	-5.28	0.	0.
2114	2114-21	~61	ENVELOPE	Min	-5.28	0.	0.
2114	2114-21	~53	ENVELOPE	Min	-5.28	0.	0.
2114	2114-22	~53	ENVELOPE	Max	5.39	0.	0.
2114	2114-22	~61	ENVELOPE	Max	5.39	0.	0.
2114	2114-22	~62	ENVELOPE	Max	5.39	0.	0.
2114	2114-22	~54	ENVELOPE	Max	5.39	0.	0.
2114	2114-22	~53	ENVELOPE	Min	-0.66	0.	0.
2114	2114-22	~61	ENVELOPE	Min	-0.66	0.	0.
2114	2114-22	~62	ENVELOPE	Min	-0.66	0.	0.
2114	2114-22	~54	ENVELOPE	Min	-0.66	0.	0.
2114	2114-23	~54	ENVELOPE	Max	14.45	0.	0.
2114	2114-23	~62	ENVELOPE	Max	14.45	0.	0.
2114	2114-23	~63	ENVELOPE	Max	14.45	0.	0.
2114	2114-23	~55	ENVELOPE	Max	14.45	0.	0.
2114	2114-23	~54	ENVELOPE	Min	3.66	0.	0.
2114	2114-23	~62	ENVELOPE	Min	3.66	0.	0.
2114	2114-23	~63	ENVELOPE	Min	3.66	0.	0.
2114	2114-23	~55	ENVELOPE	Min	3.66	0.	0.
2114	2114-24	~55	ENVELOPE	Max	52.39	0.	0.
2114	2114-24	~63	ENVELOPE	Max	52.39	0.	0.
2114	2114-24	~17	ENVELOPE	Max	52.39	0.	0.
2114	2114-24	~11	ENVELOPE	Max	52.39	0.	0.
2114	2114-24	~55	ENVELOPE	Min	-4.37	0.	0.
2114	2114-24	~63	ENVELOPE	Min	-4.37	0.	0.
2114	2114-24	~17	ENVELOPE	Min	-4.37	0.	0.
2114	2114-24	~11	ENVELOPE	Min	-4.37	0.	0.
2114	2114-25	~56	ENVELOPE	Max	0.19	0.	0.
2114	2114-25	~64	ENVELOPE	Max	0.24	0.	0.
2114	2114-25	~65	ENVELOPE	Max	0.24	0.	0.
2114	2114-25	~57	ENVELOPE	Max	0.19	0.	0.
2114	2114-25	~56	ENVELOPE	Min	-1.25	0.	0.
2114	2114-25	~64	ENVELOPE	Min	-7.519E-02	0.	0.
2114	2114-25	~65	ENVELOPE	Min	-7.519E-02	0.	0.
2114	2114-25	~57	ENVELOPE	Min	-1.25	0.	0.
2114	2114-26	~57	ENVELOPE	Max	1.35	0.	0.
2114	2114-26	~65	ENVELOPE	Max	0.34	0.	0.
2114	2114-26	~66	ENVELOPE	Max	0.34	0.	0.

Table: Element Forces - Area Shells, Part 5 of 5

Area	AreaElem	Joint	OutputCase	StepType	V23	VMax	VAngle
					KN/m	KN/m	Degrees
2114	2114-26	~58	ENVELOPE	Max	1.35	0.	0.
2114	2114-26	~57	ENVELOPE	Min	-3.03	0.	0.
2114	2114-26	~65	ENVELOPE	Min	-0.89	0.	0.
2114	2114-26	~66	ENVELOPE	Min	-0.89	0.	0.
2114	2114-26	~58	ENVELOPE	Min	-3.03	0.	0.
2114	2114-27	~58	ENVELOPE	Max	1.85	0.	0.
2114	2114-27	~66	ENVELOPE	Max	0.78	0.	0.
2114	2114-27	~67	ENVELOPE	Max	0.78	0.	0.
2114	2114-27	~59	ENVELOPE	Max	1.85	0.	0.
2114	2114-27	~58	ENVELOPE	Min	-4.04	0.	0.
2114	2114-27	~66	ENVELOPE	Min	-2.01	0.	0.
2114	2114-27	~67	ENVELOPE	Min	-2.01	0.	0.
2114	2114-27	~59	ENVELOPE	Min	-4.04	0.	0.
2114	2114-28	~59	ENVELOPE	Max	2.69	0.	0.
2114	2114-28	~67	ENVELOPE	Max	1.25	0.	0.
2114	2114-28	~68	ENVELOPE	Max	1.25	0.	0.
2114	2114-28	~60	ENVELOPE	Max	2.69	0.	0.
2114	2114-28	~59	ENVELOPE	Min	-5.14	0.	0.
2114	2114-28	~67	ENVELOPE	Min	-2.76	0.	0.
2114	2114-28	~68	ENVELOPE	Min	-2.76	0.	0.
2114	2114-28	~60	ENVELOPE	Min	-5.14	0.	0.
2114	2114-29	~60	ENVELOPE	Max	4.18	0.	0.
2114	2114-29	~68	ENVELOPE	Max	2.07	0.	0.
2114	2114-29	~69	ENVELOPE	Max	2.07	0.	0.
2114	2114-29	~61	ENVELOPE	Max	4.18	0.	0.
2114	2114-29	~60	ENVELOPE	Min	-5.42	0.	0.
2114	2114-29	~68	ENVELOPE	Min	-3.23	0.	0.
2114	2114-29	~69	ENVELOPE	Min	-3.23	0.	0.
2114	2114-29	~61	ENVELOPE	Min	-5.42	0.	0.
2114	2114-30	~61	ENVELOPE	Max	5.69	0.	0.
2114	2114-30	~69	ENVELOPE	Max	3.72	0.	0.
2114	2114-30	~70	ENVELOPE	Max	3.72	0.	0.
2114	2114-30	~62	ENVELOPE	Max	5.69	0.	0.
2114	2114-30	~61	ENVELOPE	Min	-1.74	0.	0.
2114	2114-30	~69	ENVELOPE	Min	-2.09	0.	0.
2114	2114-30	~70	ENVELOPE	Min	-2.09	0.	0.
2114	2114-30	~62	ENVELOPE	Min	-1.74	0.	0.
2114	2114-31	~62	ENVELOPE	Max	12.88	0.	0.
2114	2114-31	~70	ENVELOPE	Max	6.02	0.	0.
2114	2114-31	~71	ENVELOPE	Max	6.02	0.	0.
2114	2114-31	~63	ENVELOPE	Max	12.88	0.	0.
2114	2114-31	~62	ENVELOPE	Min	4.55	0.	0.
2114	2114-31	~70	ENVELOPE	Min	4.33	0.	0.
2114	2114-31	~71	ENVELOPE	Min	4.33	0.	0.
2114	2114-31	~63	ENVELOPE	Min	4.55	0.	0.
2114	2114-32	~63	ENVELOPE	Max	50.34	0.	0.
2114	2114-32	~71	ENVELOPE	Max	28.76	0.	0.
2114	2114-32	~23	ENVELOPE	Max	28.76	0.	0.
2114	2114-32	~17	ENVELOPE	Max	50.34	0.	0.
2114	2114-32	~63	ENVELOPE	Min	-2.81	0.	0.
2114	2114-32	~71	ENVELOPE	Min	-1.38	0.	0.
2114	2114-32	~23	ENVELOPE	Min	-1.38	0.	0.
2114	2114-32	~17	ENVELOPE	Min	-2.81	0.	0.
2114	2114-33	~64	ENVELOPE	Max	1.83	0.	0.
2114	2114-33	3	ENVELOPE	Max	4.13	0.	0.

Table: Element Forces - Area Shells, Part 5 of 5

Area	AreaElem	Joint	OutputCase	StepType	V23 KN/m	VMax KN/m	VAngle Degrees
2114	2114-33	~72	ENVELOPE	Max	4.13	0.	0.
2114	2114-33	~65	ENVELOPE	Max	1.83	0.	0.
2114	2114-33	~64	ENVELOPE	Min	-1.12	0.	0.
2114	2114-33	3	ENVELOPE	Min	-1.73	0.	0.
2114	2114-33	~72	ENVELOPE	Min	-1.73	0.	0.
2114	2114-33	~65	ENVELOPE	Min	-1.12	0.	0.
2114	2114-34	~65	ENVELOPE	Max	1.73	0.	0.
2114	2114-34	~72	ENVELOPE	Max	3.82	0.	0.
2114	2114-34	~73	ENVELOPE	Max	3.82	0.	0.
2114	2114-34	~66	ENVELOPE	Max	1.73	0.	0.
2114	2114-34	~65	ENVELOPE	Min	-1.31	0.	0.
2114	2114-34	~72	ENVELOPE	Min	-2.59	0.	0.
2114	2114-34	~73	ENVELOPE	Min	-2.59	0.	0.
2114	2114-34	~66	ENVELOPE	Min	-1.31	0.	0.
2114	2114-35	~66	ENVELOPE	Max	0.81	0.	0.
2114	2114-35	~73	ENVELOPE	Max	3.27	0.	0.
2114	2114-35	~74	ENVELOPE	Max	3.27	0.	0.
2114	2114-35	~67	ENVELOPE	Max	0.81	0.	0.
2114	2114-35	~66	ENVELOPE	Min	-1.15	0.	0.
2114	2114-35	~73	ENVELOPE	Min	-2.48	0.	0.
2114	2114-35	~74	ENVELOPE	Min	-2.48	0.	0.
2114	2114-35	~67	ENVELOPE	Min	-1.15	0.	0.
2114	2114-36	~67	ENVELOPE	Max	-0.43	0.	0.
2114	2114-36	~74	ENVELOPE	Max	2.22	0.	0.
2114	2114-36	~75	ENVELOPE	Max	2.22	0.	0.
2114	2114-36	~68	ENVELOPE	Max	-0.43	0.	0.
2114	2114-36	~67	ENVELOPE	Min	-0.75	0.	0.
2114	2114-36	~74	ENVELOPE	Min	-2.2	0.	0.
2114	2114-36	~75	ENVELOPE	Min	-2.2	0.	0.
2114	2114-36	~68	ENVELOPE	Min	-0.75	0.	0.
2114	2114-37	~68	ENVELOPE	Max	0.49	0.	0.
2114	2114-37	~75	ENVELOPE	Max	-7.435E-02	0.	0.
2114	2114-37	~76	ENVELOPE	Max	-7.435E-02	0.	0.
2114	2114-37	~69	ENVELOPE	Max	0.49	0.	0.
2114	2114-37	~68	ENVELOPE	Min	-2.49	0.	0.
2114	2114-37	~75	ENVELOPE	Min	-0.85	0.	0.
2114	2114-37	~76	ENVELOPE	Min	-0.85	0.	0.
2114	2114-37	~69	ENVELOPE	Min	-2.49	0.	0.
2114	2114-38	~69	ENVELOPE	Max	3.52	0.	0.
2114	2114-38	~76	ENVELOPE	Max	1.89	0.	0.
2114	2114-38	~77	ENVELOPE	Max	1.89	0.	0.
2114	2114-38	~70	ENVELOPE	Max	3.52	0.	0.
2114	2114-38	~69	ENVELOPE	Min	-4.55	0.	0.
2114	2114-38	~76	ENVELOPE	Min	-2.69	0.	0.
2114	2114-38	~77	ENVELOPE	Min	-2.69	0.	0.
2114	2114-38	~70	ENVELOPE	Min	-4.55	0.	0.
2114	2114-39	~70	ENVELOPE	Max	7.11	0.	0.
2114	2114-39	~77	ENVELOPE	Max	8.98	0.	0.
2114	2114-39	~78	ENVELOPE	Max	8.98	0.	0.
2114	2114-39	~71	ENVELOPE	Max	7.11	0.	0.
2114	2114-39	~70	ENVELOPE	Min	0.43	0.	0.
2114	2114-39	~77	ENVELOPE	Min	-7.06	0.	0.
2114	2114-39	~78	ENVELOPE	Min	-7.06	0.	0.
2114	2114-39	~71	ENVELOPE	Min	0.43	0.	0.
2114	2114-40	~71	ENVELOPE	Max	22.76	0.	0.

Table: Element Forces - Area Shells, Part 5 of 5

Area	AreaElem	Joint	OutputCase	StepType	V23	VMax	VAngle
					KN/m	KN/m	Degrees
2114	2114-40	~78	ENVELOPE	Max	4.27	0.	0.
2114	2114-40	2045	ENVELOPE	Max	4.27	0.	0.
2114	2114-40	~23	ENVELOPE	Max	22.76	0.	0.
2114	2114-40	~71	ENVELOPE	Min	5.23	0.	0.
2114	2114-40	~78	ENVELOPE	Min	2.59	0.	0.
2114	2114-40	2045	ENVELOPE	Min	2.59	0.	0.
2114	2114-40	~23	ENVELOPE	Min	5.23	0.	0.
2214	2214-1	3	ENVELOPE	Max	4.13	0.	0.
2214	2214-1	~79	ENVELOPE	Max	1.83	0.	0.
2214	2214-1	~80	ENVELOPE	Max	1.83	0.	0.
2214	2214-1	~72	ENVELOPE	Max	4.13	0.	0.
2214	2214-1	3	ENVELOPE	Min	-1.73	0.	0.
2214	2214-1	~79	ENVELOPE	Min	-1.12	0.	0.
2214	2214-1	~80	ENVELOPE	Min	-1.12	0.	0.
2214	2214-1	~72	ENVELOPE	Min	-1.73	0.	0.
2214	2214-2	~72	ENVELOPE	Max	3.82	0.	0.
2214	2214-2	~80	ENVELOPE	Max	1.73	0.	0.
2214	2214-2	~81	ENVELOPE	Max	1.73	0.	0.
2214	2214-2	~73	ENVELOPE	Max	3.82	0.	0.
2214	2214-2	~72	ENVELOPE	Min	-2.59	0.	0.
2214	2214-2	~80	ENVELOPE	Min	-1.31	0.	0.
2214	2214-2	~81	ENVELOPE	Min	-1.31	0.	0.
2214	2214-2	~73	ENVELOPE	Min	-2.59	0.	0.
2214	2214-3	~73	ENVELOPE	Max	3.27	0.	0.
2214	2214-3	~81	ENVELOPE	Max	0.81	0.	0.
2214	2214-3	~82	ENVELOPE	Max	0.81	0.	0.
2214	2214-3	~74	ENVELOPE	Max	3.27	0.	0.
2214	2214-3	~73	ENVELOPE	Min	-2.48	0.	0.
2214	2214-3	~81	ENVELOPE	Min	-1.15	0.	0.
2214	2214-3	~82	ENVELOPE	Min	-1.15	0.	0.
2214	2214-3	~74	ENVELOPE	Min	-2.48	0.	0.
2214	2214-4	~74	ENVELOPE	Max	2.22	0.	0.
2214	2214-4	~82	ENVELOPE	Max	-0.43	0.	0.
2214	2214-4	~83	ENVELOPE	Max	-0.43	0.	0.
2214	2214-4	~75	ENVELOPE	Max	2.22	0.	0.
2214	2214-4	~74	ENVELOPE	Min	-2.2	0.	0.
2214	2214-4	~82	ENVELOPE	Min	-0.75	0.	0.
2214	2214-4	~83	ENVELOPE	Min	-0.75	0.	0.
2214	2214-4	~75	ENVELOPE	Min	-2.2	0.	0.
2214	2214-5	~75	ENVELOPE	Max	-7.435E-02	0.	0.
2214	2214-5	~83	ENVELOPE	Max	0.49	0.	0.
2214	2214-5	~84	ENVELOPE	Max	0.49	0.	0.
2214	2214-5	~76	ENVELOPE	Max	-7.435E-02	0.	0.
2214	2214-5	~75	ENVELOPE	Min	-0.85	0.	0.
2214	2214-5	~83	ENVELOPE	Min	-2.49	0.	0.
2214	2214-5	~84	ENVELOPE	Min	-2.49	0.	0.
2214	2214-5	~76	ENVELOPE	Min	-0.85	0.	0.
2214	2214-6	~76	ENVELOPE	Max	1.89	0.	0.
2214	2214-6	~84	ENVELOPE	Max	3.52	0.	0.
2214	2214-6	~85	ENVELOPE	Max	3.52	0.	0.
2214	2214-6	~77	ENVELOPE	Max	1.89	0.	0.
2214	2214-6	~76	ENVELOPE	Min	-2.69	0.	0.
2214	2214-6	~84	ENVELOPE	Min	-4.55	0.	0.
2214	2214-6	~85	ENVELOPE	Min	-4.55	0.	0.
2214	2214-6	~77	ENVELOPE	Min	-2.69	0.	0.

Table: Element Forces - Area Shells, Part 5 of 5

Area	AreaElem	Joint	OutputCase	StepType	V23 KN/m	VMax KN/m	VAngle Degrees
2214	2214-7	~77	ENVELOPE	Max	8.98	0.	0.
2214	2214-7	~85	ENVELOPE	Max	7.11	0.	0.
2214	2214-7	~86	ENVELOPE	Max	7.11	0.	0.
2214	2214-7	~78	ENVELOPE	Max	8.98	0.	0.
2214	2214-7	~77	ENVELOPE	Min	-7.06	0.	0.
2214	2214-7	~85	ENVELOPE	Min	0.43	0.	0.
2214	2214-7	~86	ENVELOPE	Min	0.43	0.	0.
2214	2214-7	~78	ENVELOPE	Min	-7.06	0.	0.
2214	2214-8	~78	ENVELOPE	Max	4.27	0.	0.
2214	2214-8	~86	ENVELOPE	Max	22.76	0.	0.
2214	2214-8	~29	ENVELOPE	Max	22.76	0.	0.
2214	2214-8	2045	ENVELOPE	Max	4.27	0.	0.
2214	2214-8	~78	ENVELOPE	Min	2.59	0.	0.
2214	2214-8	~86	ENVELOPE	Min	5.23	0.	0.
2214	2214-8	~29	ENVELOPE	Min	5.23	0.	0.
2214	2214-8	2045	ENVELOPE	Min	2.59	0.	0.
2214	2214-9	~79	ENVELOPE	Max	0.24	0.	0.
2214	2214-9	~87	ENVELOPE	Max	0.19	0.	0.
2214	2214-9	~88	ENVELOPE	Max	0.19	0.	0.
2214	2214-9	~80	ENVELOPE	Max	0.24	0.	0.
2214	2214-9	~79	ENVELOPE	Min	-7.519E-02	0.	0.
2214	2214-9	~87	ENVELOPE	Min	-1.25	0.	0.
2214	2214-9	~88	ENVELOPE	Min	-1.25	0.	0.
2214	2214-9	~80	ENVELOPE	Min	-7.519E-02	0.	0.
2214	2214-10	~80	ENVELOPE	Max	0.34	0.	0.
2214	2214-10	~88	ENVELOPE	Max	1.35	0.	0.
2214	2214-10	~89	ENVELOPE	Max	1.35	0.	0.
2214	2214-10	~81	ENVELOPE	Max	0.34	0.	0.
2214	2214-10	~80	ENVELOPE	Min	-0.89	0.	0.
2214	2214-10	~88	ENVELOPE	Min	-3.03	0.	0.
2214	2214-10	~89	ENVELOPE	Min	-3.03	0.	0.
2214	2214-10	~81	ENVELOPE	Min	-0.89	0.	0.
2214	2214-11	~81	ENVELOPE	Max	0.78	0.	0.
2214	2214-11	~89	ENVELOPE	Max	1.85	0.	0.
2214	2214-11	~90	ENVELOPE	Max	1.85	0.	0.
2214	2214-11	~82	ENVELOPE	Max	0.78	0.	0.
2214	2214-11	~81	ENVELOPE	Min	-2.01	0.	0.
2214	2214-11	~89	ENVELOPE	Min	-4.04	0.	0.
2214	2214-11	~90	ENVELOPE	Min	-4.04	0.	0.
2214	2214-11	~82	ENVELOPE	Min	-2.01	0.	0.
2214	2214-12	~82	ENVELOPE	Max	1.25	0.	0.
2214	2214-12	~90	ENVELOPE	Max	2.69	0.	0.
2214	2214-12	~91	ENVELOPE	Max	2.69	0.	0.
2214	2214-12	~83	ENVELOPE	Max	1.25	0.	0.
2214	2214-12	~82	ENVELOPE	Min	-2.76	0.	0.
2214	2214-12	~90	ENVELOPE	Min	-5.14	0.	0.
2214	2214-12	~91	ENVELOPE	Min	-5.14	0.	0.
2214	2214-12	~83	ENVELOPE	Min	-2.76	0.	0.
2214	2214-13	~83	ENVELOPE	Max	2.07	0.	0.
2214	2214-13	~91	ENVELOPE	Max	4.18	0.	0.
2214	2214-13	~92	ENVELOPE	Max	4.18	0.	0.
2214	2214-13	~84	ENVELOPE	Max	2.07	0.	0.
2214	2214-13	~83	ENVELOPE	Min	-3.23	0.	0.
2214	2214-13	~91	ENVELOPE	Min	-5.42	0.	0.
2214	2214-13	~92	ENVELOPE	Min	-5.42	0.	0.

Table: Element Forces - Area Shells, Part 5 of 5

Area	AreaElem	Joint	OutputCase	StepType	V23	VMax	VAngle
					KN/m	KN/m	Degrees
2214	2214-13	~84	ENVELOPE	Min	-3.23	0.	0.
2214	2214-14	~84	ENVELOPE	Max	3.72	0.	0.
2214	2214-14	~92	ENVELOPE	Max	5.69	0.	0.
2214	2214-14	~93	ENVELOPE	Max	5.69	0.	0.
2214	2214-14	~85	ENVELOPE	Max	3.72	0.	0.
2214	2214-14	~84	ENVELOPE	Min	-2.09	0.	0.
2214	2214-14	~92	ENVELOPE	Min	-1.74	0.	0.
2214	2214-14	~93	ENVELOPE	Min	-1.74	0.	0.
2214	2214-14	~85	ENVELOPE	Min	-2.09	0.	0.
2214	2214-15	~85	ENVELOPE	Max	6.02	0.	0.
2214	2214-15	~93	ENVELOPE	Max	12.88	0.	0.
2214	2214-15	~94	ENVELOPE	Max	12.88	0.	0.
2214	2214-15	~86	ENVELOPE	Max	6.02	0.	0.
2214	2214-15	~85	ENVELOPE	Min	4.33	0.	0.
2214	2214-15	~93	ENVELOPE	Min	4.55	0.	0.
2214	2214-15	~94	ENVELOPE	Min	4.55	0.	0.
2214	2214-15	~86	ENVELOPE	Min	4.33	0.	0.
2214	2214-16	~86	ENVELOPE	Max	28.76	0.	0.
2214	2214-16	~94	ENVELOPE	Max	50.34	0.	0.
2214	2214-16	~30	ENVELOPE	Max	50.34	0.	0.
2214	2214-16	~29	ENVELOPE	Max	28.76	0.	0.
2214	2214-16	~86	ENVELOPE	Min	-1.38	0.	0.
2214	2214-16	~94	ENVELOPE	Min	-2.81	0.	0.
2214	2214-16	~30	ENVELOPE	Min	-2.81	0.	0.
2214	2214-16	~29	ENVELOPE	Min	-1.38	0.	0.
2214	2214-17	~87	ENVELOPE	Max	0.35	0.	0.
2214	2214-17	~95	ENVELOPE	Max	0.35	0.	0.
2214	2214-17	~96	ENVELOPE	Max	0.35	0.	0.
2214	2214-17	~88	ENVELOPE	Max	0.35	0.	0.
2214	2214-17	~87	ENVELOPE	Min	-1.39	0.	0.
2214	2214-17	~95	ENVELOPE	Min	-1.39	0.	0.
2214	2214-17	~96	ENVELOPE	Min	-1.39	0.	0.
2214	2214-17	~88	ENVELOPE	Min	-1.39	0.	0.
2214	2214-18	~88	ENVELOPE	Max	1.78	0.	0.
2214	2214-18	~96	ENVELOPE	Max	1.78	0.	0.
2214	2214-18	~97	ENVELOPE	Max	1.78	0.	0.
2214	2214-18	~89	ENVELOPE	Max	1.78	0.	0.
2214	2214-18	~88	ENVELOPE	Min	-3.67	0.	0.
2214	2214-18	~96	ENVELOPE	Min	-3.67	0.	0.
2214	2214-18	~97	ENVELOPE	Min	-3.67	0.	0.
2214	2214-18	~89	ENVELOPE	Min	-3.67	0.	0.
2214	2214-19	~89	ENVELOPE	Max	2.44	0.	0.
2214	2214-19	~97	ENVELOPE	Max	2.44	0.	0.
2214	2214-19	~98	ENVELOPE	Max	2.44	0.	0.
2214	2214-19	~90	ENVELOPE	Max	2.44	0.	0.
2214	2214-19	~89	ENVELOPE	Min	-4.83	0.	0.
2214	2214-19	~97	ENVELOPE	Min	-4.83	0.	0.
2214	2214-19	~98	ENVELOPE	Min	-4.83	0.	0.
2214	2214-19	~90	ENVELOPE	Min	-4.83	0.	0.
2214	2214-20	~90	ENVELOPE	Max	3.26	0.	0.
2214	2214-20	~98	ENVELOPE	Max	3.26	0.	0.
2214	2214-20	~99	ENVELOPE	Max	3.26	0.	0.
2214	2214-20	~91	ENVELOPE	Max	3.26	0.	0.
2214	2214-20	~90	ENVELOPE	Min	-5.65	0.	0.
2214	2214-20	~98	ENVELOPE	Min	-5.65	0.	0.

Table: Element Forces - Area Shells, Part 5 of 5

Area	AreaElem	Joint	OutputCase	StepType	V23 KN/m	VMax KN/m	VAngle Degrees
2214	2214-20	~99	ENVELOPE	Min	-5.65	0.	0.
2214	2214-20	~91	ENVELOPE	Min	-5.65	0.	0.
2214	2214-21	~91	ENVELOPE	Max	4.47	0.	0.
2214	2214-21	~99	ENVELOPE	Max	4.47	0.	0.
2214	2214-21	~100	ENVELOPE	Max	4.47	0.	0.
2214	2214-21	~92	ENVELOPE	Max	4.47	0.	0.
2214	2214-21	~91	ENVELOPE	Min	-5.28	0.	0.
2214	2214-21	~99	ENVELOPE	Min	-5.28	0.	0.
2214	2214-21	~100	ENVELOPE	Min	-5.28	0.	0.
2214	2214-21	~92	ENVELOPE	Min	-5.28	0.	0.
2214	2214-22	~92	ENVELOPE	Max	5.39	0.	0.
2214	2214-22	~100	ENVELOPE	Max	5.39	0.	0.
2214	2214-22	~101	ENVELOPE	Max	5.39	0.	0.
2214	2214-22	~93	ENVELOPE	Max	5.39	0.	0.
2214	2214-22	~92	ENVELOPE	Min	-0.66	0.	0.
2214	2214-22	~100	ENVELOPE	Min	-0.66	0.	0.
2214	2214-22	~101	ENVELOPE	Min	-0.66	0.	0.
2214	2214-22	~93	ENVELOPE	Min	-0.66	0.	0.
2214	2214-23	~93	ENVELOPE	Max	14.45	0.	0.
2214	2214-23	~101	ENVELOPE	Max	14.45	0.	0.
2214	2214-23	~102	ENVELOPE	Max	14.45	0.	0.
2214	2214-23	~94	ENVELOPE	Max	14.45	0.	0.
2214	2214-23	~93	ENVELOPE	Min	3.66	0.	0.
2214	2214-23	~101	ENVELOPE	Min	3.66	0.	0.
2214	2214-23	~102	ENVELOPE	Min	3.66	0.	0.
2214	2214-23	~94	ENVELOPE	Min	3.66	0.	0.
2214	2214-24	~94	ENVELOPE	Max	52.39	0.	0.
2214	2214-24	~102	ENVELOPE	Max	52.39	0.	0.
2214	2214-24	~31	ENVELOPE	Max	52.39	0.	0.
2214	2214-24	~30	ENVELOPE	Max	52.39	0.	0.
2214	2214-24	~94	ENVELOPE	Min	-4.37	0.	0.
2214	2214-24	~102	ENVELOPE	Min	-4.37	0.	0.
2214	2214-24	~31	ENVELOPE	Min	-4.37	0.	0.
2214	2214-24	~30	ENVELOPE	Min	-4.37	0.	0.
2214	2214-25	~95	ENVELOPE	Max	0.19	0.	0.
2214	2214-25	~103	ENVELOPE	Max	0.24	0.	0.
2214	2214-25	~104	ENVELOPE	Max	0.24	0.	0.
2214	2214-25	~96	ENVELOPE	Max	0.19	0.	0.
2214	2214-25	~95	ENVELOPE	Min	-1.25	0.	0.
2214	2214-25	~103	ENVELOPE	Min	-7.519E-02	0.	0.
2214	2214-25	~104	ENVELOPE	Min	-7.519E-02	0.	0.
2214	2214-25	~96	ENVELOPE	Min	-1.25	0.	0.
2214	2214-26	~96	ENVELOPE	Max	1.35	0.	0.
2214	2214-26	~104	ENVELOPE	Max	0.34	0.	0.
2214	2214-26	~105	ENVELOPE	Max	0.34	0.	0.
2214	2214-26	~97	ENVELOPE	Max	1.35	0.	0.
2214	2214-26	~96	ENVELOPE	Min	-3.03	0.	0.
2214	2214-26	~104	ENVELOPE	Min	-0.89	0.	0.
2214	2214-26	~105	ENVELOPE	Min	-0.89	0.	0.
2214	2214-26	~97	ENVELOPE	Min	-3.03	0.	0.
2214	2214-27	~97	ENVELOPE	Max	1.85	0.	0.
2214	2214-27	~105	ENVELOPE	Max	0.78	0.	0.
2214	2214-27	~106	ENVELOPE	Max	0.78	0.	0.
2214	2214-27	~98	ENVELOPE	Max	1.85	0.	0.
2214	2214-27	~97	ENVELOPE	Min	-4.04	0.	0.

Table: Element Forces - Area Shells, Part 5 of 5

Area	AreaElem	Joint	OutputCase	StepType	V23	VMax	VAngle
					KN/m	KN/m	Degrees
2214	2214-27	~105	ENVELOPE	Min	-2.01	0.	0.
2214	2214-27	~106	ENVELOPE	Min	-2.01	0.	0.
2214	2214-27	~98	ENVELOPE	Min	-4.04	0.	0.
2214	2214-28	~98	ENVELOPE	Max	2.69	0.	0.
2214	2214-28	~106	ENVELOPE	Max	1.25	0.	0.
2214	2214-28	~107	ENVELOPE	Max	1.25	0.	0.
2214	2214-28	~99	ENVELOPE	Max	2.69	0.	0.
2214	2214-28	~98	ENVELOPE	Min	-5.14	0.	0.
2214	2214-28	~106	ENVELOPE	Min	-2.76	0.	0.
2214	2214-28	~107	ENVELOPE	Min	-2.76	0.	0.
2214	2214-28	~99	ENVELOPE	Min	-5.14	0.	0.
2214	2214-29	~99	ENVELOPE	Max	4.18	0.	0.
2214	2214-29	~107	ENVELOPE	Max	2.07	0.	0.
2214	2214-29	~108	ENVELOPE	Max	2.07	0.	0.
2214	2214-29	~100	ENVELOPE	Max	4.18	0.	0.
2214	2214-29	~99	ENVELOPE	Min	-5.42	0.	0.
2214	2214-29	~107	ENVELOPE	Min	-3.23	0.	0.
2214	2214-29	~108	ENVELOPE	Min	-3.23	0.	0.
2214	2214-29	~100	ENVELOPE	Min	-5.42	0.	0.
2214	2214-30	~100	ENVELOPE	Max	5.69	0.	0.
2214	2214-30	~108	ENVELOPE	Max	3.72	0.	0.
2214	2214-30	~109	ENVELOPE	Max	3.72	0.	0.
2214	2214-30	~101	ENVELOPE	Max	5.69	0.	0.
2214	2214-30	~100	ENVELOPE	Min	-1.74	0.	0.
2214	2214-30	~108	ENVELOPE	Min	-2.09	0.	0.
2214	2214-30	~109	ENVELOPE	Min	-2.09	0.	0.
2214	2214-30	~101	ENVELOPE	Min	-1.74	0.	0.
2214	2214-31	~101	ENVELOPE	Max	12.88	0.	0.
2214	2214-31	~109	ENVELOPE	Max	6.02	0.	0.
2214	2214-31	~110	ENVELOPE	Max	6.02	0.	0.
2214	2214-31	~102	ENVELOPE	Max	12.88	0.	0.
2214	2214-31	~101	ENVELOPE	Min	4.55	0.	0.
2214	2214-31	~109	ENVELOPE	Min	4.33	0.	0.
2214	2214-31	~110	ENVELOPE	Min	4.33	0.	0.
2214	2214-31	~102	ENVELOPE	Min	4.55	0.	0.
2214	2214-32	~102	ENVELOPE	Max	50.34	0.	0.
2214	2214-32	~110	ENVELOPE	Max	28.76	0.	0.
2214	2214-32	~32	ENVELOPE	Max	28.76	0.	0.
2214	2214-32	~31	ENVELOPE	Max	50.34	0.	0.
2214	2214-32	~102	ENVELOPE	Min	-2.81	0.	0.
2214	2214-32	~110	ENVELOPE	Min	-1.38	0.	0.
2214	2214-32	~32	ENVELOPE	Min	-1.38	0.	0.
2214	2214-32	~31	ENVELOPE	Min	-2.81	0.	0.
2214	2214-33	~103	ENVELOPE	Max	1.83	0.	0.
2214	2214-33	4	ENVELOPE	Max	4.13	0.	0.
2214	2214-33	~111	ENVELOPE	Max	4.13	0.	0.
2214	2214-33	~104	ENVELOPE	Max	1.83	0.	0.
2214	2214-33	~103	ENVELOPE	Min	-1.12	0.	0.
2214	2214-33	4	ENVELOPE	Min	-1.73	0.	0.
2214	2214-33	~111	ENVELOPE	Min	-1.73	0.	0.
2214	2214-33	~104	ENVELOPE	Min	-1.12	0.	0.
2214	2214-34	~104	ENVELOPE	Max	1.73	0.	0.
2214	2214-34	~111	ENVELOPE	Max	3.82	0.	0.
2214	2214-34	~112	ENVELOPE	Max	3.82	0.	0.
2214	2214-34	~105	ENVELOPE	Max	1.73	0.	0.

Table: Element Forces - Area Shells, Part 5 of 5

Area	AreaElem	Joint	OutputCase	StepType	V23 KN/m	VMax KN/m	VAngle Degrees
2214	2214-34	~104	ENVELOPE	Min	-1.31	0.	0.
2214	2214-34	~111	ENVELOPE	Min	-2.59	0.	0.
2214	2214-34	~112	ENVELOPE	Min	-2.59	0.	0.
2214	2214-34	~105	ENVELOPE	Min	-1.31	0.	0.
2214	2214-35	~105	ENVELOPE	Max	0.81	0.	0.
2214	2214-35	~112	ENVELOPE	Max	3.27	0.	0.
2214	2214-35	~113	ENVELOPE	Max	3.27	0.	0.
2214	2214-35	~106	ENVELOPE	Max	0.81	0.	0.
2214	2214-35	~105	ENVELOPE	Min	-1.15	0.	0.
2214	2214-35	~112	ENVELOPE	Min	-2.48	0.	0.
2214	2214-35	~113	ENVELOPE	Min	-2.48	0.	0.
2214	2214-35	~106	ENVELOPE	Min	-1.15	0.	0.
2214	2214-36	~106	ENVELOPE	Max	-0.43	0.	0.
2214	2214-36	~113	ENVELOPE	Max	2.22	0.	0.
2214	2214-36	~114	ENVELOPE	Max	2.22	0.	0.
2214	2214-36	~107	ENVELOPE	Max	-0.43	0.	0.
2214	2214-36	~106	ENVELOPE	Min	-0.75	0.	0.
2214	2214-36	~113	ENVELOPE	Min	-2.2	0.	0.
2214	2214-36	~114	ENVELOPE	Min	-2.2	0.	0.
2214	2214-36	~107	ENVELOPE	Min	-0.75	0.	0.
2214	2214-37	~107	ENVELOPE	Max	0.49	0.	0.
2214	2214-37	~114	ENVELOPE	Max	-7.435E-02	0.	0.
2214	2214-37	~115	ENVELOPE	Max	-7.435E-02	0.	0.
2214	2214-37	~108	ENVELOPE	Max	0.49	0.	0.
2214	2214-37	~107	ENVELOPE	Min	-2.49	0.	0.
2214	2214-37	~114	ENVELOPE	Min	-0.85	0.	0.
2214	2214-37	~115	ENVELOPE	Min	-0.85	0.	0.
2214	2214-37	~108	ENVELOPE	Min	-2.49	0.	0.
2214	2214-38	~108	ENVELOPE	Max	3.52	0.	0.
2214	2214-38	~115	ENVELOPE	Max	1.89	0.	0.
2214	2214-38	~116	ENVELOPE	Max	1.89	0.	0.
2214	2214-38	~109	ENVELOPE	Max	3.52	0.	0.
2214	2214-38	~108	ENVELOPE	Min	-4.55	0.	0.
2214	2214-38	~115	ENVELOPE	Min	-2.69	0.	0.
2214	2214-38	~116	ENVELOPE	Min	-2.69	0.	0.
2214	2214-38	~109	ENVELOPE	Min	-4.55	0.	0.
2214	2214-39	~109	ENVELOPE	Max	7.11	0.	0.
2214	2214-39	~116	ENVELOPE	Max	8.98	0.	0.
2214	2214-39	~117	ENVELOPE	Max	8.98	0.	0.
2214	2214-39	~110	ENVELOPE	Max	7.11	0.	0.
2214	2214-39	~109	ENVELOPE	Min	0.43	0.	0.
2214	2214-39	~116	ENVELOPE	Min	-7.06	0.	0.
2214	2214-39	~117	ENVELOPE	Min	-7.06	0.	0.
2214	2214-39	~110	ENVELOPE	Min	0.43	0.	0.
2214	2214-40	~110	ENVELOPE	Max	22.76	0.	0.
2214	2214-40	~117	ENVELOPE	Max	4.27	0.	0.
2214	2214-40	2044	ENVELOPE	Max	4.27	0.	0.
2214	2214-40	~32	ENVELOPE	Max	22.76	0.	0.
2214	2214-40	~110	ENVELOPE	Min	5.23	0.	0.
2214	2214-40	~117	ENVELOPE	Min	2.59	0.	0.
2214	2214-40	2044	ENVELOPE	Min	2.59	0.	0.
2214	2214-40	~32	ENVELOPE	Min	5.23	0.	0.
2314	2314-1	2042	ENVELOPE	Max	4.27	0.	0.
2314	2314-1	~3	ENVELOPE	Max	22.76	0.	0.
2314	2314-1	~118	ENVELOPE	Max	22.76	0.	0.

Table: Element Forces - Area Shells, Part 5 of 5

Area	AreaElem	Joint	OutputCase	StepType	V23	VMax	VAngle
					KN/m	KN/m	Degrees
2314	2314-1	~47	ENVELOPE	Max	4.27	0.	0.
2314	2314-1	2042	ENVELOPE	Min	2.59	0.	0.
2314	2314-1	~3	ENVELOPE	Min	5.23	0.	0.
2314	2314-1	~118	ENVELOPE	Min	5.23	0.	0.
2314	2314-1	~47	ENVELOPE	Min	2.59	0.	0.
2314	2314-2	~47	ENVELOPE	Max	8.98	0.	0.
2314	2314-2	~118	ENVELOPE	Max	7.11	0.	0.
2314	2314-2	~119	ENVELOPE	Max	7.11	0.	0.
2314	2314-2	~45	ENVELOPE	Max	8.98	0.	0.
2314	2314-2	~47	ENVELOPE	Min	-7.06	0.	0.
2314	2314-2	~118	ENVELOPE	Min	0.43	0.	0.
2314	2314-2	~119	ENVELOPE	Min	0.43	0.	0.
2314	2314-2	~45	ENVELOPE	Min	-7.06	0.	0.
2314	2314-3	~45	ENVELOPE	Max	1.89	0.	0.
2314	2314-3	~119	ENVELOPE	Max	3.52	0.	0.
2314	2314-3	~120	ENVELOPE	Max	3.52	0.	0.
2314	2314-3	~43	ENVELOPE	Max	1.89	0.	0.
2314	2314-3	~45	ENVELOPE	Min	-2.69	0.	0.
2314	2314-3	~119	ENVELOPE	Min	-4.55	0.	0.
2314	2314-3	~120	ENVELOPE	Min	-4.55	0.	0.
2314	2314-3	~43	ENVELOPE	Min	-2.69	0.	0.
2314	2314-4	~43	ENVELOPE	Max	-7.435E-02	0.	0.
2314	2314-4	~120	ENVELOPE	Max	0.49	0.	0.
2314	2314-4	~121	ENVELOPE	Max	0.49	0.	0.
2314	2314-4	~41	ENVELOPE	Max	-7.435E-02	0.	0.
2314	2314-4	~43	ENVELOPE	Min	-0.85	0.	0.
2314	2314-4	~120	ENVELOPE	Min	-2.49	0.	0.
2314	2314-4	~121	ENVELOPE	Min	-2.49	0.	0.
2314	2314-4	~41	ENVELOPE	Min	-0.85	0.	0.
2314	2314-5	~41	ENVELOPE	Max	2.22	0.	0.
2314	2314-5	~121	ENVELOPE	Max	-0.43	0.	0.
2314	2314-5	~122	ENVELOPE	Max	-0.43	0.	0.
2314	2314-5	~39	ENVELOPE	Max	2.22	0.	0.
2314	2314-5	~41	ENVELOPE	Min	-2.2	0.	0.
2314	2314-5	~121	ENVELOPE	Min	-0.75	0.	0.
2314	2314-5	~122	ENVELOPE	Min	-0.75	0.	0.
2314	2314-5	~39	ENVELOPE	Min	-2.2	0.	0.
2314	2314-6	~39	ENVELOPE	Max	3.27	0.	0.
2314	2314-6	~122	ENVELOPE	Max	0.81	0.	0.
2314	2314-6	~123	ENVELOPE	Max	0.81	0.	0.
2314	2314-6	~37	ENVELOPE	Max	3.27	0.	0.
2314	2314-6	~39	ENVELOPE	Min	-2.48	0.	0.
2314	2314-6	~122	ENVELOPE	Min	-1.15	0.	0.
2314	2314-6	~123	ENVELOPE	Min	-1.15	0.	0.
2314	2314-6	~37	ENVELOPE	Min	-2.48	0.	0.
2314	2314-7	~37	ENVELOPE	Max	3.82	0.	0.
2314	2314-7	~123	ENVELOPE	Max	1.73	0.	0.
2314	2314-7	~124	ENVELOPE	Max	1.73	0.	0.
2314	2314-7	~35	ENVELOPE	Max	3.82	0.	0.
2314	2314-7	~37	ENVELOPE	Min	-2.59	0.	0.
2314	2314-7	~123	ENVELOPE	Min	-1.31	0.	0.
2314	2314-7	~124	ENVELOPE	Min	-1.31	0.	0.
2314	2314-7	~35	ENVELOPE	Min	-2.59	0.	0.
2314	2314-8	~35	ENVELOPE	Max	4.13	0.	0.
2314	2314-8	~124	ENVELOPE	Max	1.83	0.	0.

Table: Element Forces - Area Shells, Part 5 of 5

Area	AreaElem	Joint	OutputCase	StepType	V23 KN/m	VMax KN/m	VAngle Degrees
2314	2314-8	~125	ENVELOPE	Max	1.83	0.	0.
2314	2314-8	1	ENVELOPE	Max	4.13	0.	0.
2314	2314-8	~35	ENVELOPE	Min	-1.73	0.	0.
2314	2314-8	~124	ENVELOPE	Min	-1.12	0.	0.
2314	2314-8	~125	ENVELOPE	Min	-1.12	0.	0.
2314	2314-8	1	ENVELOPE	Min	-1.73	0.	0.
2314	2314-9	~3	ENVELOPE	Max	28.76	0.	0.
2314	2314-9	~5	ENVELOPE	Max	50.34	0.	0.
2314	2314-9	~126	ENVELOPE	Max	50.34	0.	0.
2314	2314-9	~118	ENVELOPE	Max	28.76	0.	0.
2314	2314-9	~3	ENVELOPE	Min	-1.38	0.	0.
2314	2314-9	~5	ENVELOPE	Min	-2.81	0.	0.
2314	2314-9	~126	ENVELOPE	Min	-2.81	0.	0.
2314	2314-9	~118	ENVELOPE	Min	-1.38	0.	0.
2314	2314-10	~118	ENVELOPE	Max	6.02	0.	0.
2314	2314-10	~126	ENVELOPE	Max	12.88	0.	0.
2314	2314-10	~127	ENVELOPE	Max	12.88	0.	0.
2314	2314-10	~119	ENVELOPE	Max	6.02	0.	0.
2314	2314-10	~118	ENVELOPE	Min	4.33	0.	0.
2314	2314-10	~126	ENVELOPE	Min	4.55	0.	0.
2314	2314-10	~127	ENVELOPE	Min	4.55	0.	0.
2314	2314-10	~119	ENVELOPE	Min	4.33	0.	0.
2314	2314-11	~119	ENVELOPE	Max	3.72	0.	0.
2314	2314-11	~127	ENVELOPE	Max	5.69	0.	0.
2314	2314-11	~128	ENVELOPE	Max	5.69	0.	0.
2314	2314-11	~120	ENVELOPE	Max	3.72	0.	0.
2314	2314-11	~119	ENVELOPE	Min	-2.09	0.	0.
2314	2314-11	~127	ENVELOPE	Min	-1.74	0.	0.
2314	2314-11	~128	ENVELOPE	Min	-1.74	0.	0.
2314	2314-11	~120	ENVELOPE	Min	-2.09	0.	0.
2314	2314-12	~120	ENVELOPE	Max	2.07	0.	0.
2314	2314-12	~128	ENVELOPE	Max	4.18	0.	0.
2314	2314-12	~129	ENVELOPE	Max	4.18	0.	0.
2314	2314-12	~121	ENVELOPE	Max	2.07	0.	0.
2314	2314-12	~120	ENVELOPE	Min	-3.23	0.	0.
2314	2314-12	~128	ENVELOPE	Min	-5.42	0.	0.
2314	2314-12	~129	ENVELOPE	Min	-5.42	0.	0.
2314	2314-12	~121	ENVELOPE	Min	-3.23	0.	0.
2314	2314-13	~121	ENVELOPE	Max	1.25	0.	0.
2314	2314-13	~129	ENVELOPE	Max	2.69	0.	0.
2314	2314-13	~130	ENVELOPE	Max	2.69	0.	0.
2314	2314-13	~122	ENVELOPE	Max	1.25	0.	0.
2314	2314-13	~121	ENVELOPE	Min	-2.76	0.	0.
2314	2314-13	~129	ENVELOPE	Min	-5.14	0.	0.
2314	2314-13	~130	ENVELOPE	Min	-5.14	0.	0.
2314	2314-13	~122	ENVELOPE	Min	-2.76	0.	0.
2314	2314-14	~122	ENVELOPE	Max	0.78	0.	0.
2314	2314-14	~130	ENVELOPE	Max	1.85	0.	0.
2314	2314-14	~131	ENVELOPE	Max	1.85	0.	0.
2314	2314-14	~123	ENVELOPE	Max	0.78	0.	0.
2314	2314-14	~122	ENVELOPE	Min	-2.01	0.	0.
2314	2314-14	~130	ENVELOPE	Min	-4.04	0.	0.
2314	2314-14	~131	ENVELOPE	Min	-4.04	0.	0.
2314	2314-14	~123	ENVELOPE	Min	-2.01	0.	0.
2314	2314-15	~123	ENVELOPE	Max	0.34	0.	0.

Table: Element Forces - Area Shells, Part 5 of 5

Area	AreaElem	Joint	OutputCase	StepType	V23	VMax	VAngle
					KN/m	KN/m	Degrees
2314	2314-15	~131	ENVELOPE	Max	1.35	0.	0.
2314	2314-15	~132	ENVELOPE	Max	1.35	0.	0.
2314	2314-15	~124	ENVELOPE	Max	0.34	0.	0.
2314	2314-15	~123	ENVELOPE	Min	-0.89	0.	0.
2314	2314-15	~131	ENVELOPE	Min	-3.03	0.	0.
2314	2314-15	~132	ENVELOPE	Min	-3.03	0.	0.
2314	2314-15	~124	ENVELOPE	Min	-0.89	0.	0.
2314	2314-16	~124	ENVELOPE	Max	0.24	0.	0.
2314	2314-16	~132	ENVELOPE	Max	0.19	0.	0.
2314	2314-16	~133	ENVELOPE	Max	0.19	0.	0.
2314	2314-16	~125	ENVELOPE	Max	0.24	0.	0.
2314	2314-16	~124	ENVELOPE	Min	-7.519E-02	0.	0.
2314	2314-16	~132	ENVELOPE	Min	-1.25	0.	0.
2314	2314-16	~133	ENVELOPE	Min	-1.25	0.	0.
2314	2314-16	~125	ENVELOPE	Min	-7.519E-02	0.	0.
2314	2314-17	~5	ENVELOPE	Max	52.39	0.	0.
2314	2314-17	~7	ENVELOPE	Max	52.39	0.	0.
2314	2314-17	~134	ENVELOPE	Max	52.39	0.	0.
2314	2314-17	~126	ENVELOPE	Max	52.39	0.	0.
2314	2314-17	~5	ENVELOPE	Min	-4.37	0.	0.
2314	2314-17	~7	ENVELOPE	Min	-4.37	0.	0.
2314	2314-17	~134	ENVELOPE	Min	-4.37	0.	0.
2314	2314-17	~126	ENVELOPE	Min	-4.37	0.	0.
2314	2314-18	~126	ENVELOPE	Max	14.45	0.	0.
2314	2314-18	~134	ENVELOPE	Max	14.45	0.	0.
2314	2314-18	~135	ENVELOPE	Max	14.45	0.	0.
2314	2314-18	~127	ENVELOPE	Max	14.45	0.	0.
2314	2314-18	~126	ENVELOPE	Min	3.66	0.	0.
2314	2314-18	~134	ENVELOPE	Min	3.66	0.	0.
2314	2314-18	~135	ENVELOPE	Min	3.66	0.	0.
2314	2314-18	~127	ENVELOPE	Min	3.66	0.	0.
2314	2314-19	~127	ENVELOPE	Max	5.39	0.	0.
2314	2314-19	~135	ENVELOPE	Max	5.39	0.	0.
2314	2314-19	~136	ENVELOPE	Max	5.39	0.	0.
2314	2314-19	~128	ENVELOPE	Max	5.39	0.	0.
2314	2314-19	~127	ENVELOPE	Min	-0.66	0.	0.
2314	2314-19	~135	ENVELOPE	Min	-0.66	0.	0.
2314	2314-19	~136	ENVELOPE	Min	-0.66	0.	0.
2314	2314-19	~128	ENVELOPE	Min	-0.66	0.	0.
2314	2314-20	~128	ENVELOPE	Max	4.47	0.	0.
2314	2314-20	~136	ENVELOPE	Max	4.47	0.	0.
2314	2314-20	~137	ENVELOPE	Max	4.47	0.	0.
2314	2314-20	~129	ENVELOPE	Max	4.47	0.	0.
2314	2314-20	~128	ENVELOPE	Min	-5.28	0.	0.
2314	2314-20	~136	ENVELOPE	Min	-5.28	0.	0.
2314	2314-20	~137	ENVELOPE	Min	-5.28	0.	0.
2314	2314-20	~129	ENVELOPE	Min	-5.28	0.	0.
2314	2314-21	~129	ENVELOPE	Max	3.26	0.	0.
2314	2314-21	~137	ENVELOPE	Max	3.26	0.	0.
2314	2314-21	~138	ENVELOPE	Max	3.26	0.	0.
2314	2314-21	~130	ENVELOPE	Max	3.26	0.	0.
2314	2314-21	~129	ENVELOPE	Min	-5.65	0.	0.
2314	2314-21	~137	ENVELOPE	Min	-5.65	0.	0.
2314	2314-21	~138	ENVELOPE	Min	-5.65	0.	0.
2314	2314-21	~130	ENVELOPE	Min	-5.65	0.	0.

Table: Element Forces - Area Shells, Part 5 of 5

Area	AreaElem	Joint	OutputCase	StepType	V23 KN/m	VMax KN/m	VAngle Degrees
2314	2314-22	~130	ENVELOPE	Max	2.44	0.	0.
2314	2314-22	~138	ENVELOPE	Max	2.44	0.	0.
2314	2314-22	~139	ENVELOPE	Max	2.44	0.	0.
2314	2314-22	~131	ENVELOPE	Max	2.44	0.	0.
2314	2314-22	~130	ENVELOPE	Min	-4.83	0.	0.
2314	2314-22	~138	ENVELOPE	Min	-4.83	0.	0.
2314	2314-22	~139	ENVELOPE	Min	-4.83	0.	0.
2314	2314-22	~131	ENVELOPE	Min	-4.83	0.	0.
2314	2314-23	~131	ENVELOPE	Max	1.78	0.	0.
2314	2314-23	~139	ENVELOPE	Max	1.78	0.	0.
2314	2314-23	~140	ENVELOPE	Max	1.78	0.	0.
2314	2314-23	~132	ENVELOPE	Max	1.78	0.	0.
2314	2314-23	~131	ENVELOPE	Min	-3.67	0.	0.
2314	2314-23	~139	ENVELOPE	Min	-3.67	0.	0.
2314	2314-23	~140	ENVELOPE	Min	-3.67	0.	0.
2314	2314-23	~132	ENVELOPE	Min	-3.67	0.	0.
2314	2314-24	~132	ENVELOPE	Max	0.35	0.	0.
2314	2314-24	~140	ENVELOPE	Max	0.35	0.	0.
2314	2314-24	~141	ENVELOPE	Max	0.35	0.	0.
2314	2314-24	~133	ENVELOPE	Max	0.35	0.	0.
2314	2314-24	~132	ENVELOPE	Min	-1.39	0.	0.
2314	2314-24	~140	ENVELOPE	Min	-1.39	0.	0.
2314	2314-24	~141	ENVELOPE	Min	-1.39	0.	0.
2314	2314-24	~133	ENVELOPE	Min	-1.39	0.	0.
2314	2314-25	~7	ENVELOPE	Max	50.34	0.	0.
2314	2314-25	~9	ENVELOPE	Max	28.76	0.	0.
2314	2314-25	~142	ENVELOPE	Max	28.76	0.	0.
2314	2314-25	~134	ENVELOPE	Max	50.34	0.	0.
2314	2314-25	~7	ENVELOPE	Min	-2.81	0.	0.
2314	2314-25	~9	ENVELOPE	Min	-1.38	0.	0.
2314	2314-25	~142	ENVELOPE	Min	-1.38	0.	0.
2314	2314-25	~134	ENVELOPE	Min	-2.81	0.	0.
2314	2314-26	~134	ENVELOPE	Max	12.88	0.	0.
2314	2314-26	~142	ENVELOPE	Max	6.02	0.	0.
2314	2314-26	~143	ENVELOPE	Max	6.02	0.	0.
2314	2314-26	~135	ENVELOPE	Max	12.88	0.	0.
2314	2314-26	~134	ENVELOPE	Min	4.55	0.	0.
2314	2314-26	~142	ENVELOPE	Min	4.33	0.	0.
2314	2314-26	~143	ENVELOPE	Min	4.33	0.	0.
2314	2314-26	~135	ENVELOPE	Min	4.55	0.	0.
2314	2314-27	~135	ENVELOPE	Max	5.69	0.	0.
2314	2314-27	~143	ENVELOPE	Max	3.72	0.	0.
2314	2314-27	~144	ENVELOPE	Max	3.72	0.	0.
2314	2314-27	~136	ENVELOPE	Max	5.69	0.	0.
2314	2314-27	~135	ENVELOPE	Min	-1.74	0.	0.
2314	2314-27	~143	ENVELOPE	Min	-2.09	0.	0.
2314	2314-27	~144	ENVELOPE	Min	-2.09	0.	0.
2314	2314-27	~136	ENVELOPE	Min	-1.74	0.	0.
2314	2314-28	~136	ENVELOPE	Max	4.18	0.	0.
2314	2314-28	~144	ENVELOPE	Max	2.07	0.	0.
2314	2314-28	~145	ENVELOPE	Max	2.07	0.	0.
2314	2314-28	~137	ENVELOPE	Max	4.18	0.	0.
2314	2314-28	~136	ENVELOPE	Min	-5.42	0.	0.
2314	2314-28	~144	ENVELOPE	Min	-3.23	0.	0.
2314	2314-28	~145	ENVELOPE	Min	-3.23	0.	0.

Table: Element Forces - Area Shells, Part 5 of 5

Area	AreaElem	Joint	OutputCase	StepType	V23	VMax	VAngle
					KN/m	KN/m	Degrees
2314	2314-28	~137	ENVELOPE	Min	-5.42	0.	0.
2314	2314-29	~137	ENVELOPE	Max	2.69	0.	0.
2314	2314-29	~145	ENVELOPE	Max	1.25	0.	0.
2314	2314-29	~146	ENVELOPE	Max	1.25	0.	0.
2314	2314-29	~138	ENVELOPE	Max	2.69	0.	0.
2314	2314-29	~137	ENVELOPE	Min	-5.14	0.	0.
2314	2314-29	~145	ENVELOPE	Min	-2.76	0.	0.
2314	2314-29	~146	ENVELOPE	Min	-2.76	0.	0.
2314	2314-29	~138	ENVELOPE	Min	-5.14	0.	0.
2314	2314-30	~138	ENVELOPE	Max	1.85	0.	0.
2314	2314-30	~146	ENVELOPE	Max	0.78	0.	0.
2314	2314-30	~147	ENVELOPE	Max	0.78	0.	0.
2314	2314-30	~139	ENVELOPE	Max	1.85	0.	0.
2314	2314-30	~138	ENVELOPE	Min	-4.04	0.	0.
2314	2314-30	~146	ENVELOPE	Min	-2.01	0.	0.
2314	2314-30	~147	ENVELOPE	Min	-2.01	0.	0.
2314	2314-30	~139	ENVELOPE	Min	-4.04	0.	0.
2314	2314-31	~139	ENVELOPE	Max	1.35	0.	0.
2314	2314-31	~147	ENVELOPE	Max	0.34	0.	0.
2314	2314-31	~148	ENVELOPE	Max	0.34	0.	0.
2314	2314-31	~140	ENVELOPE	Max	1.35	0.	0.
2314	2314-31	~139	ENVELOPE	Min	-3.03	0.	0.
2314	2314-31	~147	ENVELOPE	Min	-0.89	0.	0.
2314	2314-31	~148	ENVELOPE	Min	-0.89	0.	0.
2314	2314-31	~140	ENVELOPE	Min	-3.03	0.	0.
2314	2314-32	~140	ENVELOPE	Max	0.19	0.	0.
2314	2314-32	~148	ENVELOPE	Max	0.24	0.	0.
2314	2314-32	~149	ENVELOPE	Max	0.24	0.	0.
2314	2314-32	~141	ENVELOPE	Max	0.19	0.	0.
2314	2314-32	~140	ENVELOPE	Min	-1.25	0.	0.
2314	2314-32	~148	ENVELOPE	Min	-7.519E-02	0.	0.
2314	2314-32	~149	ENVELOPE	Min	-7.519E-02	0.	0.
2314	2314-32	~141	ENVELOPE	Min	-1.25	0.	0.
2314	2314-33	~9	ENVELOPE	Max	22.76	0.	0.
2314	2314-33	2043	ENVELOPE	Max	4.27	0.	0.
2314	2314-33	~150	ENVELOPE	Max	4.27	0.	0.
2314	2314-33	~142	ENVELOPE	Max	22.76	0.	0.
2314	2314-33	~9	ENVELOPE	Min	5.23	0.	0.
2314	2314-33	2043	ENVELOPE	Min	2.59	0.	0.
2314	2314-33	~150	ENVELOPE	Min	2.59	0.	0.
2314	2314-33	~142	ENVELOPE	Min	5.23	0.	0.
2314	2314-34	~142	ENVELOPE	Max	7.11	0.	0.
2314	2314-34	~150	ENVELOPE	Max	8.98	0.	0.
2314	2314-34	~151	ENVELOPE	Max	8.98	0.	0.
2314	2314-34	~143	ENVELOPE	Max	7.11	0.	0.
2314	2314-34	~142	ENVELOPE	Min	0.43	0.	0.
2314	2314-34	~150	ENVELOPE	Min	-7.06	0.	0.
2314	2314-34	~151	ENVELOPE	Min	-7.06	0.	0.
2314	2314-34	~143	ENVELOPE	Min	0.43	0.	0.
2314	2314-35	~143	ENVELOPE	Max	3.52	0.	0.
2314	2314-35	~151	ENVELOPE	Max	1.89	0.	0.
2314	2314-35	~152	ENVELOPE	Max	1.89	0.	0.
2314	2314-35	~144	ENVELOPE	Max	3.52	0.	0.
2314	2314-35	~143	ENVELOPE	Min	-4.55	0.	0.
2314	2314-35	~151	ENVELOPE	Min	-2.69	0.	0.

Table: Element Forces - Area Shells, Part 5 of 5

Area	AreaElem	Joint	OutputCase	StepType	V23 KN/m	VMax KN/m	VAngle Degrees
2314	2314-35	~152	ENVELOPE	Min	-2.69	0.	0.
2314	2314-35	~144	ENVELOPE	Min	-4.55	0.	0.
2314	2314-36	~144	ENVELOPE	Max	0.49	0.	0.
2314	2314-36	~152	ENVELOPE	Max	-7.435E-02	0.	0.
2314	2314-36	~153	ENVELOPE	Max	-7.435E-02	0.	0.
2314	2314-36	~145	ENVELOPE	Max	0.49	0.	0.
2314	2314-36	~144	ENVELOPE	Min	-2.49	0.	0.
2314	2314-36	~152	ENVELOPE	Min	-0.85	0.	0.
2314	2314-36	~153	ENVELOPE	Min	-0.85	0.	0.
2314	2314-36	~145	ENVELOPE	Min	-2.49	0.	0.
2314	2314-37	~145	ENVELOPE	Max	-0.43	0.	0.
2314	2314-37	~153	ENVELOPE	Max	2.22	0.	0.
2314	2314-37	~154	ENVELOPE	Max	2.22	0.	0.
2314	2314-37	~146	ENVELOPE	Max	-0.43	0.	0.
2314	2314-37	~145	ENVELOPE	Min	-0.75	0.	0.
2314	2314-37	~153	ENVELOPE	Min	-2.2	0.	0.
2314	2314-37	~154	ENVELOPE	Min	-2.2	0.	0.
2314	2314-37	~146	ENVELOPE	Min	-0.75	0.	0.
2314	2314-38	~146	ENVELOPE	Max	0.81	0.	0.
2314	2314-38	~154	ENVELOPE	Max	3.27	0.	0.
2314	2314-38	~155	ENVELOPE	Max	3.27	0.	0.
2314	2314-38	~147	ENVELOPE	Max	0.81	0.	0.
2314	2314-38	~146	ENVELOPE	Min	-1.15	0.	0.
2314	2314-38	~154	ENVELOPE	Min	-2.48	0.	0.
2314	2314-38	~155	ENVELOPE	Min	-2.48	0.	0.
2314	2314-38	~147	ENVELOPE	Min	-1.15	0.	0.
2314	2314-39	~147	ENVELOPE	Max	1.73	0.	0.
2314	2314-39	~155	ENVELOPE	Max	3.82	0.	0.
2314	2314-39	~156	ENVELOPE	Max	3.82	0.	0.
2314	2314-39	~148	ENVELOPE	Max	1.73	0.	0.
2314	2314-39	~147	ENVELOPE	Min	-1.31	0.	0.
2314	2314-39	~155	ENVELOPE	Min	-2.59	0.	0.
2314	2314-39	~156	ENVELOPE	Min	-2.59	0.	0.
2314	2314-39	~148	ENVELOPE	Min	-1.31	0.	0.
2314	2314-40	~148	ENVELOPE	Max	1.83	0.	0.
2314	2314-40	~156	ENVELOPE	Max	4.13	0.	0.
2314	2314-40	2	ENVELOPE	Max	4.13	0.	0.
2314	2314-40	~149	ENVELOPE	Max	1.83	0.	0.
2314	2314-40	~148	ENVELOPE	Min	-1.12	0.	0.
2314	2314-40	~156	ENVELOPE	Min	-1.73	0.	0.
2314	2314-40	2	ENVELOPE	Min	-1.73	0.	0.
2314	2314-40	~149	ENVELOPE	Min	-1.12	0.	0.
2414	2414-1	4	ENVELOPE	Max	4.13	0.	0.
2414	2414-1	~157	ENVELOPE	Max	1.83	0.	0.
2414	2414-1	~158	ENVELOPE	Max	1.83	0.	0.
2414	2414-1	~111	ENVELOPE	Max	4.13	0.	0.
2414	2414-1	4	ENVELOPE	Min	-1.73	0.	0.
2414	2414-1	~157	ENVELOPE	Min	-1.12	0.	0.
2414	2414-1	~158	ENVELOPE	Min	-1.12	0.	0.
2414	2414-1	~111	ENVELOPE	Min	-1.73	0.	0.
2414	2414-2	~111	ENVELOPE	Max	3.82	0.	0.
2414	2414-2	~158	ENVELOPE	Max	1.73	0.	0.
2414	2414-2	~159	ENVELOPE	Max	1.73	0.	0.
2414	2414-2	~112	ENVELOPE	Max	3.82	0.	0.
2414	2414-2	~111	ENVELOPE	Min	-2.59	0.	0.

Table: Element Forces - Area Shells, Part 5 of 5

Area	AreaElem	Joint	OutputCase	StepType	V23	VMax	VAngle
					KN/m	KN/m	Degrees
2414	2414-2	~158	ENVELOPE	Min	-1.31	0.	0.
2414	2414-2	~159	ENVELOPE	Min	-1.31	0.	0.
2414	2414-2	~112	ENVELOPE	Min	-2.59	0.	0.
2414	2414-3	~112	ENVELOPE	Max	3.27	0.	0.
2414	2414-3	~159	ENVELOPE	Max	0.81	0.	0.
2414	2414-3	~160	ENVELOPE	Max	0.81	0.	0.
2414	2414-3	~113	ENVELOPE	Max	3.27	0.	0.
2414	2414-3	~112	ENVELOPE	Min	-2.48	0.	0.
2414	2414-3	~159	ENVELOPE	Min	-1.15	0.	0.
2414	2414-3	~160	ENVELOPE	Min	-1.15	0.	0.
2414	2414-3	~113	ENVELOPE	Min	-2.48	0.	0.
2414	2414-4	~113	ENVELOPE	Max	2.22	0.	0.
2414	2414-4	~160	ENVELOPE	Max	-0.43	0.	0.
2414	2414-4	~161	ENVELOPE	Max	-0.43	0.	0.
2414	2414-4	~114	ENVELOPE	Max	2.22	0.	0.
2414	2414-4	~113	ENVELOPE	Min	-2.2	0.	0.
2414	2414-4	~160	ENVELOPE	Min	-0.75	0.	0.
2414	2414-4	~161	ENVELOPE	Min	-0.75	0.	0.
2414	2414-4	~114	ENVELOPE	Min	-2.2	0.	0.
2414	2414-5	~114	ENVELOPE	Max	-7.435E-02	0.	0.
2414	2414-5	~161	ENVELOPE	Max	0.49	0.	0.
2414	2414-5	~162	ENVELOPE	Max	0.49	0.	0.
2414	2414-5	~115	ENVELOPE	Max	-7.435E-02	0.	0.
2414	2414-5	~114	ENVELOPE	Min	-0.85	0.	0.
2414	2414-5	~161	ENVELOPE	Min	-2.49	0.	0.
2414	2414-5	~162	ENVELOPE	Min	-2.49	0.	0.
2414	2414-5	~115	ENVELOPE	Min	-0.85	0.	0.
2414	2414-6	~115	ENVELOPE	Max	1.89	0.	0.
2414	2414-6	~162	ENVELOPE	Max	3.52	0.	0.
2414	2414-6	~163	ENVELOPE	Max	3.52	0.	0.
2414	2414-6	~116	ENVELOPE	Max	1.89	0.	0.
2414	2414-6	~115	ENVELOPE	Min	-2.69	0.	0.
2414	2414-6	~162	ENVELOPE	Min	-4.55	0.	0.
2414	2414-6	~163	ENVELOPE	Min	-4.55	0.	0.
2414	2414-6	~116	ENVELOPE	Min	-2.69	0.	0.
2414	2414-7	~116	ENVELOPE	Max	8.98	0.	0.
2414	2414-7	~163	ENVELOPE	Max	7.11	0.	0.
2414	2414-7	~164	ENVELOPE	Max	7.11	0.	0.
2414	2414-7	~117	ENVELOPE	Max	8.98	0.	0.
2414	2414-7	~116	ENVELOPE	Min	-7.06	0.	0.
2414	2414-7	~163	ENVELOPE	Min	0.43	0.	0.
2414	2414-7	~164	ENVELOPE	Min	0.43	0.	0.
2414	2414-7	~117	ENVELOPE	Min	-7.06	0.	0.
2414	2414-8	~117	ENVELOPE	Max	4.27	0.	0.
2414	2414-8	~164	ENVELOPE	Max	22.76	0.	0.
2414	2414-8	~28	ENVELOPE	Max	22.76	0.	0.
2414	2414-8	2044	ENVELOPE	Max	4.27	0.	0.
2414	2414-8	~117	ENVELOPE	Min	2.59	0.	0.
2414	2414-8	~164	ENVELOPE	Min	5.23	0.	0.
2414	2414-8	~28	ENVELOPE	Min	5.23	0.	0.
2414	2414-8	2044	ENVELOPE	Min	2.59	0.	0.
2414	2414-9	~157	ENVELOPE	Max	0.24	0.	0.
2414	2414-9	~165	ENVELOPE	Max	0.19	0.	0.
2414	2414-9	~166	ENVELOPE	Max	0.19	0.	0.
2414	2414-9	~158	ENVELOPE	Max	0.24	0.	0.

Table: Element Forces - Area Shells, Part 5 of 5

Area	AreaElem	Joint	OutputCase	StepType	V23 KN/m	VMax KN/m	VAngle Degrees
2414	2414-9	~157	ENVELOPE	Min	-7.519E-02	0.	0.
2414	2414-9	~165	ENVELOPE	Min	-1.25	0.	0.
2414	2414-9	~166	ENVELOPE	Min	-1.25	0.	0.
2414	2414-9	~158	ENVELOPE	Min	-7.519E-02	0.	0.
2414	2414-10	~158	ENVELOPE	Max	0.34	0.	0.
2414	2414-10	~166	ENVELOPE	Max	1.35	0.	0.
2414	2414-10	~167	ENVELOPE	Max	1.35	0.	0.
2414	2414-10	~159	ENVELOPE	Max	0.34	0.	0.
2414	2414-10	~158	ENVELOPE	Min	-0.89	0.	0.
2414	2414-10	~166	ENVELOPE	Min	-3.03	0.	0.
2414	2414-10	~167	ENVELOPE	Min	-3.03	0.	0.
2414	2414-10	~159	ENVELOPE	Min	-0.89	0.	0.
2414	2414-11	~159	ENVELOPE	Max	0.78	0.	0.
2414	2414-11	~167	ENVELOPE	Max	1.85	0.	0.
2414	2414-11	~168	ENVELOPE	Max	1.85	0.	0.
2414	2414-11	~160	ENVELOPE	Max	0.78	0.	0.
2414	2414-11	~159	ENVELOPE	Min	-2.01	0.	0.
2414	2414-11	~167	ENVELOPE	Min	-4.04	0.	0.
2414	2414-11	~168	ENVELOPE	Min	-4.04	0.	0.
2414	2414-11	~160	ENVELOPE	Min	-2.01	0.	0.
2414	2414-12	~160	ENVELOPE	Max	1.25	0.	0.
2414	2414-12	~168	ENVELOPE	Max	2.69	0.	0.
2414	2414-12	~169	ENVELOPE	Max	2.69	0.	0.
2414	2414-12	~161	ENVELOPE	Max	1.25	0.	0.
2414	2414-12	~160	ENVELOPE	Min	-2.76	0.	0.
2414	2414-12	~168	ENVELOPE	Min	-5.14	0.	0.
2414	2414-12	~169	ENVELOPE	Min	-5.14	0.	0.
2414	2414-12	~161	ENVELOPE	Min	-2.76	0.	0.
2414	2414-13	~161	ENVELOPE	Max	2.07	0.	0.
2414	2414-13	~169	ENVELOPE	Max	4.18	0.	0.
2414	2414-13	~170	ENVELOPE	Max	4.18	0.	0.
2414	2414-13	~162	ENVELOPE	Max	2.07	0.	0.
2414	2414-13	~161	ENVELOPE	Min	-3.23	0.	0.
2414	2414-13	~169	ENVELOPE	Min	-5.42	0.	0.
2414	2414-13	~170	ENVELOPE	Min	-5.42	0.	0.
2414	2414-13	~162	ENVELOPE	Min	-3.23	0.	0.
2414	2414-14	~162	ENVELOPE	Max	3.72	0.	0.
2414	2414-14	~170	ENVELOPE	Max	5.69	0.	0.
2414	2414-14	~171	ENVELOPE	Max	5.69	0.	0.
2414	2414-14	~163	ENVELOPE	Max	3.72	0.	0.
2414	2414-14	~162	ENVELOPE	Min	-2.09	0.	0.
2414	2414-14	~170	ENVELOPE	Min	-1.74	0.	0.
2414	2414-14	~171	ENVELOPE	Min	-1.74	0.	0.
2414	2414-14	~163	ENVELOPE	Min	-2.09	0.	0.
2414	2414-15	~163	ENVELOPE	Max	6.02	0.	0.
2414	2414-15	~171	ENVELOPE	Max	12.88	0.	0.
2414	2414-15	~172	ENVELOPE	Max	12.88	0.	0.
2414	2414-15	~164	ENVELOPE	Max	6.02	0.	0.
2414	2414-15	~163	ENVELOPE	Min	4.33	0.	0.
2414	2414-15	~171	ENVELOPE	Min	4.55	0.	0.
2414	2414-15	~172	ENVELOPE	Min	4.55	0.	0.
2414	2414-15	~164	ENVELOPE	Min	4.33	0.	0.
2414	2414-16	~164	ENVELOPE	Max	28.76	0.	0.
2414	2414-16	~172	ENVELOPE	Max	50.34	0.	0.
2414	2414-16	~22	ENVELOPE	Max	50.34	0.	0.

Table: Element Forces - Area Shells, Part 5 of 5

Area	AreaElem	Joint	OutputCase	StepType	V23	VMax	VAngle
					KN/m	KN/m	Degrees
2414	2414-16	~28	ENVELOPE	Max	28.76	0.	0.
2414	2414-16	~164	ENVELOPE	Min	-1.38	0.	0.
2414	2414-16	~172	ENVELOPE	Min	-2.81	0.	0.
2414	2414-16	~22	ENVELOPE	Min	-2.81	0.	0.
2414	2414-16	~28	ENVELOPE	Min	-1.38	0.	0.
2414	2414-17	~165	ENVELOPE	Max	0.35	0.	0.
2414	2414-17	~173	ENVELOPE	Max	0.35	0.	0.
2414	2414-17	~174	ENVELOPE	Max	0.35	0.	0.
2414	2414-17	~166	ENVELOPE	Max	0.35	0.	0.
2414	2414-17	~165	ENVELOPE	Min	-1.39	0.	0.
2414	2414-17	~173	ENVELOPE	Min	-1.39	0.	0.
2414	2414-17	~174	ENVELOPE	Min	-1.39	0.	0.
2414	2414-17	~166	ENVELOPE	Min	-1.39	0.	0.
2414	2414-18	~166	ENVELOPE	Max	1.78	0.	0.
2414	2414-18	~174	ENVELOPE	Max	1.78	0.	0.
2414	2414-18	~175	ENVELOPE	Max	1.78	0.	0.
2414	2414-18	~167	ENVELOPE	Max	1.78	0.	0.
2414	2414-18	~166	ENVELOPE	Min	-3.67	0.	0.
2414	2414-18	~174	ENVELOPE	Min	-3.67	0.	0.
2414	2414-18	~175	ENVELOPE	Min	-3.67	0.	0.
2414	2414-18	~167	ENVELOPE	Min	-3.67	0.	0.
2414	2414-19	~167	ENVELOPE	Max	2.44	0.	0.
2414	2414-19	~175	ENVELOPE	Max	2.44	0.	0.
2414	2414-19	~176	ENVELOPE	Max	2.44	0.	0.
2414	2414-19	~168	ENVELOPE	Max	2.44	0.	0.
2414	2414-19	~167	ENVELOPE	Min	-4.83	0.	0.
2414	2414-19	~175	ENVELOPE	Min	-4.83	0.	0.
2414	2414-19	~176	ENVELOPE	Min	-4.83	0.	0.
2414	2414-19	~168	ENVELOPE	Min	-4.83	0.	0.
2414	2414-20	~168	ENVELOPE	Max	3.26	0.	0.
2414	2414-20	~176	ENVELOPE	Max	3.26	0.	0.
2414	2414-20	~177	ENVELOPE	Max	3.26	0.	0.
2414	2414-20	~169	ENVELOPE	Max	3.26	0.	0.
2414	2414-20	~168	ENVELOPE	Min	-5.65	0.	0.
2414	2414-20	~176	ENVELOPE	Min	-5.65	0.	0.
2414	2414-20	~177	ENVELOPE	Min	-5.65	0.	0.
2414	2414-20	~169	ENVELOPE	Min	-5.65	0.	0.
2414	2414-21	~169	ENVELOPE	Max	4.47	0.	0.
2414	2414-21	~177	ENVELOPE	Max	4.47	0.	0.
2414	2414-21	~178	ENVELOPE	Max	4.47	0.	0.
2414	2414-21	~170	ENVELOPE	Max	4.47	0.	0.
2414	2414-21	~169	ENVELOPE	Min	-5.28	0.	0.
2414	2414-21	~177	ENVELOPE	Min	-5.28	0.	0.
2414	2414-21	~178	ENVELOPE	Min	-5.28	0.	0.
2414	2414-21	~170	ENVELOPE	Min	-5.28	0.	0.
2414	2414-22	~170	ENVELOPE	Max	5.39	0.	0.
2414	2414-22	~178	ENVELOPE	Max	5.39	0.	0.
2414	2414-22	~179	ENVELOPE	Max	5.39	0.	0.
2414	2414-22	~171	ENVELOPE	Max	5.39	0.	0.
2414	2414-22	~170	ENVELOPE	Min	-0.66	0.	0.
2414	2414-22	~178	ENVELOPE	Min	-0.66	0.	0.
2414	2414-22	~179	ENVELOPE	Min	-0.66	0.	0.
2414	2414-22	~171	ENVELOPE	Min	-0.66	0.	0.
2414	2414-23	~171	ENVELOPE	Max	14.45	0.	0.
2414	2414-23	~179	ENVELOPE	Max	14.45	0.	0.

Table: Element Forces - Area Shells, Part 5 of 5

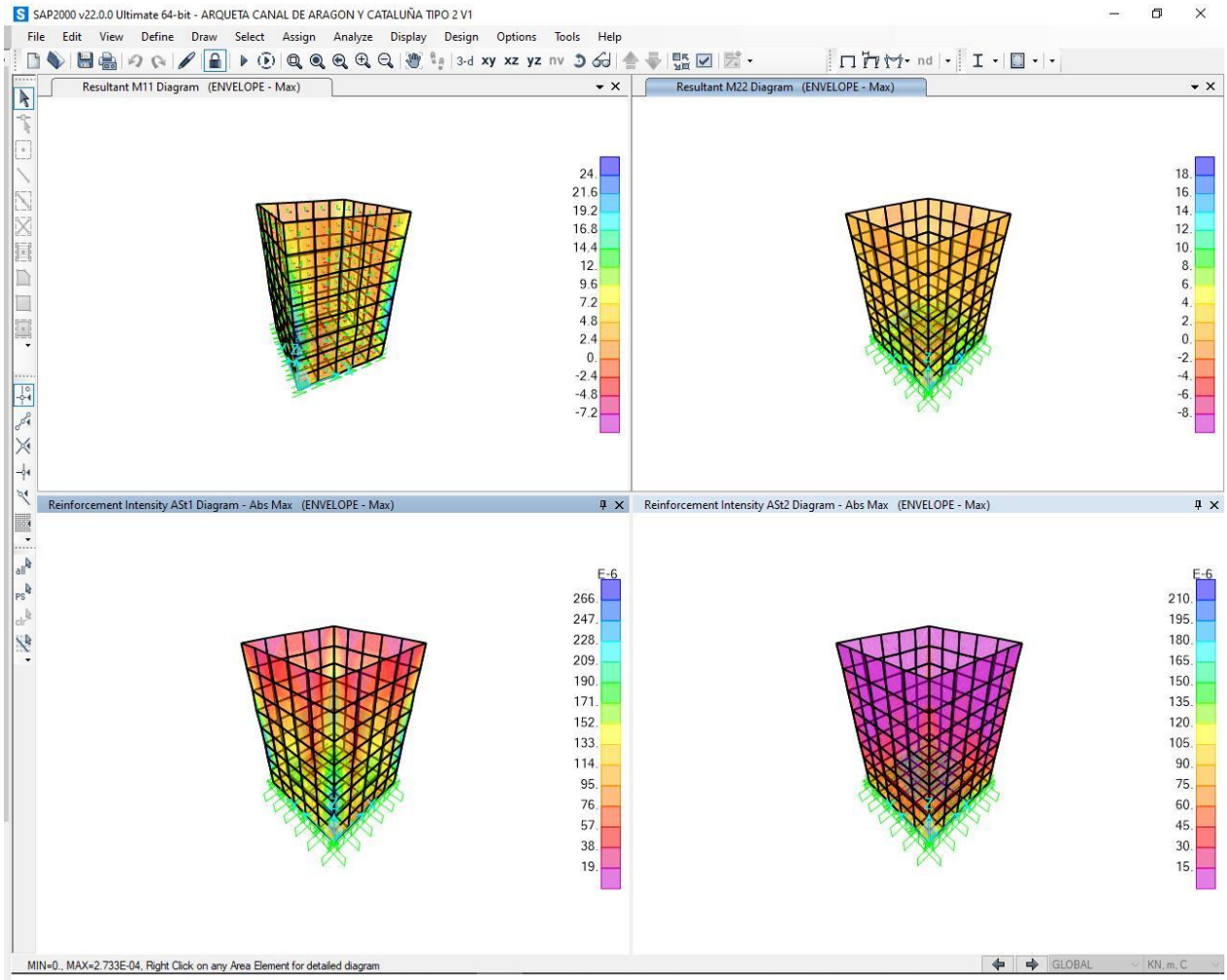
Area	AreaElem	Joint	OutputCase	StepType	V23 KN/m	VMax KN/m	VAngle Degrees
2414	2414-23	~180	ENVELOPE	Max	14.45	0.	0.
2414	2414-23	~172	ENVELOPE	Max	14.45	0.	0.
2414	2414-23	~171	ENVELOPE	Min	3.66	0.	0.
2414	2414-23	~179	ENVELOPE	Min	3.66	0.	0.
2414	2414-23	~180	ENVELOPE	Min	3.66	0.	0.
2414	2414-23	~172	ENVELOPE	Min	3.66	0.	0.
2414	2414-24	~172	ENVELOPE	Max	52.39	0.	0.
2414	2414-24	~180	ENVELOPE	Max	52.39	0.	0.
2414	2414-24	~16	ENVELOPE	Max	52.39	0.	0.
2414	2414-24	~22	ENVELOPE	Max	52.39	0.	0.
2414	2414-24	~172	ENVELOPE	Min	-4.37	0.	0.
2414	2414-24	~180	ENVELOPE	Min	-4.37	0.	0.
2414	2414-24	~16	ENVELOPE	Min	-4.37	0.	0.
2414	2414-24	~22	ENVELOPE	Min	-4.37	0.	0.
2414	2414-25	~173	ENVELOPE	Max	0.19	0.	0.
2414	2414-25	~181	ENVELOPE	Max	0.24	0.	0.
2414	2414-25	~182	ENVELOPE	Max	0.24	0.	0.
2414	2414-25	~174	ENVELOPE	Max	0.19	0.	0.
2414	2414-25	~173	ENVELOPE	Min	-1.25	0.	0.
2414	2414-25	~181	ENVELOPE	Min	-7.519E-02	0.	0.
2414	2414-25	~182	ENVELOPE	Min	-7.519E-02	0.	0.
2414	2414-25	~174	ENVELOPE	Min	-1.25	0.	0.
2414	2414-26	~174	ENVELOPE	Max	1.35	0.	0.
2414	2414-26	~182	ENVELOPE	Max	0.34	0.	0.
2414	2414-26	~183	ENVELOPE	Max	0.34	0.	0.
2414	2414-26	~175	ENVELOPE	Max	1.35	0.	0.
2414	2414-26	~174	ENVELOPE	Min	-3.03	0.	0.
2414	2414-26	~182	ENVELOPE	Min	-0.89	0.	0.
2414	2414-26	~183	ENVELOPE	Min	-0.89	0.	0.
2414	2414-26	~175	ENVELOPE	Min	-3.03	0.	0.
2414	2414-27	~175	ENVELOPE	Max	1.85	0.	0.
2414	2414-27	~183	ENVELOPE	Max	0.78	0.	0.
2414	2414-27	~184	ENVELOPE	Max	0.78	0.	0.
2414	2414-27	~176	ENVELOPE	Max	1.85	0.	0.
2414	2414-27	~175	ENVELOPE	Min	-4.04	0.	0.
2414	2414-27	~183	ENVELOPE	Min	-2.01	0.	0.
2414	2414-27	~184	ENVELOPE	Min	-2.01	0.	0.
2414	2414-27	~176	ENVELOPE	Min	-4.04	0.	0.
2414	2414-28	~176	ENVELOPE	Max	2.69	0.	0.
2414	2414-28	~184	ENVELOPE	Max	1.25	0.	0.
2414	2414-28	~185	ENVELOPE	Max	1.25	0.	0.
2414	2414-28	~177	ENVELOPE	Max	2.69	0.	0.
2414	2414-28	~176	ENVELOPE	Min	-5.14	0.	0.
2414	2414-28	~184	ENVELOPE	Min	-2.76	0.	0.
2414	2414-28	~185	ENVELOPE	Min	-2.76	0.	0.
2414	2414-28	~177	ENVELOPE	Min	-5.14	0.	0.
2414	2414-29	~177	ENVELOPE	Max	4.18	0.	0.
2414	2414-29	~185	ENVELOPE	Max	2.07	0.	0.
2414	2414-29	~186	ENVELOPE	Max	2.07	0.	0.
2414	2414-29	~178	ENVELOPE	Max	4.18	0.	0.
2414	2414-29	~177	ENVELOPE	Min	-5.42	0.	0.
2414	2414-29	~185	ENVELOPE	Min	-3.23	0.	0.
2414	2414-29	~186	ENVELOPE	Min	-3.23	0.	0.
2414	2414-29	~178	ENVELOPE	Min	-5.42	0.	0.
2414	2414-30	~178	ENVELOPE	Max	5.69	0.	0.

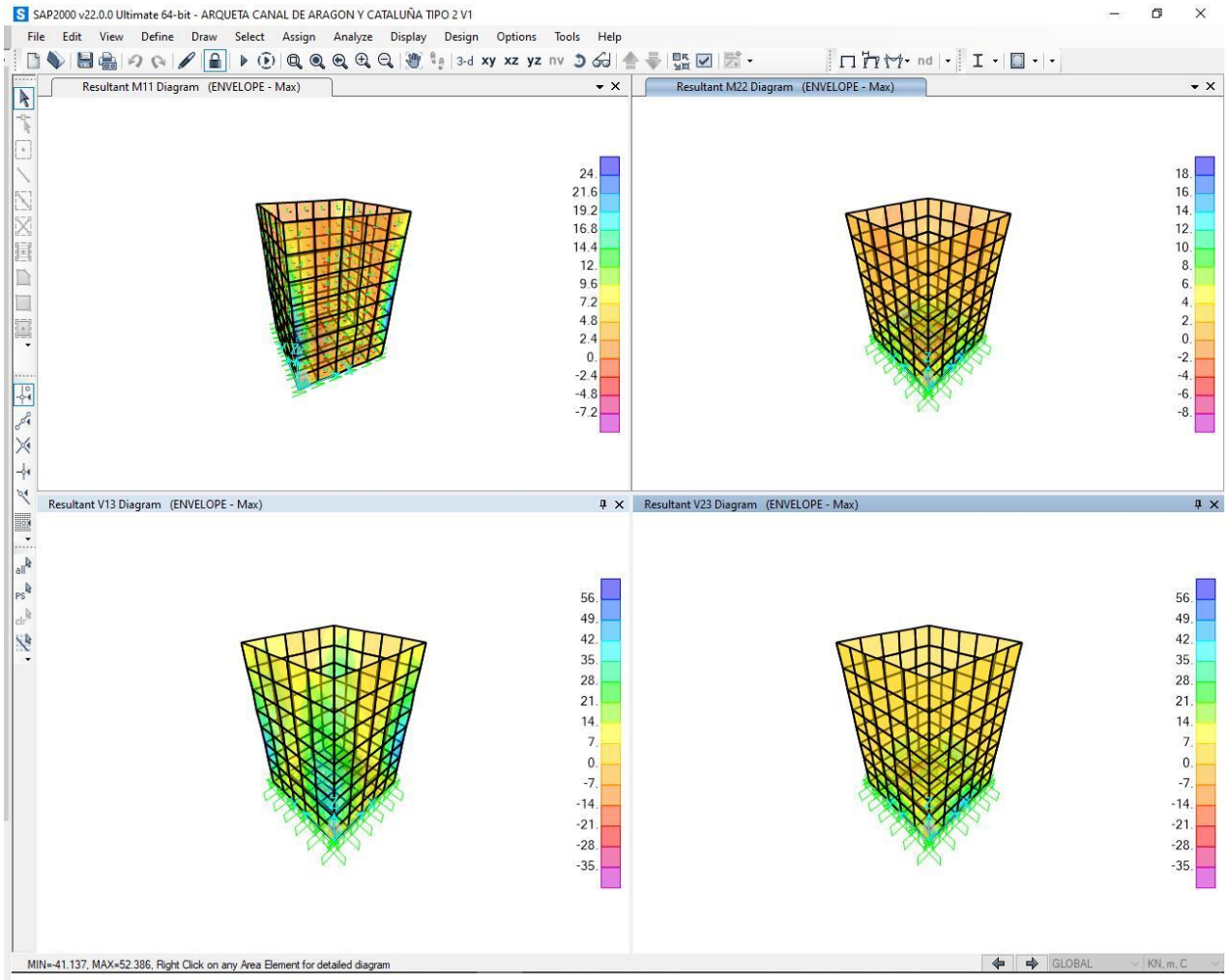
Table: Element Forces - Area Shells, Part 5 of 5

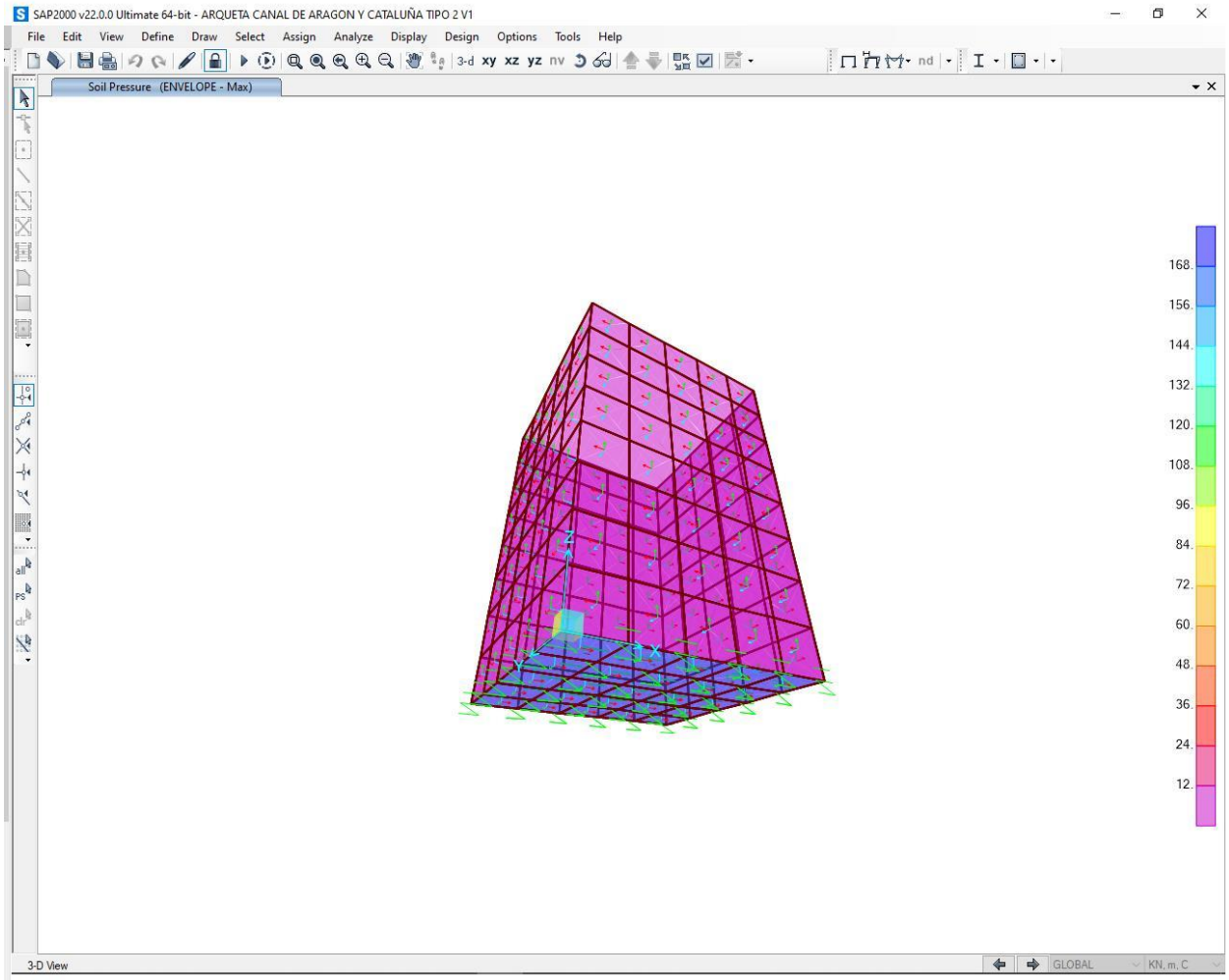
Area	AreaElem	Joint	OutputCase	StepType	V23	VMax	VAngle
					KN/m	KN/m	Degrees
2414	2414-30	~186	ENVELOPE	Max	3.72	0.	0.
2414	2414-30	~187	ENVELOPE	Max	3.72	0.	0.
2414	2414-30	~179	ENVELOPE	Max	5.69	0.	0.
2414	2414-30	~178	ENVELOPE	Min	-1.74	0.	0.
2414	2414-30	~186	ENVELOPE	Min	-2.09	0.	0.
2414	2414-30	~187	ENVELOPE	Min	-2.09	0.	0.
2414	2414-30	~179	ENVELOPE	Min	-1.74	0.	0.
2414	2414-31	~179	ENVELOPE	Max	12.88	0.	0.
2414	2414-31	~187	ENVELOPE	Max	6.02	0.	0.
2414	2414-31	~188	ENVELOPE	Max	6.02	0.	0.
2414	2414-31	~180	ENVELOPE	Max	12.88	0.	0.
2414	2414-31	~179	ENVELOPE	Min	4.55	0.	0.
2414	2414-31	~187	ENVELOPE	Min	4.33	0.	0.
2414	2414-31	~188	ENVELOPE	Min	4.33	0.	0.
2414	2414-31	~180	ENVELOPE	Min	4.55	0.	0.
2414	2414-32	~180	ENVELOPE	Max	50.34	0.	0.
2414	2414-32	~188	ENVELOPE	Max	28.76	0.	0.
2414	2414-32	~10	ENVELOPE	Max	28.76	0.	0.
2414	2414-32	~16	ENVELOPE	Max	50.34	0.	0.
2414	2414-32	~180	ENVELOPE	Min	-2.81	0.	0.
2414	2414-32	~188	ENVELOPE	Min	-1.38	0.	0.
2414	2414-32	~10	ENVELOPE	Min	-1.38	0.	0.
2414	2414-32	~16	ENVELOPE	Min	-2.81	0.	0.
2414	2414-33	~181	ENVELOPE	Max	1.83	0.	0.
2414	2414-33	2	ENVELOPE	Max	4.13	0.	0.
2414	2414-33	~156	ENVELOPE	Max	4.13	0.	0.
2414	2414-33	~182	ENVELOPE	Max	1.83	0.	0.
2414	2414-33	~181	ENVELOPE	Min	-1.12	0.	0.
2414	2414-33	2	ENVELOPE	Min	-1.73	0.	0.
2414	2414-33	~156	ENVELOPE	Min	-1.73	0.	0.
2414	2414-33	~182	ENVELOPE	Min	-1.12	0.	0.
2414	2414-34	~182	ENVELOPE	Max	1.73	0.	0.
2414	2414-34	~156	ENVELOPE	Max	3.82	0.	0.
2414	2414-34	~155	ENVELOPE	Max	3.82	0.	0.
2414	2414-34	~183	ENVELOPE	Max	1.73	0.	0.
2414	2414-34	~182	ENVELOPE	Min	-1.31	0.	0.
2414	2414-34	~156	ENVELOPE	Min	-2.59	0.	0.
2414	2414-34	~155	ENVELOPE	Min	-2.59	0.	0.
2414	2414-34	~183	ENVELOPE	Min	-1.31	0.	0.
2414	2414-35	~183	ENVELOPE	Max	0.81	0.	0.
2414	2414-35	~155	ENVELOPE	Max	3.27	0.	0.
2414	2414-35	~154	ENVELOPE	Max	3.27	0.	0.
2414	2414-35	~184	ENVELOPE	Max	0.81	0.	0.
2414	2414-35	~183	ENVELOPE	Min	-1.15	0.	0.
2414	2414-35	~155	ENVELOPE	Min	-2.48	0.	0.
2414	2414-35	~154	ENVELOPE	Min	-2.48	0.	0.
2414	2414-35	~184	ENVELOPE	Min	-1.15	0.	0.
2414	2414-36	~184	ENVELOPE	Max	-0.43	0.	0.
2414	2414-36	~154	ENVELOPE	Max	2.22	0.	0.
2414	2414-36	~153	ENVELOPE	Max	2.22	0.	0.
2414	2414-36	~185	ENVELOPE	Max	-0.43	0.	0.
2414	2414-36	~184	ENVELOPE	Min	-0.75	0.	0.
2414	2414-36	~154	ENVELOPE	Min	-2.2	0.	0.
2414	2414-36	~153	ENVELOPE	Min	-2.2	0.	0.
2414	2414-36	~185	ENVELOPE	Min	-0.75	0.	0.

Table: Element Forces - Area Shells, Part 5 of 5

Area	AreaElem	Joint	OutputCase	StepType	V23 KN/m	VMax KN/m	VAngle Degrees
2414	2414-37	~185	ENVELOPE	Max	0.49	0.	0.
2414	2414-37	~153	ENVELOPE	Max	-7.435E-02	0.	0.
2414	2414-37	~152	ENVELOPE	Max	-7.435E-02	0.	0.
2414	2414-37	~186	ENVELOPE	Max	0.49	0.	0.
2414	2414-37	~185	ENVELOPE	Min	-2.49	0.	0.
2414	2414-37	~153	ENVELOPE	Min	-0.85	0.	0.
2414	2414-37	~152	ENVELOPE	Min	-0.85	0.	0.
2414	2414-37	~186	ENVELOPE	Min	-2.49	0.	0.
2414	2414-38	~186	ENVELOPE	Max	3.52	0.	0.
2414	2414-38	~152	ENVELOPE	Max	1.89	0.	0.
2414	2414-38	~151	ENVELOPE	Max	1.89	0.	0.
2414	2414-38	~187	ENVELOPE	Max	3.52	0.	0.
2414	2414-38	~186	ENVELOPE	Min	-4.55	0.	0.
2414	2414-38	~152	ENVELOPE	Min	-2.69	0.	0.
2414	2414-38	~151	ENVELOPE	Min	-2.69	0.	0.
2414	2414-38	~187	ENVELOPE	Min	-4.55	0.	0.
2414	2414-39	~187	ENVELOPE	Max	7.11	0.	0.
2414	2414-39	~151	ENVELOPE	Max	8.98	0.	0.
2414	2414-39	~150	ENVELOPE	Max	8.98	0.	0.
2414	2414-39	~188	ENVELOPE	Max	7.11	0.	0.
2414	2414-39	~187	ENVELOPE	Min	0.43	0.	0.
2414	2414-39	~151	ENVELOPE	Min	-7.06	0.	0.
2414	2414-39	~150	ENVELOPE	Min	-7.06	0.	0.
2414	2414-39	~188	ENVELOPE	Min	0.43	0.	0.
2414	2414-40	~188	ENVELOPE	Max	22.76	0.	0.
2414	2414-40	~150	ENVELOPE	Max	4.27	0.	0.
2414	2414-40	2043	ENVELOPE	Max	4.27	0.	0.
2414	2414-40	~10	ENVELOPE	Max	22.76	0.	0.
2414	2414-40	~188	ENVELOPE	Min	5.23	0.	0.
2414	2414-40	~150	ENVELOPE	Min	2.59	0.	0.
2414	2414-40	2043	ENVELOPE	Min	2.59	0.	0.
2414	2414-40	~10	ENVELOPE	Min	5.23	0.	0.


SAP2000 v22.0.0 Ultimate 64-bit - ARQUETA CANAL DE ARAGON Y CATALUÑA TIPO 2 V1
File Edit View Define Draw Select Assign Analyze Display Design Options Tools Help
Resultant M11 Diagram (ENVELOPE - Max)
24. 21.6 19.2 16.8 14.4 12. 9.6 7.2 4.8 2.4 0. -2.4 -4.8 -7.2
Resultant M22 Diagram (ENVELOPE - Max)
18. 16. 14. 12. 10. 8. 6. 4. 2. 0. -2. -4. -6. -8.
Reinforcement Intensity ASt1 Diagram - Abs Max (ENVELOPE - Max)
E-6
266. 247. 228. 209. 190. 171. 152. 133. 114. 95. 76. 57. 38. 19.
Reinforcement Intensity ASt2 Diagram - Abs Max (ENVELOPE - Max)
E-6
210. 195. 180. 165. 150. 135. 120. 105. 90. 75. 60. 45. 30. 15.
MIN=0., MAX=2.733E-04, Right Click on any Area Element for detailed diagram
GLOBAL
KN, m, C


SAP2000 v22.0.0 Ultimate 64-bit - ARQUETA CANAL DE ARAGON Y CATALUÑA TIPO 2 V1
File Edit View Define Draw Select Assign Analyze Display Design Options Tools Help
Resultant M11 Diagram (ENVELOPE - Max)
24. 21.6 19.2 16.8 14.4 12. 9.6 7.2 4.8 2.4 0. -2.4 -4.8 -7.2
Resultant M22 Diagram (ENVELOPE - Max)
18. 16. 14. 12. 10. 8. 6. 4. 2. 0. -2. -4. -6. -8.
Resultant V13 Diagram (ENVELOPE - Max)
56. 49. 42. 35. 28. 21. 14. 7. 0. -7. -14. -21. -28. -35.
Resultant V23 Diagram (ENVELOPE - Max)
56. 49. 42. 35. 28. 21. 14. 7. 0. -7. -14. -21. -28. -35.
MIN=-41.137, MAX=52.386, Right Click on any Area Element for detailed diagram
GLOBAL
KN, m, C


SAP2000 v22.0.0 Ultimate 64-bit - ARQUETA CANAL DE ARAGON Y CATALUÑA TIPO 2 V1
File Edit View Define Draw Select Assign Analyze Display Design Options Tools Help
Soil Pressure (ENVELOPE - Max)
168.
156.
144.
132.
120.
108.
96.
84.
72.
60.
48.
36.
24.
12.
3-D View
GLOBAL
KN, m, C

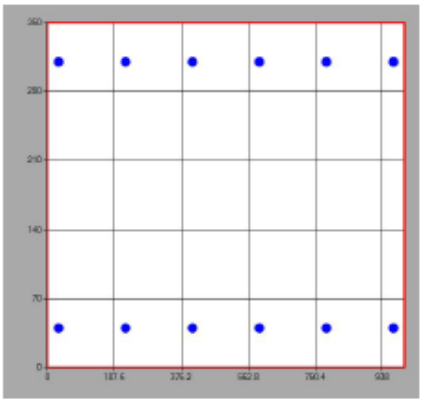
COMPROBACIÓN PRONTUARIO INFORMÁTICO MUROS ESPESOR 35 CM

Instituto Español del Cemento y sus Aplicaciones

PRONTUARIO INFORMÁTICO DEL HORMIGÓN ESTRUCTURAL
ADAPTADO AL CÓDIGO ESTRUCTURAL

Definición de la Sección - SECCIÓN_35

Tipología de sección	*Sección rectangular*	
	Sección bruta	
Ac	350000.00	Área en mm²
U	2700.00	Perímetro en mm
Ix	3.573E+009	Inerciax en mm
Iy	2.917E+010	Inerciay en mm
v	175.00	Distancia cdg-fibra superior en mm
v'	175.00	Distancia cdg-fibra inferior en mm
	Armado	
As	678.58	Área armadura tracción en mm²
d	310.00	Canto útil tracción en mm
As'	678.58	Área armadura comp. En mm²
d'	40.00	Canto útil compresión en mm
	Sección homogeneizada	
Ah	357965.27	Área en mm²
Ix	3.718E+009	Inerciax en mm
Iy	2.998E+010	Inerciay en mm
v	175.00	Distancia cdg-fibra superior en mm
v'	175.00	Distancia cdg-fibra inferior en mm
	Sección fisurada	
v	45	Distancia cdg-fibra superior en mm
Ix	3.10E+008	Inerciax en mm
Mfis	68.20	Momento de fisuración en KNm



Instituto Español del Cemento y sus Aplicaciones

PRONTUARIO INFORMÁTICO DEL HORMIGÓN ESTRUCTURAL

Estado Límite Último. Flexión Simple - SECCIÓN_35

MATERIALES

HORMIGÓN

fck	*35 MPa*
fcd	*23.333 MPa*
Ecm	*34077.14619918 93 MPa*

ACERO

Tipo Acero	*Acero A*
fyk	*500 MPa*
fyd	*435 MPa*

SECCIÓN

Usted está usando una	*Sección rectrangular*
Área	*0.35 m²*
Inercia en eje X	*0.00357 m*
Inercia en eje Y	*0.02917 m*

COMPROBACIÓN

Datos de diseño

Momento de diseño (kNm)	*25 kN·m*

Resultados

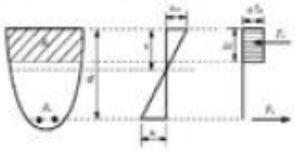
	Sección	
Mu	*94.51*	Momento resistido en kNm
x	*27*	Profundidad de la fibra neutra (mm)
1/r	*0.12963*	Curvatura última, en 1/m
sup	*0.00350*	Def. unitaria fibra sup.
inf	*0.03669*	Def. unitaria cdg armadura

Armadura de tracción				Armadura de compresión			
d (mm)	Area (mm²)	eps s	sigma s (MPa)	d (mm)	Area (mm²)	eps s	sigma s (MPa)
310.00	*678.58*	*0.03669*	*0.03669*				

Punto	M (kNm)	1/r (1/m)	x (mm)	sup	inf	csup (MPa)	st (MPa)	sc (MPa)
0	*0.00*	*0.00000*	*0*	*0.00000*	*0.00000*	*0.00*	*0.00*	*0.00*
Momento de diseño	*25.00*	*0.00020*	*175*	*-0.00003*	*0.00003*	*-0.80*	*5.34*	*-5.34*
1-Fisuración	*68.20*	*0.00054*	*175*	*-0.00009*	*0.00009*	*-2.15*	*14.58*	*-14.58*
1'-Sección fisurada	*68.20*	*0.00645*	*45*	*-0.00029*	*0.00197*	*-6.28*	*341.85*	*-6.45*
2-Plastifica acero	*84.99*	*0.00856*	*56*	*-0.00048*	*0.00252*	*-9.84*	*434.78*	*-27.39*
3-Plastifica hormigón	*92.28*	*0.07407*	*27*	*-0.00200*	*0.02392*	*-23.33*	*434.78*	*192.58*
4-Rompe hormigón	*94.51*	*0.12963*	*27*	*-0.00350*	*0.04187*	*-23.33*	*434.78*	*337.04*

Instituto Español del Cemento y sus Aplicaciones

EC 2 IECA PRONTUARIO INFORMÁTICO DEL HORMIGÓN ESTRUCTURAL



Estado Límite Último. Cortante - SECCIÓN_35

Datos

bw	*1000 mm*
N (comp. Positiva)	*0 kN*
Tipo de sección	*No pretensada*
Diámetro vainas	*0 mm*
Nº vainas de pretensado	*0 mm*
Theta	*26.5*
ctg(Theta)	*2.00*
As	*678.58 mm²*
d	*310.00 mm*
Area sección	*3500.00 cm²*

COMPROBACIÓN

Datos de diseño

Armadura de cortante	No
alfa	90
Asw	0mm²/m
Ved	kN

Resultados

Cortante resistido sin armadura (Vrd, c)	155.43kN
Cortante resistido con armadura (Vrd, s)	kN
Cortante que agota la biela (Vrd, max)	kN
Cortante resistido por el elemento (Vrd)	155.43kN

DIMENSIONAMIENTO

Datos de diseño

Ved	*kN*
alfa	*90*

Resultados

Asw necesaria =

	d6	d8	d10	d12
nº ramas				
s (mm)				
Asw (mm²/m)				
VRds (kN)				

CUBIERTA ARQUETA

DATOS DE OBRA

Hormigón: HA-35, Yc=1.5

Acero: B 500 S, Ys=1.15

Recubrimiento: 4.00 cm

Tamaño máximo del árido: 20.0 mm

Estados límite

E.L.U. de rotura. Hormigón	CTE Cota de nieve: Altitud inferior o igual a 1000 m

DESCRIPCIÓN DE LOSAS

Referencias	Geometría	Apoyos	Armado base X	Armado base Y
TIPO 2	Espesor: 0.25 m Luz libre X: 2.00 m Luz libre Y: 2.00 m	Izquierda: Apoyado Derecha: Apoyado Abajo: Apoyado Arriba: Apoyado	Armado base inferior: Ø12c/20 Armado base superior: Ø12c/20	Armado base inferior: Ø12c/20 Armado base superior: Ø12c/20
TIPO 2 SIMULACION HUECO	Espesor: 0.25 m Luz libre X: 1.20 m Luz libre Y: 2.00 m	Izquierda: Apoyado Derecha: Libre Abajo: Apoyado Arriba: Apoyado	Armado base inferior: Ø12c/20 Armado base superior: Ø12c/20	Armado base inferior: Ø12c/20 Armado base superior: Ø12c/20

Tabla de cargas

Referencias	Peso propio	Q 1
TIPO 2	Con peso propio	Carga uniforme: 10.00 kN/m² (1.00, 0.80): 10.00kN (1.00, 2.00): 10.00kN
TIPO 2 SIMULACION HUECO	Con peso propio	Carga uniforme: 15.00 kN/m² (0.80, 0.50): 10.00kN (0.80, 2.00): 10.00kN

COMPROBACIÓN

Se cumplen todas las comprobaciones

Referencia: TIPO 2		
Comprobación	Valores	Estado
Armadura inferior dirección X: *Armadura superior dirección Y*		
- Armadura superior dirección X:	Mínimo: 8 cm Calculado: 25 cm	Cumple
- Armadura inferior dirección Y:	Mínimo: 100 cm Calculado: 200 cm	Cumple

Referencia: TIPO 2		
Comprobación	Valores	Estado
Recubrimiento máximo compatible con ancho de apoyo existente: *Criterio de CYPE*	Máximo: 17.5 cm Calculado: 4 cm	Cumple
Separación máxima entre barras:	Máximo: 30 cm	
- Armadura inferior dirección X:	Calculado: 20 cm	Cumple
- Armadura superior dirección X:	Calculado: 20 cm	Cumple
- Armadura inferior dirección Y:	Calculado: 20 cm	Cumple
- Armadura superior dirección Y:	Calculado: 20 cm	Cumple
Separación mínima de armaduras:	Mínimo: 2.5 cm	
- Armadura inferior dirección X:	Calculado: 18.8 cm	Cumple
- Armadura superior dirección X:	Calculado: 18.8 cm	Cumple
- Armadura inferior dirección Y:	Calculado: 18.8 cm	Cumple
- Armadura superior dirección Y:	Calculado: 18.8 cm	Cumple
Armadura por mínimos geométricos:	Mínimo: 2.3 cm²/m	
- Armadura inferior dirección X:	Calculado: 5.7 cm²/m	Cumple
- Armadura superior dirección X:	Calculado: 5.7 cm²/m	Cumple
- Armadura inferior dirección Y:	Calculado: 5.7 cm²/m	Cumple
- Armadura superior dirección Y:	Calculado: 5.7 cm²/m	Cumple
Armadura por mínimos mecánicos:	Calculado: 5.7 cm²/m	
- Armadura inferior dirección X:	Mínimo: 5.4 cm²/m	Cumple
- Armadura superior dirección X:	Mínimo: 0 cm²/m	Cumple
- Armadura inferior dirección Y:	Mínimo: 5.4 cm²/m	Cumple
- Armadura superior dirección Y:	Mínimo: 0 cm²/m	Cumple
Armadura en dirección X: - Prolongación de la armadura de positivos: *Criterio de CYPE*	Mínimo: 2.9 cm²/m Calculado: 5.7 cm²/m	Cumple
Armadura en dirección Y: - Prolongación de la armadura de positivos: *Criterio de CYPE*	Mínimo: 2.9 cm²/m Calculado: 5.7 cm²/m	Cumple
Comprobación de cuantías por flexión con acciones estáticas:	Calculado: 5.7 cm²/m	
- Comprobación de la armadura de positivos dirección X:	Mínimo: 1.2 cm²/m	Cumple
- Comprobación de la armadura de negativos dirección X:	Mínimo: 0.7 cm²/m	Cumple
- Comprobación de la armadura de positivos dirección Y:	Mínimo: 1.3 cm²/m	Cumple
- Comprobación de la armadura de negativos dirección Y:	Mínimo: 0.8 cm²/m	Cumple

Referencia: TIPO 2		
Comprobación	Valores	Estado
Comprobación del cortante con acciones estáticas:	Máximo: 233.469 kN/m	
- Cortante en la dirección X:	Calculado: 41.2339 kN/m	Cumple
- Cortante en la dirección Y:	Calculado: 41.2339 kN/m	Cumple
Anclaje armado base con acciones estáticas:	Mínimo: 9 cm	
- Longitud patilla en armado base inferior inicial dirección X:	Calculado: 36 cm	Cumple
- Longitud patilla en armado base inferior final dirección X:	Calculado: 36 cm	Cumple
- Longitud patilla en armado base superior inicial dirección X:	Calculado: 15 cm	Cumple
- Longitud patilla en armado base superior final dirección X:	Calculado: 15 cm	Cumple
- Longitud patilla en armado base inferior inicial dirección Y:	Calculado: 29 cm	Cumple
- Longitud patilla en armado base inferior final dirección Y:	Calculado: 29 cm	Cumple
- Longitud patilla en armado base superior inicial dirección Y:	Calculado: 9 cm	Cumple
- Longitud patilla en armado base superior final dirección Y:	Calculado: 9 cm	Cumple
Se cumplen todas las comprobaciones		

Referencia: TIPO 2 SIMULACION HUECO		
Comprobación	Valores	Estado
Armadura inferior dirección X: *Armadura superior dirección Y*		
- Armadura superior dirección X:	Mínimo: 8 cm Calculado: 25 cm	Cumple
- Armadura inferior dirección Y:	Mínimo: 100 cm Calculado: 120 cm	Cumple
Recubrimiento máximo compatible con ancho de apoyo existente: *Criterio de CYPE*	Máximo: 17.5 cm Calculado: 4 cm	Cumple
Separación máxima entre barras:	Máximo: 30 cm	
- Armadura inferior dirección X:	Calculado: 20 cm	Cumple
- Armadura superior dirección X:	Calculado: 20 cm	Cumple
- Armadura inferior dirección Y:	Calculado: 20 cm	Cumple
- Armadura superior dirección Y:	Calculado: 20 cm	Cumple
Separación mínima de armaduras:	Mínimo: 2.5 cm	
- Armadura inferior dirección X:	Calculado: 18.8 cm	Cumple
- Armadura superior dirección X:	Calculado: 18.8 cm	Cumple
- Armadura inferior dirección Y:	Calculado: 18.8 cm	Cumple
- Armadura superior dirección Y:	Calculado: 18.8 cm	Cumple
Armadura por mínimos geométricos:	Mínimo: 2.3 cm²/m	

Referencia: TIPO 2 SIMULACION HUECO		
Comprobación	Valores	Estado
- Armadura inferior dirección X:	Calculado: 5.7 cm²/m	Cumple
- Armadura superior dirección X:	Calculado: 5.7 cm²/m	Cumple
- Armadura inferior dirección Y:	Calculado: 5.7 cm²/m	Cumple
- Armadura superior dirección Y:	Calculado: 5.7 cm²/m	Cumple
Armadura por mínimos mecánicos:		
	Calculado: 5.7 cm²/m	
- Armadura inferior dirección X:	Mínimo: 5.4 cm²/m	Cumple
- Armadura superior dirección X:	Mínimo: 0 cm²/m	Cumple
- Armadura inferior dirección Y:	Mínimo: 5.4 cm²/m	Cumple
- Armadura superior dirección Y:	Mínimo: 0 cm²/m	Cumple
Armadura en dirección X:		
- Prolongación de la armadura de positivos:	Mínimo: 2.9 cm²/m	
Criterio de CYPE	Calculado: 5.7 cm²/m	Cumple
Armadura en dirección Y:		
- Prolongación de la armadura de positivos:	Mínimo: 2.9 cm²/m	
Criterio de CYPE	Calculado: 5.7 cm²/m	Cumple
Comprobación de cuantías por flexión con acciones estáticas:		
	Calculado: 5.7 cm²/m	
- Comprobación de la armadura de positivos dirección X:	Mínimo: 1.4 cm²/m	Cumple
- Comprobación de la armadura de negativos dirección X:	Mínimo: 1.2 cm²/m	Cumple
- Comprobación de la armadura de positivos dirección Y:	Mínimo: 2.3 cm²/m	Cumple
- Comprobación de la armadura de negativos dirección Y:	Mínimo: 1.3 cm²/m	Cumple
Comprobación del cortante con acciones estáticas:		
	Máximo: 233.469 kN/m	
- Cortante en la dirección X:	Calculado: 54.5573 kN/m	Cumple
- Cortante en la dirección Y:	Calculado: 54.5573 kN/m	Cumple
Anclaje armado base con acciones estáticas:		
- Longitud patilla en armado base inferior inicial dirección X:	Mínimo: 36 cm Calculado: 36 cm	Cumple
- Longitud patilla en armado base inferior final dirección X:	Mínimo: 36 cm Calculado: 36 cm	Cumple
- Longitud patilla en armado base superior inicial dirección X:	Mínimo: 15 cm Calculado: 15 cm	Cumple
- Longitud patilla en armado base superior final dirección X:	Mínimo: 15 cm Calculado: 15 cm	Cumple
- Longitud patilla en armado base inferior inicial dirección Y:	Mínimo: 29 cm Calculado: 29 cm	Cumple
- Longitud patilla en armado base inferior final dirección Y:	Mínimo: 29 cm Calculado: 29 cm	Cumple

Referencia: TIPO 2 SIMULACION HUECO		
Comprobación	Valores	Estado
- Longitud patilla en armado base superior inicial dirección Y:	Mínimo: 9 cm Calculado: 9 cm	Cumple
- Longitud patilla en armado base superior final dirección Y:	Mínimo: 9 cm Calculado: 9 cm	Cumple
Se cumplen todas las comprobaciones		