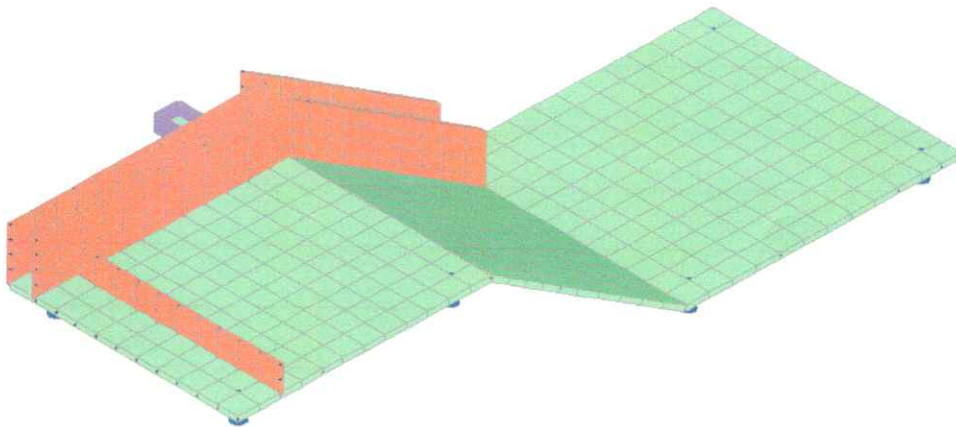


DISEÑO ESTRUCTURAL DE BOCATOMA EN CONCRETO REFORZADO

ACACÍAS, META



MEMORIA DE CÁLCULO DE DISEÑO ESTRUCTURAL
DE BOCATOMA EN ESTRUCTURA DE CONCRETO REFORZADO

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FEBRERO DE 2022

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1. GENERALIDADES

El siguiente documento obedece a la memoria de cálculo del diseño estructural de una bocatoma en estructura de concreto reforzado. De manera general, la estructura está compuesta por una placa de concreto reforzado de 400 mm de espesor, apoyada directamente sobre un estrato rocoso y combinada con 8 pilotes de concreto reforzado de 1.00 m diámetro, los cuales corresponden al sistema de resistencia sísmica de la estructura. Sobre la placa, se apoyan un sistema de muros de concreto reforzado, de diferentes alturas, cuya función principal corresponde a la captación del agua.

El análisis estructural realizado corresponde al método de interacción suelo estructura. Se realizó análisis modal espectral, utilizando un 90 % de la masa participante en la consideración de las fuerzas sísmicas actuantes.

El diseño de los elementos de concreto reforzado se realizó considerando los requisitos establecidos en el Título C de NSR-10 y particularmente, lo consignado en el capítulo C.23 del mismo título, que se ocupa del caso específico de estructuras ambientales, como en el presente proyecto.

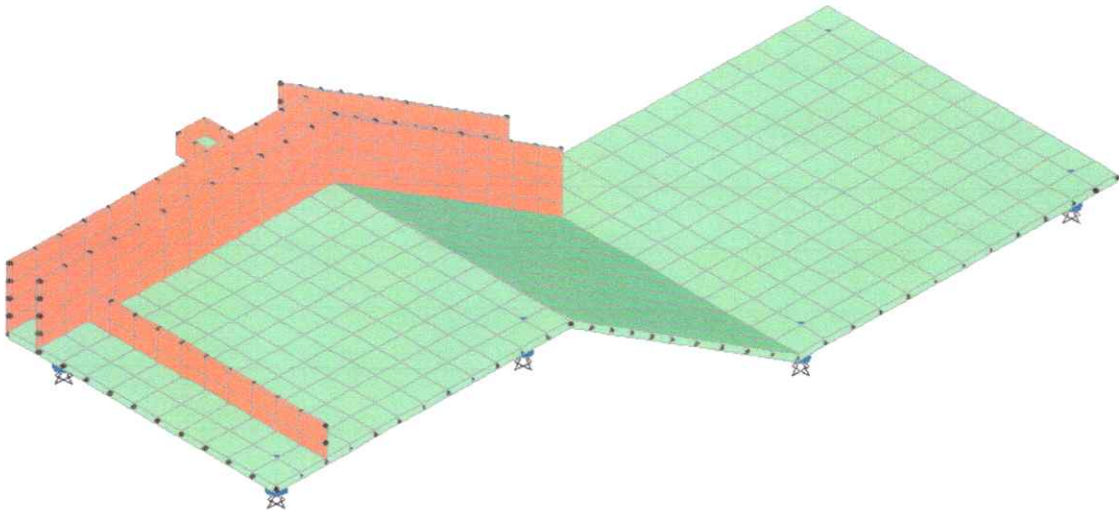


Imagen 1. Modelo matemático tridimensional de la bocatoma

2. OBJETIVOS

2.1. OBJETO GENERAL

Realizar el análisis y diseño de estructura de concreto reforzado para la bocatoma del municipio de Acacías, con base en los requisitos y recomendaciones de NSR-10.

2.2. OBJETIVOS ESPECÍFICOS

- Realizar el dimensionamiento del sistema estructural de la bocatoma, con base en los requisitos y recomendaciones del Título C de NSR-10.
- Realizar el análisis de cargas horizontales y verticales con base en los Títulos A y B de NSR-10, respectivamente.
- Diseñar los elementos de concreto reforzado con base en los requisitos y recomendaciones del Título C de NSR-10.

3. NIVEL DE AMENAZA SÍSMICA Y CAPACIDAD DE DISIPACIÓN DE ENERGÍA

El proyecto está ubicado en una zona de amenaza sísmica alta y el grado de disipación de energía es especial (DES).

3.1. LOCALIZACIÓN GENERAL DEL PROYECTO

El proyecto correspondiente al diseño de la bocatoma, se encuentra ubicado en el municipio de Acacías, en el departamento del Meta. Está localizado a 19 km de la capital del departamento, la ciudad de Villavicencio.

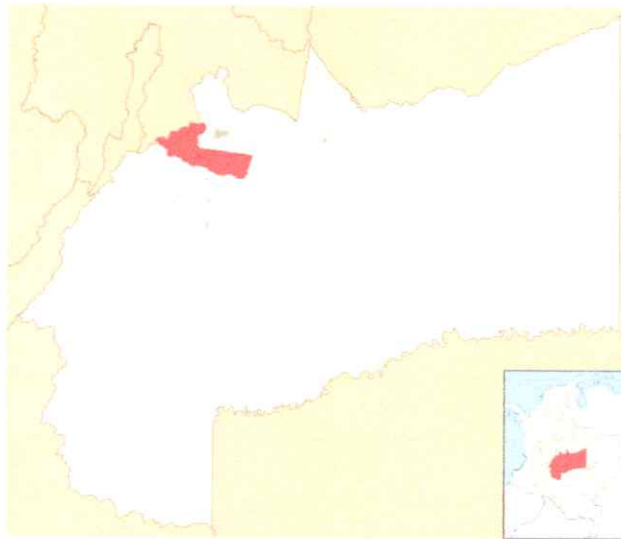


Imagen 2. Localización general del municipio

3.2. NIVEL DE AMENAZA SÍSMICA

De acuerdo con lo establecido en NSR-10, el municipio de Acacías presenta un riesgo sísmico Alto. A continuación, se presentan los parámetros sísmicos del proyecto, según dicho reglamento:

Nombre del municipio	Acacías
Código	50006
Aa	0.30
Av	0.30
Zona de amenaza	Alta
Ae	0.17
Ad	0.06
Perfil de suelo	Tipo D
Fa	1.20
Fv	1.80
I	IV

4. CARACTERÍSTICAS GENERALES DE LA ESTRUCTURA

El proyecto presenta las siguientes características desde el punto de vista estructural:

Tipo de estructura:	Muros de concreto reforzado (DES)
Zona de amenaza sísmica (según NSR-10)	Alta
Resistencia a la compresión del concreto $f'c$	28 MPa (4000 psi)
Sistema de entrepiso	Placa combinada con pilotes
Tipo de cimentación	Superficial
Análisis sísmico empleado	Análisis modal espectral
Método de diseño de los elementos	Resistencia última LRFD

Tabla 1. Características generales de la estructura

5. NORMAS TÉCNICAS Y RECOMENDACIONES

Para el diseño de los elementos de concreto reforzado de la bocatoma y de los elementos de acero (si hay lugar), se consideraron los siguientes códigos y/o normativa:

- REGLAMENTO COLOMBIANO DE CONSTRUCCIÓN SISMO RESISTENTE NSR-10. Decreto 926 de 2010", Asociación Colombiana de Ingeniería Sísmica, AIS, 2010.
- NORMA COLOMBIANA DE DISEÑO DE PUENTES CCP14", Asociación Colombiana de Ingeniería Sísmica, AIS, 2014.
- REQUISITOS DE REGLAMENTO PARA CONCRETO ESTRUCTURAL ACI 318S-14, American Concrete Institute.
- STEEL CONSTRUCTION MANUAL. 14th Edition, American Institute of Steel Construction, AISC, 2005.
- ASCE. Minimum Design Loads for Buildings and Other Structures.
- Manual of Steel Construction Load and Resistance Factor Design 3rd Edition.
- ANSI/AISC 360-10 Specification for Structural Steel Buildings.
- AWS D1.1/D1.1M:2008 Structural Welding Code – Steel.
- AISC Detailing for Steel Construction.

6. SISTEMA DE UNIDADES

Los elementos de la estructura fueron analizados y diseñados empleando las unidades del sistema internacional de unidades SI:

Longitud	metros (m); centímetros (cm); milímetros (mm)
Área	metros cuadrados (m ²); milímetros cuadrados (mm ²)
Fuerza	Newton (N); kilo Newton (kN)
Esfuerzo	mega Pascales (MPa)
Masa	kilogramo (kg); Toneladas (T)
Periodos	segundos (s)
Frecuencias	Radianes por segundo (rad/s)

Tabla 2. Unidades empleadas en el análisis

7. MATERIALES

7.1. CONCRETO

El concreto empleado en el análisis y diseño de los elementos como placas, muros y pilotes, corresponde a un concreto de 28 MPa, las propiedades mecánicas más importantes se presentan a continuación:

Resistencia a la compresión del concreto	$f'_c = 28 \text{ MPa}$
Módulo de elasticidad del concreto	$E = 20636.86 \text{ MPa}$

7.2. ACERO DE REFUERZO

Acero de refuerzo en barras corrugadas:

Resistencia a la fluencia del acero	$F_y = 420 \text{ MPa}$
Módulo de elasticidad del acero	$E = 200.000 \text{ MPa}$

En la siguiente tabla se presentan las propiedades de las barras corrugadas empleadas en el diseño estructural del proyecto. Las dimensiones nominales corresponden a las establecidas en el título C del NSR – 10.

Designación de la barra	Diámetro en pulgadas	Dimensiones nominales		Peso (kg/m)
		Ø (mm)	A (mm ²)	
No. 2	1/4	6.4	32	0.25
No. 3	3/8	9.5	71	0.56
No. 4	1/2	12.7	129	0.994
No. 5	5/8	15.9	199	1.552
No. 6	3/4	19.1	284	2.235
No. 7	7/8	22.2	387	23.042
No. 8	1	25.4	510	3.973

Tabla 3. Propiedades de las barras de acero de refuerzo corrugado

8. EVALUACIÓN DE CARGAS

8.1. CARGAS MUERTAS

Las cargas muertas obedecen a las cargas por peso propio, las cuales son leídas directamente por el programa de cálculo estructural empleado. La siguiente tabla ilustra de manera aproximada, el valor de las masas y pesos correspondientes, de las placas, muros y demás elementos que conforman la estructura:

Elemento	Peso total (kN)
Pilote 1.00 m	222.08
Placa 400 mm	8.934.36
Muro 300 mm	66.45
Muro 400 mm	2.562.33
Total	11.785.21

Tabla 4. Listado de pesos por elemento

8.2. CARGAS VIVAS

Con el propósito de realizar un diseño conservador, es considerado el efecto del agua como carga viva. Se aplicaron cargas hidrostáticas sobre elemento tipo presa, cuya altura según planos hidráulicos es aproximadamente igual a 1.40 m. Para el cálculo de la magnitud la presión hidrostática, por m de ancho de muro (presa), se empleó la siguiente expresión:

$$p = \gamma h$$

La siguiente imagen muestra la aplicación de la carga producida por el agua, en la presa de la bocatoma:

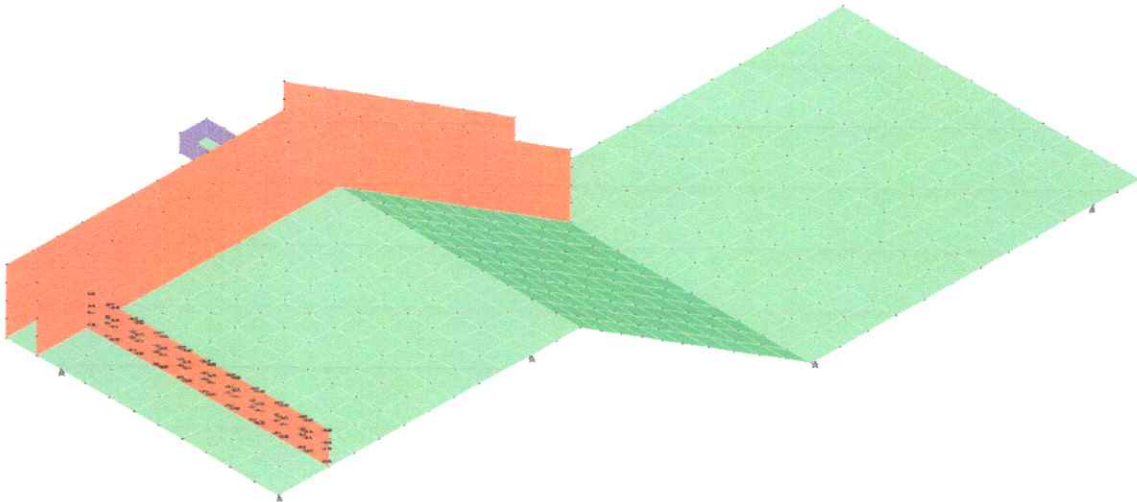


Imagen 3. Aplicación de cargas hidrostática en presa de bocatoma

9. ESPECTRO ELÁSTICO DE ACELERACIONES

La siguiente gráfica ilustra el movimiento sísmico empleado para el diseño de la estructura de concreto reforzado:

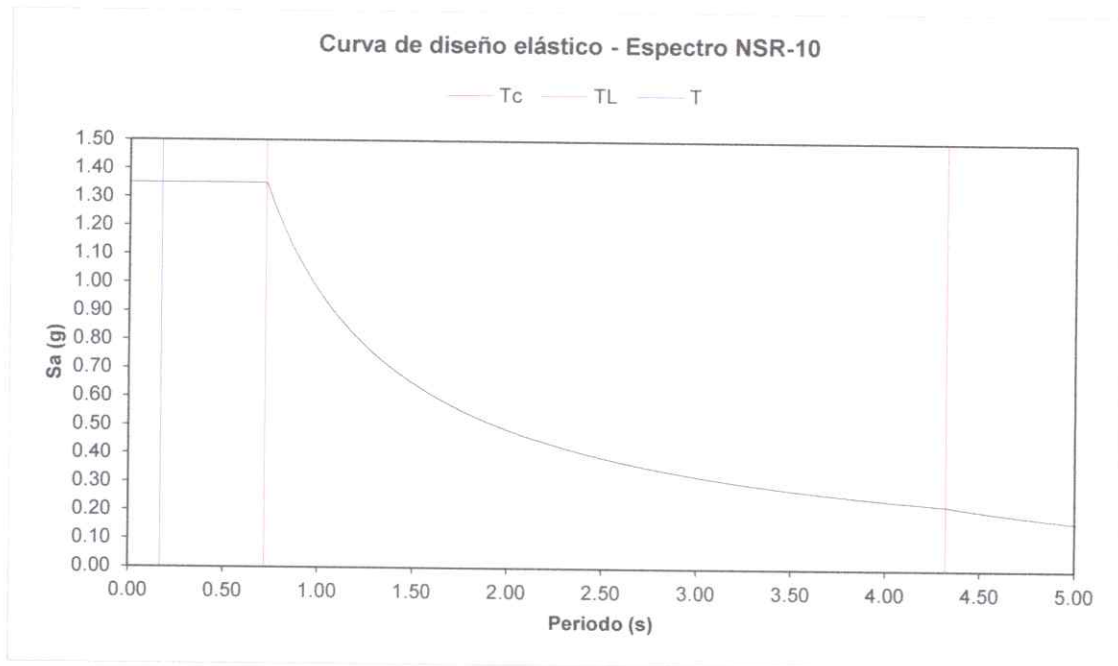


Gráfico 1. Espectro elástico de aceleraciones

10. DATOS DE ENTRADA

Table: Area Section Assignments

Table: Area Section Assignments		
Area	Section	MatProp
21	MURO 40	Default
23	MURO 40	Default
25	MURO 40	Default
27	MURO 40	Default
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202	MURO 40	Default

DISEÑO DE ESTRUCTURA EN CONCRETO REFORZADO PARA BOCATOMA
ING. JUAN FERNANDO LOZANO SEPÚLVEDA
M. Sc. ESTRUCTURAS ECI

Table: Area Section Assignments

Area	Section	MatProp
203	MURO 40	Default
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253	MURO 40	Default

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Table: Area Section Assignments

Area	Section	MatProp
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Table: Area Section Assignments

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Table: Area Section Assignments

Area	Section	MatProp
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Table: Area Section Assignments

Area	Section	MatProp
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Area	Section	MatProp
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586	PLACA 40	Default
587	PLACA 40	Default
588	PLACA 40	Default
589	PLACA 40	Default
590	PLACA 40	Default
591	PLACA 40	Default
592	PLACA 40	Default
593	PLACA 40	Default
594	PLACA 40	Default
595	PLACA 40	Default
596	PLACA 40	Default
597	PLACA 40	Default
598	PLACA 40	Default
599	PLACA 40	Default
600	PLACA 40	Default
601	PLACA 40	Default
602	PLACA 40	Default

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Table: Area Section Assignments

Area	Section	MatProp
603	PLACA 40	Default
604	PLACA 40	Default
605	PLACA 40	Default
606	PLACA 40	Default
607	PLACA 40	Default
608	PLACA 40	Default
609	PLACA 40	Default
610	PLACA 40	Default
611	PLACA 40	Default
612	PLACA 40	Default
613	PLACA 40	Default
614	PLACA 40	Default
615	PLACA 40	Default
616	PLACA 40	Default
617	PLACA 40	Default
618	PLACA 40	Default
619	PLACA 40	Default
620	PLACA 40	Default
621	PLACA 40	Default
622	PLACA 40	Default
623	PLACA 40	Default
624	PLACA 40	Default
625	PLACA 40	Default
626	PLACA 40	Default
627	PLACA 40	Default
628	PLACA 40	Default
629	PLACA 40	Default
630	PLACA 40	Default
649	MURO 40	Default
650	MURO 40	Default
651	MURO 40	Default
652	MURO 40	Default
653	MURO 40	Default
654	MURO 40	Default
655	MURO 40	Default
656	MURO 40	Default
657	PLACA 40	Default
658	PLACA 40	Default
661	MURO 40	Default
662	MURO 40	Default
663	MURO 40	Default
664	MURO 40	Default
665	MURO 40	Default
666	MURO 40	Default
667	MURO 40	Default
668	MURO 40	Default
669	MURO 40	Default
670	MURO 40	Default
671	MURO 40	Default
672	MURO 40	Default
673	MURO 40	Default

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Table: Area Section Assignments

Area	Section	MatProp
674	MURO 40	Default
675	MURO 40	Default
676	MURO 40	Default
677	MURO 40	Default
678	MURO 40	Default
679	MURO 40	Default
680	MURO 40	Default
681	MURO 40	Default
682	MURO 40	Default
683	MURO 40	Default
684	MURO 40	Default
685	MURO 40	Default
686	MURO 40	Default
687	MURO 40	Default
688	MURO 40	Default
689	MURO 40	Default
690	MURO 40	Default
691	MURO 30	Default
692	MURO 30	Default
693	MURO 30	Default
694	MURO 30	Default
695	MURO 30	Default
696	MURO 30	Default
818	PLACA 40	Default
819	PLACA 40	Default
1942	PLACA 40	Default
1943	PLACA 40	Default
1944	PLACA 40	Default
1945	PLACA 40	Default
1946	PLACA 40	Default
1947	PLACA 40	Default
1948	PLACA 40	Default
1949	PLACA 40	Default
1950	PLACA 40	Default
1951	PLACA 40	Default
1952	PLACA 40	Default
1953	PLACA 40	Default
1954	PLACA 40	Default
1955	PLACA 40	Default
1956	PLACA 40	Default
1957	PLACA 40	Default
1958	PLACA 40	Default
1959	PLACA 40	Default
1960	PLACA 40	Default
1961	PLACA 40	Default
1962	PLACA 40	Default
1963	PLACA 40	Default
1964	PLACA 40	Default
1966	PLACA 40	Default
1967	PLACA 40	Default
1968	PLACA 40	Default

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Table: Area Section Assignments

Area	Section	MatProp
1969	PLACA 40	Default
1970	PLACA 40	Default
1971	PLACA 40	Default
1972	PLACA 40	Default
1973	PLACA 40	Default
1974	PLACA 40	Default
1975	PLACA 40	Default
1976	PLACA 40	Default
1977	PLACA 40	Default
1978	PLACA 40	Default
1979	PLACA 40	Default
1980	PLACA 40	Default
1981	PLACA 40	Default
1982	PLACA 40	Default
1983	PLACA 40	Default
1984	PLACA 40	Default
1985	PLACA 40	Default
1986	PLACA 40	Default
1987	PLACA 40	Default
1989	MURO 30	Default
1996	MURO 40	Default
1997	MURO 40	Default
1998	MURO 40	Default
1999	MURO 40	Default
2000	MURO 40	Default
2001	MURO 40	Default
2002	MURO 40	Default
2003	MURO 40	Default
2004	MURO 40	Default
2005	MURO 40	Default
2006	MURO 40	Default
2007	MURO 40	Default
2008	MURO 40	Default
2009	MURO 40	Default
2010	MURO 40	Default
2011	MURO 40	Default
2012	MURO 40	Default
2013	MURO 40	Default
2014	MURO 40	Default
2015	MURO 40	Default
2515	PLACA 40	Default
2516	PLACA 40	Default
2517	PLACA 40	Default
2518	PLACA 40	Default
2519	PLACA 40	Default
2520	PLACA 40	Default
2521	PLACA 40	Default
2522	PLACA 40	Default
2523	PLACA 40	Default
2524	PLACA 40	Default
2525	PLACA 40	Default

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Table: Area Section Assignments

Area	Section	MatProp
2526	PLACA 40	Default
2527	PLACA 40	Default
2528	PLACA 40	Default
2529	PLACA 40	Default
2530	PLACA 40	Default
2531	PLACA 40	Default
2532	PLACA 40	Default
2533	PLACA 40	Default
2534	PLACA 40	Default
2535	PLACA 40	Default
2536	PLACA 40	Default
2537	PLACA 40	Default
2538	PLACA 40	Default
2539	PLACA 40	Default
2540	PLACA 40	Default
2541	PLACA 40	Default
2542	PLACA 40	Default
2543	PLACA 40	Default
2544	PLACA 40	Default
2545	PLACA 40	Default
2546	PLACA 40	Default
2547	PLACA 40	Default
2548	PLACA 40	Default
2549	PLACA 40	Default
2550	PLACA 40	Default
2551	PLACA 40	Default
2552	PLACA 40	Default
2553	PLACA 40	Default
2554	PLACA 40	Default
2555	PLACA 40	Default
2556	PLACA 40	Default
2557	PLACA 40	Default
2558	PLACA 40	Default
2559	PLACA 40	Default
2560	PLACA 40	Default
2561	PLACA 40	Default
2562	PLACA 40	Default
2563	PLACA 40	Default
2564	PLACA 40	Default
2565	PLACA 40	Default
2566	PLACA 40	Default
2567	PLACA 40	Default
2568	PLACA 40	Default
2569	PLACA 40	Default
2570	PLACA 40	Default
2571	PLACA 40	Default
2572	PLACA 40	Default
2573	PLACA 40	Default
2574	PLACA 40	Default
2575	PLACA 40	Default
2576	PLACA 40	Default

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Table: Area Section Assignments

Area	Section	MatProp
2577	PLACA 40	Default
2578	PLACA 40	Default
2579	PLACA 40	Default
2580	PLACA 40	Default
2581	PLACA 40	Default
2582	PLACA 40	Default
2583	PLACA 40	Default
2584	PLACA 40	Default
2585	PLACA 40	Default
2586	PLACA 40	Default
2587	PLACA 40	Default
2588	PLACA 40	Default
2589	PLACA 40	Default
2590	PLACA 40	Default
2591	PLACA 40	Default
2592	PLACA 40	Default
2593	PLACA 40	Default
2594	PLACA 40	Default
2595	PLACA 40	Default
2596	PLACA 40	Default
2597	PLACA 40	Default
2598	PLACA 40	Default
2599	PLACA 40	Default
2600	PLACA 40	Default
2601	PLACA 40	Default
2602	PLACA 40	Default
2603	PLACA 40	Default
2604	PLACA 40	Default
2605	PLACA 40	Default
2606	PLACA 40	Default
2607	PLACA 40	Default
2608	PLACA 40	Default
2609	PLACA 40	Default
2610	PLACA 40	Default
2611	PLACA 40	Default
2612	PLACA 40	Default
2613	PLACA 40	Default
2614	PLACA 40	Default
2615	PLACA 40	Default
2616	PLACA 40	Default
2617	PLACA 40	Default
2618	PLACA 40	Default
2619	PLACA 40	Default
2620	PLACA 40	Default
2621	PLACA 40	Default
2622	PLACA 40	Default
2623	PLACA 40	Default
2624	PLACA 40	Default

Table: Area Section Properties, Part 1 of 4

Table: Area Section Properties, Part 1 of 4

Section	Material	MatAngle Degrees	AreaType	Type	DrillDOF	Thickness m	BendThick m	Arc Degrees
MURO 30	4000Psi	0.000	Shell	Shell-Thin	Yes	0.300000	0.300000	
MURO 40	4000Psi	0.000	Shell	Shell-Thin	Yes	0.400000	0.400000	
PLACA 40	4000Psi	0.000	Shell	Shell-Thin	Yes	0.400000	0.400000	

Table: Area Section Properties, Part 2 of 4

Table: Area Section Properties, Part 2 of 4

Section	InComp	CoordSys	Color	TotalWt KN	TotalMass KN-s2/m	F11Mod	F22Mod
MURO 30			Magenta	66.448	6.78	1.000000	1.000000
MURO 40			Orange	2562.329	261.28	1.000000	1.000000
PLACA 40			Green	8934.355	911.05	1.000000	1.000000

Table: Area Section Properties, Part 3 of 4

Table: Area Section Properties, Part 3 of 4

Section	F12Mod	M11Mod	M22Mod	M12Mod	V13Mod	V23Mod	MMod	WMod
MURO 30	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000
MURO 40	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000
PLACA 40	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000

Table: Area Section Properties, Part 4 of 4

Table: Area Section Properties, Part 4 of 4

Section	GUID	Notes
MURO 30		Added 29/03/2022 9:07:13 p. m.
MURO 40		Added 30/03/2022 10:29:15 p. m.
PLACA 40		Added 29/03/2022 9:06:18 p. m.

Table: Area Section Property Design Parameters

Table: Area Section Property Design Parameters

Section	RebarMat	RebarOpt
MURO 30	None	Default
MURO 40	None	Default
PLACA 40	None	Default

Table: Case - Modal 1 - General

Table: Case - Modal 1 - General

Case	ModeType	MaxNumModes	MinNumModes	EigenShift Cyc/sec	EigenCutoff Cyc/sec	EigenTol	AutoShift
MODAL	Eigen	24	1	0.0000E+00	0.0000E+00	1.0000E-09	Yes

Table: Case - Response Spectrum 1 - General, Part 1 of 2

Table: Case - Response Spectrum 1 - General, Part 1 of 2

Case	ModalCombo	GMCf1 Cyc/sec	GMCf2 Cyc/sec	PerRigid	DirCombo	DampingType	ConstDamp
SISMOX	CQC	1.0000E+00	0.0000E+00	SRSS	SRSS	Constant	0.0500
SISMOY	CQC	1.0000E+00	0.0000E+00	SRSS	SRSS	Constant	0.0500

Table: Case - Response Spectrum 1 - General, Part 2 of 2

Table: Case - Response Spectrum 1 - General,
Part 2 of 2

Case	EccenRatio	NumOverride
SISMOX	0.000000	0
SISMOY	0.000000	0

Table: Case - Response Spectrum 2 - Load Assignments

Table: Case - Response Spectrum 2 - Load Assignments

Case	LoadType	LoadName	CoordSys	Function	Angle Degrees	TransAccSF m/sec2
SISMOX	Acceleration	U1	GLOBAL	ESPECTRO	0.000	9.80000
SISMOY	Acceleration	U2	GLOBAL	ESPECTRO	0.000	9.80000

Table: Case - Static 1 - Load Assignments

Table: Case - Static 1 - Load Assignments

Case	LoadType	LoadName	LoadSF
DEAD	Load pattern	DEAD	1.000000
MUERTA	Load pattern	MUERTA	1.000000
VIVA	Load pattern	VIVA	1.000000

Table: Combination Definitions, Part 1 of 3

Table: Combination Definitions, Part 1 of 3

ComboName	ComboType	AutoDesign	CaseType	CaseName	ScaleFactor	SteelDesign
MUERTA TOTAL	Linear Add	No	Linear Static	DEAD	1.000000	None
MUERTA TOTAL			Linear Static	MUERTA	1.000000	
EX+0.3EY	Linear Add	No	Response Spectrum	SISMOX	1.000000	None

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Table: Combination Definitions, Part 1 of 3

ComboName	ComboType	AutoDesign	CaseType	CaseName	ScaleFactor	SteelDesign
EX+0.3EY			Response Spectrum	SISMOY	0.300000	
EX CORREGIDO	Linear Add	No	Response Combo	EX+0.3EY	1.050000	None
EY+0.3EX	Linear Add	No	Response Spectrum	SISMOY	1.000000	None
EY+0.3EX			Response Spectrum	SISMOX	0.300000	
EY CORREGIDO	Linear Add	No	Response Combo	EY+0.3EX	1.130000	None
EX DISEÑO	Linear Add	No	Response Combo	EX CORREGIDO	0.238095	None
EY DISEÑO	Linear Add	No	Response Combo	EY CORREGIDO	0.238095	None
B.2.4-1	Linear Add	No	Response Combo	MUERTA TOTAL	1.400000	Strength
B.2.4-2	Linear Add	No	Response Combo	MUERTA TOTAL	1.200000	Strength
B.2.4-2			Linear Static	VIVA	1.600000	
B.2.4-2			Linear Static	VIVACUB	0.500000	
B.2.4-3 (1)	Linear Add	No	Response Combo	MUERTA TOTAL	1.200000	Strength
B.2.4-3 (1)			Linear Static	VIVACUB	1.600000	
B.2.4-3 (1)			Linear Static	VIVA	1.000000	
B.2.4-3 (2)	Linear Add	No	Response Combo	MUERTA TOTAL	1.200000	Strength
B.2.4-3 (2)			Linear Static	VIVACUB	1.600000	
B.2.4-3 (2)			Response Combo	W PRESION	0.500000	
B.2.4-3 (3)	Linear Add	No	Response Combo	MUERTA TOTAL	1.200000	Strength
B.2.4-3 (3)			Linear Static	VIVACUB	1.600000	
B.2.4-3 (3)			Response Combo	W SUCCION	0.500000	
B.2.4-3 (4)	Linear Add	No	Response Combo	MUERTA TOTAL	1.200000	Strength
B.2.4-3 (4)			Linear Static	GRANIZO	1.600000	
B.2.4-3 (4)			Linear Static	VIVA	1.000000	
B.2.4-3 (5)	Linear Add	No	Response Combo	MUERTA TOTAL	1.200000	Strength
B.2.4-3 (5)			Linear Static	GRANIZO	1.600000	
B.2.4-3 (5)			Response Combo	W PRESION	0.500000	
B.2.4-3 (6)	Linear Add	No	Response Combo	MUERTA TOTAL	1.200000	Strength
B.2.4-3 (6)			Linear Static	GRANIZO	1.600000	
B.2.4-3 (6)			Response Combo	W SUCCION	0.500000	
B.2.4-3 (7)	Linear Add	No	Response Combo	MUERTA TOTAL	1.200000	Strength
B.2.4-3 (7)			Linear Static	EMPOZAMIENTO	1.600000	
B.2.4-3 (7)			Linear Static	VIVA	1.000000	
B.2.4-3 (8)	Linear Add	No	Response Combo	MUERTA TOTAL	1.200000	Strength
B.2.4-3 (8)			Linear Static	EMPOZAMIENTO	1.600000	
B.2.4-3 (8)			Response Combo	W PRESION	0.500000	
B.2.4-3 (9)	Linear Add	No	Response Combo	MUERTA TOTAL	1.200000	Strength
B.2.4-3 (9)			Linear Static	EMPOZAMIENTO	1.600000	
B.2.4-3 (9)			Response Combo	W SUCCION	0.500000	
B.2.4-4 (1)	Linear Add	No	Response Combo	MUERTA TOTAL	1.200000	Strength
B.2.4-4 (1)			Response Combo	W PRESION	1.000000	
B.2.4-4 (1)			Linear Static	VIVA	1.000000	
B.2.4-4 (1)			Linear Static	VIVACUB	0.500000	
B.2.4-4 (2)	Linear Add	No	Response Combo	MUERTA TOTAL	1.200000	Strength
B.2.4-4 (2)			Response Combo	W PRESION	1.000000	
B.2.4-4 (2)			Linear Static	VIVA	1.000000	
B.2.4-4 (2)			Linear Static	GRANIZO	0.500000	
B.2.4-4 (3)	Linear Add	No	Response Combo	MUERTA TOTAL	1.200000	Strength
B.2.4-4 (3)			Response Combo	W PRESION	1.000000	
B.2.4-4 (3)			Linear Static	VIVA	1.000000	
B.2.4-4 (3)			Linear Static	EMPOZAMIENTO	0.500000	
B.2.4-4 (4)	Linear Add	No	Response Combo	MUERTA TOTAL	1.200000	Strength

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Table: Combination Definitions, Part 1 of 3

ComboName	ComboType	AutoDesign	CaseType	CaseName	ScaleFactor	SteelDesign
B.2.4-4 (4)			Response Combo	W SUCCION	1.000000	
B.2.4-4 (4)			Linear Static	VIVA	1.000000	
B.2.4-4 (4)			Linear Static	VIVACUB	0.500000	
B.2.4-4 (5)	Linear Add	No	Response Combo	MUERTA TOTAL	1.200000	Strength
B.2.4-4 (5)			Response Combo	W SUCCION	1.000000	
B.2.4-4 (5)			Linear Static	VIVA	1.000000	
B.2.4-4 (5)			Linear Static	GRANIZO	0.500000	
B.2.4-4 (6)	Linear Add	No	Response Combo	MUERTA TOTAL	1.200000	Strength
B.2.4-4 (6)			Response Combo	W SUCCION	1.000000	
B.2.4-4 (6)			Linear Static	VIVA	1.000000	
B.2.4-4 (6)			Linear Static	GRANIZO	0.500000	
B.2.4-5 (1)	Linear Add	No	Response Combo	MUERTA TOTAL	1.200000	Strength
B.2.4-5 (1)			Response Combo	EX DISEÑO	1.000000	
B.2.4-5 (1)			Linear Static	VIVA	1.000000	
B.2.4-5 (2)	Linear Add	No	Response Combo	MUERTA TOTAL	1.200000	Strength
B.2.4-5 (2)			Response Combo	EY DISEÑO	1.000000	
B.2.4-5 (2)			Linear Static	VIVA	1.000000	
B.2.4-6 (1)	Linear Add	No	Response Combo	MUERTA TOTAL	0.900000	Strength
B.2.4-6 (1)			Response Combo	W PRESION	1.000000	
B.2.4-6 (2)	Linear Add	No	Response Combo	MUERTA TOTAL	0.900000	Strength
B.2.4-6 (2)			Response Combo	W SUCCION	1.000000	
B.2.4-7 (1)	Linear Add	No	Response Combo	MUERTA TOTAL	0.900000	Strength
B.2.4-7 (1)			Response Combo	EX DISEÑO	1.000000	
B.2.4-7 (2)	Linear Add	No	Response Combo	MUERTA TOTAL	0.900000	Strength
B.2.4-7 (2)			Response Combo	EY DISEÑO	1.000000	
SERVICIO	Linear Add	No	Response Combo	MUERTA TOTAL	1.000000	Deflection
ENVOLVENTE	Envelope	No	Linear Static	VIVA	1.000000	
ENVOLVENTE			Response Combo	B.2.4-1	1.000000	None
ENVOLVENTE			Response Combo	B.2.4-2	1.000000	
ENVOLVENTE			Response Combo	B.2.4-3 (1)	1.000000	
ENVOLVENTE			Response Combo	B.2.4-3 (2)	1.000000	
ENVOLVENTE			Response Combo	B.2.4-3 (3)	1.000000	
ENVOLVENTE			Response Combo	B.2.4-3 (4)	1.000000	
ENVOLVENTE			Response Combo	B.2.4-3 (5)	1.000000	
ENVOLVENTE			Response Combo	B.2.4-3 (6)	1.000000	
ENVOLVENTE			Response Combo	B.2.4-3 (7)	1.000000	
ENVOLVENTE			Response Combo	B.2.4-3 (8)	1.000000	
ENVOLVENTE			Response Combo	B.2.4-3 (9)	1.000000	
ENVOLVENTE			Response Combo	B.2.4-4 (1)	1.000000	
ENVOLVENTE			Response Combo	B.2.4-4 (2)	1.000000	
ENVOLVENTE			Response Combo	B.2.4-4 (3)	1.000000	
ENVOLVENTE			Response Combo	B.2.4-4 (4)	1.000000	
ENVOLVENTE			Response Combo	B.2.4-4 (5)	1.000000	
ENVOLVENTE			Response Combo	B.2.4-4 (6)	1.000000	
ENVOLVENTE			Response Combo	B.2.4-5 (1)	1.000000	
ENVOLVENTE			Response Combo	B.2.4-5 (2)	1.000000	
ENVOLVENTE			Response Combo	B.2.4-6 (1)	1.000000	
ENVOLVENTE			Response Combo	B.2.4-6 (2)	1.000000	
ENVOLVENTE			Response Combo	B.2.4-7 (1)	1.000000	
ENVOLVENTE			Response Combo	B.2.4-7 (2)	1.000000	

Table: Combination Definitions, Part 2 of 3

Table: Combination Definitions, Part 2 of 3

ComboName	CaseName	ConcDesign	AlumDesign	ColdDesign	GUID
MUERTA TOTAL	DEAD	None	None	None	
MUERTA TOTAL	MUERTA				
EX+0.3EY	SISMOX	None	None	None	
EX+0.3EY	SISMOY				
EX CORREGIDO	EX+0.3EY	None	None	None	
EY+0.3EX	SISMOY	None	None	None	
EY+0.3EX	SISMOX				
EY CORREGIDO	EY+0.3EX	None	None	None	
EX DISEÑO	EX CORREGIDO	None	None	None	
EY DISEÑO	EY CORREGIDO	None	None	None	
B.2.4-1	MUERTA TOTAL	Strength	None	None	
B.2.4-2	MUERTA TOTAL	Strength	None	None	
B.2.4-2	VIVA				
B.2.4-2	VIVACUB				
B.2.4-3 (1)	MUERTA TOTAL	Strength	None	None	
B.2.4-3 (1)	VIVACUB				
B.2.4-3 (1)	VIVA				
B.2.4-3 (2)	MUERTA TOTAL	Strength	None	None	
B.2.4-3 (2)	VIVACUB				
B.2.4-3 (2)	W PRESION				
B.2.4-3 (3)	MUERTA TOTAL	Strength	None	None	
B.2.4-3 (3)	VIVACUB				
B.2.4-3 (3)	W SUCCION				
B.2.4-3 (4)	MUERTA TOTAL	Strength	None	None	
B.2.4-3 (4)	GRANIZO				
B.2.4-3 (4)	VIVA				
B.2.4-3 (5)	MUERTA TOTAL	Strength	None	None	
B.2.4-3 (5)	GRANIZO				
B.2.4-3 (5)	W PRESION				
B.2.4-3 (6)	MUERTA TOTAL	Strength	None	None	
B.2.4-3 (6)	GRANIZO				
B.2.4-3 (6)	W SUCCION				
B.2.4-3 (7)	MUERTA TOTAL	Strength	None	None	
B.2.4-3 (7)	EMPOZAMIENTO				
B.2.4-3 (7)	VIVA				
B.2.4-3 (8)	MUERTA TOTAL	Strength	None	None	
B.2.4-3 (8)	EMPOZAMIENTO				
B.2.4-3 (8)	W PRESION				
B.2.4-3 (9)	MUERTA TOTAL	Strength	None	None	
B.2.4-3 (9)	EMPOZAMIENTO				
B.2.4-3 (9)	W SUCCION				
B.2.4-4 (1)	MUERTA TOTAL	Strength	None	None	
B.2.4-4 (1)	W PRESION				
B.2.4-4 (1)	VIVA				
B.2.4-4 (1)	VIVACUB				
B.2.4-4 (2)	MUERTA TOTAL	Strength	None	None	
B.2.4-4 (2)	W PRESION				
B.2.4-4 (2)	VIVA				
B.2.4-4 (2)	GRANIZO				

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Table: Combination Definitions, Part 2 of 3

ComboName	CaseName	ConcDesign	AlumDesign	ColdDesign	GUID
B.2.4-4 (3)	MUERTA TOTAL	Strength	None	None	
B.2.4-4 (3)	W PRESION				
B.2.4-4 (3)	VIVA				
B.2.4-4 (3)	EMPOZAMIENTO				
B.2.4-4 (4)	MUERTA TOTAL	Strength	None	None	
B.2.4-4 (4)	W SUCCION				
B.2.4-4 (4)	VIVA				
B.2.4-4 (4)	VIVACUB				
B.2.4-4 (5)	MUERTA TOTAL	Strength	None	None	
B.2.4-4 (5)	W SUCCION				
B.2.4-4 (5)	VIVA				
B.2.4-4 (5)	GRANIZO				
B.2.4-4 (6)	MUERTA TOTAL	Strength	None	None	
B.2.4-4 (6)	W SUCCION				
B.2.4-4 (6)	VIVA				
B.2.4-4 (6)	GRANIZO				
B.2.4-5 (1)	MUERTA TOTAL	Strength	None	None	
B.2.4-5 (1)	EX DISEÑO				
B.2.4-5 (1)	VIVA				
B.2.4-5 (2)	MUERTA TOTAL	Strength	None	None	
B.2.4-5 (2)	EY DISEÑO				
B.2.4-5 (2)	VIVA				
B.2.4-6 (1)	MUERTA TOTAL	Strength	None	None	
B.2.4-6 (1)	W PRESION				
B.2.4-6 (2)	MUERTA TOTAL	Strength	None	None	
B.2.4-6 (2)	W SUCCION				
B.2.4-7 (1)	MUERTA TOTAL	Strength	None	None	
B.2.4-7 (1)	EX DISEÑO				
B.2.4-7 (2)	MUERTA TOTAL	Strength	None	None	
B.2.4-7 (2)	EY DISEÑO				
SERVICIO	MUERTA TOTAL	None	None	None	
SERVICIO	VIVA				
ENVOLVENTE	B.2.4-1	None	None	None	
ENVOLVENTE	B.2.4-2				
ENVOLVENTE	B.2.4-3 (1)				
ENVOLVENTE	B.2.4-3 (2)				
ENVOLVENTE	B.2.4-3 (3)				
ENVOLVENTE	B.2.4-3 (4)				
ENVOLVENTE	B.2.4-3 (5)				
ENVOLVENTE	B.2.4-3 (6)				
ENVOLVENTE	B.2.4-3 (7)				
ENVOLVENTE	B.2.4-3 (8)				
ENVOLVENTE	B.2.4-3 (9)				
ENVOLVENTE	B.2.4-4 (1)				
ENVOLVENTE	B.2.4-4 (2)				
ENVOLVENTE	B.2.4-4 (3)				
ENVOLVENTE	B.2.4-4 (4)				
ENVOLVENTE	B.2.4-4 (5)				
ENVOLVENTE	B.2.4-4 (6)				
ENVOLVENTE	B.2.4-5 (1)				
ENVOLVENTE	B.2.4-5 (2)				

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Table: Combination Definitions, Part 2 of 3

ComboName	CaseName	ConcDesign	AlumDesign	ColdDesign	GUID
ENVOLVENTE	B.2.4-6 (1)				
ENVOLVENTE	B.2.4-6 (2)				
ENVOLVENTE	B.2.4-7 (1)				
ENVOLVENTE	B.2.4-7 (2)				

Table: Combination Definitions, Part 3 of 3

Table: Combination Definitions, Part 3 of 3

ComboName	CaseName	Notes
MUERTA TOTAL	DEAD	
MUERTA TOTAL	MUERTA	
EX+0.3EY	SISMOX	
EX+0.3EY	SISMOY	
EX CORREGIDO	EX+0.3EY	
EY+0.3EX	SISMOY	
EY+0.3EX	SISMOX	
EY CORREGIDO	EY+0.3EX	
EX DISEÑO	EX CORREGIDO	
EY DISEÑO	EY CORREGIDO	
W PRESION	VIENTO	
W SUCCION	VIENTO	
B.2.4-1	MUERTA TOTAL	
B.2.4-2	MUERTA TOTAL	
B.2.4-2	VIVA	
B.2.4-2	VIVACUB	
B.2.4-3 (1)	MUERTA TOTAL	
B.2.4-3 (1)	VIVACUB	
B.2.4-3 (1)	VIVA	
B.2.4-3 (2)	MUERTA TOTAL	
B.2.4-3 (2)	VIVACUB	
B.2.4-3 (2)	W PRESION	
B.2.4-3 (3)	MUERTA TOTAL	
B.2.4-3 (3)	VIVACUB	
B.2.4-3 (3)	W SUCCION	
B.2.4-3 (4)	MUERTA TOTAL	
B.2.4-3 (4)	GRANIZO	
B.2.4-3 (4)	VIVA	
B.2.4-3 (5)	MUERTA TOTAL	
B.2.4-3 (5)	GRANIZO	
B.2.4-3 (5)	W PRESION	
B.2.4-3 (6)	MUERTA TOTAL	
B.2.4-3 (6)	GRANIZO	
B.2.4-3 (6)	W SUCCION	
B.2.4-3 (7)	MUERTA TOTAL	
B.2.4-3 (7)	EMPOZAMIENTO	
B.2.4-3 (7)	VIVA	
B.2.4-3 (8)	MUERTA TOTAL	
B.2.4-3 (8)	EMPOZAMIENTO	
B.2.4-3 (8)	W PRESION	
B.2.4-3 (9)	MUERTA TOTAL	

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Table: Combination Definitions, Part 3 of 3

ComboName	CaseName	Notes
B.2.4-3 (9)	EMPOZAMIENTO	
B.2.4-3 (9)	W SUCCION	
B.2.4-4 (1)	MUERTA TOTAL	
B.2.4-4 (1)	W PRESION	
B.2.4-4 (1)	VIVA	
B.2.4-4 (1)	VIVACUB	
B.2.4-4 (2)	MUERTA TOTAL	
B.2.4-4 (2)	W PRESION	
B.2.4-4 (2)	VIVA	
B.2.4-4 (2)	GRANIZO	
B.2.4-4 (3)	MUERTA TOTAL	
B.2.4-4 (3)	W PRESION	
B.2.4-4 (3)	VIVA	
B.2.4-4 (3)	EMPOZAMIENTO	
B.2.4-4 (4)	MUERTA TOTAL	
B.2.4-4 (4)	W SUCCION	
B.2.4-4 (4)	VIVA	
B.2.4-4 (4)	VIVACUB	
B.2.4-4 (5)	MUERTA TOTAL	
B.2.4-4 (5)	W SUCCION	
B.2.4-4 (5)	VIVA	
B.2.4-4 (5)	GRANIZO	
B.2.4-4 (6)	MUERTA TOTAL	
B.2.4-4 (6)	W SUCCION	
B.2.4-4 (6)	VIVA	
B.2.4-4 (6)	GRANIZO	
B.2.4-5 (1)	MUERTA TOTAL	
B.2.4-5 (1)	EX DISEÑO	
B.2.4-5 (1)	VIVA	
B.2.4-5 (2)	MUERTA TOTAL	
B.2.4-5 (2)	EY DISEÑO	
B.2.4-5 (2)	VIVA	
B.2.4-6 (1)	MUERTA TOTAL	
B.2.4-6 (1)	W PRESION	
B.2.4-6 (2)	MUERTA TOTAL	
B.2.4-6 (2)	W SUCCION	
B.2.4-7 (1)	MUERTA TOTAL	
B.2.4-7 (1)	EX DISEÑO	
B.2.4-7 (2)	MUERTA TOTAL	
B.2.4-7 (2)	EY DISEÑO	
SERVICIO	MUERTA TOTAL	
SERVICIO	VIVA	
ENVOLVENTE	B.2.4-1	
ENVOLVENTE	B.2.4-2	
ENVOLVENTE	B.2.4-3 (1)	
ENVOLVENTE	B.2.4-3 (2)	
ENVOLVENTE	B.2.4-3 (3)	
ENVOLVENTE	B.2.4-3 (4)	
ENVOLVENTE	B.2.4-3 (5)	
ENVOLVENTE	B.2.4-3 (6)	
ENVOLVENTE	B.2.4-3 (7)	

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Table: Combination Definitions, Part 3 of 3

ComboName	CaseName	Notes
ENVOLVENTE	B.2.4-3 (8)	
ENVOLVENTE	B.2.4-3 (9)	
ENVOLVENTE	B.2.4-4 (1)	
ENVOLVENTE	B.2.4-4 (2)	
ENVOLVENTE	B.2.4-4 (3)	
ENVOLVENTE	B.2.4-4 (4)	
ENVOLVENTE	B.2.4-4 (5)	
ENVOLVENTE	B.2.4-4 (6)	
ENVOLVENTE	B.2.4-5 (1)	
ENVOLVENTE	B.2.4-5 (2)	
ENVOLVENTE	B.2.4-6 (1)	
ENVOLVENTE	B.2.4-6 (2)	
ENVOLVENTE	B.2.4-7 (1)	
ENVOLVENTE	B.2.4-7 (2)	

Table: Function - Response Spectrum - From File, Part 1 of 2

Table: Function - Response Spectrum - From File, Part 1 of 2

Name	Period Sec	Accel	FuncDamp	HeaderLines	DataTypes
ESPECTRO	0.00000	1.350000	0.050000	0	Period vs Accel
ESPECTRO	0.010000	1.350000			
ESPECTRO	0.020000	1.350000			
ESPECTRO	0.030000	1.350000			
ESPECTRO	0.040000	1.350000			
ESPECTRO	0.050000	1.350000			
ESPECTRO	0.060000	1.350000			
ESPECTRO	0.070000	1.350000			
ESPECTRO	0.080000	1.350000			
ESPECTRO	0.090000	1.350000			
ESPECTRO	0.100000	1.350000			
ESPECTRO	0.110000	1.350000			
ESPECTRO	0.120000	1.350000			
ESPECTRO	0.130000	1.350000			
ESPECTRO	0.140000	1.350000			
ESPECTRO	0.150000	1.350000			
ESPECTRO	0.160000	1.350000			
ESPECTRO	0.170000	1.350000			
ESPECTRO	0.180000	1.350000			
ESPECTRO	0.190000	1.350000			
ESPECTRO	0.200000	1.350000			
ESPECTRO	0.210000	1.350000			
ESPECTRO	0.220000	1.350000			
ESPECTRO	0.230000	1.350000			
ESPECTRO	0.240000	1.350000			
ESPECTRO	0.250000	1.350000			
ESPECTRO	0.260000	1.350000			
ESPECTRO	0.270000	1.350000			
ESPECTRO	0.280000	1.350000			
ESPECTRO	0.290000	1.350000			

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Table: Function - Response Spectrum - From File, Part 1 of 2

Name	Period Sec	Accel	FuncDamp	HeaderLine s	Data Type
ESPECTRO	0.300000	1.350000			
ESPECTRO	0.310000	1.350000			
ESPECTRO	0.320000	1.350000			
ESPECTRO	0.330000	1.350000			
ESPECTRO	0.340000	1.350000			
ESPECTRO	0.350000	1.350000			
ESPECTRO	0.360000	1.350000			
ESPECTRO	0.370000	1.350000			
ESPECTRO	0.380000	1.350000			
ESPECTRO	0.390000	1.350000			
ESPECTRO	0.400000	1.350000			
ESPECTRO	0.410000	1.350000			
ESPECTRO	0.420000	1.350000			
ESPECTRO	0.430000	1.350000			
ESPECTRO	0.440000	1.350000			
ESPECTRO	0.450000	1.350000			
ESPECTRO	0.460000	1.350000			
ESPECTRO	0.470000	1.350000			
ESPECTRO	0.480000	1.350000			
ESPECTRO	0.490000	1.350000			
ESPECTRO	0.500000	1.350000			
ESPECTRO	0.510000	1.350000			
ESPECTRO	0.520000	1.350000			
ESPECTRO	0.530000	1.350000			
ESPECTRO	0.540000	1.350000			
ESPECTRO	0.550000	1.350000			
ESPECTRO	0.560000	1.350000			
ESPECTRO	0.570000	1.350000			
ESPECTRO	0.580000	1.350000			
ESPECTRO	0.590000	1.350000			
ESPECTRO	0.600000	1.350000			
ESPECTRO	0.610000	1.350000			
ESPECTRO	0.620000	1.350000			
ESPECTRO	0.630000	1.350000			
ESPECTRO	0.640000	1.350000			
ESPECTRO	0.650000	1.350000			
ESPECTRO	0.660000	1.350000			
ESPECTRO	0.670000	1.350000			
ESPECTRO	0.680000	1.350000			
ESPECTRO	0.690000	1.350000			
ESPECTRO	0.700000	1.350000			
ESPECTRO	0.710000	1.350000			
ESPECTRO	0.720000	1.350000			
ESPECTRO	0.730000	1.331500			
ESPECTRO	0.740000	1.313500			
ESPECTRO	0.750000	1.296000			
ESPECTRO	0.760000	1.278900			
ESPECTRO	0.770000	1.262300			
ESPECTRO	0.780000	1.246200			
ESPECTRO	0.790000	1.230400			
ESPECTRO	0.800000	1.215000			

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Table: Function - Response Spectrum - From File, Part 1 of 2

Name	Period Sec	Accel	FuncDamp	HeaderLine s	DataType
ESPECTRO	0.810000	1.200000			
ESPECTRO	0.820000	1.185400			
ESPECTRO	0.830000	1.171100			
ESPECTRO	0.840000	1.157100			
ESPECTRO	0.850000	1.143500			
ESPECTRO	0.860000	1.130200			
ESPECTRO	0.870000	1.117200			
ESPECTRO	0.880000	1.104500			
ESPECTRO	0.890000	1.092100			
ESPECTRO	0.900000	1.080000			
ESPECTRO	0.910000	1.068100			
ESPECTRO	0.920000	1.056500			
ESPECTRO	0.930000	1.045200			
ESPECTRO	0.940000	1.034000			
ESPECTRO	0.950000	1.023200			
ESPECTRO	0.960000	1.012500			
ESPECTRO	0.970000	1.002100			
ESPECTRO	0.980000	0.991800			
ESPECTRO	0.990000	0.981800			
ESPECTRO	1.000000	0.972000			
ESPECTRO	1.010000	0.962400			
ESPECTRO	1.020000	0.952900			
ESPECTRO	1.030000	0.943700			
ESPECTRO	1.040000	0.934600			
ESPECTRO	1.050000	0.925700			
ESPECTRO	1.060000	0.917000			
ESPECTRO	1.070000	0.908400			
ESPECTRO	1.080000	0.900000			
ESPECTRO	1.090000	0.891700			
ESPECTRO	1.100000	0.883600			
ESPECTRO	1.110000	0.875700			
ESPECTRO	1.120000	0.867900			
ESPECTRO	1.130000	0.860200			
ESPECTRO	1.140000	0.852600			
ESPECTRO	1.150000	0.845200			
ESPECTRO	1.160000	0.837900			
ESPECTRO	1.170000	0.830800			
ESPECTRO	1.180000	0.823700			
ESPECTRO	1.190000	0.816800			
ESPECTRO	1.200000	0.810000			
ESPECTRO	1.210000	0.803300			
ESPECTRO	1.220000	0.796700			
ESPECTRO	1.230000	0.790200			
ESPECTRO	1.240000	0.783900			
ESPECTRO	1.250000	0.777600			
ESPECTRO	1.260000	0.771400			
ESPECTRO	1.270000	0.765400			
ESPECTRO	1.280000	0.759400			
ESPECTRO	1.290000	0.753500			
ESPECTRO	1.300000	0.747700			
ESPECTRO	1.310000	0.742000			

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Table: Function - Response Spectrum - From File, Part 1 of 2

Name	Period Sec	Accel	FuncDamp	HeaderLines	DataType
ESPECTRO	1.320000	0.736400			
ESPECTRO	1.330000	0.730800			
ESPECTRO	1.340000	0.725400			
ESPECTRO	1.350000	0.720000			
ESPECTRO	1.360000	0.714700			
ESPECTRO	1.370000	0.709500			
ESPECTRO	1.380000	0.704300			
ESPECTRO	1.390000	0.699300			
ESPECTRO	1.400000	0.694300			
ESPECTRO	1.410000	0.689400			
ESPECTRO	1.420000	0.684500			
ESPECTRO	1.430000	0.679700			
ESPECTRO	1.440000	0.675000			
ESPECTRO	1.450000	0.670300			
ESPECTRO	1.460000	0.665800			
ESPECTRO	1.470000	0.661200			
ESPECTRO	1.480000	0.656800			
ESPECTRO	1.490000	0.652300			
ESPECTRO	1.500000	0.648000			
ESPECTRO	1.510000	0.643700			
ESPECTRO	1.520000	0.639500			
ESPECTRO	1.530000	0.635300			
ESPECTRO	1.540000	0.631200			
ESPECTRO	1.550000	0.627100			
ESPECTRO	1.560000	0.623100			
ESPECTRO	1.570000	0.619100			
ESPECTRO	1.580000	0.615200			
ESPECTRO	1.590000	0.611300			
ESPECTRO	1.600000	0.607500			
ESPECTRO	1.610000	0.603700			
ESPECTRO	1.620000	0.600000			
ESPECTRO	1.630000	0.596300			
ESPECTRO	1.640000	0.592700			
ESPECTRO	1.650000	0.589100			
ESPECTRO	1.660000	0.585500			
ESPECTRO	1.670000	0.582000			
ESPECTRO	1.680000	0.578600			
ESPECTRO	1.690000	0.575100			
ESPECTRO	1.700000	0.571800			
ESPECTRO	1.710000	0.568400			
ESPECTRO	1.720000	0.565100			
ESPECTRO	1.730000	0.561800			
ESPECTRO	1.740000	0.558600			
ESPECTRO	1.750000	0.555400			
ESPECTRO	1.760000	0.552300			
ESPECTRO	1.770000	0.549200			
ESPECTRO	1.780000	0.546100			
ESPECTRO	1.790000	0.543000			
ESPECTRO	1.800000	0.540000			
ESPECTRO	1.810000	0.537000			
ESPECTRO	1.820000	0.534100			

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Table: Function - Response Spectrum - From File, Part 1 of 2

Name	Period Sec	Accel	FuncDamp	HeaderLine s	Data Type
ESPECTRO	1.830000	0.531100			
ESPECTRO	1.840000	0.528300			
ESPECTRO	1.850000	0.525400			
ESPECTRO	1.860000	0.522600			
ESPECTRO	1.870000	0.519800			
ESPECTRO	1.880000	0.517000			
ESPECTRO	1.890000	0.514300			
ESPECTRO	1.900000	0.511600			
ESPECTRO	1.910000	0.508900			
ESPECTRO	1.920000	0.506300			
ESPECTRO	1.930000	0.503600			
ESPECTRO	1.940000	0.501000			
ESPECTRO	1.950000	0.498500			
ESPECTRO	1.960000	0.495900			
ESPECTRO	1.970000	0.493400			
ESPECTRO	1.980000	0.490900			
ESPECTRO	1.990000	0.488400			
ESPECTRO	2.000000	0.486000			
ESPECTRO	2.010000	0.483600			
ESPECTRO	2.020000	0.481200			
ESPECTRO	2.030000	0.478800			
ESPECTRO	2.040000	0.476500			
ESPECTRO	2.050000	0.474100			
ESPECTRO	2.060000	0.471800			
ESPECTRO	2.070000	0.469600			
ESPECTRO	2.080000	0.467300			
ESPECTRO	2.090000	0.465100			
ESPECTRO	2.100000	0.462900			
ESPECTRO	2.110000	0.460700			
ESPECTRO	2.120000	0.458500			
ESPECTRO	2.130000	0.456300			
ESPECTRO	2.140000	0.454200			
ESPECTRO	2.150000	0.452100			
ESPECTRO	2.160000	0.450000			
ESPECTRO	2.170000	0.447900			
ESPECTRO	2.180000	0.445900			
ESPECTRO	2.190000	0.443800			
ESPECTRO	2.200000	0.441800			
ESPECTRO	2.210000	0.439800			
ESPECTRO	2.220000	0.437800			
ESPECTRO	2.230000	0.435900			
ESPECTRO	2.240000	0.433900			
ESPECTRO	2.250000	0.432000			
ESPECTRO	2.260000	0.430100			
ESPECTRO	2.270000	0.428200			
ESPECTRO	2.280000	0.426300			
ESPECTRO	2.290000	0.424500			
ESPECTRO	2.300000	0.422600			
ESPECTRO	2.310000	0.420800			
ESPECTRO	2.320000	0.419000			
ESPECTRO	2.330000	0.417200			

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Table: Function - Response Spectrum - From File, Part 1 of 2

Name	Period Sec	Accel	FuncDamp	HeaderLine s	DataType
ESPECTRO	2.340000	0.415400			
ESPECTRO	2.350000	0.413600			
ESPECTRO	2.360000	0.411900			
ESPECTRO	2.370000	0.410100			
ESPECTRO	2.380000	0.408400			
ESPECTRO	2.390000	0.406700			
ESPECTRO	2.400000	0.405000			
ESPECTRO	2.410000	0.403300			
ESPECTRO	2.420000	0.401700			
ESPECTRO	2.430000	0.400000			
ESPECTRO	2.440000	0.398400			
ESPECTRO	2.450000	0.396700			
ESPECTRO	2.460000	0.395100			
ESPECTRO	2.470000	0.393500			
ESPECTRO	2.480000	0.391900			
ESPECTRO	2.490000	0.390400			
ESPECTRO	2.500000	0.388800			
ESPECTRO	2.510000	0.387300			
ESPECTRO	2.520000	0.385700			
ESPECTRO	2.530000	0.384200			
ESPECTRO	2.540000	0.382700			
ESPECTRO	2.550000	0.381200			
ESPECTRO	2.560000	0.379700			
ESPECTRO	2.570000	0.378200			
ESPECTRO	2.580000	0.376700			
ESPECTRO	2.590000	0.375300			
ESPECTRO	2.600000	0.373800			
ESPECTRO	2.610000	0.372400			
ESPECTRO	2.620000	0.371000			
ESPECTRO	2.630000	0.369600			
ESPECTRO	2.640000	0.368200			
ESPECTRO	2.650000	0.366800			
ESPECTRO	2.660000	0.365400			
ESPECTRO	2.670000	0.364000			
ESPECTRO	2.680000	0.362700			
ESPECTRO	2.690000	0.361300			
ESPECTRO	2.700000	0.360000			
ESPECTRO	2.710000	0.358700			
ESPECTRO	2.720000	0.357400			
ESPECTRO	2.730000	0.356000			
ESPECTRO	2.740000	0.354700			
ESPECTRO	2.750000	0.353500			
ESPECTRO	2.760000	0.352200			
ESPECTRO	2.770000	0.350900			
ESPECTRO	2.780000	0.349600			
ESPECTRO	2.790000	0.348400			
ESPECTRO	2.800000	0.347100			
ESPECTRO	2.810000	0.345900			
ESPECTRO	2.820000	0.344700			
ESPECTRO	2.830000	0.343500			
ESPECTRO	2.840000	0.342300			

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Name	Period Sec	Accel	FuncDamp	HeaderLines	DataTypes
ESPECTRO	2.850000	0.341100			
ESPECTRO	2.860000	0.339900			
ESPECTRO	2.870000	0.338700			
ESPECTRO	2.880000	0.337500			
ESPECTRO	2.890000	0.336300			
ESPECTRO	2.900000	0.335200			
ESPECTRO	2.910000	0.334000			
ESPECTRO	2.920000	0.332900			
ESPECTRO	2.930000	0.331700			
ESPECTRO	2.940000	0.330600			
ESPECTRO	2.950000	0.329500			
ESPECTRO	2.960000	0.328400			
ESPECTRO	2.970000	0.327300			
ESPECTRO	2.980000	0.326200			
ESPECTRO	2.990000	0.325100			
ESPECTRO	3.000000	0.324000			
ESPECTRO	3.010000	0.322900			
ESPECTRO	3.020000	0.321900			
ESPECTRO	3.030000	0.320800			
ESPECTRO	3.040000	0.319700			
ESPECTRO	3.050000	0.318700			
ESPECTRO	3.060000	0.317600			
ESPECTRO	3.070000	0.316600			
ESPECTRO	3.080000	0.315600			
ESPECTRO	3.090000	0.314600			
ESPECTRO	3.100000	0.313500			
ESPECTRO	3.110000	0.312500			
ESPECTRO	3.120000	0.311500			
ESPECTRO	3.130000	0.310500			
ESPECTRO	3.140000	0.309600			
ESPECTRO	3.150000	0.308600			
ESPECTRO	3.160000	0.307600			
ESPECTRO	3.170000	0.306600			
ESPECTRO	3.180000	0.305700			
ESPECTRO	3.190000	0.304700			
ESPECTRO	3.200000	0.303800			
ESPECTRO	3.210000	0.302800			
ESPECTRO	3.220000	0.301900			
ESPECTRO	3.230000	0.300900			
ESPECTRO	3.240000	0.300000			
ESPECTRO	3.250000	0.299100			
ESPECTRO	3.260000	0.298200			
ESPECTRO	3.270000	0.297200			
ESPECTRO	3.280000	0.296300			
ESPECTRO	3.290000	0.295400			
ESPECTRO	3.300000	0.294500			
ESPECTRO	3.310000	0.293700			
ESPECTRO	3.320000	0.292800			
ESPECTRO	3.330000	0.291900			
ESPECTRO	3.340000	0.291000			
ESPECTRO	3.350000	0.290100			

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Name	Period Sec	Accel	FuncDamp	HeaderLines	DataTypes
ESPECTRO	3.360000	0.289300			
ESPECTRO	3.370000	0.288400			
ESPECTRO	3.380000	0.287600			
ESPECTRO	3.390000	0.286700			
ESPECTRO	3.400000	0.285900			
ESPECTRO	3.410000	0.285000			
ESPECTRO	3.420000	0.284200			
ESPECTRO	3.430000	0.283400			
ESPECTRO	3.440000	0.282600			
ESPECTRO	3.450000	0.281700			
ESPECTRO	3.460000	0.280900			
ESPECTRO	3.470000	0.280100			
ESPECTRO	3.480000	0.279300			
ESPECTRO	3.490000	0.278500			
ESPECTRO	3.500000	0.277700			
ESPECTRO	3.510000	0.276900			
ESPECTRO	3.520000	0.276100			
ESPECTRO	3.530000	0.275400			
ESPECTRO	3.540000	0.274600			
ESPECTRO	3.550000	0.273800			
ESPECTRO	3.560000	0.273000			
ESPECTRO	3.570000	0.272300			
ESPECTRO	3.580000	0.271500			
ESPECTRO	3.590000	0.270800			
ESPECTRO	3.600000	0.270000			
ESPECTRO	3.610000	0.269300			
ESPECTRO	3.620000	0.268500			
ESPECTRO	3.630000	0.267800			
ESPECTRO	3.640000	0.267000			
ESPECTRO	3.650000	0.266300			
ESPECTRO	3.660000	0.265600			
ESPECTRO	3.670000	0.264900			
ESPECTRO	3.680000	0.264100			
ESPECTRO	3.690000	0.263400			
ESPECTRO	3.700000	0.262700			
ESPECTRO	3.710000	0.262000			
ESPECTRO	3.720000	0.261300			
ESPECTRO	3.730000	0.260600			
ESPECTRO	3.740000	0.259900			
ESPECTRO	3.750000	0.259200			
ESPECTRO	3.760000	0.258500			
ESPECTRO	3.770000	0.257800			
ESPECTRO	3.780000	0.257100			
ESPECTRO	3.790000	0.256500			
ESPECTRO	3.800000	0.255800			
ESPECTRO	3.810000	0.255100			
ESPECTRO	3.820000	0.254500			
ESPECTRO	3.830000	0.253800			
ESPECTRO	3.840000	0.253100			
ESPECTRO	3.850000	0.252500			
ESPECTRO	3.860000	0.251800			

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Name	Period Sec	Accel	FuncDamp	HeaderLine s	DataType
ESPECTRO	3.870000	0.251200			
ESPECTRO	3.880000	0.250500			
ESPECTRO	3.890000	0.249900			
ESPECTRO	3.900000	0.249200			
ESPECTRO	3.910000	0.248600			
ESPECTRO	3.920000	0.248000			
ESPECTRO	3.930000	0.247300			
ESPECTRO	3.940000	0.246700			
ESPECTRO	3.950000	0.246100			
ESPECTRO	3.960000	0.245500			
ESPECTRO	3.970000	0.244800			
ESPECTRO	3.980000	0.244200			
ESPECTRO	3.990000	0.243600			
ESPECTRO	4.000000	0.243000			
ESPECTRO	4.010000	0.242400			
ESPECTRO	4.020000	0.241800			
ESPECTRO	4.030000	0.241200			
ESPECTRO	4.040000	0.240600			
ESPECTRO	4.050000	0.240000			
ESPECTRO	4.060000	0.239400			
ESPECTRO	4.070000	0.238800			
ESPECTRO	4.080000	0.238200			
ESPECTRO	4.090000	0.237700			
ESPECTRO	4.100000	0.237100			
ESPECTRO	4.110000	0.236500			
ESPECTRO	4.120000	0.235900			
ESPECTRO	4.130000	0.235400			
ESPECTRO	4.140000	0.234800			
ESPECTRO	4.150000	0.234200			
ESPECTRO	4.160000	0.233700			
ESPECTRO	4.170000	0.233100			
ESPECTRO	4.180000	0.232500			
ESPECTRO	4.190000	0.232000			
ESPECTRO	4.200000	0.231400			
ESPECTRO	4.210000	0.230900			
ESPECTRO	4.220000	0.230300			
ESPECTRO	4.230000	0.229800			
ESPECTRO	4.240000	0.229200			
ESPECTRO	4.250000	0.228700			
ESPECTRO	4.260000	0.228200			
ESPECTRO	4.270000	0.227600			
ESPECTRO	4.280000	0.227100			
ESPECTRO	4.290000	0.226600			
ESPECTRO	4.300000	0.226000			
ESPECTRO	4.310000	0.225500			
ESPECTRO	4.320000	0.225000			
ESPECTRO	4.330000	0.224000			
ESPECTRO	4.340000	0.222900			
ESPECTRO	4.350000	0.221900			
ESPECTRO	4.360000	0.220900			
ESPECTRO	4.370000	0.219900			

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Name	Period Sec	Accel	FuncDamp	HeaderLines	DataType
ESPECTRO	4.380000	0.218900			
ESPECTRO	4.390000	0.217900			
ESPECTRO	4.400000	0.216900			
ESPECTRO	4.410000	0.215900			
ESPECTRO	4.420000	0.214900			
ESPECTRO	4.430000	0.214000			
ESPECTRO	4.440000	0.213000			
ESPECTRO	4.450000	0.212000			
ESPECTRO	4.460000	0.211100			
ESPECTRO	4.470000	0.210200			
ESPECTRO	4.480000	0.209200			
ESPECTRO	4.490000	0.208300			
ESPECTRO	4.500000	0.207400			
ESPECTRO	4.510000	0.206400			
ESPECTRO	4.520000	0.205500			
ESPECTRO	4.530000	0.204600			
ESPECTRO	4.540000	0.203700			
ESPECTRO	4.550000	0.202800			
ESPECTRO	4.560000	0.201900			
ESPECTRO	4.570000	0.201100			
ESPECTRO	4.580000	0.200200			
ESPECTRO	4.590000	0.199300			
ESPECTRO	4.600000	0.198400			
ESPECTRO	4.610000	0.197600			
ESPECTRO	4.620000	0.196700			
ESPECTRO	4.630000	0.195900			
ESPECTRO	4.640000	0.195000			
ESPECTRO	4.650000	0.194200			
ESPECTRO	4.660000	0.193400			
ESPECTRO	4.670000	0.192500			
ESPECTRO	4.680000	0.191700			
ESPECTRO	4.690000	0.190900			
ESPECTRO	4.700000	0.190100			
ESPECTRO	4.710000	0.189300			
ESPECTRO	4.720000	0.188500			
ESPECTRO	4.730000	0.187700			
ESPECTRO	4.740000	0.186900			
ESPECTRO	4.750000	0.186100			
ESPECTRO	4.760000	0.185300			
ESPECTRO	4.770000	0.184500			
ESPECTRO	4.780000	0.183800			
ESPECTRO	4.790000	0.183000			
ESPECTRO	4.800000	0.182300			
ESPECTRO	4.810000	0.181500			
ESPECTRO	4.820000	0.180700			
ESPECTRO	4.830000	0.180000			
ESPECTRO	4.840000	0.179300			
ESPECTRO	4.850000	0.178500			
ESPECTRO	4.860000	0.177800			
ESPECTRO	4.870000	0.177000			
ESPECTRO	4.880000	0.176300			

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Name	Period Sec	Accel	FuncDamp	HeaderLines	DataTypes
ESPECTRO	4.890000	0.175600			
ESPECTRO	4.900000	0.174900			
ESPECTRO	4.910000	0.174200			
ESPECTRO	4.920000	0.173500			
ESPECTRO	4.930000	0.172800			
ESPECTRO	4.940000	0.172100			
ESPECTRO	4.950000	0.171400			
ESPECTRO	4.960000	0.170700			
ESPECTRO	4.970000	0.170000			
ESPECTRO	4.980000	0.169300			
ESPECTRO	4.990000	0.168600			
ESPECTRO	5.000000	0.168000			
ESPECTRO	5.010000	0.167300			
ESPECTRO	5.020000	0.166600			
ESPECTRO	5.030000	0.166000			
ESPECTRO	5.040000	0.165300			
ESPECTRO	5.050000	0.164700			
ESPECTRO	5.060000	0.164000			
ESPECTRO	5.070000	0.163400			
ESPECTRO	5.080000	0.162700			
ESPECTRO	5.090000	0.162100			
ESPECTRO	5.100000	0.161400			
ESPECTRO	5.110000	0.160800			
ESPECTRO	5.120000	0.160200			
ESPECTRO	5.130000	0.159600			
ESPECTRO	5.140000	0.158900			
ESPECTRO	5.150000	0.158300			
ESPECTRO	5.160000	0.157700			
ESPECTRO	5.170000	0.157100			
ESPECTRO	5.180000	0.156500			
ESPECTRO	5.190000	0.155900			
ESPECTRO	5.200000	0.155300			
ESPECTRO	5.210000	0.154700			
ESPECTRO	5.220000	0.154100			
ESPECTRO	5.230000	0.153500			
ESPECTRO	5.240000	0.152900			
ESPECTRO	5.250000	0.152300			
ESPECTRO	5.260000	0.151800			
ESPECTRO	5.270000	0.151200			
ESPECTRO	5.280000	0.150600			
ESPECTRO	5.290000	0.150100			
ESPECTRO	5.300000	0.149500			
ESPECTRO	5.310000	0.148900			
ESPECTRO	5.320000	0.148400			
ESPECTRO	5.330000	0.147800			
ESPECTRO	5.340000	0.147300			
ESPECTRO	5.350000	0.146700			
ESPECTRO	5.360000	0.146200			
ESPECTRO	5.370000	0.145600			
ESPECTRO	5.380000	0.145100			
ESPECTRO	5.390000	0.144500			

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Name	Period Sec	Accel	FuncDamp	HeaderLines	DataTypes
ESPECTRO	5.400000	0.144000			
ESPECTRO	5.410000	0.143500			
ESPECTRO	5.420000	0.142900			
ESPECTRO	5.430000	0.142400			
ESPECTRO	5.440000	0.141900			
ESPECTRO	5.450000	0.141400			
ESPECTRO	5.460000	0.140900			
ESPECTRO	5.470000	0.140300			
ESPECTRO	5.480000	0.139800			
ESPECTRO	5.490000	0.139300			
ESPECTRO	5.500000	0.138800			
ESPECTRO	5.510000	0.138300			
ESPECTRO	5.520000	0.137800			
ESPECTRO	5.530000	0.137300			
ESPECTRO	5.540000	0.136800			
ESPECTRO	5.550000	0.136300			
ESPECTRO	5.560000	0.135800			
ESPECTRO	5.570000	0.135300			
ESPECTRO	5.580000	0.134900			
ESPECTRO	5.590000	0.134400			
ESPECTRO	5.600000	0.133900			
ESPECTRO	5.610000	0.133400			
ESPECTRO	5.620000	0.132900			
ESPECTRO	5.630000	0.132500			
ESPECTRO	5.640000	0.132000			
ESPECTRO	5.650000	0.131500			
ESPECTRO	5.660000	0.131100			
ESPECTRO	5.670000	0.130600			
ESPECTRO	5.680000	0.130200			
ESPECTRO	5.690000	0.129700			
ESPECTRO	5.700000	0.129200			
ESPECTRO	5.710000	0.128800			
ESPECTRO	5.720000	0.128300			
ESPECTRO	5.730000	0.127900			
ESPECTRO	5.740000	0.127400			
ESPECTRO	5.750000	0.127000			
ESPECTRO	5.760000	0.126600			
ESPECTRO	5.770000	0.126100			
ESPECTRO	5.780000	0.125700			
ESPECTRO	5.790000	0.125300			
ESPECTRO	5.800000	0.124800			
ESPECTRO	5.810000	0.124400			
ESPECTRO	5.820000	0.124000			
ESPECTRO	5.830000	0.123500			
ESPECTRO	5.840000	0.123100			
ESPECTRO	5.850000	0.122700			
ESPECTRO	5.860000	0.122300			
ESPECTRO	5.870000	0.121900			
ESPECTRO	5.880000	0.121400			
ESPECTRO	5.890000	0.121000			
ESPECTRO	5.900000	0.120600			

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Name	Period Sec	Accel	FuncDamp	HeaderLines	DataTypes
ESPECTRO	5.910000	0.120200			
ESPECTRO	5.920000	0.119800			
ESPECTRO	5.930000	0.119400			
ESPECTRO	5.940000	0.119000			
ESPECTRO	5.950000	0.118600			
ESPECTRO	5.960000	0.118200			
ESPECTRO	5.970000	0.117800			
ESPECTRO	5.980000	0.117400			
ESPECTRO	5.990000	0.117000			
ESPECTRO	6.000000	0.116600			
ESPECTRO	6.010000	0.116300			
ESPECTRO	6.020000	0.115900			
ESPECTRO	6.030000	0.115500			
ESPECTRO	6.040000	0.115100			
ESPECTRO	6.050000	0.114700			
ESPECTRO	6.060000	0.114300			
ESPECTRO	6.070000	0.114000			
ESPECTRO	6.080000	0.113600			
ESPECTRO	6.090000	0.113200			
ESPECTRO	6.100000	0.112800			
ESPECTRO	6.110000	0.112500			
ESPECTRO	6.120000	0.112100			
ESPECTRO	6.130000	0.111700			
ESPECTRO	6.140000	0.111400			
ESPECTRO	6.150000	0.111000			
ESPECTRO	6.160000	0.110700			
ESPECTRO	6.170000	0.110300			
ESPECTRO	6.180000	0.109900			
ESPECTRO	6.190000	0.109600			
ESPECTRO	6.200000	0.109200			
ESPECTRO	6.210000	0.108900			
ESPECTRO	6.220000	0.108500			
ESPECTRO	6.230000	0.108200			
ESPECTRO	6.240000	0.107800			
ESPECTRO	6.250000	0.107500			
ESPECTRO	6.260000	0.107200			
ESPECTRO	6.270000	0.106800			
ESPECTRO	6.280000	0.106500			
ESPECTRO	6.290000	0.106100			
ESPECTRO	6.300000	0.105800			
ESPECTRO	6.310000	0.105500			
ESPECTRO	6.320000	0.105100			
ESPECTRO	6.330000	0.104800			
ESPECTRO	6.340000	0.104500			
ESPECTRO	6.350000	0.104100			
ESPECTRO	6.360000	0.103800			
ESPECTRO	6.370000	0.103500			
ESPECTRO	6.380000	0.103200			
ESPECTRO	6.390000	0.102800			
ESPECTRO	6.400000	0.102500			
ESPECTRO	6.410000	0.102200			

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Name	Period Sec	Accel	FuncDamp	HeaderLine s	DataType
ESPECTRO	6.420000	0.101900			
ESPECTRO	6.430000	0.101600			
ESPECTRO	6.440000	0.101200			
ESPECTRO	6.450000	0.100900			
ESPECTRO	6.460000	0.100600			
ESPECTRO	6.470000	0.100300			
ESPECTRO	6.480000	0.100000			
ESPECTRO	6.490000	0.099700			
ESPECTRO	6.500000	0.099400			
ESPECTRO	6.510000	0.099100			
ESPECTRO	6.520000	0.098800			
ESPECTRO	6.530000	0.098500			
ESPECTRO	6.540000	0.098200			
ESPECTRO	6.550000	0.097900			
ESPECTRO	6.560000	0.097600			
ESPECTRO	6.570000	0.097300			
ESPECTRO	6.580000	0.097000			
ESPECTRO	6.590000	0.096700			
ESPECTRO	6.600000	0.096400			
ESPECTRO	6.610000	0.096100			
ESPECTRO	6.620000	0.095800			
ESPECTRO	6.630000	0.095500			
ESPECTRO	6.640000	0.095200			
ESPECTRO	6.650000	0.095000			
ESPECTRO	6.660000	0.094700			
ESPECTRO	6.670000	0.094400			
ESPECTRO	6.680000	0.094100			
ESPECTRO	6.690000	0.093800			
ESPECTRO	6.700000	0.093500			
ESPECTRO	6.710000	0.093300			
ESPECTRO	6.720000	0.093000			
ESPECTRO	6.730000	0.092700			
ESPECTRO	6.740000	0.092400			
ESPECTRO	6.750000	0.092200			
ESPECTRO	6.760000	0.091900			
ESPECTRO	6.770000	0.091600			
ESPECTRO	6.780000	0.091300			
ESPECTRO	6.790000	0.091100			
ESPECTRO	6.800000	0.090800			
ESPECTRO	6.810000	0.090500			
ESPECTRO	6.820000	0.090300			
ESPECTRO	6.830000	0.090000			
ESPECTRO	6.840000	0.089800			
ESPECTRO	6.850000	0.089500			
ESPECTRO	6.860000	0.089200			
ESPECTRO	6.870000	0.089000			
ESPECTRO	6.880000	0.088700			
ESPECTRO	6.890000	0.088500			
ESPECTRO	6.900000	0.088200			
ESPECTRO	6.910000	0.087900			
ESPECTRO	6.920000	0.087700			

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Table: Function - Response Spectrum - From File, Part 1 of 2

Name	Period Sec	Accel	FuncDamp	HeaderLines	DataTypes
ESPECTRO	6.930000	0.087400			
ESPECTRO	6.940000	0.087200			
ESPECTRO	6.950000	0.086900			
ESPECTRO	6.960000	0.086700			
ESPECTRO	6.970000	0.086400			
ESPECTRO	6.980000	0.086200			
ESPECTRO	6.990000	0.085900			
ESPECTRO	7.000000	0.085700			
ESPECTRO	7.010000	0.085500			
ESPECTRO	7.020000	0.085200			
ESPECTRO	7.030000	0.085000			
ESPECTRO	7.040000	0.084700			
ESPECTRO	7.050000	0.084500			
ESPECTRO	7.060000	0.084200			
ESPECTRO	7.070000	0.084000			
ESPECTRO	7.080000	0.083800			
ESPECTRO	7.090000	0.083500			
ESPECTRO	7.100000	0.083300			
ESPECTRO	7.110000	0.083100			
ESPECTRO	7.120000	0.082800			
ESPECTRO	7.130000	0.082600			
ESPECTRO	7.140000	0.082400			
ESPECTRO	7.150000	0.082100			
ESPECTRO	7.160000	0.081900			
ESPECTRO	7.170000	0.081700			
ESPECTRO	7.180000	0.081500			
ESPECTRO	7.190000	0.081200			
ESPECTRO	7.200000	0.081000			
ESPECTRO	7.210000	0.080800			
ESPECTRO	7.220000	0.080600			
ESPECTRO	7.230000	0.080300			
ESPECTRO	7.240000	0.080100			
ESPECTRO	7.250000	0.079900			
ESPECTRO	7.260000	0.079700			
ESPECTRO	7.270000	0.079400			
ESPECTRO	7.280000	0.079200			
ESPECTRO	7.290000	0.079000			
ESPECTRO	7.300000	0.078800			
ESPECTRO	7.310000	0.078600			
ESPECTRO	7.320000	0.078400			
ESPECTRO	7.330000	0.078200			
ESPECTRO	7.340000	0.077900			
ESPECTRO	7.350000	0.077700			
ESPECTRO	7.360000	0.077500			
ESPECTRO	7.370000	0.077300			
ESPECTRO	7.380000	0.077100			
ESPECTRO	7.390000	0.076900			
ESPECTRO	7.400000	0.076700			
ESPECTRO	7.410000	0.076500			
ESPECTRO	7.420000	0.076300			
ESPECTRO	7.430000	0.076100			

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Name	Period Sec	Accel	FuncDamp	HeaderLines	DataType
ESPECTRO	7.440000	0.075900			
ESPECTRO	7.450000	0.075700			
ESPECTRO	7.460000	0.075500			
ESPECTRO	7.470000	0.075300			
ESPECTRO	7.480000	0.075000			
ESPECTRO	7.490000	0.074800			
ESPECTRO	7.500000	0.074600			
ESPECTRO	7.510000	0.074500			
ESPECTRO	7.520000	0.074300			
ESPECTRO	7.530000	0.074100			
ESPECTRO	7.540000	0.073900			
ESPECTRO	7.550000	0.073700			
ESPECTRO	7.560000	0.073500			
ESPECTRO	7.570000	0.073300			
ESPECTRO	7.580000	0.073100			
ESPECTRO	7.590000	0.072900			
ESPECTRO	7.600000	0.072700			
ESPECTRO	7.610000	0.072500			
ESPECTRO	7.620000	0.072300			
ESPECTRO	7.630000	0.072100			
ESPECTRO	7.640000	0.071900			
ESPECTRO	7.650000	0.071800			
ESPECTRO	7.660000	0.071600			
ESPECTRO	7.670000	0.071400			
ESPECTRO	7.680000	0.071200			
ESPECTRO	7.690000	0.071000			
ESPECTRO	7.700000	0.070800			
ESPECTRO	7.710000	0.070600			
ESPECTRO	7.720000	0.070500			
ESPECTRO	7.730000	0.070300			
ESPECTRO	7.740000	0.070100			
ESPECTRO	7.750000	0.069900			
ESPECTRO	7.760000	0.069700			
ESPECTRO	7.770000	0.069600			
ESPECTRO	7.780000	0.069400			
ESPECTRO	7.790000	0.069200			
ESPECTRO	7.800000	0.069000			
ESPECTRO	7.810000	0.068800			
ESPECTRO	7.820000	0.068700			
ESPECTRO	7.830000	0.068500			
ESPECTRO	7.840000	0.068300			
ESPECTRO	7.850000	0.068100			
ESPECTRO	7.860000	0.068000			
ESPECTRO	7.870000	0.067800			
ESPECTRO	7.880000	0.067600			
ESPECTRO	7.890000	0.067500			
ESPECTRO	7.900000	0.067300			
ESPECTRO	7.910000	0.067100			
ESPECTRO	7.920000	0.066900			
ESPECTRO	7.930000	0.066800			
ESPECTRO	7.940000	0.066600			

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Name	Period Sec	Accel	FuncDamp	HeaderLines	DataType
ESPECTRO	7.950000	0.066400			
ESPECTRO	7.960000	0.066300			
ESPECTRO	7.970000	0.066100			
ESPECTRO	7.980000	0.065900			
ESPECTRO	7.990000	0.065800			
ESPECTRO	8.000000	0.065600			
ESPECTRO	8.010000	0.065400			
ESPECTRO	8.020000	0.065300			
ESPECTRO	8.030000	0.065100			
ESPECTRO	8.040000	0.065000			
ESPECTRO	8.050000	0.064800			
ESPECTRO	8.060000	0.064600			
ESPECTRO	8.070000	0.064500			
ESPECTRO	8.080000	0.064300			
ESPECTRO	8.090000	0.064200			
ESPECTRO	8.100000	0.064000			
ESPECTRO	8.110000	0.063800			
ESPECTRO	8.120000	0.063700			
ESPECTRO	8.130000	0.063500			
ESPECTRO	8.140000	0.063400			
ESPECTRO	8.150000	0.063200			
ESPECTRO	8.160000	0.063100			
ESPECTRO	8.170000	0.062900			
ESPECTRO	8.180000	0.062800			
ESPECTRO	8.190000	0.062600			
ESPECTRO	8.200000	0.062400			
ESPECTRO	8.210000	0.062300			
ESPECTRO	8.220000	0.062100			
ESPECTRO	8.230000	0.062000			
ESPECTRO	8.240000	0.061800			
ESPECTRO	8.250000	0.061700			
ESPECTRO	8.260000	0.061500			
ESPECTRO	8.270000	0.061400			
ESPECTRO	8.280000	0.061200			
ESPECTRO	8.290000	0.061100			
ESPECTRO	8.300000	0.061000			
ESPECTRO	8.310000	0.060800			
ESPECTRO	8.320000	0.060700			
ESPECTRO	8.330000	0.060500			
ESPECTRO	8.340000	0.060400			
ESPECTRO	8.350000	0.060200			
ESPECTRO	8.360000	0.060100			
ESPECTRO	8.370000	0.059900			
ESPECTRO	8.380000	0.059800			
ESPECTRO	8.390000	0.059700			
ESPECTRO	8.400000	0.059500			
ESPECTRO	8.410000	0.059400			
ESPECTRO	8.420000	0.059200			
ESPECTRO	8.430000	0.059100			
ESPECTRO	8.440000	0.058900			
ESPECTRO	8.450000	0.058800			

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Table: Function - Response Spectrum - From File, Part 1 of 2

Name	Period Sec	Accel	FuncDamp	HeaderLines	DataTypes
ESPECTRO	8.460000	0.058700			
ESPECTRO	8.470000	0.058500			
ESPECTRO	8.480000	0.058400			
ESPECTRO	8.490000	0.058300			
ESPECTRO	8.500000	0.058100			
ESPECTRO	8.510000	0.058000			
ESPECTRO	8.520000	0.057800			
ESPECTRO	8.530000	0.057700			
ESPECTRO	8.540000	0.057600			
ESPECTRO	8.550000	0.057400			
ESPECTRO	8.560000	0.057300			
ESPECTRO	8.570000	0.057200			
ESPECTRO	8.580000	0.057000			
ESPECTRO	8.590000	0.056900			
ESPECTRO	8.600000	0.056800			
ESPECTRO	8.610000	0.056600			
ESPECTRO	8.620000	0.056500			
ESPECTRO	8.630000	0.056400			
ESPECTRO	8.640000	0.056300			
ESPECTRO	8.650000	0.056100			
ESPECTRO	8.660000	0.056000			
ESPECTRO	8.670000	0.055900			
ESPECTRO	8.680000	0.055700			
ESPECTRO	8.690000	0.055600			
ESPECTRO	8.700000	0.055500			
ESPECTRO	8.710000	0.055300			
ESPECTRO	8.720000	0.055200			
ESPECTRO	8.730000	0.055100			
ESPECTRO	8.740000	0.055000			
ESPECTRO	8.750000	0.054800			
ESPECTRO	8.760000	0.054700			
ESPECTRO	8.770000	0.054600			
ESPECTRO	8.780000	0.054500			
ESPECTRO	8.790000	0.054300			
ESPECTRO	8.800000	0.054200			
ESPECTRO	8.810000	0.054100			
ESPECTRO	8.820000	0.054000			
ESPECTRO	8.830000	0.053900			
ESPECTRO	8.840000	0.053700			
ESPECTRO	8.850000	0.053600			
ESPECTRO	8.860000	0.053500			
ESPECTRO	8.870000	0.053400			
ESPECTRO	8.880000	0.053300			
ESPECTRO	8.890000	0.053100			
ESPECTRO	8.900000	0.053000			
ESPECTRO	8.910000	0.052900			
ESPECTRO	8.920000	0.052800			
ESPECTRO	8.930000	0.052700			
ESPECTRO	8.940000	0.052500			
ESPECTRO	8.950000	0.052400			
ESPECTRO	8.960000	0.052300			

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Table: Function - Response Spectrum - From File, Part 1 of 2

Name	Period Sec	Accel	FuncDamp	HeaderLines	DataTypes
ESPECTRO	8.970000	0.052200			
ESPECTRO	8.980000	0.052100			
ESPECTRO	8.990000	0.052000			
ESPECTRO	9.000000	0.051800			
ESPECTRO	9.010000	0.051700			
ESPECTRO	9.020000	0.051600			
ESPECTRO	9.030000	0.051500			
ESPECTRO	9.040000	0.051400			
ESPECTRO	9.050000	0.051300			
ESPECTRO	9.060000	0.051200			
ESPECTRO	9.070000	0.051000			
ESPECTRO	9.080000	0.050900			
ESPECTRO	9.090000	0.050800			
ESPECTRO	9.100000	0.050700			
ESPECTRO	9.110000	0.050600			
ESPECTRO	9.120000	0.050500			
ESPECTRO	9.130000	0.050400			
ESPECTRO	9.140000	0.050300			
ESPECTRO	9.150000	0.050200			
ESPECTRO	9.160000	0.050000			
ESPECTRO	9.170000	0.049900			
ESPECTRO	9.180000	0.049800			
ESPECTRO	9.190000	0.049700			
ESPECTRO	9.200000	0.049600			
ESPECTRO	9.210000	0.049500			
ESPECTRO	9.220000	0.049400			
ESPECTRO	9.230000	0.049300			
ESPECTRO	9.240000	0.049200			
ESPECTRO	9.250000	0.049100			
ESPECTRO	9.260000	0.049000			
ESPECTRO	9.270000	0.048900			
ESPECTRO	9.280000	0.048800			
ESPECTRO	9.290000	0.048700			
ESPECTRO	9.300000	0.048500			
ESPECTRO	9.310000	0.048400			
ESPECTRO	9.320000	0.048300			
ESPECTRO	9.330000	0.048200			
ESPECTRO	9.340000	0.048100			
ESPECTRO	9.350000	0.048000			
ESPECTRO	9.360000	0.047900			
ESPECTRO	9.370000	0.047800			
ESPECTRO	9.380000	0.047700			
ESPECTRO	9.390000	0.047600			
ESPECTRO	9.400000	0.047500			
ESPECTRO	9.410000	0.047400			
ESPECTRO	9.420000	0.047300			
ESPECTRO	9.430000	0.047200			
ESPECTRO	9.440000	0.047100			
ESPECTRO	9.450000	0.047000			
ESPECTRO	9.460000	0.046900			
ESPECTRO	9.470000	0.046800			

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Table: Function - Response Spectrum - From File, Part 1 of 2

Name	Period Sec	Accel	FuncDamp	HeaderLines	DataTypes
ESPECTRO	9.480000	0.046700			
ESPECTRO	9.490000	0.046600			
ESPECTRO	9.500000	0.046500			
ESPECTRO	9.510000	0.046400			
ESPECTRO	9.520000	0.046300			
ESPECTRO	9.530000	0.046200			
ESPECTRO	9.540000	0.046100			
ESPECTRO	9.550000	0.046000			
ESPECTRO	9.560000	0.045900			
ESPECTRO	9.570000	0.045800			
ESPECTRO	9.580000	0.045800			
ESPECTRO	9.590000	0.045700			
ESPECTRO	9.600000	0.045600			
ESPECTRO	9.610000	0.045500			
ESPECTRO	9.620000	0.045400			
ESPECTRO	9.630000	0.045300			
ESPECTRO	9.640000	0.045200			
ESPECTRO	9.650000	0.045100			
ESPECTRO	9.660000	0.045000			
ESPECTRO	9.670000	0.044900			
ESPECTRO	9.680000	0.044800			
ESPECTRO	9.690000	0.044700			
ESPECTRO	9.700000	0.044600			
ESPECTRO	9.710000	0.044500			
ESPECTRO	9.720000	0.044400			
ESPECTRO	9.730000	0.044400			
ESPECTRO	9.740000	0.044300			
ESPECTRO	9.750000	0.044200			
ESPECTRO	9.760000	0.044100			
ESPECTRO	9.770000	0.044000			
ESPECTRO	9.780000	0.043900			
ESPECTRO	9.790000	0.043800			
ESPECTRO	9.800000	0.043700			
ESPECTRO	9.810000	0.043600			
ESPECTRO	9.820000	0.043500			
ESPECTRO	9.830000	0.043500			
ESPECTRO	9.840000	0.043400			
ESPECTRO	9.850000	0.043300			
ESPECTRO	9.860000	0.043200			
ESPECTRO	9.870000	0.043100			
ESPECTRO	9.880000	0.043000			
ESPECTRO	9.890000	0.042900			
ESPECTRO	9.900000	0.042800			
ESPECTRO	9.910000	0.042800			
ESPECTRO	9.920000	0.042700			
ESPECTRO	9.930000	0.042600			
ESPECTRO	9.940000	0.042500			
ESPECTRO	9.950000	0.042400			
ESPECTRO	9.960000	0.042300			
ESPECTRO	9.970000	0.042200			
ESPECTRO	9.980000	0.042200			

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Name	Period Sec	Accel	FuncDamp	HeaderLines	DataType
ESPECTRO	9.990000	0.042100			
ESPECTRO	10.000000	0.042000			

Table: Joint Pattern Assignments

Table: Joint Pattern Assignments

Joint	Pattern	Value
344	PHidrostatica	24.000000
345	PHidrostatica	24.000000
346	PHidrostatica	24.000000
347	PHidrostatica	24.000000
348	PHidrostatica	24.000000
349	PHidrostatica	24.000000
350	PHidrostatica	24.000000
351	PHidrostatica	24.000000
352	PHidrostatica	24.000000
353	PHidrostatica	24.000000
354	PHidrostatica	24.000000
66	PHidrostatica	16.760000
208	PHidrostatica	10.002667
1792	PHidrostatica	16.760000
1793	PHidrostatica	10.002667
1794	PHidrostatica	16.760000
1795	PHidrostatica	16.760000
1796	PHidrostatica	16.760000
1797	PHidrostatica	16.760000
1798	PHidrostatica	16.760000
1799	PHidrostatica	16.760000
1800	PHidrostatica	16.760000
1801	PHidrostatica	16.760000
1802	PHidrostatica	16.760000
1803	PHidrostatica	10.002667
1804	PHidrostatica	10.002667
1805	PHidrostatica	10.002667
1806	PHidrostatica	10.002667
1807	PHidrostatica	10.002667
1808	PHidrostatica	10.002667
1809	PHidrostatica	10.002667
1810	PHidrostatica	10.002667
1811	PHidrostatica	10.002667

Table: Joint Pattern Definitions

Table: Joint
Pattern Definitions

Pattern
PHidrostatica

Table: Joint Restraint Assignments

Table: Joint Restraint Assignments

Joint	U1	U2	U3	R1	R2	R3
1765	Yes	Yes	Yes	No	No	No
1766	Yes	Yes	Yes	No	No	No
1767	Yes	Yes	Yes	No	No	No
1768	Yes	Yes	Yes	No	No	No
1769	Yes	Yes	Yes	No	No	No
1770	Yes	Yes	Yes	No	No	No
1771	Yes	Yes	Yes	No	No	No
1772	Yes	Yes	Yes	No	No	No

Table: Joint Spring Assignments 1 - Uncoupled

Table: Joint Spring Assignments 1 - Uncoupled

Joint	CoordSys	U1	U2	U3	R1	R2	R3
		KN/m	KN/m	KN/m	KN-m/rad	KN-m/rad	KN-m/rad
62	Local	33333.33	33333.33	0.00	0.0000	0.0000	0.0000
325	Local	33333.33	33333.33	0.00	0.0000	0.0000	0.0000
343	Local	33333.33	33333.33	0.00	0.0000	0.0000	0.0000
450	Local	33333.33	33333.33	0.00	0.0000	0.0000	0.0000
532	Local	33333.33	33333.33	0.00	0.0000	0.0000	0.0000
559	Local	33333.33	33333.33	0.00	0.0000	0.0000	0.0000
682	Local	33333.33	33333.33	0.00	0.0000	0.0000	0.0000
1695	Local	33333.33	33333.33	0.00	0.0000	0.0000	0.0000
1765	Local	33333.33	33333.33	0.00	0.0000	0.0000	0.0000
1766	Local	33333.33	33333.33	0.00	0.0000	0.0000	0.0000
1767	Local	33333.33	33333.33	0.00	0.0000	0.0000	0.0000
1768	Local	33333.33	33333.33	0.00	0.0000	0.0000	0.0000
1769	Local	33333.33	33333.33	0.00	0.0000	0.0000	0.0000
1770	Local	33333.33	33333.33	0.00	0.0000	0.0000	0.0000
1771	Local	33333.33	33333.33	0.00	0.0000	0.0000	0.0000
1772	Local	33333.33	33333.33	0.00	0.0000	0.0000	0.0000
1773	Local	33333.33	33333.33	0.00	0.0000	0.0000	0.0000
1774	Local	33333.33	33333.33	0.00	0.0000	0.0000	0.0000
1775	Local	33333.33	33333.33	0.00	0.0000	0.0000	0.0000
1776	Local	33333.33	33333.33	0.00	0.0000	0.0000	0.0000
1777	Local	33333.33	33333.33	0.00	0.0000	0.0000	0.0000
1778	Local	33333.33	33333.33	0.00	0.0000	0.0000	0.0000
1779	Local	33333.33	33333.33	0.00	0.0000	0.0000	0.0000
1780	Local	33333.33	33333.33	0.00	0.0000	0.0000	0.0000
1781	Local	33333.33	33333.33	0.00	0.0000	0.0000	0.0000
1782	Local	33333.33	33333.33	0.00	0.0000	0.0000	0.0000
1783	Local	33333.33	33333.33	0.00	0.0000	0.0000	0.0000
1784	Local	33333.33	33333.33	0.00	0.0000	0.0000	0.0000
1785	Local	33333.33	33333.33	0.00	0.0000	0.0000	0.0000
1786	Local	33333.33	33333.33	0.00	0.0000	0.0000	0.0000
1787	Local	33333.33	33333.33	0.00	0.0000	0.0000	0.0000
1788	Local	33333.33	33333.33	0.00	0.0000	0.0000	0.0000

Table: Load Case Definitions, Part 1 of 2

Table: Load Case Definitions, Part 1 of 2

Case	Type	InitialCond	ModalCase	BaseCase	DesTypeOpt	DesignType	AutoType
DEAD	LinStatic	Zero			Prog Det	DEAD	None
MODAL	LinModal	Zero			Prog Det	OTHER	None
MUERTA	LinStatic	Zero			Prog Det	DEAD	None
VIVA	LinStatic	Zero			Prog Det	LIVE	None
VIVACUB	LinStatic	Zero			Prog Det	ROOF LIVE	None
VIENTO	LinStatic	Zero			Prog Det	WIND	None
SISMOX	LinRespSpec		MODAL		Prog Det	QUAKE	None
SISMOY	LinRespSpec		MODAL		Prog Det	QUAKE	None
GRANIZO	LinStatic	Zero			Prog Det	OTHER	None
EMPOZAMI ENTO	LinStatic	Zero			Prog Det	OTHER	None
FLUIDO	LinStatic	Zero			Prog Det	OTHER	None
SISMOXFHE	LinStatic	Zero			Prog Det	QUAKE	None
SISMOYFHE	LinStatic	Zero			Prog Det	QUAKE	None

Table: Load Case Definitions, Part 2 of 2

Table: Load Case Definitions, Part 2 of 2

Case	RunCase	CaseStatus	GUID	Notes
DEAD	Yes	Finished		
MODAL	Yes	Finished		
MUERTA	Yes	Finished		
VIVA	Yes	Finished		
VIVACUB	Yes	Finished		
VIENTO	Yes	Finished		
SISMOX	Yes	Finished		
SISMOY	Yes	Finished		
GRANIZO	Yes	Finished		
EMPOZAMI ENTO	Yes	Finished		
FLUIDO	Yes	Finished		
SISMOXFHE	Yes	Finished		
SISMOYFHE	Yes	Finished		

Table: Load Pattern Definitions

Table: Load Pattern Definitions

LoadPat	DesignType	SelfWtMult	AutoLoad	GUID	Notes
DEAD	DEAD	1.000000			
MUERTA	DEAD	0.000000			
VIVA	LIVE	0.000000			
VIVACUB	ROOF LIVE	0.000000			
VIENTO	WIND	0.000000	None		
GRANIZO	OTHER	0.000000			
EMPOZAMIENTO	OTHER	0.000000			
FLUIDO	OTHER	0.000000			

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Table: Load Pattern Definitions

LoadPat	DesignType	SelfWtMult	AutoLoad	GUID	Notes
SISMOXFHE	QUAKE	0.000000	USER COEFF		
SISMOYFHE	QUAKE	0.000000	USER COEFF		

Table: Masses 1 - Mass Source

Table: Masses 1 - Mass Source

MassFrom	LoadPat	Multiplier
Loads	DEAD	1.000000
Loads	MUERTA	1.000000

Table: Material Properties 01 - General

Table: Material Properties 01 - General

Material	Type	SymType	TempDepen d	Color	GUID	Notes
3000Psi	Concrete	Isotropic	No	Blue		Normalweight f _c = 3 ksi added 26/12/2021 9:11:58 a. m.
4000Psi	Concrete	Isotropic	No	Cyan		Normalweight f _c = 4 ksi added 7/12/2021 12:04:26 p. m.
A36	Steel	Isotropic	No	Blue		ASTM A36 added 8/03/2022 10:11:55 a. m.
A500GrC	Steel	Isotropic	No	Blue		ASTM A500 Grade B F _y =42 ksi added 7/12/2021 12:05:25 p. m.
A572Gr50	Steel	Isotropic	No	Blue		ASTM A572 Grade 50 added 7/12/2021 2:21:44 p. m.
A615Gr60	Rebar	Uniaxial	No	White		ASTM A615 Grade 60 added 7/12/2021 12:32:12 p. m.
A992Fy50	Steel	Isotropic	No	Green		ASTM A992 F _y =50 ksi added 7/12/2021 12:04:26 p. m.

Table: Material Properties 02 - Basic Mechanical Properties

Table: Material Properties 02 - Basic Mechanical Properties

Material	UnitWeight KN/m3	UnitMass KN-s2/m4	E1 KN/m2	G12 KN/m2	U12	A1 1/C
3000Psi	2.3563E+01	2.4028E+00	21525562.22	8968984.26	0.200000	9.9000E-06
4000Psi	2.3563E+01	2.4028E+00	24855578.28	10356490.95	0.200000	9.9000E-06
A36	7.6973E+01	7.8490E+00	199947978.8	76903068.77	0.300000	1.1700E-05
A500GrC	7.6973E+01	7.8490E+00	199947978.8	76903068.77	0.300000	1.1700E-05
A572Gr50	7.6973E+01	7.8490E+00	199947978.8	76903068.77	0.300000	1.1700E-05
A615Gr60	7.6973E+01	7.8490E+00	199947978.8			1.1700E-05
A992Fy50	7.6973E+01	7.8490E+00	199947978.8	76903068.77	0.300000	1.1700E-05

Table: Material Properties 03a - Steel Data, Part 1 of 2

Table: Material Properties 03a - Steel Data, Part 1 of 2

Material	Fy KN/m2	Fu KN/m2	EffFy KN/m2	EffFu KN/m2	SSCurveOpt	SSHysType	SHard	SMax
A36	248211.28	399895.96	372316.93	439885.55	Simple	Kinematic	0.020000	0.140000
A500GrC	350000.00	435000.00	385000.00	478500.00	Simple	Kinematic	0.020000	0.140000
A572Gr50	344737.89	448159.26	379211.68	492975.19	Simple	Kinematic	0.015000	0.110000
A992Fy50	344737.89	448159.26	379211.68	492975.19	Simple	Kinematic	0.015000	0.110000

Table: Material Properties 03a - Steel Data, Part 2 of 2

Table: Material Properties 03a - Steel
Data, Part 2 of 2

Material	SRup	FinalSlope
A36	0.200000	-0.100000
A500GrC	0.200000	-0.100000
A572Gr50	0.170000	-0.100000
A992Fy50	0.170000	-0.100000

Table: Material Properties 03b - Concrete Data, Part 1 of 2

Table: Material Properties 03b - Concrete Data, Part 1 of 2

Material	Fc KN/m2	LtWtConc	SSCurveOpt	SSHysType	SFc	SCap	FinalSlope	FAngle Degrees
3000Psi	20684.27	No	Mander	Takeda	0.001922	0.005000	-0.100000	0.000
4000Psi	27579.03	No	Mander	Takeda	0.002219	0.005000	-0.100000	0.000

Table: Material Properties 03b - Concrete Data, Part 2 of 2

Table: Material Properties
03b - Concrete Data, Part 2
of 2

Material	DAngle Degrees
3000Psi	0.000
4000Psi	0.000

Table: Material Properties 03e - Rebar Data, Part 1 of 2

Table: Material Properties 03e - Rebar Data, Part 1 of 2

Material	Fy KN/m2	Fu KN/m2	EffFy KN/m2	EffFu KN/m2	SSCurveOpt	SSHysType	SHard	SCap
A615Gr60	413685.47	620528.21	455054.02	682581.03	Simple	Kinematic	0.010000	0.090000

Table: Material Properties 03e - Rebar Data, Part 2 of 2

Table: Material Properties 03e - Rebar
Data, Part 2 of 2

Material	FinalSlope	UseCTDef
A615Gr60	-0.100000	No

11. IMÁGENES DEL MODELO MATEMÁTICO

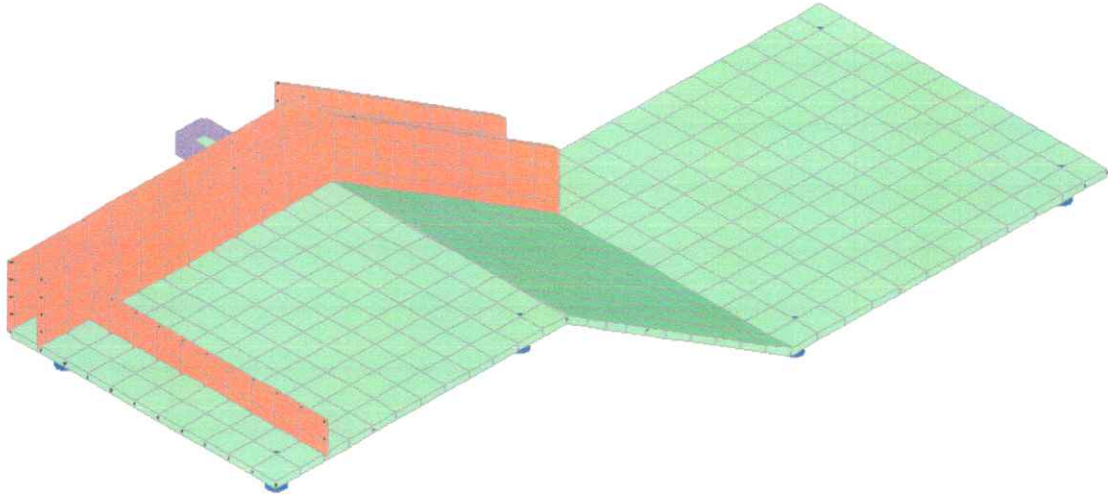


Imagen 4. Imagen del modelo matemático tridimensional

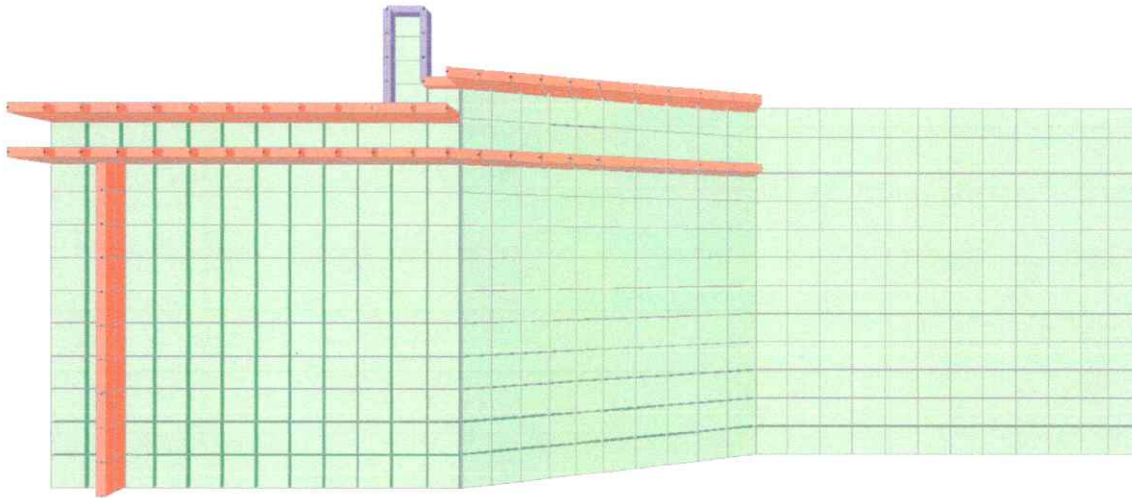


Imagen 5. Vista en planta

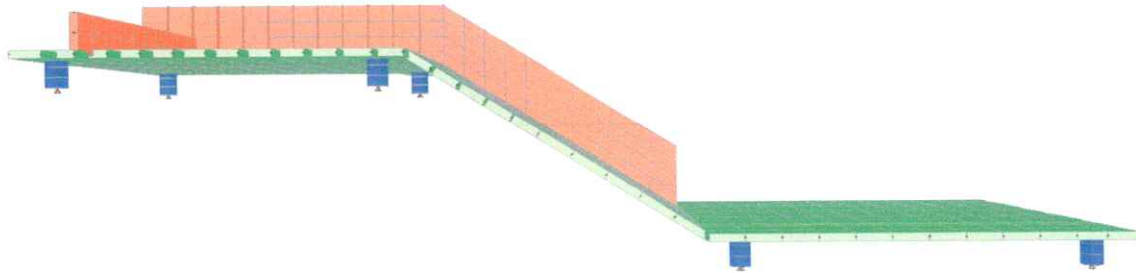


Imagen 6. Vista en alzado lateral

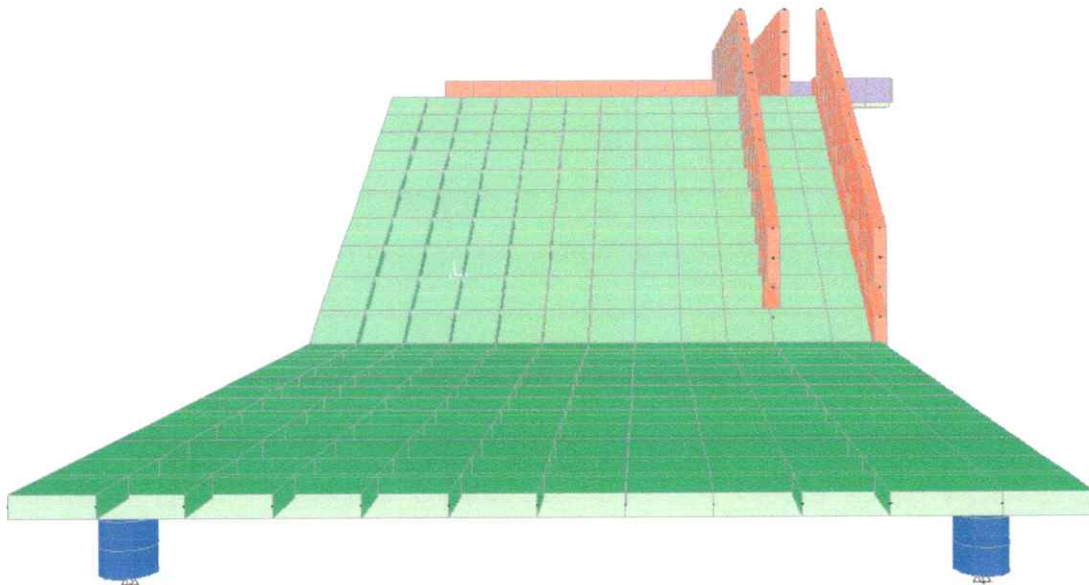


Imagen 7. Vista frontal en alzado

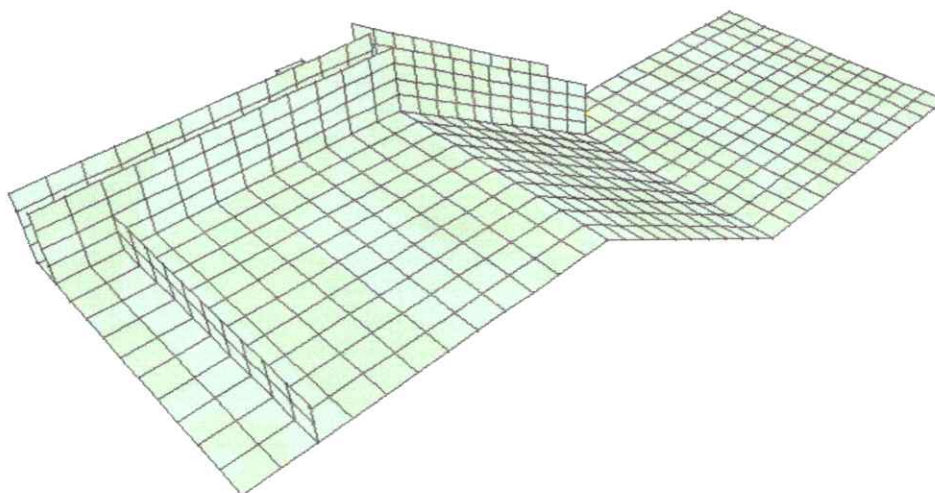


Imagen 8. Momento M11 por carga muerta

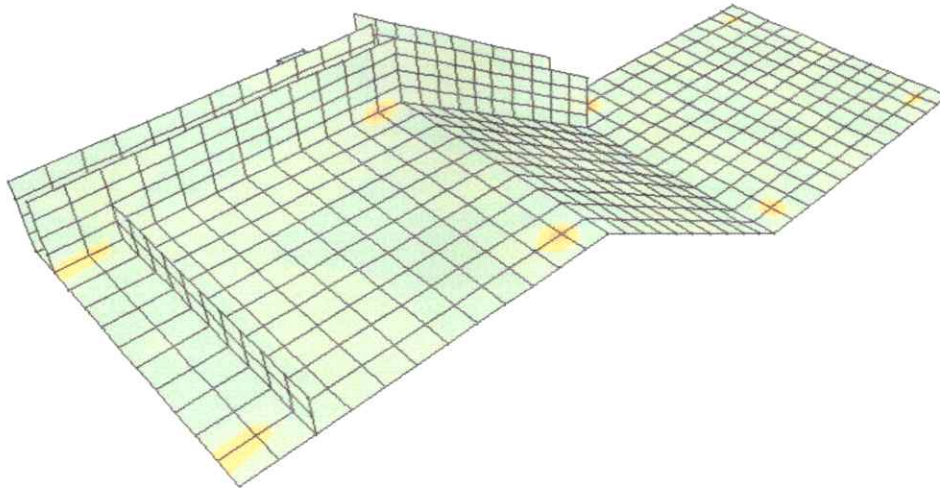


Imagen 9. Momento M22 por carga muerta

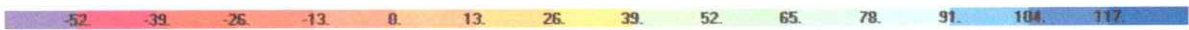
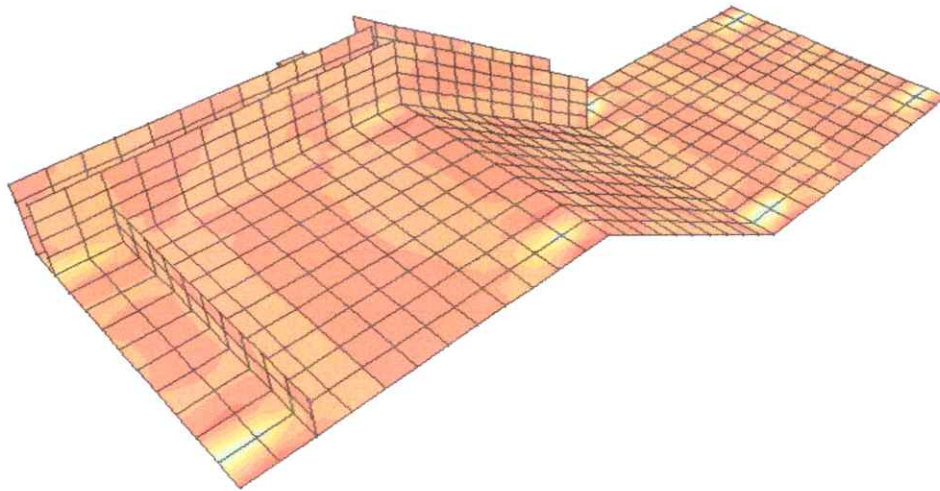


Imagen 10. Cortante V13 por carga muerta

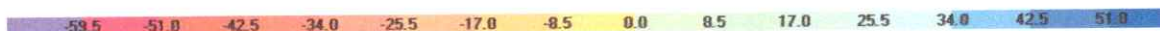
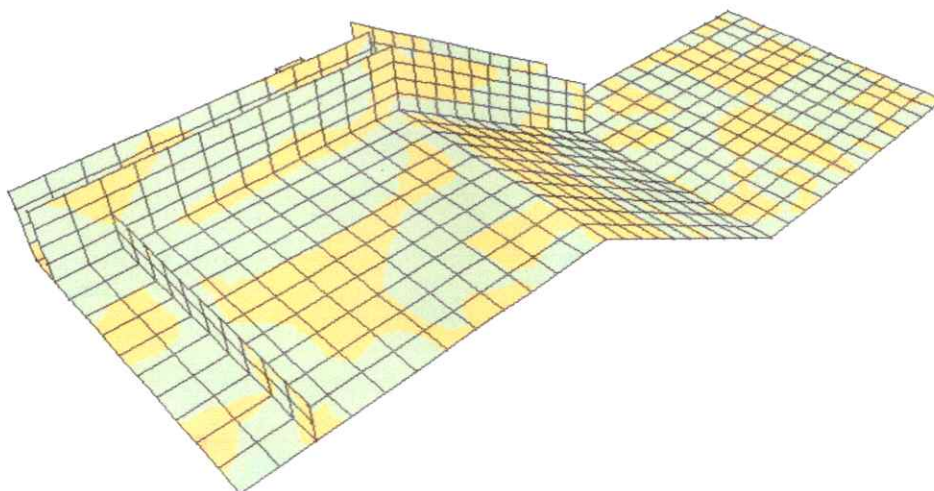


Imagen 11. Cortante V23 por carga muerta

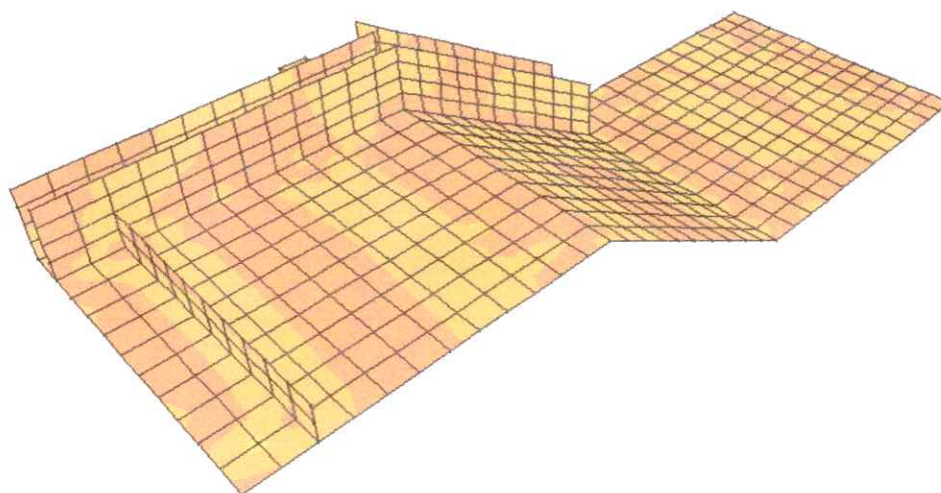


Imagen 12. Momento M_{11} por carga viva

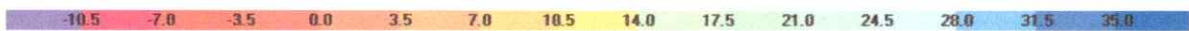
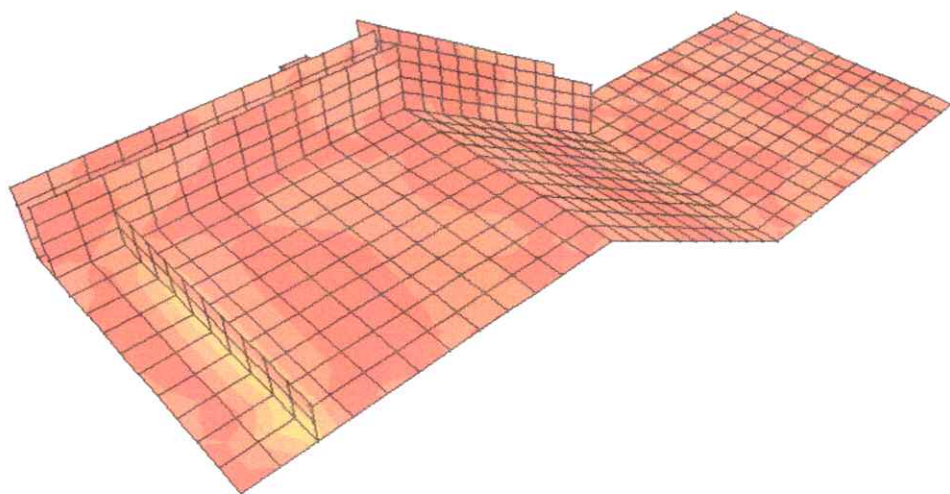


Imagen 13. Momento M_{22} por carga viva

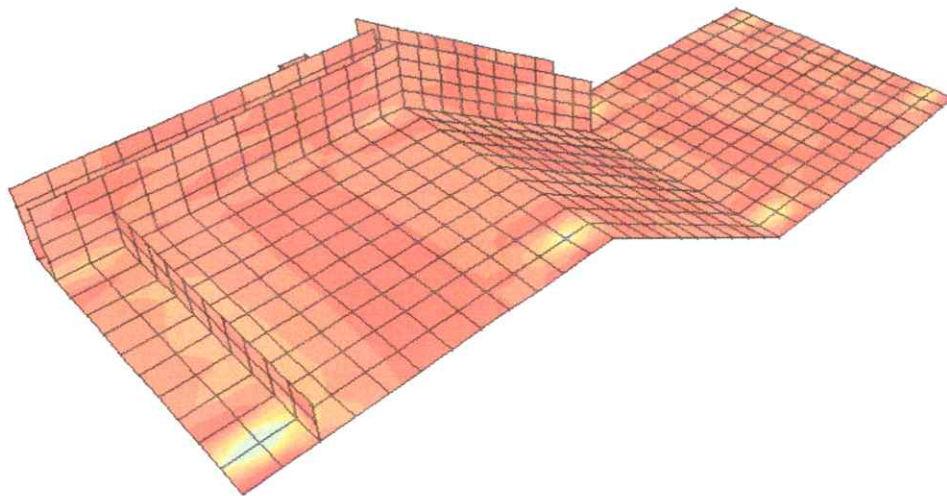


Imagen 14. Cortante V13 por carga viva

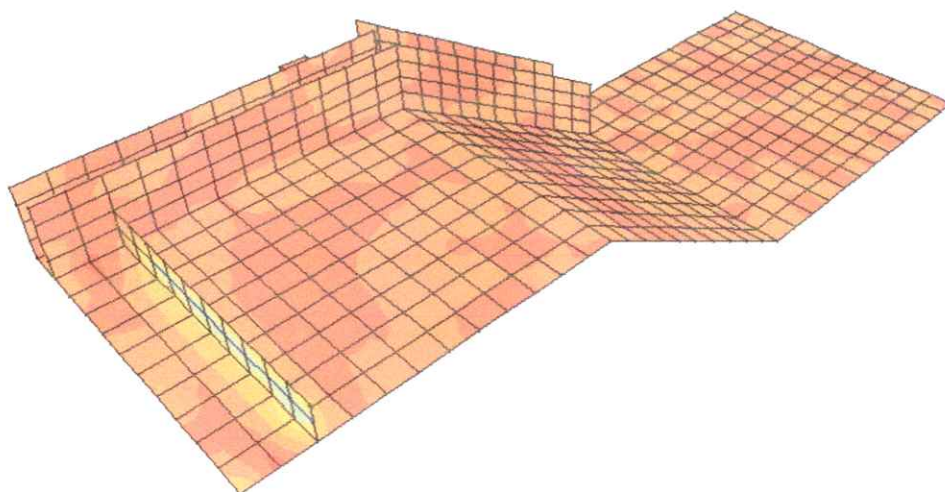


Imagen 15. Cortante V23 por carga viva

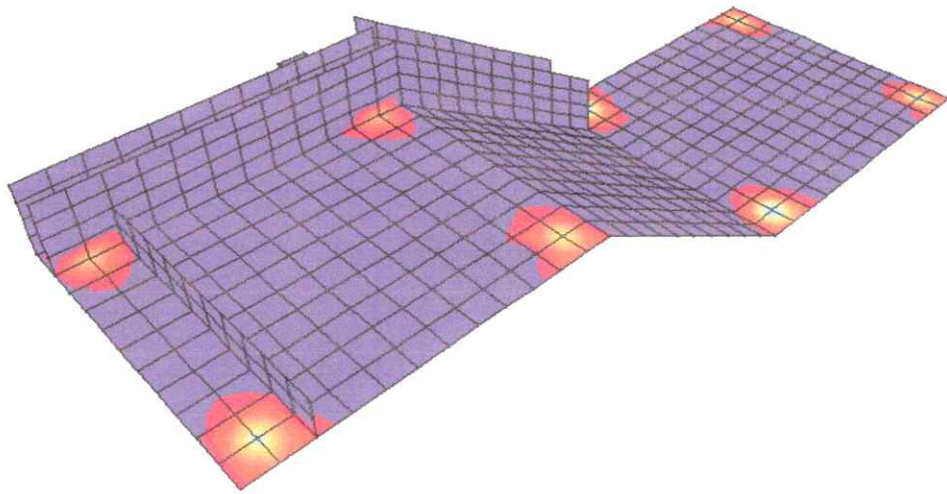


Imagen 16. Momento M11 por Sismo X

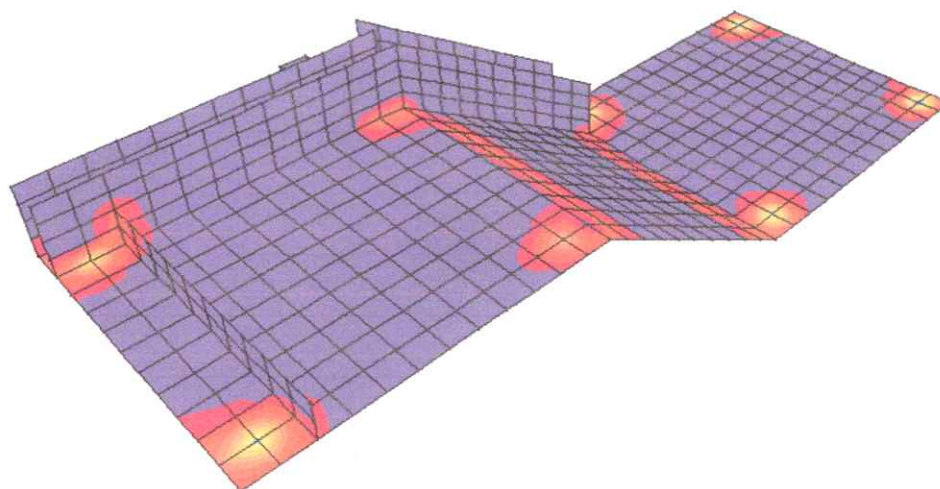


Imagen 17. Momento M22 por Sismo X

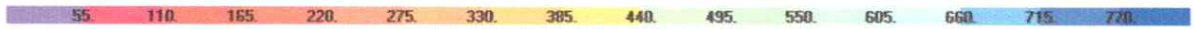
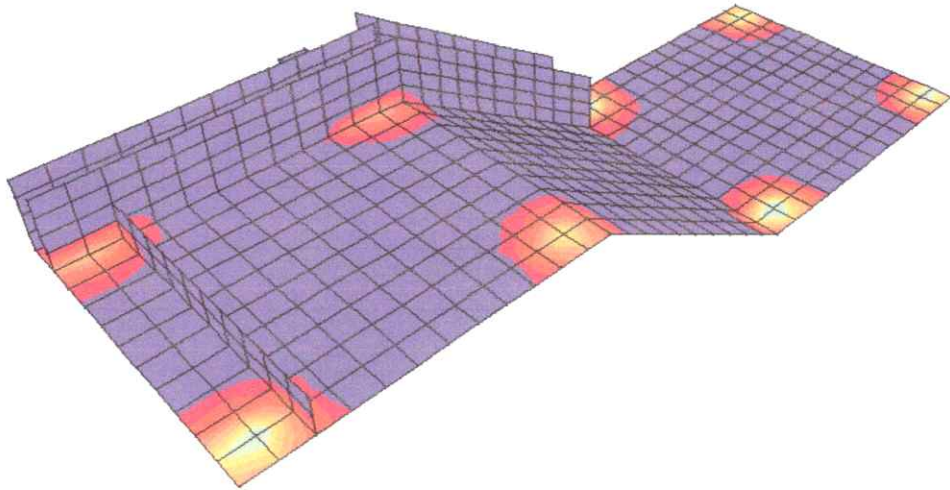


Imagen 18. Cortante V13 por Sismo X

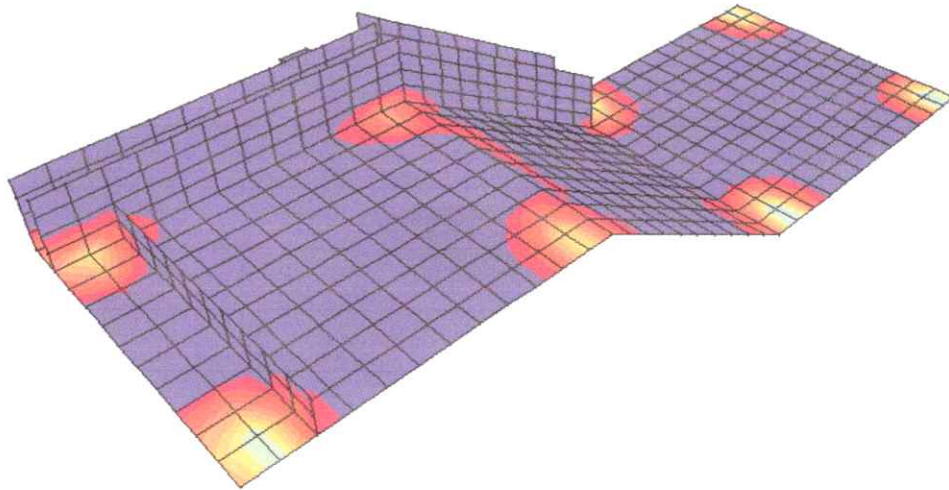


Imagen 19. Cortante V23 por Sismo X

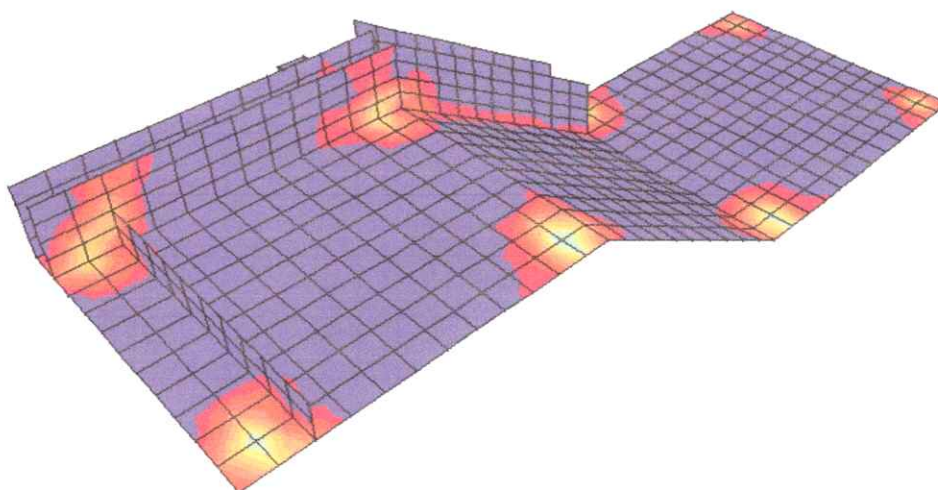


Imagen 20. Momento M11 por Sismo Y

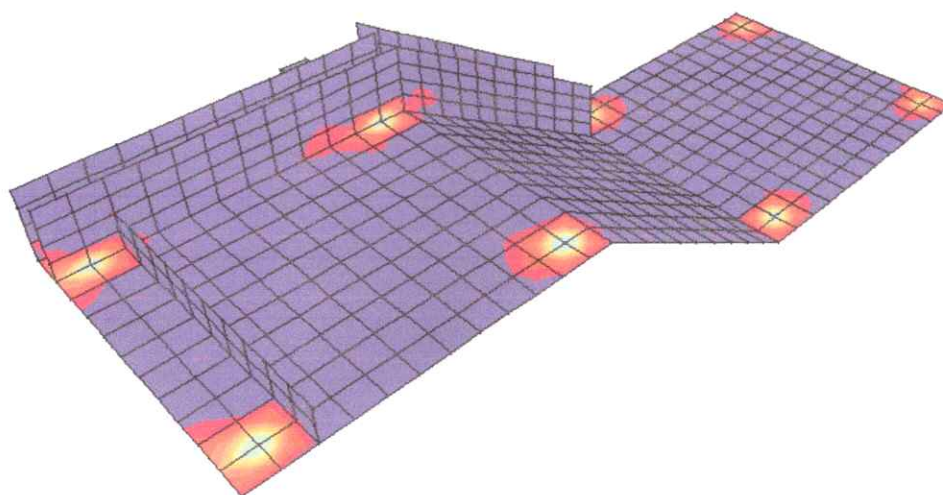


Imagen 21. Momento M_{22} por Sismo Y

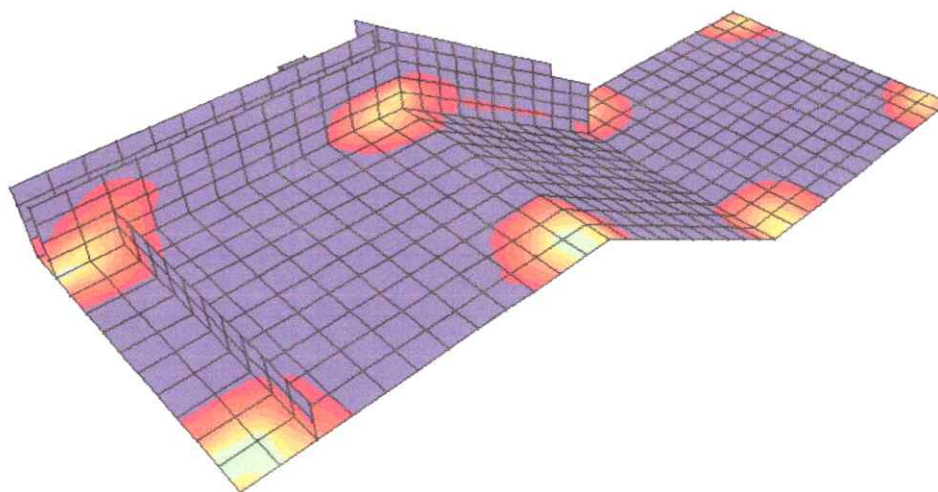


Imagen 22. Cortante V13 por Sismo Y

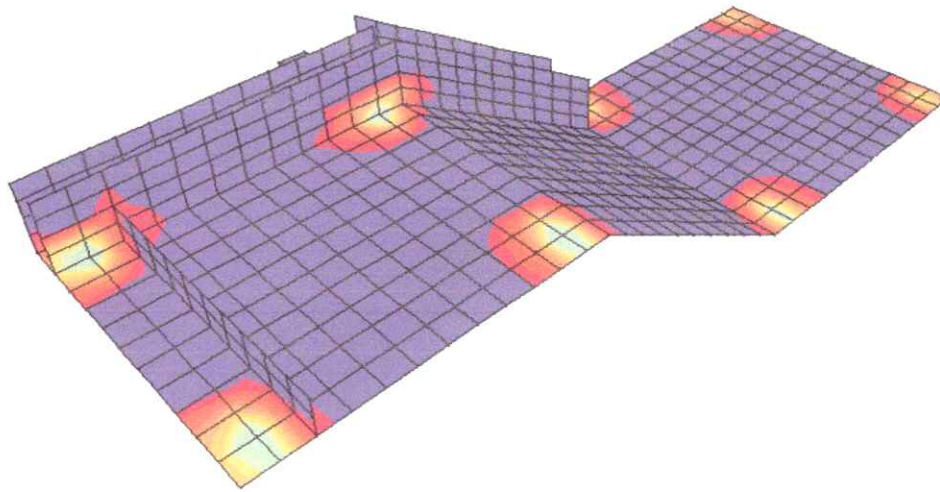


Imagen 23. Cortante V23 por Sismo Y

12. RESULTADOS DEL MODELO

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

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

Area	AreaElem	Joint	OutputCase	StepType	FVM KN/m	M11 KN-m/m	M22 KN-m/m	M12 KN-m/m
21	21	20	ENV	Max	0.00	39.9460	236.5692	46.3901
21	21	343	ENV	Max	0.00	49.1710	325.2662	31.3129
21	21	58	ENV	Max	0.00	46.1903	5.2829	35.3434
21	21	50	ENV	Max	0.00	7.0974	69.5884	20.5887
21	21	20	ENV	Min	0.00	-36.3975	-217.8370	-42.3481
21	21	343	ENV	Min	0.00	-46.0409	-308.9483	-27.3835
21	21	58	ENV	Min	0.00	-43.2286	-0.4537	-32.4822
21	21	50	ENV	Min	0.00	-7.9024	-60.1721	-17.6150
23	23	343	ENV	Max	0.00	47.3192	324.8433	57.0265
23	23	354	ENV	Max	0.00	3.4103	74.9246	53.6529
23	23	66	ENV	Max	0.00	57.9333	3.6620	5.9220
23	23	58	ENV	Max	0.00	51.0094	4.7979	9.8317
23	23	343	ENV	Min	0.00	-43.0577	-308.2991	-53.7666
23	23	354	ENV	Min	0.00	-0.4869	-53.8615	-53.5045
23	23	66	ENV	Min	0.00	-70.1040	-2.9703	-5.2617
23	23	58	ENV	Min	0.00	-48.0547	0.0298	-6.0600
25	25	354	ENV	Max	0.00	12.8885	77.3873	-0.3278
25	25	365	ENV	Max	0.00	8.8755	32.9687	8.0065
25	25	67	ENV	Max	0.00	3.2698	17.9073	0.4400
25	25	66	ENV	Max	0.00	28.7469	11.7370	7.0637
25	25	354	ENV	Min	0.00	-7.5900	-55.8492	-2.7837
25	25	365	ENV	Min	0.00	-5.9311	-18.1620	-11.9968
25	25	67	ENV	Min	0.00	-0.6964	-13.4046	-5.1820
25	25	66	ENV	Min	0.00	-31.7610	-9.2141	-10.9270
27	27	365	ENV	Max	0.00	3.2400	31.5772	2.3165
27	27	376	ENV	Max	0.00	1.7946	21.8857	1.0112
27	27	68	ENV	Max	0.00	2.0554	9.2022	4.9884
27	27	67	ENV	Max	0.00	2.5408	17.8567	6.3323
27	27	365	ENV	Min	0.00	0.1089	-16.6897	-5.7215
27	27	376	ENV	Min	0.00	-0.5491	-12.9593	-3.3789
27	27	68	ENV	Min	0.00	0.5430	-3.6630	-7.9840
27	27	67	ENV	Min	0.00	0.0289	-13.3548	-10.3652
29	29	376	ENV	Max	0.00	4.7042	22.4947	2.2870
29	29	387	ENV	Max	0.00	3.2721	24.4851	2.3193
29	29	72	ENV	Max	0.00	2.9554	14.8869	3.4298
29	29	68	ENV	Max	0.00	2.4398	8.9513	3.4281
29	29	376	ENV	Min	0.00	-1.6462	-13.2059	-3.9805
29	29	387	ENV	Min	0.00	-2.4649	-19.0604	-3.6222
29	29	72	ENV	Min	0.00	-1.1442	-10.9473	-5.4089
29	29	68	ENV	Min	0.00	-0.1934	-3.4825	-5.7980
31	31	387	ENV	Max	0.00	6.7215	25.2149	1.8967
31	31	398	ENV	Max	0.00	4.9987	32.3272	1.6132
31	31	74	ENV	Max	0.00	3.7080	17.9194	3.0782
31	31	72	ENV	Max	0.00	2.0097	14.6941	3.3729
31	31	387	ENV	Min	0.00	-5.0001	-19.6074	-2.8453
31	31	398	ENV	Min	0.00	-5.1568	-29.5356	-2.0814
31	31	74	ENV	Min	0.00	-2.4815	-15.2275	-4.0437
31	31	72	ENV	Min	0.00	-0.4974	-10.8142	-4.8188

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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
33	33	398	ENV	Max	0.00	6.9167	32.7615	1.9470
33	33	409	ENV	Max	0.00	7.2970	35.8909	1.8745
33	33	75	ENV	Max	0.00	4.7030	22.6395	2.9726
33	33	74	ENV	Max	0.00	3.1549	17.8098	3.0489
33	33	398	ENV	Min	0.00	-5.2905	-29.6130	-2.2898
33	33	409	ENV	Min	0.00	-7.4168	-34.3886	-2.1798
33	33	75	ENV	Min	0.00	-3.9237	-20.8154	-3.5669
33	33	74	ENV	Min	0.00	-2.3515	-15.2025	-3.6806
35	35	409	ENV	Max	0.00	7.1037	35.9008	1.6834
35	35	420	ENV	Max	0.00	8.2737	49.6820	2.5438
35	35	76	ENV	Max	0.00	5.5273	23.5909	4.5241
35	35	75	ENV	Max	0.00	4.5574	22.6092	3.6366
35	35	409	ENV	Min	0.00	-6.1119	-34.1761	-2.0008
35	35	420	ENV	Min	0.00	-9.1159	-48.7943	-2.6761
35	35	76	ENV	Min	0.00	-5.0516	-21.9419	-4.7378
35	35	75	ENV	Min	0.00	-4.1315	-20.8558	-4.0353
37	37	420	ENV	Max	0.00	9.8194	50.0212	4.9061
37	37	431	ENV	Max	0.00	8.7907	30.0936	4.9587
37	37	77	ENV	Max	0.00	9.6962	40.2966	4.2058
37	37	76	ENV	Max	0.00	5.5764	23.5771	4.1583
37	37	420	ENV	Min	0.00	-8.4032	-48.6818	-5.2443
37	37	431	ENV	Min	0.00	-10.0642	-29.0263	-5.2107
37	37	77	ENV	Min	0.00	-8.6916	-36.8747	-4.1885
37	37	76	ENV	Min	0.00	-5.6508	-22.0382	-4.2272
39	39	431	ENV	Max	0.00	6.0641	29.6640	1.1606
39	39	61	ENV	Max	0.00	29.0016	174.7511	6.5086
39	39	78	ENV	Max	0.00	18.4823	12.1256	19.7857
39	39	77	ENV	Max	0.00	7.6895	39.8903	12.0006
39	39	431	ENV	Min	0.00	-5.2819	-28.1854	-1.6908
39	39	61	ENV	Min	0.00	-27.5333	-160.7852	-6.1525
39	39	78	ENV	Min	0.00	-15.5750	-9.7487	-17.9082
39	39	77	ENV	Min	0.00	-7.4629	-36.6239	-11.0094
41	41	61	ENV	Max	0.00	22.5430	173.4561	50.7601
41	41	62	ENV	Max	0.00	33.8865	244.1290	42.8879
41	41	79	ENV	Max	0.00	42.0019	21.7136	8.8200
41	41	78	ENV	Max	0.00	24.5158	11.3378	2.5683
41	41	61	ENV	Min	0.00	-20.4306	-159.3613	-46.8058
41	41	62	ENV	Min	0.00	-34.4389	-246.7304	-38.1466
41	41	79	ENV	Min	0.00	-42.4989	-21.1075	-6.3253
41	41	78	ENV	Min	0.00	-21.8084	-9.0008	-0.8605
43	43	62	ENV	Max	0.00	30.3056	243.3695	43.2620
43	43	19	ENV	Max	0.00	30.7241	190.5598	52.5614
43	43	73	ENV	Max	0.00	24.0379	15.3490	6.6111
43	43	79	ENV	Max	0.00	42.9546	21.5174	15.8729
43	43	62	ENV	Min	0.00	-30.4776	-245.8949	-39.2169
43	43	19	ENV	Min	0.00	-33.3653	-198.8694	-48.5260
43	43	73	ENV	Min	0.00	-24.6493	-17.9192	-3.7974
43	43	79	ENV	Min	0.00	-43.4135	-20.9037	-13.0493
45	45	63	ENV	Max	0.00	7.4423	20.4108	7.7239
45	45	2374	ENV	Max	0.00	6.1661	17.4348	7.8451
45	45	82	ENV	Max	0.00	0.7660	6.5904	6.2456

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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
45	45	83	ENV	Max	0.00	11.4303	10.2732	3.0327
45	45	63	ENV	Min	0.00	-8.1626	-19.6287	-7.4190
45	45	2374	ENV	Min	0.00	-5.2845	-16.8019	-7.9108
45	45	82	ENV	Min	0.00	-0.8183	-6.3025	-6.1558
45	45	83	ENV	Min	0.00	-10.9587	-9.7797	-3.2135
47	47	2374	ENV	Max	0.00	9.2405	17.8678	7.3567
47	47	2375	ENV	Max	0.00	9.1611	20.1333	6.2588
47	47	84	ENV	Max	0.00	2.3343	6.0960	5.2102
47	47	82	ENV	Max	0.00	11.8628	8.9047	3.5400
47	47	2374	ENV	Min	0.00	-9.4104	-17.4060	-7.0037
47	47	2375	ENV	Min	0.00	-8.2156	-19.8848	-6.3674
47	47	84	ENV	Min	0.00	-2.2800	-5.9615	-5.1799
47	47	82	ENV	Min	0.00	-11.2777	-8.4502	-3.5250
52	52	2375	ENV	Max	0.00	4.4528	19.1571	7.2095
52	52	2376	ENV	Max	0.00	4.9571	13.7110	6.9395
52	52	85	ENV	Max	0.00	2.0995	5.5262	6.0252
52	52	84	ENV	Max	0.00	10.7503	8.6401	1.6030
52	52	2375	ENV	Min	0.00	-4.8726	-19.1876	-6.9108
52	52	2376	ENV	Min	0.00	-3.8570	-13.9866	-7.2062
52	52	85	ENV	Min	0.00	-1.7656	-5.2813	-5.9644
52	52	84	ENV	Min	0.00	-10.2934	-8.4310	-1.5727
54	54	2376	ENV	Max	0.00	7.9169	14.3060	6.0221
54	54	2377	ENV	Max	0.00	9.4975	21.2703	4.5678
54	54	86	ENV	Max	0.00	4.7142	5.8624	3.8062
54	54	85	ENV	Max	0.00	9.7628	7.8467	3.3428
54	54	2376	ENV	Min	0.00	-7.8455	-14.5895	-6.5098
54	54	2377	ENV	Min	0.00	-8.7853	-18.0619	-3.5410
54	54	86	ENV	Min	0.00	-3.6739	-6.4786	-3.5926
54	54	85	ENV	Min	0.00	-9.2178	-7.3617	-3.2659
57	57	3	ENV	Max	0.00	12.3153	17.4412	7.3868
57	57	44	ENV	Max	0.00	4.1043	4.6111	5.3129
57	57	54	ENV	Max	0.00	12.5624	2.5870	9.5481
57	57	55	ENV	Max	0.00	12.7285	14.8764	11.6763
57	57	3	ENV	Min	0.00	-10.6646	-34.3906	-16.4376
57	57	44	ENV	Min	0.00	-7.6010	-12.7915	-15.3972
57	57	54	ENV	Min	0.00	-2.5165	-6.1245	-19.8516
57	57	55	ENV	Min	0.00	-23.0041	-11.1638	-20.9464
59	59	2377	ENV	Max	0.00	5.7448	19.8239	7.9114
59	59	23	ENV	Max	0.00	2.4938	1.8589	2.9938
59	59	80	ENV	Max	0.00	4.2291	6.3101	4.0034
59	59	86	ENV	Max	0.00	7.3058	7.9281	0.1820
59	59	2377	ENV	Min	0.00	-1.3026	-15.3977	-5.6795
59	59	23	ENV	Min	0.00	-6.3290	-13.6033	-2.6459
59	59	80	ENV	Min	0.00	-2.2182	-8.6455	-4.6619
59	59	86	ENV	Min	0.00	-6.4946	-8.1182	-0.3656
61	61	3	ENV	Max	0.00	25.6949	37.2572	14.9935
61	61	2393	ENV	Max	0.00	8.5985	17.9919	11.0339
61	61	87	ENV	Max	0.00	1.9746	10.4060	7.9597
61	61	55	ENV	Max	0.00	17.2880	10.5607	7.4614
61	61	3	ENV	Min	0.00	-24.4447	-20.2545	-15.6962
61	61	2393	ENV	Min	0.00	-11.5885	-17.7486	-12.8284

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Area	AreaElem	Joint	OutputCase	StepType	FVM	M11	M22	M12
					KN/m	KN-m/m	KN-m/m	KN-m/m
61	61	87	ENV	Min	0.00	-4.5984	-7.2311	-8.9473
61	61	55	ENV	Min	0.00	-12.4020	-15.8782	-16.1932
62	62	42	ENV	Max	0.00	0.4606	3.2527	0.6051
62	62	45	ENV	Max	0.00	4.6363	4.9449	1.7004
62	62	59	ENV	Max	0.00	3.4714	3.1977	2.3688
62	62	52	ENV	Max	0.00	8.2479	3.7157	2.9705
62	62	42	ENV	Min	0.00	-2.8512	-5.8242	-0.2532
62	62	45	ENV	Min	0.00	-1.3154	-4.7261	-2.1540
62	62	59	ENV	Min	0.00	-3.7493	-0.9871	-1.1803
62	62	52	ENV	Min	0.00	-10.3717	-12.0499	-0.9764
65	65	2393	ENV	Max	0.00	10.7840	18.0511	9.6185
65	65	2392	ENV	Max	0.00	9.6827	17.7919	8.7913
65	65	88	ENV	Max	0.00	1.2932	6.2059	7.1196
65	65	87	ENV	Max	0.00	13.1393	12.1534	6.1017
65	65	2393	ENV	Min	0.00	-18.2588	-18.8380	-8.6326
65	65	2392	ENV	Min	0.00	-8.6424	-19.7325	-9.9153
65	65	88	ENV	Min	0.00	-3.8326	-6.2470	-7.2347
65	65	87	ENV	Min	0.00	-13.2860	-8.6163	-6.7350
67	67	2392	ENV	Max	0.00	9.1603	17.8304	7.8203
67	67	2391	ENV	Max	0.00	7.9836	19.5066	8.3611
67	67	89	ENV	Max	0.00	1.2551	6.2321	6.7365
67	67	88	ENV	Max	0.00	11.0168	8.1888	4.6518
67	67	2392	ENV	Min	0.00	-12.7602	-20.2161	-8.5943
67	67	2391	ENV	Min	0.00	-7.1714	-17.3280	-9.4997
67	67	89	ENV	Min	0.00	-2.7082	-5.4732	-7.1212
67	67	88	ENV	Min	0.00	-13.2208	-7.6798	-4.4696
69	69	61	ENV	Max	0.00	62.1595	19.7526	21.1085
69	69	62	ENV	Max	0.00	96.7017	291.4447	39.4457
69	69	40	ENV	Max	0.00	57.2095	145.7898	34.6902
69	69	42	ENV	Max	0.00	4.2879	62.3711	19.7849
69	69	61	ENV	Min	0.00	-9.0761	-38.0836	-39.9950
69	69	62	ENV	Min	0.00	-350.9395	-410.2222	-22.8964
69	69	40	ENV	Min	0.00	-17.8142	-82.5505	-24.3436
69	69	42	ENV	Min	0.00	0.5181	-19.2829	-44.8740
70	70	62	ENV	Max	0.00	212.1492	300.2537	52.3932
70	70	19	ENV	Max	0.00	20.8137	12.2305	33.8755
70	70	21	ENV	Max	0.00	5.6919	25.3711	25.3516
70	70	40	ENV	Max	0.00	24.2230	133.3598	48.2477
70	70	62	ENV	Min	0.00	-116.0823	-348.9702	-22.2955
70	70	19	ENV	Min	0.00	4.5612	-13.1328	-32.4305
70	70	21	ENV	Min	0.00	-15.4103	-34.7412	-24.1298
70	70	40	ENV	Min	0.00	-51.7325	-83.5015	-18.3733
71	71	2391	ENV	Max	0.00	10.0799	19.7319	7.4213
71	71	2390	ENV	Max	0.00	6.8525	20.4319	8.4405
71	71	90	ENV	Max	0.00	0.9558	6.9838	6.4711
71	71	89	ENV	Max	0.00	10.8966	8.2385	3.8419
71	71	2391	ENV	Min	0.00	-13.7556	-18.5954	-7.3355
71	71	2390	ENV	Min	0.00	-5.7564	-18.2728	-9.1110
71	71	90	ENV	Min	0.00	-2.0175	-5.7786	-6.5221
71	71	89	ENV	Min	0.00	-11.5312	-7.4603	-4.5628
73	73	2390	ENV	Max	0.00	9.3243	20.6046	7.7891

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Area	AreaElem	Joint	OutputCase	StepType	FVM	M11	M22	M12
					KN/m	KN-m/m	KN-m/m	KN-m/m
73	73	65	ENV	Max	0.00	8.7735	22.1110	7.7358
73	73	91	ENV	Max	0.00	0.7891	7.5280	6.2889
73	73	90	ENV	Max	0.00	11.3536	8.9041	3.7281
73	73	2390	ENV	Min	0.00	-11.2733	-19.0087	-7.4208
73	73	65	ENV	Min	0.00	-7.0899	-19.5084	-8.1614
73	73	91	ENV	Min	0.00	-1.5179	-6.2332	-6.3214
73	73	90	ENV	Min	0.00	-11.1134	-7.3928	-4.0133
75	75	65	ENV	Max	0.00	8.2783	21.6578	7.9892
75	75	2389	ENV	Max	0.00	6.7772	19.8928	8.3165
75	75	92	ENV	Max	0.00	1.5237	7.2667	6.8276
75	75	91	ENV	Max	0.00	12.1922	9.8423	3.0785
75	75	65	ENV	Min	0.00	-9.6345	-19.7111	-7.3069
75	75	2389	ENV	Min	0.00	-5.0813	-18.1136	-8.4208
75	75	92	ENV	Min	0.00	-1.7687	-6.2510	-6.6550
75	75	91	ENV	Min	0.00	-11.3661	-8.2845	-3.2805
77	77	42	ENV	Max	0.00	7.2202	18.8681	5.8109
77	77	40	ENV	Max	0.00	18.9512	74.9135	1.9640
77	77	69	ENV	Max	0.00	9.5236	19.4142	0.2893
77	77	52	ENV	Max	0.00	9.4312	26.3790	0.8773
77	77	42	ENV	Min	0.00	-0.4307	1.8524	-9.2250
77	77	40	ENV	Min	0.00	-13.3532	-45.6958	-8.8243
77	77	69	ENV	Min	0.00	-1.4875	-18.2110	-4.8434
77	77	52	ENV	Min	0.00	-27.7753	-39.4283	-1.9852
78	78	40	ENV	Max	0.00	14.0033	73.8180	2.3276
78	78	21	ENV	Max	0.00	7.5633	4.5038	5.6114
78	78	57	ENV	Max	0.00	1.8175	27.8351	1.9458
78	78	69	ENV	Max	0.00	10.0813	19.5171	3.2000
78	78	40	ENV	Min	0.00	-9.9808	-44.9153	-2.9526
78	78	21	ENV	Min	0.00	-9.0343	-10.6127	-4.0827
78	78	57	ENV	Min	0.00	-1.8169	-18.5822	-3.9264
78	78	69	ENV	Min	0.00	-2.8510	-18.4750	-7.3343
79	79	2389	ENV	Max	0.00	9.2767	20.1446	7.7178
79	79	2388	ENV	Max	0.00	9.4580	23.2551	7.1591
79	79	93	ENV	Max	0.00	2.9157	7.0554	5.9572
79	79	92	ENV	Max	0.00	12.7515	9.8870	3.4785
79	79	2389	ENV	Min	0.00	-10.0524	-18.8781	-6.8466
79	79	2388	ENV	Min	0.00	-7.1583	-21.5362	-7.1318
79	79	93	ENV	Min	0.00	-3.0969	-6.8706	-5.7786
79	79	92	ENV	Min	0.00	-11.4138	-8.5731	-3.3892
81	81	2388	ENV	Max	0.00	6.1552	22.6494	7.8333
81	81	2387	ENV	Max	0.00	4.3111	16.3777	7.9167
81	81	94	ENV	Max	0.00	2.2120	6.4382	6.4992
81	81	93	ENV	Max	0.00	11.8316	10.0463	1.7609
81	81	2388	ENV	Min	0.00	-6.4835	-21.4858	-6.6139
81	81	2387	ENV	Min	0.00	-3.0216	-18.0278	-8.3733
81	81	94	ENV	Min	0.00	-3.4957	-7.6343	-6.6794
81	81	93	ENV	Min	0.00	-10.3078	-9.5503	-1.9836
83	83	2387	ENV	Max	0.00	8.8912	17.1040	6.7859
83	83	2386	ENV	Max	0.00	8.6577	19.4134	3.9451
83	83	95	ENV	Max	0.00	4.5059	9.4353	4.0030
83	83	94	ENV	Max	0.00	10.0657	8.7313	3.3407

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Area	AreaElem	Joint	OutputCase	StepType	FVM	M11	M22	M12
					KN/m	KN-m/m	KN-m/m	KN-m/m
83	83	2387	ENV	Min	0.00	-11.3839	-19.5838	-6.4271
83	83	2386	ENV	Min	0.00	-8.5153	-27.1299	-7.5670
83	83	95	ENV	Min	0.00	-7.0608	-8.0969	-4.8199
83	83	94	ENV	Min	0.00	-11.2564	-9.9820	-3.8402
85	85	2386	ENV	Max	0.00	5.4333	16.9706	5.5872
85	85	17	ENV	Max	0.00	12.0064	49.9201	4.6633
85	85	81	ENV	Max	0.00	1.3328	15.4970	6.9655
85	85	95	ENV	Max	0.00	5.9769	10.9121	0.3886
85	85	2386	ENV	Min	0.00	-17.5930	-28.3027	-12.3183
85	85	17	ENV	Min	0.00	-0.8741	-16.6052	-6.3949
85	85	81	ENV	Min	0.00	-7.2367	-8.3029	-5.5688
85	85	95	ENV	Min	0.00	-7.6026	-10.5432	-0.8155
87	87	19	ENV	Max	0.00	27.9785	184.5107	39.0296
87	87	2330	ENV	Max	0.00	13.4193	16.5722	4.1653
87	87	96	ENV	Max	0.00	4.0038	38.1504	3.8369
87	87	73	ENV	Max	0.00	46.6038	16.2398	45.9661
87	87	19	ENV	Min	0.00	-24.8269	-191.4642	-37.4908
87	87	2330	ENV	Min	0.00	-11.9228	-21.8171	-4.4979
87	87	96	ENV	Min	0.00	-4.6340	-41.2273	-3.6750
87	87	73	ENV	Min	0.00	-48.2558	-18.8207	-42.4205
89	89	2330	ENV	Max	0.00	11.2564	20.4359	3.8549
89	89	2331	ENV	Max	0.00	4.5533	30.6496	10.9801
89	89	97	ENV	Max	0.00	0.3888	12.9231	4.7873
89	89	96	ENV	Max	0.00	24.6498	48.5772	5.6720
89	89	2330	ENV	Min	0.00	-13.7967	-26.6871	-5.4510
89	89	2331	ENV	Min	0.00	-5.2652	-32.4849	-11.6103
89	89	97	ENV	Min	0.00	-0.8878	-14.8000	-4.5154
89	89	96	ENV	Min	0.00	-26.3962	-52.0762	-5.6804
91	91	2331	ENV	Max	0.00	11.1507	32.2162	10.9498
91	91	2332	ENV	Max	0.00	7.1605	21.0756	8.0911
91	91	98	ENV	Max	0.00	2.0084	13.1693	5.2273
91	91	97	ENV	Max	0.00	9.7314	15.1982	4.0364
91	91	2331	ENV	Min	0.00	-12.7390	-34.2979	-11.6148
91	91	2332	ENV	Min	0.00	-6.8973	-20.6963	-8.7822
91	91	98	ENV	Min	0.00	-2.8125	-13.7421	-5.3622
91	91	97	ENV	Min	0.00	-11.0571	-17.3117	-4.2720
93	93	2332	ENV	Max	0.00	10.1376	21.6937	7.6135
93	93	2333	ENV	Max	0.00	5.8804	20.4133	8.4860
93	93	99	ENV	Max	0.00	1.3429	9.0929	5.6519
93	93	98	ENV	Max	0.00	11.0867	15.0534	4.4867
93	93	2332	ENV	Min	0.00	-12.1458	-21.8701	-7.7507
93	93	2333	ENV	Min	0.00	-5.3298	-19.7002	-8.8501
93	93	99	ENV	Min	0.00	-1.8923	-9.0648	-5.6067
93	93	98	ENV	Min	0.00	-11.3906	-15.6275	-4.9943
95	95	2333	ENV	Max	0.00	9.7582	20.9284	7.8721
95	95	63	ENV	Max	0.00	8.4067	20.8937	7.2063
95	95	83	ENV	Max	0.00	0.1861	8.2511	5.5310
95	95	99	ENV	Max	0.00	10.6817	10.7165	4.0225
95	95	2333	ENV	Min	0.00	-10.6677	-20.4821	-7.7408
95	95	63	ENV	Min	0.00	-7.3932	-19.7444	-7.4873
95	95	83	ENV	Min	0.00	-0.5551	-7.9052	-5.5475

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Area	AreaElem	Joint	OutputCase	StepType	FVM	M11	M22	M12
					KN/m	KN-m/m	KN-m/m	KN-m/m
95	95	99	ENV	Min	0.00	-10.5165	-10.5200	-4.2165
193	193	52	ENV	Max	0.00	11.6434	37.3674	3.5596
193	193	69	ENV	Max	0.00	9.5977	19.2769	2.5034
193	193	178	ENV	Max	0.00	4.7003	13.0031	6.8396
193	193	179	ENV	Max	0.00	9.2415	11.0574	7.9119
193	193	52	ENV	Min	0.00	-32.5149	-63.0534	-2.4522
193	193	69	ENV	Min	0.00	-0.6798	-13.6647	-2.0017
193	193	178	ENV	Min	0.00	-3.7134	-16.5986	-3.8247
193	193	179	ENV	Min	0.00	-20.8741	-12.5164	-4.2913
194	194	179	ENV	Max	0.00	9.3620	11.6316	6.5775
194	194	178	ENV	Max	0.00	4.6326	12.5464	7.1481
194	194	180	ENV	Max	0.00	3.9150	4.1537	6.0929
194	194	181	ENV	Max	0.00	5.2437	3.1236	5.5264
194	194	179	ENV	Min	0.00	-21.1336	-13.7861	-3.7560
194	194	178	ENV	Min	0.00	-3.5613	-15.7200	-4.0523
194	194	180	ENV	Min	0.00	-6.1074	-5.2389	-3.6556
194	194	181	ENV	Min	0.00	-12.1760	-3.3266	-3.3633
195	195	181	ENV	Max	0.00	5.2350	3.0939	5.1819
195	195	180	ENV	Max	0.00	3.9196	4.1800	4.8581
195	195	508	ENV	Max	0.00	4.1761	0.0354	4.3778
195	195	56	ENV	Max	0.00	4.4275	0.0276	4.7040
195	195	181	ENV	Min	0.00	-12.1415	-3.1677	-3.3670
195	195	180	ENV	Min	0.00	-6.1459	-5.4348	-3.0353
195	195	508	ENV	Min	0.00	-7.3277	-0.0148	-2.8657
195	195	56	ENV	Min	0.00	-10.1265	-0.0763	-3.1999
196	196	69	ENV	Max	0.00	10.1363	19.3960	3.1139
196	196	57	ENV	Max	0.00	1.6227	26.0021	2.7401
196	196	182	ENV	Max	0.00	0.4339	12.9675	2.4931
196	196	178	ENV	Max	0.00	4.9743	13.0701	2.8842
196	196	69	ENV	Min	0.00	-2.0242	-13.9449	-4.8121
196	196	57	ENV	Min	0.00	-2.2219	-19.7483	-5.6243
196	196	182	ENV	Min	0.00	-0.2371	-10.7945	-4.2333
196	196	178	ENV	Min	0.00	-3.9726	-16.6627	-3.4385
197	197	178	ENV	Max	0.00	4.9064	12.6129	4.1513
197	197	182	ENV	Max	0.00	0.3408	13.2688	2.5028
197	197	183	ENV	Max	0.00	0.0845	5.4987	2.5919
197	197	180	ENV	Max	0.00	3.6742	4.1047	4.3633
197	197	178	ENV	Min	0.00	-3.8204	-15.7836	-3.4797
197	197	182	ENV	Min	0.00	-0.1709	-11.2299	-2.8262
197	197	183	ENV	Min	0.00	-0.0713	-6.5719	-2.2451
197	197	180	ENV	Min	0.00	-5.7268	-5.1621	-3.0215
198	198	180	ENV	Max	0.00	3.6784	4.1309	3.5410
198	198	183	ENV	Max	0.00	0.0930	5.4973	2.4590
198	198	34	ENV	Max	0.00	0.4307	0.0778	1.9681
198	198	508	ENV	Max	0.00	4.1839	0.0423	3.0519
198	198	180	ENV	Min	0.00	-5.7650	-5.3577	-2.4352
198	198	183	ENV	Min	0.00	-0.0379	-6.3609	-1.7754
198	198	34	ENV	Min	0.00	-0.2954	-0.0815	-1.3854
198	198	508	ENV	Min	0.00	-7.2391	-0.0024	-2.0468
199	199	60	ENV	Max	0.00	0.2751	31.9409	5.4216
199	199	499	ENV	Max	0.00	11.9401	24.9929	5.0224

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Area	AreaElem	Joint	OutputCase	StepType	FVM	M11	M22	M12
					KN/m	KN-m/m	KN-m/m	KN-m/m
199	199	184	ENV	Max	0.00	4.6735	11.9238	3.3494
199	199	185	ENV	Max	0.00	0.1698	14.9893	3.7503
199	199	60	ENV	Min	0.00	-0.3297	-25.4554	-3.5648
199	199	499	ENV	Min	0.00	-11.1351	-21.0854	-2.7605
199	199	184	ENV	Min	0.00	-3.5983	-9.5692	-1.5965
199	199	185	ENV	Min	0.00	-0.2311	-11.6965	-2.4024
200	200	185	ENV	Max	0.00	0.2108	15.2191	2.3391
200	200	184	ENV	Max	0.00	4.6419	11.7618	2.5104
200	200	186	ENV	Max	0.00	1.8137	3.4020	1.7355
200	200	187	ENV	Max	0.00	0.0962	4.6969	1.5648
200	200	185	ENV	Min	0.00	-0.2616	-11.8743	-1.1916
200	200	184	ENV	Min	0.00	-3.5714	-9.4305	-1.2266
200	200	186	ENV	Min	0.00	-1.0780	-2.4119	-0.7020
200	200	187	ENV	Min	0.00	-0.0326	-3.1536	-0.6676
201	201	187	ENV	Max	0.00	0.0827	4.8128	1.0269
201	201	186	ENV	Max	0.00	1.8007	3.3355	1.3160
201	201	521	ENV	Max	0.00	1.9257	0.0300	1.0551
201	201	35	ENV	Max	0.00	0.0060	0.0264	0.7657
201	201	187	ENV	Min	0.00	-0.0141	-3.2442	-0.3652
201	201	186	ENV	Min	0.00	-1.0670	-2.3553	-0.4144
201	201	521	ENV	Min	0.00	-0.7854	-0.0067	-0.2733
201	201	35	ENV	Min	0.00	-0.1364	-0.0567	-0.2239
202	202	499	ENV	Max	0.00	11.7329	25.0370	2.1251
202	202	500	ENV	Max	0.00	2.4448	22.8595	1.8550
202	202	188	ENV	Max	0.00	1.4656	10.3728	1.7344
202	202	184	ENV	Max	0.00	4.7547	11.9162	2.0265
202	202	499	ENV	Min	0.00	-8.9106	-20.7260	-0.1444
202	202	500	ENV	Min	0.00	-4.2737	-21.1575	0.2135
202	202	188	ENV	Min	0.00	-1.3065	-8.9782	0.0149
202	202	184	ENV	Min	0.00	-4.1281	-9.6513	-0.3650
203	203	184	ENV	Max	0.00	4.7232	11.7542	1.6532
203	203	188	ENV	Max	0.00	1.4747	10.4981	1.6490
203	203	189	ENV	Max	0.00	1.6423	2.7239	1.5726
203	203	186	ENV	Max	0.00	1.8172	3.4077	1.5475
203	203	184	ENV	Min	0.00	-4.1013	-9.5126	-0.2754
203	203	188	ENV	Min	0.00	-1.3115	-9.0833	-0.0273
203	203	189	ENV	Min	0.00	-1.3808	-2.0838	-0.0796
203	203	186	ENV	Min	0.00	-0.9637	-2.3940	-0.2984
204	204	186	ENV	Max	0.00	1.8042	3.3412	1.3484
204	204	189	ENV	Max	0.00	1.6413	2.7517	1.5866
204	204	522	ENV	Max	0.00	2.1645	0.0116	1.5707
204	204	521	ENV	Max	0.00	1.9254	0.0506	1.3523
204	204	186	ENV	Min	0.00	-0.9528	-2.3374	-0.1854
204	204	189	ENV	Min	0.00	-1.3782	-2.1038	-0.1423
204	204	522	ENV	Min	0.00	-1.6015	-0.0128	-0.1455
204	204	521	ENV	Min	0.00	-0.8606	-0.0424	-0.2084
205	205	500	ENV	Max	0.00	1.6288	22.7134	2.6186
205	205	501	ENV	Max	0.00	1.1881	16.7552	3.0063
205	205	190	ENV	Max	0.00	1.8955	8.5573	2.2334
205	205	188	ENV	Max	0.00	1.5838	10.3836	2.0019
205	205	500	ENV	Min	0.00	-2.2198	-20.7639	0.1252

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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
205	205	501	ENV	Min	0.00	-1.4503	-17.2434	-0.1841
205	205	190	ENV	Min	0.00	-2.3231	-8.2853	0.1328
205	205	188	ENV	Min	0.00	-1.7463	-9.0534	0.2859
206	206	188	ENV	Max	0.00	1.5931	10.5090	1.8521
206	206	190	ENV	Max	0.00	1.9104	8.4624	2.0886
206	206	191	ENV	Max	0.00	2.8984	2.1922	2.0467
206	206	189	ENV	Max	0.00	1.6436	2.6965	1.8087
206	206	188	ENV	Min	0.00	-1.7516	-9.1585	0.0668
206	206	190	ENV	Min	0.00	-2.3436	-8.2179	0.0819
206	206	191	ENV	Min	0.00	-3.1926	-1.9082	-0.0447
206	206	189	ENV	Min	0.00	-1.3196	-2.0439	-0.0582
207	207	189	ENV	Max	0.00	1.6426	2.7243	1.7990
207	207	191	ENV	Max	0.00	2.8986	2.1855	2.0358
207	207	523	ENV	Max	0.00	3.7650	0.0180	2.0466
207	207	522	ENV	Max	0.00	2.1005	0.0059	1.8146
207	207	189	ENV	Min	0.00	-1.3170	-2.0639	-0.0976
207	207	191	ENV	Min	0.00	-3.1944	-1.9096	-0.1337
207	207	523	ENV	Min	0.00	-3.8865	-0.0210	-0.1608
207	207	522	ENV	Min	0.00	-1.5364	-0.0069	-0.1295
208	208	501	ENV	Max	0.00	0.7050	16.5213	2.6232
208	208	502	ENV	Max	0.00	2.5520	17.0015	2.6658
208	208	192	ENV	Max	0.00	1.1429	7.2288	2.5487
208	208	190	ENV	Max	0.00	1.4771	8.6431	2.4762
208	208	501	ENV	Min	0.00	-1.1047	-17.0370	-0.0971
208	208	502	ENV	Min	0.00	-2.8579	-17.7773	-0.2889
208	208	192	ENV	Min	0.00	-1.6304	-7.4220	-0.2670
208	208	190	ENV	Min	0.00	-1.8665	-8.3634	-0.0452
209	209	190	ENV	Max	0.00	1.4919	8.5482	2.3145
209	209	192	ENV	Max	0.00	1.1403	7.2467	2.5248
209	209	193	ENV	Max	0.00	3.0959	1.4651	2.5077
209	209	191	ENV	Max	0.00	3.0037	2.1708	2.2755
209	209	190	ENV	Min	0.00	-1.8868	-8.2960	-0.0869
209	209	192	ENV	Min	0.00	-1.6269	-7.4359	-0.2505
209	209	193	ENV	Min	0.00	-3.4904	-1.4068	-0.3151
209	209	191	ENV	Min	0.00	-3.2949	-1.8862	-0.1296
210	210	191	ENV	Max	0.00	3.0039	2.1641	2.2732
210	210	193	ENV	Max	0.00	3.0975	1.4542	2.5111
210	210	524	ENV	Max	0.00	4.3087	0.0138	2.5279
210	210	523	ENV	Max	0.00	3.6602	0.0095	2.2870
210	210	191	ENV	Min	0.00	-3.2967	-1.8876	-0.2087
210	210	193	ENV	Min	0.00	-3.4928	-1.3997	-0.3417
210	210	524	ENV	Min	0.00	-4.6641	-0.0169	-0.3786
210	210	523	ENV	Min	0.00	-3.7448	-0.0051	-0.2426
211	211	502	ENV	Max	0.00	1.5668	16.8115	2.7520
211	211	503	ENV	Max	0.00	2.8452	17.5700	3.2225
211	211	194	ENV	Max	0.00	0.6332	7.0771	3.2432
211	211	192	ENV	Max	0.00	0.9872	7.2697	2.7750
211	211	502	ENV	Min	0.00	-2.2460	-17.6619	-0.5269
211	211	503	ENV	Min	0.00	-2.7436	-17.9940	-1.1228
211	211	194	ENV	Min	0.00	-0.9815	-7.1111	-1.0913
211	211	192	ENV	Min	0.00	-1.3787	-7.4437	-0.4977

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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
212	212	192	ENV	Max	0.00	0.9845	7.2876	2.7468
212	212	194	ENV	Max	0.00	0.6313	7.0821	3.3776
212	212	195	ENV	Max	0.00	2.9853	1.1504	3.4707
212	212	193	ENV	Max	0.00	3.1403	1.4515	2.8037
212	212	192	ENV	Min	0.00	-1.3751	-7.4575	-0.5169
212	212	194	ENV	Min	0.00	-0.9804	-7.1207	-1.1118
212	212	195	ENV	Min	0.00	-3.1118	-1.0462	-1.1900
212	212	193	ENV	Min	0.00	-3.5736	-1.4010	-0.5588
213	213	193	ENV	Max	0.00	3.1420	1.4407	2.9131
213	213	195	ENV	Max	0.00	2.9845	1.1507	3.5166
213	213	525	ENV	Max	0.00	4.3786	0.0069	3.5606
213	213	524	ENV	Max	0.00	4.1888	0.0177	2.9551
213	213	193	ENV	Min	0.00	-3.5760	-1.3940	-0.6827
213	213	195	ENV	Min	0.00	-3.1117	-1.0497	-1.2215
213	213	525	ENV	Min	0.00	-4.4550	-0.0093	-1.2736
213	213	524	ENV	Min	0.00	-4.5088	-0.0138	-0.7328
214	214	503	ENV	Max	0.00	2.2680	17.4790	3.8049
214	214	504	ENV	Max	0.00	2.6005	17.2967	4.4692
214	214	196	ENV	Max	0.00	1.1729	7.0731	4.7021
214	214	194	ENV	Max	0.00	0.7379	7.0986	4.0370
214	214	503	ENV	Min	0.00	-3.0611	-18.0819	-1.7797
214	214	504	ENV	Min	0.00	-1.9762	-16.6653	-2.4034
214	214	196	ENV	Min	0.00	-0.9950	-6.5739	-2.4570
214	214	194	ENV	Min	0.00	-0.8667	-7.0887	-1.8326
215	215	194	ENV	Max	0.00	0.7358	7.1036	4.1206
215	215	196	ENV	Max	0.00	1.1686	7.0821	4.9001
215	215	197	ENV	Max	0.00	3.6060	1.1802	4.9802
215	215	195	ENV	Max	0.00	2.9741	1.1359	4.2002
215	215	194	ENV	Min	0.00	-0.8655	-7.0983	-1.8309
215	215	196	ENV	Min	0.00	-0.9928	-6.5933	-2.5124
215	215	197	ENV	Min	0.00	-3.0961	-0.8898	-2.5299
215	215	195	ENV	Min	0.00	-3.1668	-1.0449	-1.8479
216	216	195	ENV	Max	0.00	2.9734	1.1362	4.2539
216	216	197	ENV	Max	0.00	3.6063	1.1807	4.9923
216	216	526	ENV	Max	0.00	4.9447	0.0027	4.9973
216	216	525	ENV	Max	0.00	4.3301	0.0078	4.2591
216	216	195	ENV	Min	0.00	-3.1668	-1.0484	-1.8811
216	216	197	ENV	Min	0.00	-3.0961	-0.8887	-2.5235
216	216	526	ENV	Min	0.00	-4.3603	-0.0056	-2.5374
216	216	525	ENV	Min	0.00	-4.3860	-0.0061	-1.8954
217	217	504	ENV	Max	0.00	2.0572	17.1758	5.0970
217	217	505	ENV	Max	0.00	2.6818	16.6043	5.9260
217	217	198	ENV	Max	0.00	2.1703	6.9811	6.3395
217	217	196	ENV	Max	0.00	1.3659	7.1086	5.5086
217	217	504	ENV	Min	0.00	-2.4505	-16.7479	-2.9494
217	217	505	ENV	Min	0.00	-1.1827	-14.1945	-3.6045
217	217	198	ENV	Min	0.00	-1.2343	-5.8978	-3.7535
217	217	196	ENV	Min	0.00	-0.9156	-6.5548	-3.0964
218	218	196	ENV	Max	0.00	1.3617	7.1175	5.6982
218	218	198	ENV	Max	0.00	2.1760	6.9697	6.5226
218	218	199	ENV	Max	0.00	4.6034	1.3493	6.5695

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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
218	218	197	ENV	Max	0.00	3.5068	1.1726	5.7449
218	218	196	ENV	Min	0.00	-0.9134	-6.5743	-3.1663
218	218	198	ENV	Min	0.00	-1.2372	-5.8728	-3.8002
218	218	199	ENV	Min	0.00	-3.2605	-1.0269	-3.8054
218	218	197	ENV	Min	0.00	-3.1021	-0.9032	-3.1712
219	219	197	ENV	Max	0.00	3.5072	1.1730	5.7846
219	219	199	ENV	Max	0.00	4.6016	1.3520	6.4227
219	219	527	ENV	Max	0.00	5.4458	0.0185	6.3689
219	219	526	ENV	Max	0.00	5.0303	0.0160	5.7313
219	219	197	ENV	Min	0.00	-3.1021	-0.9021	-3.1780
219	219	199	ENV	Min	0.00	-3.2597	-1.0347	-3.7378
219	219	527	ENV	Min	0.00	-4.2290	-0.0415	-3.7214
219	219	526	ENV	Min	0.00	-4.3862	-0.0069	-3.1621
220	220	505	ENV	Max	0.00	1.8834	16.4512	7.0429
220	220	506	ENV	Max	0.00	2.4520	15.7150	8.1746
220	220	200	ENV	Max	0.00	3.7806	7.1765	8.3972
220	220	198	ENV	Max	0.00	2.3377	7.0266	7.2640
220	220	505	ENV	Min	0.00	-1.7928	-14.3230	-4.3201
220	220	506	ENV	Min	0.00	0.0994	-11.7298	-4.9992
220	220	200	ENV	Min	0.00	-1.8140	-6.2618	-5.0930
220	220	198	ENV	Min	0.00	-1.1184	-5.8866	-4.4125
221	221	198	ENV	Max	0.00	2.3433	7.0152	7.4948
221	221	200	ENV	Max	0.00	3.7496	7.2419	7.8571
221	221	201	ENV	Max	0.00	4.3404	2.1755	7.5145
221	221	199	ENV	Max	0.00	4.4331	1.3476	7.1538
221	221	198	ENV	Min	0.00	-1.1214	-5.8616	-4.4767
221	221	200	ENV	Min	0.00	-1.7972	-6.3979	-4.8806
221	221	201	ENV	Min	0.00	-2.9603	-2.7783	-4.7184
221	221	199	ENV	Min	0.00	-3.2241	-1.0519	-4.3162
222	222	199	ENV	Max	0.00	4.4313	1.3503	6.9653
222	222	201	ENV	Max	0.00	4.3652	2.1269	6.9385
222	222	528	ENV	Max	0.00	3.7014	0.0201	6.7712
222	222	527	ENV	Max	0.00	5.8030	0.0308	6.7984
222	222	199	ENV	Min	0.00	-3.2233	-1.0597	-4.2341
222	222	201	ENV	Min	0.00	-2.9709	-2.6586	-4.4377
222	222	528	ENV	Min	0.00	-3.1478	-0.0307	-4.3633
222	222	527	ENV	Min	0.00	-4.3955	-0.0157	-4.1600
223	223	506	ENV	Max	0.00	1.9849	15.7164	10.1253
223	223	507	ENV	Max	0.00	9.0256	14.6416	9.0837
223	223	202	ENV	Max	0.00	0.5259	11.0470	7.9859
223	223	200	ENV	Max	0.00	4.4553	7.1896	9.0277
223	223	506	ENV	Min	0.00	-1.5546	-12.1554	-6.0370
223	223	507	ENV	Min	0.00	-2.4633	-10.5717	-5.8812
223	223	202	ENV	Min	0.00	-0.8318	-14.9650	-5.4457
223	223	200	ENV	Min	0.00	-1.9128	-6.1597	-5.6018
224	224	200	ENV	Max	0.00	4.4243	7.2549	7.7445
224	224	202	ENV	Max	0.00	0.6045	10.6674	5.9200
224	224	203	ENV	Max	0.00	0.4449	3.1419	4.9847
224	224	201	ENV	Max	0.00	4.3691	2.1663	6.8031
224	224	200	ENV	Min	0.00	-1.8959	-6.2956	-5.0813
224	224	202	ENV	Min	0.00	-0.8248	-14.1570	-4.4260

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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
224	224	203	ENV	Min	0.00	-2.8205	-4.1464	-3.9522
224	224	201	ENV	Min	0.00	-3.0027	-2.7719	-4.6013
225	225	201	ENV	Max	0.00	4.3939	2.1177	6.1619
225	225	203	ENV	Max	0.00	0.4565	3.2058	5.3035
225	225	529	ENV	Max	0.00	0.6391	0.0641	5.4525
225	225	528	ENV	Max	0.00	4.0231	0.0350	6.3111
225	225	201	ENV	Min	0.00	-3.0133	-2.6522	-4.2859
225	225	203	ENV	Min	0.00	-2.8571	-4.3355	-3.9706
225	225	529	ENV	Min	0.00	-3.6271	-0.0231	-3.9999
225	225	528	ENV	Min	0.00	-3.3374	-0.0192	-4.3154
226	226	507	ENV	Max	0.00	9.1514	14.4247	7.3994
226	226	52	ENV	Max	0.00	15.7008	38.1841	6.8608
226	226	179	ENV	Max	0.00	8.3263	10.8705	2.1301
226	226	202	ENV	Max	0.00	0.8138	11.0604	2.6878
226	226	507	ENV	Min	0.00	-3.2488	-10.4867	-5.5389
226	226	52	ENV	Min	0.00	-36.3764	-63.8310	-5.0661
226	226	179	ENV	Min	0.00	-20.1033	-12.3584	-2.8758
226	226	202	ENV	Min	0.00	-0.7305	-14.9005	-3.3677
227	227	202	ENV	Max	0.00	0.9125	10.6811	2.6101
227	227	179	ENV	Max	0.00	8.4468	11.4450	2.6496
227	227	181	ENV	Max	0.00	5.3226	3.1391	3.5244
227	227	203	ENV	Max	0.00	0.4650	3.1471	3.4109
227	227	202	ENV	Min	0.00	-0.7435	-14.0929	-3.1324
227	227	179	ENV	Min	0.00	-20.3629	-13.6284	-2.7171
227	227	181	ENV	Min	0.00	-12.2101	-3.3331	-2.8955
227	227	203	ENV	Min	0.00	-3.0937	-4.2022	-3.2367
228	228	203	ENV	Max	0.00	0.4769	3.2111	4.2376
228	228	181	ENV	Max	0.00	5.3139	3.1106	4.1399
228	228	56	ENV	Max	0.00	4.4478	0.0317	4.6792
228	228	529	ENV	Max	0.00	0.6643	0.0287	4.7744
228	228	203	ENV	Min	0.00	-3.1307	-4.3914	-3.4129
228	228	181	ENV	Min	0.00	-12.1757	-3.1754	-3.1890
228	228	56	ENV	Min	0.00	-10.2163	-0.0943	-3.4150
228	228	529	ENV	Min	0.00	-3.7940	-0.0161	-3.6365
229	229	50	ENV	Max	0.00	3.0872	49.7450	29.7957
229	229	58	ENV	Max	0.00	49.4591	17.3618	22.3623
229	229	204	ENV	Max	0.00	20.6804	4.6339	13.1512
229	229	205	ENV	Max	0.00	0.4395	20.9888	20.5664
229	229	50	ENV	Min	0.00	-4.0330	-41.0330	-28.0968
229	229	58	ENV	Min	0.00	-46.2044	-11.0677	-20.4599
229	229	204	ENV	Min	0.00	-20.4052	-5.6254	-12.2125
229	229	205	ENV	Min	0.00	-0.3715	-17.8658	-19.8311
230	230	205	ENV	Max	0.00	0.6457	19.7400	12.3954
230	230	204	ENV	Max	0.00	21.4602	1.6056	7.1992
230	230	206	ENV	Max	0.00	0.6426	5.6498	2.4802
230	230	207	ENV	Max	0.00	0.6652	5.5602	7.5768
230	230	205	ENV	Min	0.00	-0.6273	-16.8645	-12.0799
230	230	204	ENV	Min	0.00	-21.0585	-1.9644	-7.6299
230	230	206	ENV	Min	0.00	-3.3038	-7.0986	-3.4330
230	230	207	ENV	Min	0.00	-0.6533	-5.7690	-7.7834
231	231	207	ENV	Max	0.00	0.7603	6.0161	2.8272

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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
231	231	206	ENV	Max	0.00	0.6721	5.5482	1.0252
231	231	488	ENV	Max	0.00	2.6730	0.5207	0.5444
231	231	32	ENV	Max	0.00	0.4780	0.4479	1.4954
231	231	207	ENV	Min	0.00	-0.7367	-6.1671	-3.3965
231	231	206	ENV	Min	0.00	-3.3226	-6.9432	-2.0273
231	231	488	ENV	Min	0.00	-6.4420	-0.4625	-1.5256
231	231	32	ENV	Min	0.00	-0.3163	-0.4737	-2.0438
232	232	58	ENV	Max	0.00	54.2780	18.2965	4.6816
232	232	66	ENV	Max	0.00	58.0791	1.1680	2.4789
232	232	208	ENV	Max	0.00	47.7926	26.6972	2.1277
232	232	204	ENV	Max	0.00	20.0694	4.7538	3.5383
232	232	58	ENV	Min	0.00	-51.0303	-12.0039	-3.1203
232	232	66	ENV	Min	0.00	-71.4236	-6.3455	-1.5764
232	232	208	ENV	Min	0.00	-62.6395	-34.5602	-2.7848
232	232	204	ENV	Min	0.00	-19.2647	-5.6394	-3.5366
233	233	204	ENV	Max	0.00	20.8585	1.6702	2.9808
233	233	208	ENV	Max	0.00	50.6342	41.0258	2.9760
233	233	209	ENV	Max	0.00	23.9819	1.8634	4.8539
233	233	206	ENV	Max	0.00	0.3703	5.7588	4.9002
233	233	204	ENV	Min	0.00	-19.9272	-1.9231	-4.8664
233	233	208	ENV	Min	0.00	-65.9024	-50.9954	-4.2384
233	233	209	ENV	Min	0.00	-31.7740	-2.0995	-6.6670
233	233	206	ENV	Min	0.00	-3.3542	-7.2721	-7.3366
234	234	206	ENV	Max	0.00	0.3977	5.6577	3.1104
234	234	209	ENV	Max	0.00	24.1080	2.4795	3.5726
234	234	489	ENV	Max	0.00	19.2128	0.4065	2.3074
234	234	488	ENV	Max	0.00	2.8823	0.4542	1.8232
234	234	206	ENV	Min	0.00	-3.3708	-7.1172	-4.8954
234	234	209	ENV	Min	0.00	-31.9343	-2.8870	-5.3765
234	234	489	ENV	Min	0.00	-25.9327	-0.5192	-3.7939
234	234	488	ENV	Min	0.00	-6.6558	-0.3969	-3.2908
235	235	66	ENV	Max	0.00	28.7986	5.5968	0.4182
235	235	67	ENV	Max	0.00	3.3512	16.3458	1.0572
235	235	210	ENV	Max	0.00	3.5167	10.7989	3.6408
235	235	208	ENV	Max	0.00	38.2581	24.2202	1.6408
235	235	66	ENV	Min	0.00	-32.9865	-8.9430	-2.9679
235	235	67	ENV	Min	0.00	-0.4848	-10.3781	-5.3287
235	235	210	ENV	Min	0.00	-1.2851	-11.4915	-6.3971
235	235	208	ENV	Min	0.00	-49.0405	-31.2703	-2.6752
236	236	208	ENV	Max	0.00	41.0834	38.4685	1.7243
236	236	210	ENV	Max	0.00	2.9594	7.5958	1.4791
236	236	211	ENV	Max	0.00	9.7453	7.2926	2.9312
236	236	209	ENV	Max	0.00	26.7817	2.2985	3.5068
236	236	208	ENV	Min	0.00	-52.2871	-47.6252	-2.0880
236	236	210	ENV	Min	0.00	-0.5952	-7.6253	-2.4797
236	236	211	ENV	Min	0.00	-10.4199	-8.8447	-3.4542
236	236	209	ENV	Min	0.00	-35.4076	-2.7015	-3.3929
237	237	209	ENV	Max	0.00	26.9118	2.9420	1.5754
237	237	211	ENV	Max	0.00	9.6679	6.8888	2.0478
237	237	490	ENV	Max	0.00	13.0653	0.0747	1.4430
237	237	489	ENV	Max	0.00	18.1751	0.2789	1.4510

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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
237	237	209	ENV	Min	0.00	-35.5718	-3.5162	-2.2722
237	237	211	ENV	Min	0.00	-10.3267	-8.3614	-2.6500
237	237	490	ENV	Min	0.00	-15.3481	-0.0610	-2.4689
237	237	489	ENV	Min	0.00	-24.5236	-0.3173	-2.5715
238	238	67	ENV	Max	0.00	2.6348	16.2881	4.5191
238	238	68	ENV	Max	0.00	2.0070	10.0034	5.3798
238	238	212	ENV	Max	0.00	2.5248	6.9145	4.3126
238	238	210	ENV	Max	0.00	4.3658	10.9715	3.4570
238	238	67	ENV	Min	0.00	0.2280	-10.3212	-8.1880
238	238	68	ENV	Min	0.00	0.5081	-4.8806	-8.7968
238	238	212	ENV	Min	0.00	-0.1655	-4.6238	-7.4459
238	238	210	ENV	Min	0.00	-2.5059	-11.7385	-6.8422
239	239	210	ENV	Max	0.00	3.7427	7.7593	2.5389
239	239	212	ENV	Max	0.00	2.3688	7.6155	4.5190
239	239	213	ENV	Max	0.00	2.7341	2.8837	4.2819
239	239	211	ENV	Max	0.00	9.6621	7.3759	2.3824
239	239	210	ENV	Min	0.00	-1.7502	-7.8632	-4.9023
239	239	212	ENV	Min	0.00	-0.0438	-5.4959	-7.5442
239	239	213	ENV	Min	0.00	-0.2592	-2.5260	-6.8603
239	239	211	ENV	Min	0.00	-10.4478	-8.9501	-4.2990
240	240	211	ENV	Max	0.00	9.5849	6.9633	2.1622
240	240	213	ENV	Max	0.00	2.7184	2.9802	3.7080
240	240	491	ENV	Max	0.00	2.3223	0.0265	3.7223
240	240	490	ENV	Max	0.00	12.1183	0.3461	2.1896
240	240	211	ENV	Min	0.00	-10.3546	-8.4581	-3.8360
240	240	213	ENV	Min	0.00	-0.2421	-2.6154	-5.9362
240	240	491	ENV	Min	0.00	-0.0672	-0.0254	-5.9129
240	240	490	ENV	Min	0.00	-14.0855	-0.2692	-3.8257
241	241	68	ENV	Max	0.00	2.1973	9.7495	4.6754
241	241	72	ENV	Max	0.00	2.9012	14.5947	4.5411
241	241	214	ENV	Max	0.00	2.3463	6.9005	5.1464
241	241	212	ENV	Max	0.00	2.6754	6.9441	5.2805
241	241	68	ENV	Min	0.00	-0.0341	-4.6971	-7.4544
241	241	72	ENV	Min	0.00	-1.0717	-10.5638	-6.8094
241	241	214	ENV	Min	0.00	-0.3208	-4.6352	-7.5334
241	241	212	ENV	Min	0.00	-0.0745	-4.6051	-8.1783
242	242	212	ENV	Max	0.00	2.5205	7.6449	5.1369
242	242	214	ENV	Max	0.00	2.3845	6.7508	5.3779
242	242	215	ENV	Max	0.00	3.4894	2.2193	5.2514
242	242	213	ENV	Max	0.00	2.7022	2.8852	5.0086
242	242	212	ENV	Min	0.00	0.0461	-5.4770	-7.8983
242	242	214	ENV	Min	0.00	-0.3505	-4.4433	-7.8540
242	242	215	ENV	Min	0.00	-1.0824	-1.2694	-7.6168
242	242	213	ENV	Min	0.00	-0.2904	-2.5401	-7.6593
243	243	213	ENV	Max	0.00	2.6866	2.9816	4.7540
243	243	215	ENV	Max	0.00	3.5014	2.1684	5.3024
243	243	492	ENV	Max	0.00	4.4650	0.0785	5.2837
243	243	491	ENV	Max	0.00	2.3939	0.1336	4.7362
243	243	213	ENV	Min	0.00	-0.2733	-2.6294	-7.1749
243	243	215	ENV	Min	0.00	-1.0931	-1.2125	-7.6288
243	243	492	ENV	Min	0.00	-1.6540	-0.0590	-7.5436

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

Area	AreaElem	Joint	OutputCase	StepType	FVM KN/m	M11 KN-m/m	M22 KN-m/m	M12 KN-m/m
243	243	491	ENV	Min	0.00	-0.3673	-0.1783	-7.0905
244	244	493	ENV	Max	0.00	2.9381	0.0062	5.5284
244	244	492	ENV	Max	0.00	4.0931	0.0063	5.4376
244	244	215	ENV	Max	0.00	3.6695	2.1381	5.4359
244	244	216	ENV	Max	0.00	2.0680	2.3812	5.5264
244	244	493	ENV	Min	0.00	-0.7070	-0.0054	-7.1545
244	244	492	ENV	Min	0.00	-1.3973	-0.0099	-7.4113
244	244	215	ENV	Min	0.00	-1.2337	-1.1766	-7.4366
244	244	216	ENV	Min	0.00	-0.2352	-1.4303	-7.1793
245	245	216	ENV	Max	0.00	2.0702	2.3705	5.4104
245	245	215	ENV	Max	0.00	3.6575	2.1888	5.4517
245	245	214	ENV	Max	0.00	2.3538	6.7964	5.2315
245	245	217	ENV	Max	0.00	1.5282	8.5648	5.1908
245	245	216	ENV	Min	0.00	-0.2372	-1.4188	-7.0538
245	245	215	ENV	Min	0.00	-1.2229	-1.2334	-7.5014
245	245	214	ENV	Min	0.00	-0.2087	-4.4666	-7.2545
245	245	217	ENV	Min	0.00	-0.1679	-6.7139	-6.8075
246	246	217	ENV	Max	0.00	1.5257	8.5431	4.7227
246	246	214	ENV	Max	0.00	2.3171	6.9461	4.8744
246	246	72	ENV	Max	0.00	1.9606	14.4019	4.2295
246	246	74	ENV	Max	0.00	3.7549	18.1582	4.0828
246	246	217	ENV	Min	0.00	-0.1622	-6.6758	-6.2466
246	246	214	ENV	Min	0.00	-0.1804	-4.6586	-6.8139
246	246	72	ENV	Min	0.00	-0.4301	-10.4308	-5.9720
246	246	74	ENV	Min	0.00	-2.5350	-15.4992	-5.4097
247	247	494	ENV	Max	0.00	2.0983	0.0065	5.6903
247	247	493	ENV	Max	0.00	2.9199	0.0067	5.5830
247	247	216	ENV	Max	0.00	2.0957	2.3670	5.5703
247	247	218	ENV	Max	0.00	2.0172	3.0803	5.6774
247	247	494	ENV	Min	0.00	-0.3994	-0.0074	-6.5556
247	247	493	ENV	Min	0.00	-0.6943	-0.0071	-6.8296
247	247	216	ENV	Min	0.00	-0.2787	-1.4192	-6.8314
247	247	218	ENV	Min	0.00	-0.6900	-2.2227	-6.5574
248	248	218	ENV	Max	0.00	2.0189	3.0889	5.5670
248	248	216	ENV	Max	0.00	2.0980	2.3563	5.4435
248	248	217	ENV	Max	0.00	1.6580	8.5894	5.1684
248	248	219	ENV	Max	0.00	2.7125	10.5338	5.2925
248	248	218	ENV	Min	0.00	-0.6908	-2.2270	-6.4491
248	248	216	ENV	Min	0.00	-0.2808	-1.4077	-6.6993
248	248	217	ENV	Min	0.00	-0.1759	-6.7141	-6.3902
248	248	219	ENV	Min	0.00	-1.8604	-9.0571	-6.1406
249	249	219	ENV	Max	0.00	2.7007	10.4759	4.8570
249	249	217	ENV	Max	0.00	1.6555	8.5677	4.6922
249	249	74	ENV	Max	0.00	3.2020	18.0487	3.9788
249	249	75	ENV	Max	0.00	4.6010	22.1285	4.1443
249	249	219	ENV	Min	0.00	-1.8490	-9.0013	-5.6533
249	249	217	ENV	Min	0.00	-0.1702	-6.6761	-5.8116
249	249	74	ENV	Min	0.00	-2.4052	-15.4742	-4.9620
249	249	75	ENV	Min	0.00	-3.8238	-20.3149	-4.8045
250	250	495	ENV	Max	0.00	3.3695	0.0309	5.8805
250	250	494	ENV	Max	0.00	2.1275	0.0088	5.8122

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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
250	250	218	ENV	Max	0.00	1.9366	3.0630	5.8894
250	250	220	ENV	Max	0.00	3.7995	3.1280	5.9581
250	250	495	ENV	Min	0.00	-1.7898	-0.0405	-6.0008
250	250	494	ENV	Min	0.00	-0.4053	-0.0050	-6.3040
250	250	218	ENV	Min	0.00	-0.6479	-2.2131	-6.3817
250	250	220	ENV	Min	0.00	-2.5614	-2.2984	-6.0791
251	251	220	ENV	Max	0.00	3.7941	3.1018	6.1609
251	251	218	ENV	Max	0.00	1.9382	3.0716	5.7810
251	251	219	ENV	Max	0.00	2.7541	10.5414	5.6178
251	251	221	ENV	Max	0.00	4.5588	12.6339	5.9947
251	251	220	ENV	Min	0.00	-2.5562	-2.2730	-6.2726
251	251	218	ENV	Min	0.00	-0.6487	-2.2174	-6.2809
251	251	219	ENV	Min	0.00	-1.7903	-9.0424	-6.1250
251	251	221	ENV	Min	0.00	-3.8923	-11.1234	-6.1137
252	252	221	ENV	Max	0.00	4.6115	12.8889	5.6415
252	252	219	ENV	Max	0.00	2.7423	10.4835	5.1066
252	252	75	ENV	Max	0.00	4.4551	22.0981	4.5246
252	252	76	ENV	Max	0.00	5.8222	25.0478	5.0581
252	252	221	ENV	Min	0.00	-3.9403	-11.3555	-5.8362
252	252	219	ENV	Min	0.00	-1.7790	-8.9866	-5.5708
252	252	75	ENV	Min	0.00	-4.0313	-20.3552	-4.9939
252	252	76	ENV	Min	0.00	-5.3365	-23.3491	-5.2578
253	253	496	ENV	Max	0.00	2.5249	0.0256	5.1119
253	253	495	ENV	Max	0.00	3.6655	0.0270	5.7504
253	253	220	ENV	Max	0.00	3.7755	3.1225	5.9610
253	253	222	ENV	Max	0.00	4.1798	1.4376	5.3228
253	253	496	ENV	Min	0.00	-0.7617	-0.0250	-4.5920
253	253	495	ENV	Min	0.00	-2.0286	-0.0252	-5.5272
253	253	220	ENV	Min	0.00	-2.5918	-2.3037	-5.7015
253	253	222	ENV	Min	0.00	-2.5577	-0.7841	-4.7667
254	254	222	ENV	Max	0.00	4.1567	1.3720	6.0236
254	254	220	ENV	Max	0.00	3.7702	3.0963	6.2357
254	254	221	ENV	Max	0.00	4.2410	12.5731	6.8676
254	254	223	ENV	Max	0.00	7.6398	10.4848	6.6569
254	254	222	ENV	Min	0.00	-2.5354	-0.7220	-5.3696
254	254	220	ENV	Min	0.00	-2.5866	-2.2783	-5.9613
254	254	221	ENV	Min	0.00	-3.4672	-11.0411	-6.5557
254	254	223	ENV	Min	0.00	-6.4149	-8.8956	-5.9654
255	255	223	ENV	Max	0.00	7.5069	9.8717	8.0899
255	255	221	ENV	Max	0.00	4.2936	12.8280	6.5132
255	255	76	ENV	Max	0.00	5.8707	25.0343	5.7142
255	255	77	ENV	Max	0.00	8.7894	35.8059	7.2451
255	255	223	ENV	Min	0.00	-6.2869	-8.3072	-7.3604
255	255	221	ENV	Min	0.00	-3.5152	-11.2731	-6.2635
255	255	76	ENV	Min	0.00	-5.9351	-23.4457	-5.6329
255	255	77	ENV	Min	0.00	-7.8358	-32.6386	-6.6842
256	256	497	ENV	Max	0.00	7.8078	0.1477	2.8776
256	256	496	ENV	Max	0.00	2.6240	0.0234	4.0981
256	256	222	ENV	Max	0.00	4.2765	1.4441	3.8511
256	256	224	ENV	Max	0.00	6.2580	1.1552	2.6443
256	256	497	ENV	Min	0.00	-6.2716	-0.1884	-2.0073

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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
256	256	496	ENV	Min	0.00	-0.7727	-0.0052	-3.3595
256	256	222	ENV	Min	0.00	-2.6986	-0.7994	-3.0723
256	256	224	ENV	Min	0.00	-4.6418	-0.8169	-1.7337
257	257	224	ENV	Max	0.00	6.1864	1.0650	2.0135
257	257	222	ENV	Max	0.00	4.2534	1.3762	4.5311
257	257	223	ENV	Max	0.00	8.6463	10.6742	5.1906
257	257	225	ENV	Max	0.00	2.4975	4.9214	2.5431
257	257	224	ENV	Min	0.00	-4.5735	-0.7429	-1.0408
257	257	222	ENV	Min	0.00	-2.6762	-0.7350	-3.6426
257	257	223	ENV	Min	0.00	-7.2284	-9.0464	-4.1601
257	257	225	ENV	Min	0.00	-0.6557	-3.9761	-1.4283
258	258	225	ENV	Max	0.00	2.6216	5.2036	3.9224
258	258	223	ENV	Max	0.00	8.5134	10.0593	7.3696
258	258	77	ENV	Max	0.00	6.7952	35.4010	12.0838
258	258	78	ENV	Max	0.00	20.5473	10.7413	8.5825
258	258	225	ENV	Min	0.00	-0.7809	-4.2638	-2.5384
258	258	223	ENV	Min	0.00	-7.1004	-8.4562	-6.2326
258	258	77	ENV	Min	0.00	-6.6195	-32.3893	-10.7505
258	258	78	ENV	Min	0.00	-17.5526	-7.9277	-7.0022
259	259	498	ENV	Max	0.00	12.1773	0.5183	1.5585
259	259	497	ENV	Max	0.00	8.2440	0.0770	1.9194
259	259	224	ENV	Max	0.00	6.2568	1.1515	1.5921
259	259	226	ENV	Max	0.00	13.0445	1.5833	1.2351
259	259	498	ENV	Min	0.00	-11.7865	-0.3873	-0.5993
259	259	497	ENV	Min	0.00	-6.6339	-0.1029	-0.9659
259	259	224	ENV	Min	0.00	-4.6876	-0.8225	-0.6676
259	259	226	ENV	Min	0.00	-12.5954	-1.6399	-0.3050
260	260	226	ENV	Max	0.00	13.2069	1.0070	1.2421
260	260	224	ENV	Max	0.00	6.1853	1.0588	1.7722
260	260	225	ENV	Max	0.00	2.3884	4.8004	2.8607
260	260	227	ENV	Max	0.00	18.5531	6.8971	1.9699
260	260	226	ENV	Min	0.00	-12.7443	-0.9966	-0.2832
260	260	224	ENV	Min	0.00	-4.6193	-0.7460	-0.8232
260	260	225	ENV	Min	0.00	-0.4742	-3.8407	-1.8414
260	260	227	ENV	Min	0.00	-18.3135	-6.7694	-0.9408
261	261	227	ENV	Max	0.00	18.6250	6.6682	3.8894
261	261	225	ENV	Max	0.00	2.3538	5.0402	4.5284
261	261	78	ENV	Max	0.00	26.5835	11.2694	7.1775
261	261	79	ENV	Max	0.00	44.7996	10.2877	6.5394
261	261	227	ENV	Min	0.00	-18.3855	-6.5411	-2.6708
261	261	225	ENV	Min	0.00	-0.4406	-4.0859	-3.4221
261	261	78	ENV	Min	0.00	-23.7888	-8.4959	-5.7931
261	261	79	ENV	Min	0.00	-45.3561	-9.9796	-5.0427
262	262	31	ENV	Max	0.00	5.7976	1.4156	1.3713
262	262	498	ENV	Max	0.00	12.4955	0.5815	1.3628
262	262	226	ENV	Max	0.00	12.5943	1.6557	1.7950
262	262	228	ENV	Max	0.00	5.4175	0.9011	1.8018
262	262	31	ENV	Min	0.00	-6.2095	-1.9935	-0.4878
262	262	498	ENV	Min	0.00	-12.0856	-0.4466	-0.4992
262	262	226	ENV	Min	0.00	-12.1938	-1.7220	-0.8194
262	262	228	ENV	Min	0.00	-5.9125	-1.4282	-0.8061

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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
263	263	228	ENV	Max	0.00	4.9597	1.5391	2.4768
263	263	226	ENV	Max	0.00	12.7566	1.0597	2.6234
263	263	227	ENV	Max	0.00	18.7481	6.8875	4.3221
263	263	229	ENV	Max	0.00	2.2497	3.3472	4.1241
263	263	228	ENV	Min	0.00	-5.5061	-2.3236	-1.2698
263	263	226	ENV	Min	0.00	-12.3428	-1.0590	-1.6011
263	263	227	ENV	Min	0.00	-18.4562	-6.7493	-3.1103
263	263	229	ENV	Min	0.00	-3.2510	-4.2786	-2.7274
264	264	229	ENV	Max	0.00	2.0887	3.2614	7.9200
264	264	227	ENV	Max	0.00	18.8200	6.6596	6.9638
264	264	79	ENV	Max	0.00	45.7645	10.1602	11.8854
264	264	73	ENV	Max	0.00	26.3533	7.7873	12.8352
264	264	229	ENV	Min	0.00	-3.0918	-4.2019	-6.3416
264	264	227	ENV	Min	0.00	-18.5282	-6.5220	-5.4266
264	264	79	ENV	Min	0.00	-46.2830	-9.8445	-9.8973
264	264	73	ENV	Min	0.00	-26.8925	-9.9966	-10.8058
307	307	1	ENV	Max	0.00	14.2458	28.6488	47.1798
307	307	324	ENV	Max	0.00	134.7022	40.6751	37.7112
307	307	325	ENV	Max	0.00	98.4499	273.4028	34.0151
307	307	326	ENV	Max	0.00	47.6815	146.3622	63.4396
307	307	1	ENV	Min	0.00	-35.6026	-37.7722	-25.0317
307	307	324	ENV	Min	0.00	-63.0033	-22.7534	-59.4407
307	307	325	ENV	Min	0.00	-293.9663	-348.5906	-56.4131
307	307	326	ENV	Min	0.00	-27.5248	-166.6826	-41.9600
308	308	326	ENV	Max	0.00	42.8766	127.7482	37.6123
308	308	325	ENV	Max	0.00	92.8873	333.8074	52.8047
308	308	327	ENV	Max	0.00	78.9530	52.4432	61.4431
308	308	328	ENV	Max	0.00	8.0180	92.7700	23.0822
308	308	326	ENV	Min	0.00	-25.6074	-162.5060	-53.8757
308	308	325	ENV	Min	0.00	-282.0812	-377.3821	-30.4244
308	308	327	ENV	Min	0.00	-38.6552	-38.6029	-34.1003
308	308	328	ENV	Min	0.00	-19.0896	-81.2191	-34.3830
309	309	328	ENV	Max	0.00	6.5754	57.9744	25.1635
309	309	327	ENV	Max	0.00	80.8110	26.4494	11.3976
309	309	329	ENV	Max	0.00	5.0448	4.5728	5.2200
309	309	330	ENV	Max	0.00	6.8666	19.9729	13.7046
309	309	328	ENV	Min	0.00	-18.0739	-48.5578	-14.8470
309	309	327	ENV	Min	0.00	-40.3392	-11.7391	-8.2285
309	309	329	ENV	Min	0.00	-16.2686	-2.7651	-4.0772
309	309	330	ENV	Min	0.00	-2.5364	-10.1543	-5.4145
310	310	330	ENV	Max	0.00	7.2334	15.2560	3.5646
310	310	329	ENV	Max	0.00	5.2372	8.2968	5.9991
310	310	331	ENV	Max	0.00	3.3884	2.8439	3.9755
310	310	332	ENV	Max	0.00	0.8907	6.7056	1.5410
310	310	330	ENV	Min	0.00	-2.8766	-5.3042	-1.4829
310	310	329	ENV	Min	0.00	-16.4421	-6.3944	-2.4090
310	310	331	ENV	Min	0.00	-3.6321	-2.1569	-1.6694
310	310	332	ENV	Min	0.00	-2.3166	-4.8554	-0.7432
311	311	332	ENV	Max	0.00	0.8498	6.3817	1.7371
311	311	331	ENV	Max	0.00	3.4388	3.9898	1.2886
311	311	333	ENV	Max	0.00	0.1291	0.3493	0.7799

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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
311	311	334	ENV	Max	0.00	0.5488	1.1839	1.2111
311	311	332	ENV	Min	0.00	-2.2288	-4.2971	-0.7305
311	311	331	ENV	Min	0.00	-3.6852	-3.3170	-0.5562
311	311	333	ENV	Min	0.00	-4.5571	-1.3013	-0.3964
311	311	334	ENV	Min	0.00	-0.2123	-1.1882	-0.5535
312	312	334	ENV	Max	0.00	0.5596	1.2616	1.0853
312	312	333	ENV	Max	0.00	0.1346	0.3781	1.2071
312	312	335	ENV	Max	0.00	0.4924	0.7094	1.1518
312	312	336	ENV	Max	0.00	0.2972	1.2939	1.0295
312	312	334	ENV	Min	0.00	-0.2123	-1.2121	-0.6704
312	312	333	ENV	Min	0.00	-4.5479	-1.2909	-0.7617
312	312	335	ENV	Min	0.00	-4.1949	-1.3954	-0.7534
312	312	336	ENV	Min	0.00	-0.1291	-1.0956	-0.6617
313	313	336	ENV	Max	0.00	0.2737	1.3579	0.5024
313	313	335	ENV	Max	0.00	0.3702	0.2846	0.7986
313	313	337	ENV	Max	0.00	3.6175	4.0879	0.3349
313	313	338	ENV	Max	0.00	0.5451	6.3948	0.3456
313	313	336	ENV	Min	0.00	-0.1155	-1.2087	-0.4218
313	313	335	ENV	Min	0.00	-4.1901	-1.0189	-0.3174
313	313	337	ENV	Min	0.00	-3.5888	-3.1403	-0.2025
313	313	338	ENV	Min	0.00	-1.3547	-4.0275	-0.6139
314	314	338	ENV	Max	0.00	0.5875	6.7682	1.2873
314	314	337	ENV	Max	0.00	3.4106	3.0365	1.4283
314	314	339	ENV	Max	0.00	6.0395	9.2003	2.1745
314	314	340	ENV	Max	0.00	3.6410	12.7220	1.7999
314	314	338	ENV	Min	0.00	-1.4146	-4.4880	-1.0800
314	314	337	ENV	Min	0.00	-3.3921	-2.1400	-3.0068
314	314	339	ENV	Min	0.00	-15.8666	-6.7485	-4.5654
314	314	340	ENV	Min	0.00	-1.6499	-5.4500	-2.4050
315	315	340	ENV	Max	0.00	3.4870	18.1643	3.5833
315	315	339	ENV	Max	0.00	5.6889	4.3454	6.7145
315	315	341	ENV	Max	0.00	66.4306	20.6590	8.2520
315	315	342	ENV	Max	0.00	1.4377	42.7380	11.1723
315	315	340	ENV	Min	0.00	-1.3226	-10.0258	-10.0687
315	315	339	ENV	Min	0.00	-15.7222	-2.9246	-5.1050
315	315	341	ENV	Min	0.00	-35.0126	-11.0711	-6.0114
315	315	342	ENV	Min	0.00	-3.8422	-47.3074	-17.0267
316	316	342	ENV	Max	0.00	6.0025	71.9081	41.7900
316	316	341	ENV	Max	0.00	65.3246	44.9716	28.2694
316	316	343	ENV	Max	0.00	100.5257	286.4674	27.5759
316	316	20	ENV	Max	0.00	19.4045	82.0886	57.1357
316	316	342	ENV	Min	0.00	-8.3881	-76.3828	-18.1351
316	316	341	ENV	Min	0.00	-33.7587	-34.6440	-50.3186
316	316	343	ENV	Min	0.00	-288.4106	-357.8887	-47.0836
316	316	20	ENV	Min	0.00	-39.6465	-124.5127	-30.9392
317	317	324	ENV	Max	0.00	60.9429	20.1070	10.5676
317	317	344	ENV	Max	0.00	117.9329	12.9694	26.5796
317	317	345	ENV	Max	0.00	46.5225	53.3494	69.8644
317	317	325	ENV	Max	0.00	321.9048	301.0742	47.5828
317	317	324	ENV	Min	0.00	-154.4002	-35.2165	-34.6692
317	317	344	ENV	Min	0.00	-53.3849	-5.9253	-14.5469

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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
317	317	345	ENV	Min	0.00	-81.4244	-54.2889	-51.2104
317	317	325	ENV	Min	0.00	-145.9757	-301.9729	-65.0631
318	318	325	ENV	Max	0.00	345.1344	384.0558	66.0025
318	318	345	ENV	Max	0.00	51.5059	54.1709	43.8202
318	318	346	ENV	Max	0.00	59.4768	14.8828	22.8140
318	318	327	ENV	Max	0.00	29.1033	47.0129	39.6990
318	318	325	ENV	Min	0.00	-162.8827	-353.3414	-40.8864
318	318	345	ENV	Min	0.00	-87.2716	-59.4293	-52.1325
318	318	346	ENV	Min	0.00	-26.8551	-10.4950	-31.1843
318	318	327	ENV	Min	0.00	-76.2405	-50.6596	-14.6409
319	319	327	ENV	Max	0.00	30.4363	20.3961	16.5448
319	319	346	ENV	Max	0.00	59.7763	14.8240	19.7892
319	319	347	ENV	Max	0.00	5.9237	3.2087	9.7619
319	319	329	ENV	Max	0.00	17.6969	8.4918	6.3987
319	319	327	ENV	Min	0.00	-77.3995	-23.1728	-12.8395
319	319	346	ENV	Min	0.00	-26.9669	-9.4979	-11.8695
319	319	347	ENV	Min	0.00	-15.2750	-3.6660	-4.1915
319	319	329	ENV	Min	0.00	-7.7337	-2.4467	-5.0427
320	320	329	ENV	Max	0.00	17.4608	11.2801	5.6617
320	320	347	ENV	Max	0.00	5.8568	4.2949	3.5175
320	320	348	ENV	Max	0.00	8.9071	1.7648	2.0689
320	320	331	ENV	Max	0.00	1.4784	2.5260	3.9756
320	320	329	ENV	Min	0.00	-7.4786	-5.1403	-2.7268
320	320	347	ENV	Min	0.00	-15.2378	-4.9587	-2.7358
320	320	348	ENV	Min	0.00	-12.7190	-2.7670	-2.2658
320	320	331	ENV	Min	0.00	-6.7588	-2.8464	-2.0192
321	321	331	ENV	Max	0.00	1.5546	3.7097	0.9087
321	321	348	ENV	Max	0.00	9.7729	5.6844	1.2481
321	321	349	ENV	Max	0.00	7.3645	2.0675	0.7843
321	321	333	ENV	Max	0.00	-0.1486	0.2265	1.2161
321	321	331	ENV	Min	0.00	-6.8378	-4.0442	-0.4746
321	321	348	ENV	Min	0.00	-12.7692	-5.9288	-0.7731
321	321	349	ENV	Min	0.00	-14.6532	-2.9128	-0.4325
321	321	333	ENV	Min	0.00	-3.7658	-0.9802	-0.9052
322	322	333	ENV	Max	0.00	-0.1131	0.2734	1.5037
322	322	349	ENV	Max	0.00	7.3341	2.0504	0.7501
322	322	350	ENV	Max	0.00	8.8791	2.4369	0.5495
322	322	335	ENV	Max	0.00	0.5656	0.7149	1.3027
322	322	333	ENV	Min	0.00	-3.7565	-0.9854	-1.0415
322	322	349	ENV	Min	0.00	-14.7017	-3.1554	-0.4714
322	322	350	ENV	Min	0.00	-15.0783	-3.0962	-0.2720
322	322	335	ENV	Min	0.00	-3.6757	-1.2513	-0.8418
323	323	335	ENV	Max	0.00	0.4496	0.1865	1.1349
323	323	350	ENV	Max	0.00	8.5230	2.3852	0.6166
323	323	351	ENV	Max	0.00	11.1606	4.8238	0.6168
323	323	337	ENV	Max	0.00	2.2799	3.7517	0.4417
323	323	335	ENV	Min	0.00	-3.6708	-0.9061	-0.5481
323	323	350	ENV	Min	0.00	-15.0701	-3.0333	-0.4162
323	323	351	ENV	Min	0.00	-14.4608	-5.1726	-0.4783
323	323	337	ENV	Min	0.00	-6.5420	-3.6622	0.0907
324	324	337	ENV	Max	0.00	2.0621	2.6460	1.5886

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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
324	324	351	ENV	Max	0.00	10.5283	1.8424	2.2244
324	324	352	ENV	Max	0.00	7.3477	1.1624	3.3372
324	324	339	ENV	Max	0.00	15.5864	11.4728	2.7501
324	324	337	ENV	Min	0.00	-6.3344	-2.6077	-2.6767
324	324	351	ENV	Min	0.00	-14.3615	-2.8415	-1.2086
324	324	352	ENV	Min	0.00	-14.4010	-3.1686	-3.4738
324	324	339	ENV	Min	0.00	-6.5942	-5.2572	-4.9905
325	325	339	ENV	Max	0.00	15.2713	6.6874	7.5763
325	325	352	ENV	Max	0.00	7.5550	4.5033	3.5377
325	325	353	ENV	Max	0.00	49.8316	12.1888	10.3250
325	325	341	ENV	Max	0.00	32.2367	14.2460	14.0995
325	325	339	ENV	Min	0.00	-6.4853	-1.5029	-7.0138
325	325	352	ENV	Min	0.00	-14.1445	-3.7106	-8.9973
325	325	353	ENV	Min	0.00	-27.2062	-7.7193	-16.7853
325	325	341	ENV	Min	0.00	-81.0625	-20.7069	-14.5377
326	326	341	ENV	Max	0.00	30.7959	38.3308	16.1035
326	326	353	ENV	Max	0.00	48.7846	15.4948	33.7494
326	326	354	ENV	Max	0.00	34.2456	40.4532	53.8165
326	326	343	ENV	Max	0.00	316.7780	325.3537	38.0411
326	326	341	ENV	Min	0.00	-79.4738	-44.0520	-38.6193
326	326	353	ENV	Min	0.00	-26.6033	-13.2462	-20.1749
326	326	354	ENV	Min	0.00	-59.3084	-60.1668	-37.6198
326	326	343	ENV	Min	0.00	-153.2003	-326.4825	-57.9347
327	327	344	ENV	Max	0.00	69.8638	7.3929	15.6885
327	327	355	ENV	Max	0.00	6.5227	2.3438	6.8831
327	327	356	ENV	Max	0.00	2.1929	10.9685	3.9968
327	327	345	ENV	Max	0.00	27.5393	60.9282	4.9174
327	327	344	ENV	Min	0.00	-18.0086	-2.8874	-12.6390
327	327	355	ENV	Min	0.00	-11.2602	-3.5943	-8.3094
327	327	356	ENV	Min	0.00	-0.9855	-12.2726	-5.8224
327	327	345	ENV	Min	0.00	-0.8942	-49.5583	-2.2671
328	328	345	ENV	Max	0.00	35.7780	58.3178	3.2688
328	328	356	ENV	Max	0.00	5.6949	13.8852	2.7681
328	328	357	ENV	Max	0.00	3.0858	6.1799	5.3746
328	328	346	ENV	Max	0.00	47.8693	19.5892	8.9357
328	328	345	ENV	Min	0.00	-9.9967	-51.2668	-5.3510
328	328	356	ENV	Min	0.00	-4.5612	-14.2172	-2.6695
328	328	357	ENV	Min	0.00	-5.7606	-6.0610	-5.2077
328	328	346	ENV	Min	0.00	-8.2611	-13.8041	-10.9496
329	329	346	ENV	Max	0.00	48.2622	19.7347	1.4597
329	329	357	ENV	Max	0.00	3.0341	3.9681	2.9224
329	329	358	ENV	Max	0.00	3.2642	1.0075	1.3038
329	329	347	ENV	Max	0.00	32.1382	7.1709	4.1550
329	329	346	ENV	Min	0.00	-8.4663	-13.0112	-0.9186
329	329	357	ENV	Min	0.00	-5.7614	-4.1118	-4.0168
329	329	358	ENV	Min	0.00	-3.4693	-1.2678	-2.1736
329	329	347	ENV	Min	0.00	-1.4498	-0.9586	-3.3894
330	330	347	ENV	Max	0.00	32.1753	8.8966	2.3691
330	330	358	ENV	Max	0.00	3.3484	0.7367	1.3762
330	330	359	ENV	Max	0.00	1.7414	0.6480	0.6988
330	330	348	ENV	Max	0.00	30.2985	5.8365	1.1245

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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
330	330	347	ENV	Min	0.00	-1.7130	-2.8909	-2.2276
330	330	358	ENV	Min	0.00	-3.5313	-0.8861	-1.7780
330	330	359	ENV	Min	0.00	-2.3801	-1.0240	-1.1836
330	330	348	ENV	Min	0.00	0.2211	0.4516	-1.0659
331	331	348	ENV	Max	0.00	30.2483	8.0309	0.6965
331	331	359	ENV	Max	0.00	1.9208	0.3701	0.7273
331	331	360	ENV	Max	0.00	1.9182	0.7251	1.1609
331	331	349	ENV	Max	0.00	29.0710	5.8320	1.1348
331	331	348	ENV	Min	0.00	0.0266	-2.8634	-0.8110
331	331	359	ENV	Min	0.00	-2.5574	-0.6948	-1.1110
331	331	360	ENV	Min	0.00	-1.7376	-0.8702	-1.5863
331	331	349	ENV	Min	0.00	0.8916	0.4696	-1.2911
332	332	349	ENV	Max	0.00	29.0225	5.5894	0.7676
332	332	360	ENV	Max	0.00	1.9291	0.5870	1.0655
332	332	361	ENV	Max	0.00	2.0626	0.6028	0.8043
332	332	350	ENV	Max	0.00	27.7085	5.4830	0.5581
332	332	349	ENV	Min	0.00	0.9131	0.6442	-0.9510
332	332	360	ENV	Min	0.00	-1.7324	-0.6729	-1.5121
332	332	361	ENV	Min	0.00	-1.9254	-0.3682	-1.1807
332	332	350	ENV	Min	0.00	-0.1167	-0.6257	-0.6714
333	333	350	ENV	Max	0.00	27.7167	5.5240	0.8087
333	333	361	ENV	Max	0.00	2.0609	0.6509	0.7902
333	333	362	ENV	Max	0.00	2.9846	1.1488	0.5943
333	333	351	ENV	Max	0.00	26.2844	7.5516	0.6468
333	333	350	ENV	Min	0.00	0.3922	0.2925	-0.9266
333	333	361	ENV	Min	0.00	-1.8356	-0.5043	-1.1155
333	333	362	ENV	Min	0.00	-2.8316	-0.9246	-0.9705
333	333	351	ENV	Min	0.00	-2.5524	-2.6401	-0.8156
334	334	351	ENV	Max	0.00	26.2511	5.2810	1.1529
334	334	362	ENV	Max	0.00	2.8205	0.6985	-0.1324
334	334	363	ENV	Max	0.00	4.2163	1.2248	0.2224
334	334	352	ENV	Max	0.00	22.5460	4.6109	1.4657
334	334	351	ENV	Min	0.00	-1.8921	0.6897	-1.2030
334	334	362	ENV	Min	0.00	-2.6868	-0.3200	-0.3953
334	334	363	ENV	Min	0.00	-3.8185	-0.6008	-0.5429
334	334	352	ENV	Min	0.00	0.3996	-1.2264	-1.3085
335	335	352	ENV	Max	0.00	22.8025	7.2514	2.2368
335	335	363	ENV	Max	0.00	3.8528	1.3747	1.2166
335	335	364	ENV	Max	0.00	-0.2009	-0.8230	2.9976
335	335	353	ENV	Max	0.00	35.3737	19.4618	0.0790
335	335	352	ENV	Min	0.00	1.4808	-1.2374	-3.1731
335	335	363	ENV	Min	0.00	-3.5857	-1.4045	-0.9311
335	335	364	ENV	Min	0.00	-4.4996	-3.6341	-3.8049
335	335	353	ENV	Min	0.00	-4.7496	-13.3926	-2.1555
336	336	353	ENV	Max	0.00	34.7164	22.4028	12.6790
336	336	364	ENV	Max	0.00	-0.0803	2.3510	3.1513
336	336	365	ENV	Max	0.00	3.5585	18.8170	2.2862
336	336	354	ENV	Max	0.00	31.2307	39.7159	10.2829
336	336	353	ENV	Min	0.00	-4.5365	-18.5545	-8.6275
336	336	364	ENV	Min	0.00	-4.4687	-6.0510	-11.6309
336	336	365	ENV	Min	0.00	-7.3518	-35.5901	-11.1540

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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
336	336	354	ENV	Min	0.00	-68.1066	-61.7921	-6.6196
337	337	355	ENV	Max	0.00	5.1613	2.7695	1.2879
337	337	366	ENV	Max	0.00	1.0675	1.2802	1.0890
337	337	367	ENV	Max	0.00	1.1802	2.8311	0.9990
337	337	356	ENV	Max	0.00	2.7255	11.1089	1.4508
337	337	355	ENV	Min	0.00	-7.7274	-3.5857	-2.7968
337	337	366	ENV	Min	0.00	-7.2468	-1.1526	-2.0483
337	337	367	ENV	Min	0.00	-6.9771	-4.0499	-1.3304
337	337	356	ENV	Min	0.00	-3.5456	-12.7648	-2.3317
338	338	356	ENV	Max	0.00	4.3777	13.7289	1.1860
338	338	367	ENV	Max	0.00	1.0943	2.8038	0.8053
338	338	368	ENV	Max	0.00	0.4788	0.9660	1.0160
338	338	357	ENV	Max	0.00	2.8217	6.4692	0.7806
338	338	356	ENV	Min	0.00	-5.0034	-14.4128	-1.3949
338	338	367	ENV	Min	0.00	-6.9189	-4.1611	-1.1384
338	338	368	ENV	Min	0.00	-5.6804	-2.0878	-1.4239
338	338	357	ENV	Min	0.00	-4.3988	-6.1308	-1.0642
339	339	357	ENV	Max	0.00	2.7608	4.1967	0.7079
339	339	368	ENV	Max	0.00	0.4059	0.1473	0.2101
339	339	369	ENV	Max	0.00	0.0980	0.1610	0.4119
339	339	358	ENV	Max	0.00	2.6276	1.0590	0.8889
339	339	357	ENV	Min	0.00	-4.3904	-4.1209	-1.3782
339	339	368	ENV	Min	0.00	-5.5971	-1.2170	-0.5857
339	339	369	ENV	Min	0.00	-4.9478	-1.1230	-0.8292
339	339	358	ENV	Min	0.00	-3.2866	-1.4101	-1.6010
340	340	358	ENV	Max	0.00	2.7118	0.7940	0.5893
340	340	369	ENV	Max	0.00	0.0866	-0.0123	0.3657
340	340	370	ENV	Max	0.00	-0.3189	-0.0904	0.2523
340	340	359	ENV	Max	0.00	1.8000	0.6568	0.5631
340	340	358	ENV	Min	0.00	-3.3486	-1.0342	-1.1771
340	340	369	ENV	Min	0.00	-4.9441	-0.9881	-0.8174
340	340	370	ENV	Min	0.00	-3.9718	-0.8060	-0.6448
340	340	359	ENV	Min	0.00	-2.3227	-1.0177	-1.0917
341	341	359	ENV	Max	0.00	1.9395	0.3727	0.5322
341	341	370	ENV	Max	0.00	-0.3262	-0.0321	0.2714
341	341	371	ENV	Max	0.00	-0.5531	-0.0274	0.2488
341	341	360	ENV	Max	0.00	1.9057	0.7336	0.5761
341	341	359	ENV	Min	0.00	-2.5008	-0.6823	-0.9704
341	341	370	ENV	Min	0.00	-3.9667	-0.8753	-0.6200
341	341	371	ENV	Min	0.00	-3.3238	-0.6776	-0.5431
341	341	360	ENV	Min	0.00	-1.7420	-0.8811	-0.9600
342	342	360	ENV	Max	0.00	1.9166	0.5954	0.6759
342	342	371	ENV	Max	0.00	-0.5484	-0.0035	0.3824
342	342	372	ENV	Max	0.00	-0.1237	0.2368	0.4037
342	342	361	ENV	Max	0.00	2.0601	0.6023	0.6977
342	342	360	ENV	Min	0.00	-1.7368	-0.6838	-1.0417
342	342	371	ENV	Min	0.00	-3.3275	-0.7114	-0.6236
342	342	372	ENV	Min	0.00	-3.3848	-0.6514	-0.6256
342	342	361	ENV	Min	0.00	-1.8908	-0.3645	-1.0442
343	343	361	ENV	Max	0.00	2.0584	0.6582	0.5197
343	343	372	ENV	Max	0.00	-0.0959	0.3748	0.2812

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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
343	343	373	ENV	Max	0.00	0.3766	0.8024	0.0888
343	343	362	ENV	Max	0.00	2.9974	1.1494	0.3250
343	343	361	ENV	Min	0.00	-1.8009	-0.5141	-0.8263
343	343	372	ENV	Min	0.00	-3.4113	-0.7830	-0.4767
343	343	373	ENV	Min	0.00	-3.6667	-1.1348	-0.2335
343	343	362	ENV	Min	0.00	-2.8191	-0.9201	-0.5809
344	344	362	ENV	Max	0.00	2.8336	0.7050	0.0010
344	344	373	ENV	Max	0.00	0.4188	1.0134	0.1713
344	344	374	ENV	Max	0.00	0.0297	0.2728	0.5218
344	344	363	ENV	Max	0.00	3.8509	1.1555	0.3193
344	344	362	ENV	Min	0.00	-2.6745	-0.3190	-0.2442
344	344	373	ENV	Min	0.00	-3.6979	-1.2911	-0.3342
344	344	374	ENV	Min	0.00	-3.5311	-2.6698	-1.0827
344	344	363	ENV	Min	0.00	-3.4193	-0.5247	-0.9604
345	345	363	ENV	Max	0.00	3.4889	1.4837	1.2173
345	345	374	ENV	Max	0.00	0.1409	0.8330	0.5172
345	345	375	ENV	Max	0.00	-0.4322	-0.5667	-0.0424
345	345	364	ENV	Max	0.00	1.6003	-0.7700	0.5930
345	345	363	ENV	Min	0.00	-3.1880	-1.5067	-2.1921
345	345	374	ENV	Min	0.00	-3.5923	-2.9804	-2.2390
345	345	375	ENV	Min	0.00	-2.2371	-7.8121	-2.8348
345	345	364	ENV	Min	0.00	-7.7606	-3.9792	-2.7230
346	346	364	ENV	Max	0.00	1.7207	2.3071	0.1671
346	346	375	ENV	Max	0.00	-0.2684	0.3328	1.8535
346	346	376	ENV	Max	0.00	6.4885	12.2249	1.9717
346	346	365	ENV	Max	0.00	25.8534	20.5202	0.3133
346	346	364	ENV	Min	0.00	-7.7296	-6.2990	-6.8794
346	346	375	ENV	Min	0.00	-2.4694	-9.0539	-2.9883
346	346	376	ENV	Min	0.00	-3.1918	-19.6958	-2.5997
346	346	365	ENV	Min	0.00	-13.5195	-34.0678	-6.5189
347	347	366	ENV	Max	0.00	1.2892	1.2452	0.1586
347	347	377	ENV	Max	0.00	0.1997	0.4414	0.1122
347	347	378	ENV	Max	0.00	0.1647	0.7501	0.3095
347	347	367	ENV	Max	0.00	1.0163	2.8223	0.3173
347	347	366	ENV	Min	0.00	-7.6156	-1.1470	-0.3730
347	347	377	ENV	Min	0.00	-2.7224	-0.4551	-0.0893
347	347	378	ENV	Min	0.00	-2.5805	-1.1618	-0.4369
347	347	367	ENV	Min	0.00	-6.6793	-4.0144	-0.6820
348	348	367	ENV	Max	0.00	0.9455	2.8079	0.3165
348	348	378	ENV	Max	0.00	0.1888	0.7473	0.2650
348	348	379	ENV	Max	0.00	0.0727	0.3370	0.1311
348	348	368	ENV	Max	0.00	0.5759	0.9717	0.1169
348	348	367	ENV	Min	0.00	-6.6362	-4.1384	-0.5844
348	348	378	ENV	Min	0.00	-2.5994	-1.1329	-0.4053
348	348	379	ENV	Min	0.00	-2.2645	-0.8430	-0.2101
348	348	368	ENV	Min	0.00	-5.8759	-2.1133	-0.3234
349	349	368	ENV	Max	0.00	0.5030	0.1667	0.0628
349	349	379	ENV	Max	0.00	0.0837	0.0708	0.0124
349	349	380	ENV	Max	0.00	0.0632	-0.0180	-0.0137
349	349	369	ENV	Max	0.00	0.0718	0.1754	0.0729
349	349	368	ENV	Min	0.00	-5.7925	-1.2561	-0.2687

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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
349	349	379	ENV	Min	0.00	-2.2753	-0.5759	-0.0823
349	349	380	ENV	Min	0.00	-2.0657	-0.4123	-0.0710
349	349	369	ENV	Min	0.00	-4.8733	-1.1277	-0.2936
350	350	369	ENV	Max	0.00	0.0574	-0.0157	0.0969
350	350	380	ENV	Max	0.00	0.0625	0.0066	0.0238
350	350	381	ENV	Max	0.00	6.088E-04	-0.0134	0.0245
350	350	370	ENV	Max	0.00	-0.3282	-0.0914	0.1068
350	350	369	ENV	Min	0.00	-4.8666	-0.9750	-0.3282
350	350	380	ENV	Min	0.00	-2.0642	-0.4322	-0.1092
350	350	381	ENV	Min	0.00	-1.8406	-0.3616	-0.1013
350	350	370	ENV	Min	0.00	-3.9711	-0.8067	-0.3295
351	351	370	ENV	Max	0.00	-0.3353	-0.0308	0.0893
351	351	381	ENV	Max	0.00	-0.0014	0.0148	0.0201
351	351	382	ENV	Max	0.00	-0.0254	0.0514	0.0398
351	351	371	ENV	Max	0.00	-0.5550	-0.0278	0.1084
351	351	370	ENV	Min	0.00	-3.9662	-0.8783	-0.2793
351	351	381	ENV	Min	0.00	-1.8403	-0.3720	-0.0948
351	351	382	ENV	Min	0.00	-1.6974	-0.2631	-0.0921
351	351	371	ENV	Min	0.00	-3.3251	-0.6784	-0.2759
352	352	371	ENV	Max	0.00	-0.5503	-0.0039	0.1725
352	352	382	ENV	Max	0.00	-0.0274	0.0432	0.0507
352	352	383	ENV	Max	0.00	0.0074	0.4883	0.0506
352	352	372	ENV	Max	0.00	-0.1271	0.2362	0.1724
352	352	371	ENV	Min	0.00	-3.3313	-0.7122	-0.2973
352	352	382	ENV	Min	0.00	-1.6967	-0.2597	-0.0921
352	352	383	ENV	Min	0.00	-1.5711	-0.4086	-0.0599
352	352	372	ENV	Min	0.00	-3.3845	-0.6513	-0.2651
353	353	372	ENV	Max	0.00	-0.0994	0.3742	0.1083
353	353	383	ENV	Max	0.00	-0.0012	0.4461	0.0463
353	353	384	ENV	Max	0.00	0.1637	1.2766	0.1268
353	353	373	ENV	Max	0.00	0.3531	0.7980	0.0400
353	353	372	ENV	Min	0.00	-3.4110	-0.7829	-0.1734
353	353	383	ENV	Min	0.00	-1.5698	-0.3620	-0.0375
353	353	384	ENV	Min	0.00	-1.5496	-1.4354	-0.1391
353	353	373	ENV	Min	0.00	-3.6212	-1.1260	-0.1568
354	354	373	ENV	Max	0.00	0.3953	1.0090	0.2563
354	354	384	ENV	Max	0.00	0.1526	1.2225	0.1798
354	354	385	ENV	Max	0.00	-0.1760	0.5097	0.2873
354	354	374	ENV	Max	0.00	0.1670	0.2930	0.3660
354	354	373	ENV	Min	0.00	-3.6525	-1.2823	-0.4436
354	354	384	ENV	Min	0.00	-1.5374	-1.3756	-0.2977
354	354	385	ENV	Min	0.00	-1.5289	-3.3308	-0.6154
354	354	374	ENV	Min	0.00	-3.7414	-2.7046	-0.7635
355	355	374	ENV	Max	0.00	0.2779	0.8534	0.1996
355	355	385	ENV	Max	0.00	-0.2006	0.3820	0.5714
355	355	386	ENV	Max	0.00	0.7005	-0.1322	0.5131
355	355	375	ENV	Max	0.00	1.3400	-0.3631	-0.0684
355	355	374	ENV	Min	0.00	-3.8023	-3.0154	-1.4895
355	355	385	ENV	Min	0.00	-1.5137	-3.2504	-0.6962
355	355	386	ENV	Min	0.00	-1.4456	-8.5514	-0.9941
355	355	375	ENV	Min	0.00	-2.7508	-7.7640	-1.5776

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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
356	356	375	ENV	Max	0.00	1.3315	0.4952	1.7878
356	356	386	ENV	Max	0.00	0.6733	-0.5322	0.2631
356	356	387	ENV	Max	0.00	4.1806	19.1820	0.7786
356	356	376	ENV	Max	0.00	4.8571	11.0164	1.7320
356	356	375	ENV	Min	0.00	-2.8107	-8.9645	-1.9983
356	356	386	ENV	Min	0.00	-1.4159	-8.1389	-2.5544
356	356	387	ENV	Min	0.00	-9.6971	-27.7026	-2.9962
356	356	376	ENV	Min	0.00	-11.4417	-20.4636	-1.8688
357	357	377	ENV	Max	0.00	0.2265	0.4371	0.2270
357	357	388	ENV	Max	0.00	-0.0405	0.3375	0.2791
357	357	389	ENV	Max	0.00	-0.0401	0.5383	0.1160
357	357	378	ENV	Max	0.00	0.1601	0.7523	0.0348
357	357	377	ENV	Min	0.00	-2.8081	-0.4625	-0.1183
357	357	388	ENV	Min	0.00	-0.3548	-0.3277	-0.1024
357	357	389	ENV	Min	0.00	-0.3545	-0.5733	-0.0284
357	357	378	ENV	Min	0.00	-2.5452	-1.1579	-0.0150
358	358	378	ENV	Max	0.00	0.1808	0.7466	0.0105
358	358	389	ENV	Max	0.00	0.0765	0.4209	0.0883
358	358	390	ENV	Max	0.00	0.0127	0.2745	0.1173
358	358	379	ENV	Max	0.00	0.0719	0.3323	0.0923
358	358	378	ENV	Min	0.00	-2.5607	-1.1260	-0.0214
358	358	389	ENV	Min	0.00	-0.4345	-0.4849	-0.0355
358	358	390	ENV	Min	0.00	-0.3051	-0.3355	-0.0704
358	358	379	ENV	Min	0.00	-2.2735	-0.8403	-0.1092
359	359	379	ENV	Max	0.00	0.0876	0.0696	0.0491
359	359	390	ENV	Max	0.00	-0.0229	0.0211	0.1068
359	359	391	ENV	Max	0.00	0.0175	0.0561	0.1207
359	359	380	ENV	Max	0.00	0.0612	-0.0170	0.0605
359	359	379	ENV	Min	0.00	-2.2890	-0.5766	-0.0475
359	359	390	ENV	Min	0.00	-0.3059	-0.0939	-0.0489
359	359	391	ENV	Min	0.00	-0.2719	-0.1291	-0.0544
359	359	380	ENV	Min	0.00	-2.0635	-0.4134	-0.0505
360	360	380	ENV	Max	0.00	0.0606	0.0078	0.0570
360	360	391	ENV	Max	0.00	0.0194	0.0291	0.1138
360	360	392	ENV	Max	0.00	0.0692	0.1208	0.1017
360	360	381	ENV	Max	0.00	-0.0049	-0.0138	0.0452
360	360	380	ENV	Min	0.00	-2.0620	-0.4333	-0.0477
360	360	391	ENV	Min	0.00	-0.2714	-0.1006	-0.0494
360	360	392	ENV	Min	0.00	-0.2386	-0.1566	-0.0419
360	360	381	ENV	Min	0.00	-1.8379	-0.3611	-0.0405
361	361	381	ENV	Max	0.00	-0.0069	0.0161	0.0316
361	361	392	ENV	Max	0.00	0.0719	0.1058	0.0777
361	361	393	ENV	Max	0.00	0.0817	0.1180	0.0634
361	361	382	ENV	Max	0.00	-0.0299	0.0505	0.0168
361	361	381	ENV	Min	0.00	-1.8375	-0.3727	-0.0244
361	361	392	ENV	Min	0.00	-0.2388	-0.1433	-0.0307
361	361	393	ENV	Min	0.00	-0.1995	0.0080	-0.0185
361	361	382	ENV	Min	0.00	-1.6996	-0.2636	-0.0118
362	362	382	ENV	Max	0.00	-0.0318	0.0426	0.0211
362	362	393	ENV	Max	0.00	0.0816	0.1122	0.0474
362	362	394	ENV	Max	0.00	0.1243	0.5994	0.0433

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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
362	362	383	ENV	Max	0.00	0.0198	0.4912	0.0213
362	362	382	ENV	Min	0.00	-1.6989	-0.2601	-0.0047
362	362	393	ENV	Min	0.00	-0.1997	0.0129	-0.0108
362	362	394	ENV	Min	0.00	-0.1665	-0.2064	-0.0022
362	362	383	ENV	Min	0.00	-1.5551	-0.4068	6.679E-04
363	363	383	ENV	Max	0.00	0.0112	0.4491	0.0567
363	363	394	ENV	Max	0.00	0.1262	0.6099	0.0482
363	363	395	ENV	Max	0.00	0.2654	1.5212	0.1050
363	363	384	ENV	Max	0.00	0.1461	1.2664	0.1186
363	363	383	ENV	Min	0.00	-1.5538	-0.3602	-0.0226
363	363	394	ENV	Min	0.00	-0.1661	-0.2130	-0.0062
363	363	395	ENV	Min	0.00	-0.3127	-1.4028	-0.0573
363	363	384	ENV	Min	0.00	-1.6256	-1.4439	-0.0787
364	364	384	ENV	Max	0.00	0.1351	1.2120	0.1824
364	364	395	ENV	Max	0.00	0.2692	1.5411	0.2394
364	364	396	ENV	Max	0.00	0.0769	0.6927	0.3172
364	364	385	ENV	Max	0.00	0.0716	0.5775	0.2636
364	364	384	ENV	Min	0.00	-1.6134	-1.3839	-0.2266
364	364	395	ENV	Min	0.00	-0.3148	-1.4145	-0.1013
364	364	396	ENV	Min	0.00	-0.5476	-3.2999	-0.1833
364	364	385	ENV	Min	0.00	-1.3325	-3.3097	-0.3121
365	365	385	ENV	Max	0.00	0.0462	0.4500	0.5808
365	365	396	ENV	Max	0.00	0.0855	0.7366	0.2332
365	365	397	ENV	Max	0.00	0.2945	0.2946	0.1658
365	365	386	ENV	Max	0.00	0.3520	-0.3711	0.6169
365	365	385	ENV	Min	0.00	-1.3165	-3.2295	-0.4860
365	365	396	ENV	Min	0.00	-0.5540	-3.3332	-0.2482
365	365	397	ENV	Min	0.00	-1.9435	-9.2022	-0.1850
365	365	386	ENV	Min	0.00	-3.4929	-8.7916	-0.5264
366	366	386	ENV	Max	0.00	0.3188	-0.7831	0.3516
366	366	397	ENV	Max	0.00	0.3501	0.5764	2.3201
366	366	398	ENV	Max	0.00	7.2243	20.4020	2.0097
366	366	387	ENV	Max	0.00	11.3734	19.8208	0.7064
366	366	386	ENV	Min	0.00	-3.4572	-8.3671	-1.7463
366	366	397	ENV	Min	0.00	-2.0028	-9.5029	-0.9583
366	366	398	ENV	Min	0.00	-5.1047	-28.3784	-0.8620
366	366	387	ENV	Min	0.00	-4.6086	-25.8852	-2.3152
367	367	388	ENV	Max	0.00	-0.0059	0.3421	0.2585
367	367	399	ENV	Max	0.00	1.6812	0.7862	0.3211
367	367	400	ENV	Max	0.00	1.5454	1.1246	0.3496
367	367	389	ENV	Max	0.00	-0.0251	0.5414	0.2488
367	367	388	ENV	Min	0.00	-0.4012	-0.3361	-0.0551
367	367	399	ENV	Min	0.00	-0.6061	-0.7918	-0.1180
367	367	400	ENV	Min	0.00	-0.5143	-1.0107	-0.2348
367	367	389	ENV	Min	0.00	-0.3493	-0.5756	-0.1337
368	368	389	ENV	Max	0.00	0.0611	0.4178	0.1867
368	368	400	ENV	Max	0.00	1.5401	1.7197	0.2005
368	368	401	ENV	Max	0.00	1.3587	0.8061	0.1224
368	368	390	ENV	Max	0.00	0.0173	0.2754	0.1719
368	368	389	ENV	Min	0.00	-0.4154	-0.4811	-0.0998
368	368	400	ENV	Min	0.00	-0.4910	-1.5156	-0.1265

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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
368	368	401	ENV	Min	0.00	-0.4692	-0.6461	-0.0531
368	368	390	ENV	Min	0.00	-0.3052	-0.3363	-0.0896
369	369	390	ENV	Max	0.00	-0.0234	0.0202	0.1246
369	369	401	ENV	Max	0.00	1.3247	0.3134	0.1139
369	369	402	ENV	Max	0.00	1.0450	0.2386	0.1535
369	369	391	ENV	Max	0.00	0.0174	0.0559	0.1444
369	369	390	ENV	Min	0.00	-0.3060	-0.0930	-0.0372
369	369	401	ENV	Min	0.00	-0.4259	-0.1073	-0.0384
369	369	402	ENV	Min	0.00	-0.2985	-0.1269	-0.0691
369	369	391	ENV	Min	0.00	-0.2728	-0.1291	-0.0482
370	370	391	ENV	Max	0.00	0.0193	0.0289	0.1356
370	370	402	ENV	Max	0.00	1.0460	0.3109	0.1196
370	370	403	ENV	Max	0.00	0.8210	0.2486	0.0850
370	370	392	ENV	Max	0.00	0.0701	0.1213	0.1156
370	370	391	ENV	Min	0.00	-0.2723	-0.1006	-0.0425
370	370	402	ENV	Min	0.00	-0.3021	-0.2124	-0.0371
370	370	403	ENV	Min	0.00	-0.1991	-0.1649	-0.0114
370	370	392	ENV	Min	0.00	-0.2359	-0.1562	-0.0314
371	371	392	ENV	Max	0.00	0.0728	0.1063	0.0900
371	371	403	ENV	Max	0.00	0.8215	0.2492	0.0788
371	371	404	ENV	Max	0.00	0.7421	0.2130	0.0674
371	371	393	ENV	Max	0.00	0.0795	0.1184	0.0787
371	371	392	ENV	Min	0.00	-0.2361	-0.1429	-0.0216
371	371	403	ENV	Min	0.00	-0.1993	-0.1639	-0.0110
371	371	404	ENV	Min	0.00	-0.1248	0.0068	-0.0124
371	371	393	ENV	Min	0.00	-0.2017	0.0069	-0.0232
372	372	393	ENV	Max	0.00	0.0794	0.1126	0.0614
372	372	404	ENV	Max	0.00	0.7420	0.2112	0.0599
372	372	405	ENV	Max	0.00	0.7286	0.7528	0.0462
372	372	394	ENV	Max	0.00	0.1386	0.6026	0.0484
372	372	393	ENV	Min	0.00	-0.2019	0.0117	-0.0165
372	372	404	ENV	Min	0.00	-0.1248	0.0083	-0.0230
372	372	405	ENV	Min	0.00	-0.0964	-0.2453	-0.0197
372	372	394	ENV	Min	0.00	-0.1576	-0.2064	-0.0139
373	373	394	ENV	Max	0.00	0.1405	0.6130	0.0402
373	373	405	ENV	Max	0.00	0.7272	0.7485	0.0450
373	373	406	ENV	Max	0.00	0.9006	1.8997	0.0918
373	373	395	ENV	Max	0.00	0.2291	1.5123	0.0921
373	373	394	ENV	Min	0.00	-0.1572	-0.2129	-0.0111
373	373	405	ENV	Min	0.00	-0.0960	-0.2458	-0.0182
373	373	406	ENV	Min	0.00	-0.2520	-1.5080	-0.0422
373	373	395	ENV	Min	0.00	-0.3274	-1.4041	-0.0402
374	374	395	ENV	Max	0.00	0.2329	1.5323	0.2393
374	374	406	ENV	Max	0.00	0.9019	1.9046	0.1516
374	374	407	ENV	Max	0.00	0.1587	1.1300	0.3021
374	374	396	ENV	Max	0.00	0.1499	0.7075	0.3839
374	374	395	ENV	Min	0.00	-0.3295	-1.4159	-0.0914
374	374	406	ENV	Min	0.00	-0.2513	-1.5034	-0.0808
374	374	407	ENV	Min	0.00	-0.6156	-3.3220	-0.1203
374	374	396	ENV	Min	0.00	-0.5605	-3.3027	-0.1249
375	375	396	ENV	Max	0.00	0.1586	0.7514	0.2540

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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
375	375	407	ENV	Max	0.00	0.1464	1.0697	0.8256
375	375	408	ENV	Max	0.00	2.2805	1.2621	0.8992
375	375	397	ENV	Max	0.00	0.5891	0.4013	0.2350
375	375	396	ENV	Min	0.00	-0.5670	-3.3361	-0.1925
375	375	407	ENV	Min	0.00	-0.6002	-3.2466	-0.1415
375	375	408	ENV	Min	0.00	-1.3562	-9.4221	-0.0834
375	375	397	ENV	Min	0.00	-1.9177	-9.2448	-0.0418
376	376	397	ENV	Max	0.00	0.6454	0.6827	2.5270
376	376	408	ENV	Max	0.00	2.2297	0.5889	0.8521
376	376	409	ENV	Max	0.00	5.4676	23.1527	1.1929
376	376	398	ENV	Max	0.00	4.5169	20.1714	2.1965
376	376	397	ENV	Min	0.00	-1.9777	-9.5451	-0.7025
376	376	408	ENV	Min	0.00	-1.3199	-8.8212	-1.6306
376	376	409	ENV	Min	0.00	-16.5557	-35.7126	-2.3281
376	376	398	ENV	Min	0.00	-6.8709	-29.0425	-0.7286
377	377	399	ENV	Max	0.00	1.5976	0.7537	0.9208
377	377	410	ENV	Max	0.00	6.6404	2.3628	1.3597
377	377	411	ENV	Max	0.00	5.8528	6.6079	0.6141
377	377	400	ENV	Max	0.00	1.5210	1.1087	0.0999
377	377	399	ENV	Min	0.00	-0.5574	-0.7664	-0.7224
377	377	410	ENV	Min	0.00	-1.8158	-2.3653	-1.3037
377	377	411	ENV	Min	0.00	-1.5044	-5.8561	-0.7146
377	377	400	ENV	Min	0.00	-0.4932	-0.9954	-0.0580
378	378	400	ENV	Max	0.00	1.5570	1.7346	0.0400
378	378	411	ENV	Max	0.00	5.7503	4.2787	0.1560
378	378	412	ENV	Max	0.00	4.2781	3.5715	0.4746
378	378	401	ENV	Max	0.00	1.3494	0.8072	0.3172
378	378	400	ENV	Min	0.00	-0.5112	-1.5311	-0.0313
378	378	411	ENV	Min	0.00	-1.4665	-3.8500	-0.4150
378	378	412	ENV	Min	0.00	-1.0164	-2.7881	-0.7891
378	378	401	ENV	Min	0.00	-0.4695	-0.6491	-0.3639
379	379	401	ENV	Max	0.00	1.3153	0.3100	0.1063
379	379	412	ENV	Max	0.00	4.3706	1.0253	0.1582
379	379	413	ENV	Max	0.00	2.7289	0.8935	0.1760
379	379	402	ENV	Max	0.00	1.0556	0.2345	0.1646
379	379	401	ENV	Min	0.00	-0.4262	-0.1058	-0.1204
379	379	412	ENV	Min	0.00	-1.1385	-0.3897	-0.4907
379	379	413	ENV	Min	0.00	-0.9202	-0.4902	-0.5000
379	379	402	ENV	Min	0.00	-0.2939	-0.1199	-0.1702
380	380	402	ENV	Max	0.00	1.0565	0.3069	0.0776
380	380	413	ENV	Max	0.00	2.7353	0.7441	0.1974
380	380	414	ENV	Max	0.00	1.5444	0.6633	0.2143
380	380	403	ENV	Max	0.00	0.8433	0.2540	0.1032
380	380	402	ENV	Min	0.00	-0.2974	-0.2053	-0.1009
380	380	413	ENV	Min	0.00	-0.9088	-0.2518	-0.4085
380	380	414	ENV	Min	0.00	-0.5080	-0.3345	-0.3566
380	380	403	ENV	Min	0.00	-0.2061	-0.1673	-0.0577
381	381	403	ENV	Max	0.00	0.8438	0.2546	0.0758
381	381	414	ENV	Max	0.00	1.5412	0.7061	0.1416
381	381	415	ENV	Max	0.00	1.2146	0.3958	0.0782
381	381	404	ENV	Max	0.00	0.7348	0.2127	0.0597

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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
381	381	403	ENV	Min	0.00	-0.2063	-0.1662	-0.0462
381	381	414	ENV	Min	0.00	-0.5097	-0.4018	-0.1562
381	381	415	ENV	Min	0.00	-0.3463	-0.1435	-0.0686
381	381	404	ENV	Min	0.00	-0.1250	0.0056	-0.0058
382	382	404	ENV	Max	0.00	0.7347	0.2108	0.0479
382	382	415	ENV	Max	0.00	1.2094	0.3715	0.0319
382	382	416	ENV	Max	0.00	1.2264	0.9302	0.0267
382	382	405	ENV	Max	0.00	0.7722	0.7596	0.0405
382	382	404	ENV	Min	0.00	-0.1250	0.0071	-0.0179
382	382	415	ENV	Min	0.00	-0.3445	-0.1362	-0.0086
382	382	416	ENV	Min	0.00	-0.3349	-0.4023	-0.0166
382	382	405	ENV	Min	0.00	-0.1019	-0.2444	-0.0238
383	383	405	ENV	Max	0.00	0.7708	0.7552	0.0421
383	383	416	ENV	Max	0.00	1.2291	0.9505	0.0701
383	383	417	ENV	Max	0.00	1.4252	2.2769	0.1523
383	383	406	ENV	Max	0.00	0.7222	1.8763	0.1087
383	383	405	ENV	Min	0.00	-0.1014	-0.2449	-0.0269
383	383	416	ENV	Min	0.00	-0.3356	-0.4123	-0.0728
383	383	417	ENV	Min	0.00	-0.4758	-1.7631	-0.1459
383	383	406	ENV	Min	0.00	-0.2273	-1.5154	-0.0844
384	384	406	ENV	Max	0.00	0.7234	1.8812	0.1592
384	384	417	ENV	Max	0.00	1.4123	2.1904	0.2944
384	384	418	ENV	Max	0.00	1.8585	1.5324	0.3839
384	384	407	ENV	Max	0.00	0.6825	1.2101	0.2511
384	384	406	ENV	Min	0.00	-0.2266	-1.5108	-0.1464
384	384	417	ENV	Min	0.00	-0.4709	-1.7168	-0.2165
384	384	418	ENV	Min	0.00	-1.1872	-2.9746	-0.1969
384	384	407	ENV	Min	0.00	-0.4813	-3.2705	-0.1292
385	385	407	ENV	Max	0.00	0.6836	1.1498	0.8670
385	385	418	ENV	Max	0.00	1.9108	1.7921	0.5223
385	385	419	ENV	Max	0.00	0.8235	1.8923	0.6267
385	385	408	ENV	Max	0.00	0.1696	0.9145	1.0030
385	385	407	ENV	Min	0.00	-0.4794	-3.1951	-0.1000
385	385	418	ENV	Min	0.00	-1.2379	-3.2260	-0.5651
385	385	419	ENV	Min	0.00	-4.0436	-9.9556	-0.3771
385	385	408	ENV	Min	0.00	-2.5333	-9.7321	0.0563
386	386	408	ENV	Max	0.00	0.0409	0.2433	1.3013
386	386	419	ENV	Max	0.00	0.9062	3.9953	3.2684
386	386	420	ENV	Max	0.00	10.9976	20.0912	2.7565
386	386	409	ENV	Max	0.00	9.6639	23.7201	1.4176
386	386	408	ENV	Min	0.00	-2.4190	-9.1332	-2.2823
386	386	419	ENV	Min	0.00	-4.0940	-11.8974	-0.4863
386	386	420	ENV	Min	0.00	-5.4730	-32.9355	-0.4723
386	386	409	ENV	Min	0.00	-4.2492	-32.9794	-2.8964
387	387	410	ENV	Max	0.00	6.3672	2.4503	0.7038
387	387	421	ENV	Max	0.00	17.8922	7.2746	2.7598
387	387	422	ENV	Max	0.00	9.3675	15.5812	5.2235
387	387	411	ENV	Max	0.00	5.9559	6.6552	3.1676
387	387	410	ENV	Min	0.00	-1.6644	-2.4772	-0.7688
387	387	421	ENV	Min	0.00	-8.2508	-7.3492	-3.3661
387	387	422	ENV	Min	0.00	-1.7270	-15.3893	-6.2865

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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
387	387	411	ENV	Min	0.00	-1.5690	-5.8957	-3.6893
388	388	411	ENV	Max	0.00	5.7427	4.2437	2.5038
388	388	422	ENV	Max	0.00	11.6347	26.4581	3.3961
388	388	423	ENV	Max	0.00	9.1592	7.5808	0.4390
388	388	412	ENV	Max	0.00	4.1230	3.5713	0.9480
388	388	411	ENV	Min	0.00	-1.4204	-3.8074	-3.1451
388	388	422	ENV	Min	0.00	-3.7499	-25.0454	-4.8556
388	388	423	ENV	Min	0.00	-4.2864	-8.3081	-2.2165
388	388	412	ENV	Min	0.00	-0.9716	-2.8099	-1.9073
389	389	412	ENV	Max	0.00	4.2043	1.0249	0.3864
389	389	423	ENV	Max	0.00	7.8356	0.5373	0.6438
389	389	424	ENV	Max	0.00	2.1366	3.6550	0.6867
389	389	413	ENV	Max	0.00	2.9071	0.9128	0.3403
389	389	412	ENV	Min	0.00	-1.0824	-0.4113	-1.4635
389	389	423	ENV	Min	0.00	-2.8076	-0.4889	-3.0869
389	389	424	ENV	Min	0.00	-1.9427	-1.5415	-2.9096
389	389	413	ENV	Min	0.00	-0.9515	-0.4801	-1.1972
390	390	413	ENV	Max	0.00	2.9134	0.7798	0.4631
390	390	424	ENV	Max	0.00	2.4038	2.4651	1.0283
390	390	425	ENV	Max	0.00	0.1495	2.2572	1.0362
390	390	414	ENV	Max	0.00	1.5424	0.6739	0.4704
390	390	413	ENV	Min	0.00	-0.9401	-0.2581	-1.2120
390	390	424	ENV	Min	0.00	-2.2575	-0.5894	-2.1066
390	390	425	ENV	Min	0.00	-0.8652	-1.5498	-1.6184
390	390	414	ENV	Min	0.00	-0.5173	-0.3474	-0.7232
391	391	414	ENV	Max	0.00	1.5392	0.7167	0.3621
391	391	425	ENV	Max	0.00	0.1373	2.0234	0.4787
391	391	426	ENV	Max	0.00	0.0583	0.4728	0.2125
391	391	415	ENV	Max	0.00	1.2035	0.3936	0.0904
391	391	414	ENV	Min	0.00	-0.5191	-0.4147	-0.4799
391	391	425	ENV	Min	0.00	-0.8653	-1.3775	-0.6039
391	391	426	ENV	Min	0.00	-0.8275	-0.6158	-0.2109
391	391	415	ENV	Min	0.00	-0.3448	-0.1432	-0.0814
392	392	415	ENV	Max	0.00	1.1983	0.3693	0.0362
392	392	426	ENV	Max	0.00	0.0604	0.4089	0.0225
392	392	427	ENV	Max	0.00	0.0469	1.0020	0.0156
392	392	416	ENV	Max	0.00	1.2435	0.9330	0.0159
392	392	415	ENV	Min	0.00	-0.3430	-0.1360	-0.0171
392	392	426	ENV	Min	0.00	-0.8268	-0.5381	-0.0252
392	392	427	ENV	Min	0.00	-0.8670	-0.8934	-0.0416
392	392	416	ENV	Min	0.00	-0.3288	-0.4003	-0.0202
393	393	416	ENV	Max	0.00	1.2463	0.9532	0.0636
393	393	427	ENV	Max	0.00	0.0493	1.0372	0.1514
393	393	428	ENV	Max	0.00	0.5460	3.2777	0.4396
393	393	417	ENV	Max	0.00	1.4193	2.2771	0.3544
393	393	416	ENV	Min	0.00	-0.3295	-0.4104	-0.0950
393	393	427	ENV	Min	0.00	-0.8693	-0.9286	-0.1782
393	393	428	ENV	Min	0.00	-1.2165	-2.6426	-0.3938
393	393	417	ENV	Min	0.00	-0.5340	-1.7761	-0.3131
394	394	417	ENV	Max	0.00	1.4017	2.1906	0.5776
394	394	428	ENV	Max	0.00	0.5892	3.5300	1.1047

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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
394	394	429	ENV	Max	0.00	2.0579	0.6872	1.2769
394	394	418	ENV	Max	0.00	1.9979	1.5560	0.7192
394	394	417	ENV	Min	0.00	-0.5245	-1.7298	-0.3980
394	394	428	ENV	Min	0.00	-1.2374	-2.7831	-0.8628
394	394	429	ENV	Min	0.00	-3.3470	-2.6655	-0.9444
394	394	418	ENV	Min	0.00	-1.1060	-2.9541	-0.4489
395	395	418	ENV	Max	0.00	2.0502	1.8157	0.7615
395	395	429	ENV	Max	0.00	1.7966	-0.4335	0.9536
395	395	430	ENV	Max	0.00	9.5804	1.9503	0.7454
395	395	419	ENV	Max	0.00	-0.2106	2.0002	1.0870
395	395	418	ENV	Min	0.00	-1.1567	-3.2056	-1.2077
395	395	429	ENV	Min	0.00	-3.1399	-1.8158	-0.0860
395	395	430	ENV	Min	0.00	-3.1509	-8.5808	-0.0620
395	395	419	ENV	Min	0.00	-2.7347	-10.0086	-1.7175
396	396	419	ENV	Max	0.00	0.1847	4.1204	4.0147
396	396	430	ENV	Max	0.00	9.8454	-0.9165	2.7867
396	396	431	ENV	Max	0.00	11.6046	42.9438	3.4511
396	396	420	ENV	Max	0.00	4.8725	19.9253	5.3535
396	396	419	ENV	Min	0.00	-3.0977	-11.9675	-0.4380
396	396	430	ENV	Min	0.00	-3.4499	-5.8842	-6.7753
396	396	431	ENV	Min	0.00	-44.7978	-63.4401	-7.5863
396	396	420	ENV	Min	0.00	-7.5831	-34.4167	-1.9234
397	397	421	ENV	Max	0.00	20.4658	7.5641	15.7248
397	397	70	ENV	Max	0.00	17.6628	16.7663	27.2718
397	397	432	ENV	Max	0.00	28.0393	88.5483	9.5849
397	397	422	ENV	Max	0.00	5.7273	15.1979	0.6418
397	397	421	ENV	Min	0.00	-7.0516	-6.8841	-15.6798
397	397	70	ENV	Min	0.00	-46.5319	-18.9434	-19.5491
397	397	432	ENV	Min	0.00	-15.1029	-105.2288	-4.3610
397	397	422	ENV	Min	0.00	-1.4071	-15.6702	-3.0956
398	398	422	ENV	Max	0.00	8.7376	26.0853	0.4564
398	398	432	ENV	Max	0.00	24.3148	73.8611	2.9747
398	398	433	ENV	Max	0.00	9.4593	52.1571	9.5532
398	398	423	ENV	Max	0.00	9.9277	7.4477	7.1604
398	398	422	ENV	Min	0.00	-4.1732	-25.3367	-2.0204
398	398	432	ENV	Min	0.00	-12.3278	-95.2886	-11.6250
398	398	433	ENV	Min	0.00	-27.9060	-47.4318	-20.9478
398	398	423	ENV	Min	0.00	-2.9940	-7.7629	-11.4687
399	399	423	ENV	Max	0.00	9.3558	0.6057	1.4747
399	399	433	ENV	Max	0.00	10.4649	33.0347	1.6037
399	399	434	ENV	Max	0.00	3.7450	11.0158	6.1733
399	399	424	ENV	Max	0.00	2.7303	3.3623	2.5277
399	399	423	ENV	Min	0.00	-2.2669	-0.1451	-7.0923
399	399	433	ENV	Min	0.00	-29.0405	-28.9540	-6.6576
399	399	434	ENV	Min	0.00	-11.7426	-6.7327	-8.6820
399	399	424	ENV	Min	0.00	-3.2450	-1.3904	-5.6002
400	400	424	ENV	Max	0.00	3.0133	2.2177	2.6950
400	400	434	ENV	Max	0.00	3.8783	8.1388	2.8549
400	400	435	ENV	Max	0.00	2.8690	3.2162	1.3854
400	400	425	ENV	Max	0.00	0.0836	2.2303	1.1742
400	400	424	ENV	Min	0.00	-3.5756	-0.4837	-4.0223

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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
400	400	434	ENV	Min	0.00	-11.8954	-3.9529	-3.8839
400	400	435	ENV	Min	0.00	-10.5727	-3.6665	-1.5669
400	400	425	ENV	Min	0.00	-0.6953	-1.5021	-1.6539
401	401	425	ENV	Max	0.00	0.0852	1.9966	0.5574
401	401	435	ENV	Max	0.00	2.8708	3.2055	0.3218
401	401	436	ENV	Max	0.00	2.5175	0.5857	0.1252
401	401	426	ENV	Max	0.00	0.0559	0.4766	0.1462
401	401	425	ENV	Min	0.00	-0.7092	-1.3298	-0.6441
401	401	435	ENV	Min	0.00	-10.5602	-3.5842	-0.4262
401	401	436	ENV	Min	0.00	-10.5189	-2.1977	-0.1598
401	401	426	ENV	Min	0.00	-0.8605	-0.6267	-0.1631
402	402	426	ENV	Max	0.00	0.0573	0.4111	0.0830
402	402	436	ENV	Max	0.00	2.5095	0.6634	0.2069
402	402	437	ENV	Max	0.00	2.2982	1.0073	0.2307
402	402	427	ENV	Max	0.00	0.0593	1.0112	0.1068
402	402	426	ENV	Min	0.00	-0.8591	-0.5473	-0.1066
402	402	436	ENV	Min	0.00	-10.5134	-2.2874	-0.2391
402	402	437	ENV	Min	0.00	-10.2791	-2.4134	-0.2892
402	402	427	ENV	Min	0.00	-0.8297	-0.8927	-0.1566
403	403	427	ENV	Max	0.00	0.0632	1.0464	0.0637
403	403	437	ENV	Max	0.00	2.2963	0.9247	0.1804
403	403	438	ENV	Max	0.00	2.0660	4.6059	0.1771
403	403	428	ENV	Max	0.00	0.2757	3.2098	0.4587
403	403	427	ENV	Min	0.00	-0.8336	-0.9279	-0.1066
403	403	437	ENV	Min	0.00	-10.2825	-2.3570	-0.2936
403	403	438	ENV	Min	0.00	-9.9953	-5.1310	-0.2531
403	403	428	ENV	Min	0.00	-1.1548	-2.6163	-0.4643
404	404	428	ENV	Max	0.00	0.3167	3.4618	1.1461
404	404	438	ENV	Max	0.00	2.0648	4.5232	1.2337
404	404	439	ENV	Max	0.00	1.1965	6.2988	3.1161
404	404	429	ENV	Max	0.00	3.0259	0.8858	2.9419
404	404	428	ENV	Min	0.00	-1.1735	-2.7567	-1.0869
404	404	438	ENV	Min	0.00	-10.0042	-5.0995	-0.9849
404	404	439	ENV	Min	0.00	-8.9999	-5.8355	-2.0812
404	404	429	ENV	Min	0.00	-3.4265	-2.6863	-2.0967
405	405	429	ENV	Max	0.00	2.7643	-0.2962	4.3304
405	405	439	ENV	Max	0.00	1.0931	9.3868	6.8379
405	405	440	ENV	Max	0.00	8.8772	24.8095	3.6743
405	405	430	ENV	Max	0.00	3.9405	1.8759	2.8449
405	405	429	ENV	Min	0.00	-3.2191	-1.7754	-1.8108
405	405	439	ENV	Min	0.00	-8.7003	-7.9425	-4.7619
405	405	440	ENV	Min	0.00	-25.4206	-39.4206	-1.2822
405	405	430	ENV	Min	0.00	-1.8251	-9.3692	-0.0092
406	406	430	ENV	Max	0.00	4.6525	-1.2537	6.0647
406	406	440	ENV	Max	0.00	7.9276	40.0997	17.9422
406	406	61	ENV	Max	0.00	95.7232	37.8279	11.2984
406	406	431	ENV	Max	0.00	8.0477	43.9891	4.0025
406	406	430	ENV	Min	0.00	-2.5712	-6.4099	-13.3695
406	406	440	ENV	Min	0.00	-24.5812	-55.2618	-7.8486
406	406	61	ENV	Min	0.00	-25.3439	-42.9794	-3.0529
406	406	431	ENV	Min	0.00	-11.1356	-58.4643	-13.1555

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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
407	407	20	ENV	Max	0.00	17.4949	67.0780	23.2760
407	407	343	ENV	Max	0.00	95.8312	235.7565	45.7694
407	407	441	ENV	Max	0.00	78.2510	128.2229	46.4397
407	407	22	ENV	Max	0.00	22.9069	36.8485	25.4478
407	407	20	ENV	Min	0.00	-40.0409	-121.0224	-42.0086
407	407	343	ENV	Min	0.00	-290.2874	-340.0341	-24.0372
407	407	441	ENV	Min	0.00	-31.2870	-105.5356	-25.5507
407	407	22	ENV	Min	0.00	-9.8535	-33.6213	-45.0236
408	408	343	ENV	Max	0.00	310.9511	270.1229	47.1734
408	408	354	ENV	Max	0.00	31.9437	49.6084	31.3782
408	408	442	ENV	Max	0.00	9.3669	7.3762	27.2453
408	408	441	ENV	Max	0.00	37.7725	116.6267	46.2777
408	408	343	ENV	Min	0.00	-153.9446	-304.1080	-25.3806
408	408	354	ENV	Min	0.00	-62.2574	-95.5765	-41.2618
408	408	442	ENV	Min	0.00	-4.8968	-9.2686	-34.7072
408	408	441	ENV	Min	0.00	-87.2852	-113.2348	-22.0632
409	409	354	ENV	Max	0.00	28.2667	48.3534	5.3050
409	409	365	ENV	Max	0.00	-1.7770	-7.6251	7.4340
409	409	443	ENV	Max	0.00	10.8824	35.0786	9.7445
409	409	442	ENV	Max	0.00	32.2781	8.9760	8.3874
409	409	354	ENV	Min	0.00	-70.3936	-96.6842	-10.5016
409	409	365	ENV	Min	0.00	-4.7599	-22.8661	-3.1601
409	409	443	ENV	Min	0.00	-7.5507	-35.3101	-2.2219
409	409	442	ENV	Min	0.00	-12.0904	-7.7249	-10.3352
410	410	365	ENV	Max	0.00	24.0228	-4.3423	4.4148
410	410	376	ENV	Max	0.00	4.9398	1.9874	2.3024
410	410	444	ENV	Max	0.00	6.3939	30.1445	3.8775
410	410	443	ENV	Max	0.00	7.2350	33.3272	5.3692
410	410	365	ENV	Min	0.00	-14.4324	-22.9235	-1.5151
410	410	376	ENV	Min	0.00	-3.5475	-18.9804	-4.7788
410	410	444	ENV	Min	0.00	-9.1432	-33.4219	-3.7563
410	410	443	ENV	Min	0.00	-17.8212	-36.3423	0.1280
411	411	376	ENV	Max	0.00	3.4928	0.5414	1.8760
411	411	387	ENV	Max	0.00	2.2266	-3.1841	2.1361
411	411	445	ENV	Max	0.00	10.5047	34.0460	3.6468
411	411	444	ENV	Max	0.00	13.1833	30.9893	3.4069
411	411	376	ENV	Min	0.00	-11.9818	-19.5106	-3.5868
411	411	387	ENV	Min	0.00	-8.8339	-10.7905	-0.4942
411	411	445	ENV	Min	0.00	-6.1641	-34.9135	-0.5595
411	411	444	ENV	Min	0.00	-6.5856	-32.3972	-3.6723
412	412	387	ENV	Max	0.00	9.8993	-2.1790	1.7694
412	412	398	ENV	Max	0.00	3.6656	1.7473	1.5196
412	412	446	ENV	Max	0.00	6.1027	31.8203	2.6504
412	412	445	ENV	Max	0.00	5.9673	33.1720	2.9401
412	412	387	ENV	Min	0.00	-4.2253	-9.3394	-0.2392
412	412	398	ENV	Min	0.00	-2.1467	-12.7272	-3.1092
412	412	446	ENV	Min	0.00	-8.4786	-32.2786	-3.4357
412	412	445	ENV	Min	0.00	-11.0606	-35.9263	-0.6056
413	413	398	ENV	Max	0.00	2.7834	1.9725	1.5331
413	413	409	ENV	Max	0.00	4.1958	7.0682	1.6041
413	413	447	ENV	Max	0.00	10.3293	32.0980	2.9789

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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
413	413	446	ENV	Max	0.00	10.0287	32.7640	2.5084
413	413	398	ENV	Min	0.00	-5.7382	-13.8471	-3.2103
413	413	409	ENV	Min	0.00	-15.5977	-21.1972	-0.2639
413	413	447	ENV	Min	0.00	-4.2788	-28.3510	-1.1351
413	413	446	ENV	Min	0.00	-6.4277	-32.0270	-3.6819
414	414	409	ENV	Max	0.00	7.4987	7.6745	1.7690
414	414	420	ENV	Max	0.00	9.9915	6.5877	1.6510
414	414	448	ENV	Max	0.00	5.1195	25.5569	2.5438
414	414	447	ENV	Max	0.00	5.7908	30.8792	3.3140
414	414	409	ENV	Min	0.00	-2.3978	-18.5030	-0.3374
414	414	420	ENV	Min	0.00	-4.6623	-20.4091	-4.2422
414	414	448	ENV	Min	0.00	-8.5303	-18.1100	-4.4771
414	414	447	ENV	Min	0.00	-9.0313	-28.9904	-1.2246
415	415	420	ENV	Max	0.00	3.7545	6.8160	2.4066
415	415	431	ENV	Max	0.00	10.9930	28.1136	4.6284
415	415	449	ENV	Max	0.00	15.7046	29.8793	7.2621
415	415	448	ENV	Max	0.00	7.8914	27.0653	4.0611
415	415	420	ENV	Min	0.00	-6.6604	-22.2845	-6.0295
415	415	431	ENV	Min	0.00	-44.4972	-50.1650	-1.5305
415	415	449	ENV	Min	0.00	-3.5828	-14.6316	-3.0742
415	415	448	ENV	Min	0.00	-4.2030	-18.1986	-6.5940
416	416	431	ENV	Max	0.00	6.3159	29.1854	6.5865
416	416	61	ENV	Max	0.00	93.6474	20.1287	4.0236
416	416	42	ENV	Max	0.00	10.7508	61.2017	4.2579
416	416	449	ENV	Max	0.00	4.7031	28.0307	9.8523
416	416	431	ENV	Min	0.00	-9.7149	-45.2157	-2.3174
416	416	61	ENV	Min	0.00	-25.2933	-35.4056	-14.5888
416	416	42	ENV	Min	0.00	-16.6706	-20.2586	-10.7767
416	416	449	ENV	Min	0.00	-4.8744	-15.2416	-1.5367
417	417	70	ENV	Max	0.00	29.0839	15.6482	33.2842
417	417	71	ENV	Max	0.00	88.2790	38.1626	22.0592
417	417	450	ENV	Max	0.00	104.1691	285.7330	39.1855
417	417	432	ENV	Max	0.00	48.4232	88.9942	65.8310
417	417	70	ENV	Min	0.00	-80.6224	-22.3592	-10.4029
417	417	71	ENV	Min	0.00	-51.4349	-21.7876	-36.6088
417	417	450	ENV	Min	0.00	-338.5001	-376.0644	-57.2945
417	417	432	ENV	Min	0.00	-14.6755	-101.5125	-46.5090
418	418	432	ENV	Max	0.00	47.3553	74.2871	38.4708
418	418	450	ENV	Max	0.00	109.4376	360.0944	48.9535
418	418	451	ENV	Max	0.00	57.9762	56.1290	44.9264
418	418	433	ENV	Max	0.00	16.2001	49.4238	16.8498
418	418	432	ENV	Min	0.00	-14.5570	-91.5523	-59.5658
418	418	450	ENV	Min	0.00	-339.8867	-431.0158	-33.8684
418	418	451	ENV	Min	0.00	-45.2192	-38.9252	-28.8503
418	418	433	ENV	Min	0.00	-47.1593	-47.2009	-36.9537
419	419	433	ENV	Max	0.00	17.2030	30.2742	17.9944
419	419	451	ENV	Max	0.00	63.0198	29.5170	9.9897
419	419	452	ENV	Max	0.00	13.6387	6.9018	0.2918
419	419	434	ENV	Max	0.00	4.1292	11.3917	7.5380
419	419	433	ENV	Min	0.00	-48.2911	-28.6960	-16.9371
419	419	451	ENV	Min	0.00	-50.4071	-13.0344	-11.3443

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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
419	419	452	ENV	Min	0.00	-41.6531	-8.5504	-0.8439
419	419	434	ENV	Min	0.00	-8.0401	-6.2912	-5.6781
420	420	434	ENV	Max	0.00	4.6836	8.5168	1.0569
420	420	452	ENV	Max	0.00	13.5019	9.6779	2.4925
420	420	453	ENV	Max	0.00	6.6436	2.7321	2.2681
420	420	435	ENV	Max	0.00	3.4767	3.2470	0.3938
420	420	434	ENV	Min	0.00	-8.6140	-3.5136	-1.6067
420	420	452	ENV	Min	0.00	-41.3383	-10.4366	-1.1872
420	420	453	ENV	Min	0.00	-22.7492	-5.2270	-1.2176
420	420	435	ENV	Min	0.00	-12.5324	-3.9677	-1.1983
421	421	435	ENV	Max	0.00	3.4785	3.2362	0.5151
421	421	453	ENV	Max	0.00	6.5886	3.3588	0.7012
421	421	454	ENV	Max	0.00	7.6373	1.7522	0.7362
421	421	436	ENV	Max	0.00	2.3873	0.5471	0.4549
421	421	435	ENV	Min	0.00	-12.5199	-3.8853	-0.3802
421	421	453	ENV	Min	0.00	-22.6495	-5.6296	-0.8410
421	421	454	ENV	Min	0.00	-26.7592	-5.6701	-0.9328
421	421	436	ENV	Min	0.00	-10.0762	-2.0966	-0.3768
422	422	436	ENV	Max	0.00	2.3791	0.6247	0.4282
422	422	454	ENV	Max	0.00	7.6508	1.5480	0.5480
422	422	455	ENV	Max	0.00	7.5098	1.8449	0.4914
422	422	437	ENV	Max	0.00	2.1883	0.9969	0.3704
422	422	436	ENV	Min	0.00	-10.0704	-2.1862	-0.4921
422	422	454	ENV	Min	0.00	-26.7530	-5.3678	-0.6398
422	422	455	ENV	Min	0.00	-26.6152	-5.5567	-0.5940
422	422	437	ENV	Min	0.00	-9.9366	-2.3564	-0.4451
423	423	437	ENV	Max	0.00	2.1865	0.9143	0.2569
423	423	455	ENV	Max	0.00	7.4911	1.7516	0.8907
423	423	456	ENV	Max	0.00	5.9158	3.9003	1.0760
423	423	438	ENV	Max	0.00	2.4966	4.6060	0.4501
423	423	437	ENV	Min	0.00	-9.9400	-2.3000	-0.5185
423	423	455	ENV	Min	0.00	-26.5834	-5.3980	-0.8374
423	423	456	ENV	Min	0.00	-22.0358	-6.2095	-1.0491
423	423	438	ENV	Min	0.00	-11.4492	-5.3357	-0.7380
424	424	438	ENV	Max	0.00	2.4952	4.5232	1.2244
424	424	456	ENV	Max	0.00	5.9121	3.9307	1.4340
424	424	457	ENV	Max	0.00	11.0670	10.8295	0.8527
424	424	439	ENV	Max	0.00	1.6447	6.3994	1.6467
424	424	438	ENV	Min	0.00	-11.4580	-5.3042	-0.4627
424	424	456	ENV	Min	0.00	-22.0582	-6.3706	-2.4825
424	424	457	ENV	Min	0.00	-38.3962	-12.8452	-1.6730
424	424	439	ENV	Min	0.00	-6.8896	-5.4244	-0.6569
425	425	439	ENV	Max	0.00	1.2171	9.5194	4.6784
425	425	457	ENV	Max	0.00	11.1764	7.6882	5.2569
425	425	458	ENV	Max	0.00	54.3688	18.6597	14.1788
425	425	440	ENV	Max	0.00	9.8455	24.0479	14.9141
425	425	439	ENV	Min	0.00	-6.2658	-7.5634	-6.4587
425	425	457	ENV	Min	0.00	-38.8263	-11.3067	-1.7954
425	425	458	ENV	Min	0.00	-42.7617	-5.3386	-6.6918
425	425	440	ENV	Min	0.00	-31.3967	-39.6606	-12.6689
426	426	440	ENV	Max	0.00	8.8901	39.3359	40.8822

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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
426	426	458	ENV	Max	0.00	50.0420	41.1800	25.5437
426	426	62	ENV	Max	0.00	94.5396	306.4531	30.0263
426	426	61	ENV	Max	0.00	64.5991	35.7742	58.8682
426	426	440	ENV	Min	0.00	-30.5515	-55.4996	-10.9025
426	426	458	ENV	Min	0.00	-38.2472	-26.9201	-33.1923
426	426	62	ENV	Min	0.00	-344.8006	-405.3465	-38.7891
426	426	61	ENV	Min	0.00	-9.4906	-43.9799	-30.0028
427	427	71	ENV	Max	0.00	64.8245	20.1547	15.6337
427	427	2	ENV	Max	0.00	81.6112	14.1652	18.8862
427	427	459	ENV	Max	0.00	19.5161	81.3326	72.5715
427	427	450	ENV	Max	0.00	207.2245	297.2392	46.7868
427	427	71	ENV	Min	0.00	-180.1024	-34.2041	-43.6223
427	427	2	ENV	Min	0.00	-29.3496	-9.2290	-12.0813
427	427	459	ENV	Min	0.00	-22.4958	-73.5280	-57.9057
427	427	450	ENV	Min	0.00	-99.5134	-319.1622	-66.9145
428	428	450	ENV	Max	0.00	226.9765	382.1338	67.1898
428	428	459	ENV	Max	0.00	41.3908	77.0258	48.2579
428	428	460	ENV	Max	0.00	55.3283	30.4293	26.6428
428	428	451	ENV	Max	0.00	40.0726	47.1250	49.3911
428	428	450	ENV	Min	0.00	-115.3834	-384.6469	-41.9921
428	428	459	ENV	Min	0.00	-45.1542	-73.1400	-52.7077
428	428	460	ENV	Min	0.00	-22.8557	-27.9098	-28.8101
428	428	451	ENV	Min	0.00	-108.0656	-46.0712	-21.9110
429	429	451	ENV	Max	0.00	41.6122	21.1416	17.5312
429	429	460	ENV	Max	0.00	57.5455	20.1368	25.6594
429	429	461	ENV	Max	0.00	13.4056	9.7794	11.5155
429	429	452	ENV	Max	0.00	3.8999	7.6346	3.6044
429	429	451	ENV	Min	0.00	-109.7496	-20.8089	-13.2729
429	429	460	ENV	Min	0.00	-24.9483	-16.9944	-15.3111
429	429	461	ENV	Min	0.00	-11.0466	-7.5804	-5.2856
429	429	452	ENV	Min	0.00	-12.0528	-5.3108	-3.4645
430	430	452	ENV	Max	0.00	3.7511	10.8124	4.3975
430	430	461	ENV	Max	0.00	13.9166	12.2578	3.5625
430	430	462	ENV	Max	0.00	11.6829	4.9664	2.6712
430	430	453	ENV	Max	0.00	8.9868	2.7681	3.3230
430	430	452	ENV	Min	0.00	-11.7260	-7.5987	-2.3651
430	430	461	ENV	Min	0.00	-11.8654	-11.5980	-2.8355
430	430	462	ENV	Min	0.00	-4.1845	-2.9263	-2.9429
430	430	453	ENV	Min	0.00	-29.7940	-6.2034	-2.2893
431	431	453	ENV	Max	0.00	8.9407	3.3935	1.6780
431	431	462	ENV	Max	0.00	11.0399	1.7942	1.6075
431	431	463	ENV	Max	0.00	8.0394	1.3531	0.3792
431	431	454	ENV	Max	0.00	7.1703	1.6517	0.3287
431	431	453	ENV	Min	0.00	-29.7031	-6.6047	-1.8149
431	431	462	ENV	Min	0.00	-3.6820	-0.4564	-1.4491
431	431	463	ENV	Min	0.00	-1.8802	0.1148	-0.3815
431	431	454	ENV	Min	0.00	-25.3843	-5.3880	-0.6263
432	432	454	ENV	Max	0.00	7.1869	1.4522	0.3163
432	432	463	ENV	Max	0.00	8.7048	3.9197	0.2061
432	432	464	ENV	Max	0.00	7.3238	1.4599	0.5037
432	432	455	ENV	Max	0.00	7.0860	1.7598	0.7488

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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
432	432	454	ENV	Min	0.00	-25.3813	-5.0905	-0.4588
432	432	463	ENV	Min	0.00	-2.6105	-2.7938	-0.3435
432	432	464	ENV	Min	0.00	-0.9617	0.3495	-0.6034
432	432	455	ENV	Min	0.00	-25.4007	-5.3135	-0.8536
433	433	455	ENV	Max	0.00	7.0672	1.6663	1.0988
433	433	464	ENV	Max	0.00	7.2410	1.3550	0.5376
433	433	465	ENV	Max	0.00	6.1759	3.1376	0.8897
433	433	456	ENV	Max	0.00	8.2983	3.8800	1.4691
433	433	455	ENV	Min	0.00	-25.3688	-5.1546	-0.9756
433	433	464	ENV	Min	0.00	-0.9302	0.0428	-0.7854
433	433	465	ENV	Min	0.00	1.2522	-0.7661	-1.1344
433	433	456	ENV	Min	0.00	-28.8634	-7.0782	-1.3428
434	434	456	ENV	Max	0.00	8.2952	3.9111	1.8228
434	434	465	ENV	Max	0.00	6.2016	2.0187	3.0326
434	434	466	ENV	Max	0.00	9.7508	8.7634	4.3651
434	434	457	ENV	Max	0.00	1.4264	11.3351	3.1824
434	434	456	ENV	Min	0.00	-28.8865	-7.2401	-2.7301
434	434	465	ENV	Min	0.00	1.2516	0.6343	-2.2332
434	434	466	ENV	Min	0.00	-5.9580	-6.8611	-3.9571
434	434	457	ENV	Min	0.00	-9.5692	-9.5135	-4.4812
435	435	457	ENV	Max	0.00	1.5385	7.9313	7.3509
435	435	466	ENV	Max	0.00	9.8386	11.9698	5.5562
435	435	467	ENV	Max	0.00	42.7710	13.9573	11.4627
435	435	458	ENV	Max	0.00	34.6085	10.6302	12.7303
435	435	457	ENV	Min	0.00	-10.0019	-7.7125	-4.1889
435	435	466	ENV	Min	0.00	-5.4503	-7.0901	-10.4459
435	435	467	ENV	Min	0.00	-17.1265	-9.1241	-18.2901
435	435	458	ENV	Min	0.00	-104.0084	-13.5105	-11.5059
436	436	458	ENV	Max	0.00	33.5081	33.1965	15.0101
436	436	467	ENV	Max	0.00	40.4509	29.5186	30.2875
436	436	19	ENV	Max	0.00	22.8646	12.7606	56.2005
436	436	62	ENV	Max	0.00	223.7143	329.2098	36.0112
436	436	458	ENV	Min	0.00	-102.7204	-35.1380	-38.3845
436	436	467	ENV	Min	0.00	-14.2834	-22.0710	-17.4739
436	436	19	ENV	Min	0.00	0.2815	-24.8070	-38.6551
436	436	62	ENV	Min	0.00	-123.6705	-358.0422	-54.6538
473	473	22	ENV	Max	0.00	4.0043	17.4773	7.8203
473	473	441	ENV	Max	0.00	17.5572	88.5510	4.6461
473	473	499	ENV	Max	0.00	11.3710	22.2282	6.9367
473	473	60	ENV	Max	0.00	0.5517	35.0068	5.4957
473	473	22	ENV	Min	0.00	-2.5066	-8.5697	-4.2919
473	473	441	ENV	Min	0.00	-11.9496	-76.7549	-2.4556
473	473	499	ENV	Min	0.00	-10.6191	-18.5863	-4.9017
473	473	60	ENV	Min	0.00	-0.5691	-28.3351	-2.1228
474	474	441	ENV	Max	0.00	17.8527	88.4034	10.8085
474	474	442	ENV	Max	0.00	3.1105	17.3858	12.6630
474	474	500	ENV	Max	0.00	2.7537	24.5314	3.6560
474	474	499	ENV	Max	0.00	11.1679	22.2821	1.9393
474	474	441	ENV	Min	0.00	-21.7156	-78.5015	-6.8292
474	474	442	ENV	Min	0.00	-1.4084	-18.7970	-7.5461
474	474	500	ENV	Min	0.00	-4.5356	-22.5947	-0.4365

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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
474	474	499	ENV	Min	0.00	-8.3987	-18.2367	0.1426
475	475	442	ENV	Max	0.00	10.5301	18.9118	5.2448
475	475	443	ENV	Max	0.00	2.7550	27.7627	3.1968
475	475	501	ENV	Max	0.00	1.1048	16.3097	2.7927
475	475	500	ENV	Max	0.00	1.7280	24.3846	5.5273
475	475	442	ENV	Min	0.00	-12.4016	-21.0377	-1.5244
475	475	443	ENV	Min	0.00	-2.3433	-28.6862	0.4315
475	475	501	ENV	Min	0.00	-1.3856	-16.8911	0.5470
475	475	500	ENV	Min	0.00	-2.2720	-22.2003	-2.0955
476	476	443	ENV	Max	0.00	4.6144	28.0606	2.9255
476	476	444	ENV	Max	0.00	4.5776	32.1235	2.9431
476	476	502	ENV	Max	0.00	2.5656	17.0593	2.7676
476	476	501	ENV	Max	0.00	0.7268	16.0762	2.7579
476	476	443	ENV	Min	0.00	-3.5574	-28.8551	0.0934
476	476	444	ENV	Min	0.00	-5.0820	-34.6547	-0.4433
476	476	502	ENV	Min	0.00	-2.8617	-17.7861	-0.4859
476	476	501	ENV	Min	0.00	-1.1452	-16.6851	0.0428
477	477	444	ENV	Max	0.00	8.8529	32.9159	2.7129
477	477	445	ENV	Max	0.00	5.2438	32.7531	3.3911
477	477	503	ENV	Max	0.00	2.8417	17.5582	3.4134
477	477	502	ENV	Max	0.00	1.5785	16.8693	2.7896
477	477	444	ENV	Min	0.00	-8.4095	-35.2576	-0.8048
477	477	445	ENV	Min	0.00	-7.0061	-34.6291	-1.4353
477	477	503	ENV	Min	0.00	-2.7449	-18.0067	-1.3035
477	477	502	ENV	Min	0.00	-2.2479	-17.6708	-0.7274
478	478	445	ENV	Max	0.00	7.1474	33.0182	3.2266
478	478	446	ENV	Max	0.00	5.7922	32.5161	3.4205
478	478	504	ENV	Max	0.00	2.5914	17.2476	3.8745
478	478	503	ENV	Max	0.00	2.2658	17.4672	3.6869
478	478	445	ENV	Min	0.00	-5.2745	-34.1673	-1.6656
478	478	446	ENV	Min	0.00	-7.1736	-32.7683	-2.1544
478	478	504	ENV	Min	0.00	-1.9513	-16.5371	-2.2465
478	478	503	ENV	Min	0.00	-3.0637	-18.0947	-1.7641
479	479	446	ENV	Max	0.00	7.3685	32.8681	3.5694
479	479	447	ENV	Max	0.00	4.4275	30.3001	4.1355
479	479	505	ENV	Max	0.00	2.7073	16.7434	5.1557
479	479	504	ENV	Max	0.00	2.0450	17.1265	4.5755
479	479	446	ENV	Min	0.00	-5.4529	-32.4610	-2.5136
479	479	447	ENV	Min	0.00	-6.3174	-27.6455	-2.7290
479	479	505	ENV	Min	0.00	-1.2559	-14.5723	-3.1494
479	479	504	ENV	Min	0.00	-2.4225	-16.6195	-2.9198
480	480	447	ENV	Max	0.00	7.3298	30.9856	4.5253
480	480	448	ENV	Max	0.00	6.1045	28.7432	6.0172
480	480	506	ENV	Max	0.00	2.5861	15.1614	7.4554
480	480	505	ENV	Max	0.00	1.9185	16.5907	5.9652
480	480	447	ENV	Min	0.00	-3.7816	-27.2434	-3.0649
480	480	448	ENV	Min	0.00	-7.1575	-22.5065	-4.2702
480	480	506	ENV	Min	0.00	0.1644	-10.1808	-4.8778
480	480	505	ENV	Min	0.00	-1.8756	-14.7013	-3.6743
481	481	448	ENV	Max	0.00	5.5379	28.6912	7.1927
481	481	449	ENV	Max	0.00	1.4952	22.2866	9.8091

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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
481	481	507	ENV	Max	0.00	7.7809	16.6044	11.5837
481	481	506	ENV	Max	0.00	1.8788	15.1604	8.9257
481	481	448	ENV	Min	0.00	-1.0998	-21.3563	-5.0078
481	481	449	ENV	Min	0.00	-1.2130	-3.6184	-5.7707
481	481	507	ENV	Min	0.00	-1.9065	-15.9738	-6.5441
481	481	506	ENV	Min	0.00	-1.2494	-10.6040	-5.7394
482	482	449	ENV	Max	0.00	5.4394	23.1458	15.3817
482	482	42	ENV	Max	0.00	2.6491	17.1209	12.9394
482	482	52	ENV	Max	0.00	13.4907	27.2020	12.3415
482	482	507	ENV	Max	0.00	7.9027	16.3895	14.7873
482	482	449	ENV	Min	0.00	0.6611	-3.3140	-7.8034
482	482	42	ENV	Min	0.00	-4.4152	1.8886	-7.5419
482	482	52	ENV	Min	0.00	-31.6389	-40.2121	-8.0700
482	482	507	ENV	Min	0.00	-2.6879	-15.8908	-8.3350
489	489	7	ENV	Max	0.00	1.7070	1.0756	0.9494
489	489	64	ENV	Max	0.00	1.1917	2.4954	2.0349
489	489	292	ENV	Max	0.00	1.5943	5.2313	1.0012
489	489	293	ENV	Max	0.00	2.5869	2.7984	0.3991
489	489	7	ENV	Min	0.00	-1.5905	-0.8958	-1.0614
489	489	64	ENV	Min	0.00	-1.5275	-2.5332	-1.9229
489	489	292	ENV	Min	0.00	-1.6272	-5.4356	-1.0525
489	489	293	ENV	Min	0.00	-2.4946	-2.6379	-0.5274
490	490	293	ENV	Max	0.00	1.9502	1.4360	0.5461
490	490	292	ENV	Max	0.00	2.5893	3.3360	0.6042
490	490	294	ENV	Max	0.00	4.2919	8.5688	0.8803
490	490	295	ENV	Max	0.00	2.2461	5.8899	2.2473
490	490	293	ENV	Min	0.00	-1.8510	-1.2371	-0.6680
490	490	292	ENV	Min	0.00	-2.6933	-3.3625	-0.6803
490	490	294	ENV	Min	0.00	-4.2817	-8.5348	-1.0162
490	490	295	ENV	Min	0.00	-2.1129	-5.5599	-2.3822
491	491	295	ENV	Max	0.00	1.2541	3.4356	2.6106
491	491	294	ENV	Max	0.00	5.5197	5.8533	1.3009
491	491	83	ENV	Max	0.00	10.0701	13.9596	2.6799
491	491	82	ENV	Max	0.00	2.4964	10.1490	5.5013
491	491	295	ENV	Min	0.00	-1.0783	-3.1256	-2.7250
491	491	294	ENV	Min	0.00	-5.5175	-5.7148	-1.4323
491	491	83	ENV	Min	0.00	-9.6203	-13.4606	-2.8670
491	491	82	ENV	Min	0.00	-2.7110	-9.7288	-5.4894
492	492	9	ENV	Max	0.00	1.8416	0.7221	0.3794
492	492	7	ENV	Max	0.00	0.5177	1.3876	0.8670
492	492	293	ENV	Max	0.00	1.3420	3.5361	0.3963
492	492	296	ENV	Max	0.00	2.5864	2.0434	0.6701
492	492	9	ENV	Min	0.00	-1.6164	-0.5664	-0.5798
492	492	7	ENV	Min	0.00	-0.4674	-1.2328	-0.9870
492	492	293	ENV	Min	0.00	-1.1512	-3.3676	-0.5496
492	492	296	ENV	Min	0.00	-2.4335	-1.8382	-0.8269
493	493	296	ENV	Max	0.00	2.1503	0.9165	0.7979
493	493	293	ENV	Max	0.00	2.0325	2.0888	0.2223
493	493	295	ENV	Max	0.00	3.8728	7.0321	1.0675
493	493	297	ENV	Max	0.00	2.1986	5.0487	2.2802
493	493	296	ENV	Min	0.00	-1.9466	-0.7365	-0.9288

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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
493	493	293	ENV	Min	0.00	-1.8332	-1.8835	-0.3684
493	493	295	ENV	Min	0.00	-3.7079	-6.7094	-1.1609
493	493	297	ENV	Min	0.00	-1.9710	-4.7848	-2.3869
494	494	297	ENV	Max	0.00	1.3426	2.6784	2.5629
494	494	295	ENV	Max	0.00	4.9431	4.5782	1.4207
494	494	82	ENV	Max	0.00	9.7243	12.6180	2.6284
494	494	84	ENV	Max	0.00	2.6313	9.3958	5.3527
494	494	297	ENV	Min	0.00	-1.0664	-2.4450	-2.6455
494	494	295	ENV	Min	0.00	-4.7238	-4.2875	-1.4864
494	494	82	ENV	Min	0.00	-9.2455	-12.0871	-2.6683
494	494	84	ENV	Min	0.00	-2.6090	-9.1816	-5.3308
495	495	10	ENV	Max	0.00	2.1739	0.6104	0.2895
495	495	9	ENV	Max	0.00	0.8412	0.9039	0.4603
495	495	296	ENV	Max	0.00	1.0450	2.7058	0.2985
495	495	298	ENV	Max	0.00	3.0323	1.8124	0.7822
495	495	10	ENV	Min	0.00	-1.8500	-0.5507	-0.4744
495	495	9	ENV	Min	0.00	-0.5711	-0.7548	-0.6122
495	495	296	ENV	Min	0.00	-0.7542	-2.4886	-0.4122
495	495	298	ENV	Min	0.00	-2.7298	-1.7048	-0.9221
496	496	298	ENV	Max	0.00	2.7701	0.7581	0.8271
496	496	296	ENV	Max	0.00	1.5312	1.5006	0.1940
496	496	297	ENV	Max	0.00	3.6412	6.1697	0.7606
496	496	299	ENV	Max	0.00	2.9239	4.9641	2.2109
496	496	298	ENV	Min	0.00	-2.4101	-0.6741	-0.9355
496	496	296	ENV	Min	0.00	-1.1966	-1.3015	-0.2840
496	496	297	ENV	Min	0.00	-3.3944	-5.9091	-0.7723
496	496	299	ENV	Min	0.00	-2.5123	-4.8597	-2.2969
497	497	299	ENV	Max	0.00	2.2872	2.8518	2.3652
497	497	297	ENV	Max	0.00	4.4932	3.8597	0.9811
497	497	84	ENV	Max	0.00	10.2581	12.0776	1.8168
497	497	85	ENV	Max	0.00	4.4717	8.9768	5.0585
497	497	299	ENV	Min	0.00	-1.8183	-2.7478	-2.4156
497	497	297	ENV	Min	0.00	-4.1907	-3.6367	-0.9628
497	497	84	ENV	Min	0.00	-9.8252	-11.7968	-1.7802
497	497	85	ENV	Min	0.00	-4.1763	-8.9392	-5.0348
498	498	11	ENV	Max	0.00	2.5277	0.4820	0.2650
498	498	10	ENV	Max	0.00	1.5607	0.7449	0.2828
498	498	298	ENV	Max	0.00	0.5033	2.4233	0.1899
498	498	300	ENV	Max	0.00	3.5629	1.6210	0.7999
498	498	11	ENV	Min	0.00	-2.1133	-0.4461	-0.4330
498	498	10	ENV	Min	0.00	-1.1476	-0.6751	-0.4213
498	498	298	ENV	Min	0.00	-0.0862	-2.3006	-0.2884
498	498	300	ENV	Min	0.00	-3.1092	-1.6153	-0.9645
499	499	300	ENV	Max	0.00	3.1607	0.9547	0.9481
499	499	298	ENV	Max	0.00	0.8890	1.2338	0.1368
499	499	299	ENV	Max	0.00	2.4720	5.8545	0.9111
499	499	301	ENV	Max	0.00	3.0725	4.5493	1.9938
499	499	300	ENV	Min	0.00	-2.6947	-1.0233	-1.1118
499	499	298	ENV	Min	0.00	-0.4270	-1.1221	-0.2063
499	499	299	ENV	Min	0.00	-2.0003	-5.7309	-0.9283
499	499	301	ENV	Min	0.00	-2.5246	-4.5600	-2.1133

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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
500	500	301	ENV	Max	0.00	2.3822	3.0745	2.2409
500	500	299	ENV	Max	0.00	3.3096	3.6026	1.1335
500	500	85	ENV	Max	0.00	7.5802	11.0618	2.2319
500	500	86	ENV	Max	0.00	3.6538	8.3784	4.3171
500	500	301	ENV	Min	0.00	-1.8227	-3.1909	-2.3590
500	500	299	ENV	Min	0.00	-2.7622	-3.4978	-1.0987
500	500	85	ENV	Min	0.00	-6.8964	-10.9614	-2.2107
500	500	86	ENV	Min	0.00	-2.9887	-8.1236	-4.3230
501	501	33	ENV	Max	0.00	0.8532	0.5066	0.2022
501	501	11	ENV	Max	0.00	1.8650	0.6134	0.2094
501	501	300	ENV	Max	0.00	0.6421	2.1862	0.1326
501	501	302	ENV	Max	0.00	1.8374	2.8361	0.9938
501	501	33	ENV	Min	0.00	-0.8284	-0.5139	-0.3261
501	501	11	ENV	Min	0.00	-1.3765	-0.5658	-0.4231
501	501	300	ENV	Min	0.00	-0.1673	-2.1793	-0.3712
501	501	302	ENV	Min	0.00	-1.7067	-2.7257	-1.1306
502	502	302	ENV	Max	0.00	1.2555	2.6336	1.2196
502	502	300	ENV	Max	0.00	0.4718	1.5144	0.2741
502	502	301	ENV	Max	0.00	1.7224	5.3577	0.6378
502	502	303	ENV	Max	0.00	1.2380	6.6414	1.9878
502	502	302	ENV	Min	0.00	-1.2951	-2.6201	-1.4816
502	502	300	ENV	Min	0.00	-0.0011	-1.5654	-0.5299
502	502	301	ENV	Min	0.00	-0.9742	-5.3117	-0.9137
502	502	303	ENV	Min	0.00	-1.1828	-6.7890	-2.2934
503	503	303	ENV	Max	0.00	0.8600	5.8670	1.9181
503	503	301	ENV	Max	0.00	2.2761	4.0496	0.7364
503	503	86	ENV	Max	0.00	7.7133	10.6491	0.8815
503	503	80	ENV	Max	0.00	5.0331	8.6001	3.4489
503	503	303	ENV	Min	0.00	-1.1931	-6.1468	-2.5072
503	503	301	ENV	Min	0.00	-1.3892	-4.2365	-0.9812
503	503	86	ENV	Min	0.00	-6.7705	-10.4749	-0.6975
503	503	80	ENV	Min	0.00	-4.0742	-9.7473	-4.3727
504	504	12	ENV	Max	0.00	0.6921	0.7447	0.2424
504	504	6	ENV	Max	0.00	0.1504	0.6305	0.6404
504	504	304	ENV	Max	0.00	1.2182	1.2550	0.9512
504	504	305	ENV	Max	0.00	0.9622	2.7592	0.3687
504	504	12	ENV	Min	0.00	-0.5783	-0.4010	-0.4069
504	504	6	ENV	Min	0.00	-0.4005	-0.6291	-0.6430
504	504	304	ENV	Min	0.00	-0.9270	-1.3530	-1.1179
504	504	305	ENV	Min	0.00	-1.1377	-3.1034	-0.6223
505	505	305	ENV	Max	0.00	0.1738	1.5875	0.7662
505	505	304	ENV	Max	0.00	1.3652	0.8305	1.0852
505	505	306	ENV	Max	0.00	3.6123	7.7687	1.4079
505	505	307	ENV	Max	0.00	5.6092	9.0134	2.8007
505	505	305	ENV	Min	0.00	-0.5712	-1.9401	-1.1298
505	505	304	ENV	Min	0.00	-1.0744	-0.6467	-1.1885
505	505	306	ENV	Min	0.00	-6.0841	-9.3236	-1.0691
505	505	307	ENV	Min	0.00	-2.7540	-9.2320	-4.0055
506	506	307	ENV	Max	0.00	1.4528	6.2414	3.0737
506	506	306	ENV	Max	0.00	6.4441	3.7001	2.1974
506	506	55	ENV	Max	0.00	16.6164	31.1783	8.7387

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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
506	506	87	ENV	Max	0.00	0.3414	13.0833	6.9895
506	506	307	ENV	Min	0.00	-0.6883	-5.6284	-5.1487
506	506	306	ENV	Min	0.00	-8.8572	-4.2379	-1.3715
506	506	55	ENV	Min	0.00	-8.4392	-37.7420	-14.5052
506	506	87	ENV	Min	0.00	-4.6103	-8.6533	-7.7674
507	507	13	ENV	Max	0.00	0.4570	1.1979	0.3441
507	507	12	ENV	Max	0.00	0.4645	0.8324	0.6738
507	507	305	ENV	Max	0.00	2.4084	3.4731	0.1675
507	507	308	ENV	Max	0.00	1.5116	3.1022	0.8616
507	507	13	ENV	Min	0.00	-0.7027	-0.4281	-0.7704
507	507	12	ENV	Min	0.00	-1.0198	-0.5880	-0.9059
507	507	305	ENV	Min	0.00	-2.1000	-3.6860	-0.9749
507	507	308	ENV	Min	0.00	-2.0241	-2.3345	-1.3719
508	508	308	ENV	Max	0.00	0.5782	1.3220	1.0679
508	508	305	ENV	Max	0.00	3.3471	2.1072	0.0896
508	508	307	ENV	Max	0.00	6.5543	10.6117	1.9774
508	508	309	ENV	Max	0.00	0.5620	6.6672	3.3510
508	508	308	ENV	Min	0.00	-1.2569	-0.5610	-1.6681
508	508	305	ENV	Min	0.00	-3.6316	-1.9576	-1.2061
508	508	307	ENV	Min	0.00	-6.4843	-10.9077	-3.8233
508	508	309	ENV	Min	0.00	-2.1199	-5.3817	-3.9978
509	509	309	ENV	Max	0.00	0.3927	2.9268	3.8531
509	509	307	ENV	Max	0.00	8.2286	7.7910	2.8704
509	509	87	ENV	Max	0.00	10.7572	15.0496	4.9187
509	509	88	ENV	Max	0.00	0.2509	10.4395	6.9730
509	509	309	ENV	Min	0.00	-1.5599	-1.4865	-4.4172
509	509	307	ENV	Min	0.00	-8.8810	-8.6236	-5.4101
509	509	87	ENV	Min	0.00	-11.6914	-11.1149	-6.1454
509	509	88	ENV	Min	0.00	-3.3411	-10.1168	-7.5388
510	510	14	ENV	Max	0.00	0.6419	1.5673	0.5865
510	510	13	ENV	Max	0.00	1.0173	1.1070	0.2347
510	510	308	ENV	Max	0.00	2.0183	3.7145	0.4197
510	510	310	ENV	Max	0.00	1.3057	1.7861	1.4098
510	510	14	ENV	Min	0.00	-1.4972	-0.7954	-0.8399
510	510	13	ENV	Min	0.00	-1.6577	-0.4916	-0.8036
510	510	308	ENV	Min	0.00	-2.8669	-3.0896	-1.0536
510	510	310	ENV	Min	0.00	-2.4810	-1.0209	-1.6986
511	511	23	ENV	Max	0.00	25.9728	48.1389	45.7020
511	511	531	ENV	Max	0.00	58.2435	74.8794	18.5529
511	511	532	ENV	Max	0.00	133.6392	259.6131	34.8405
511	511	24	ENV	Max	0.00	145.6703	40.2534	59.4800
511	511	23	ENV	Min	0.00	-3.8389	-12.1997	-14.2086
511	511	531	ENV	Min	0.00	-24.9075	-41.6136	-37.5396
511	511	532	ENV	Min	0.00	-505.6132	-381.3221	-54.8214
511	511	24	ENV	Min	0.00	-28.1097	-64.6360	-28.9806
512	512	531	ENV	Max	0.00	43.2338	51.8496	20.7166
512	512	533	ENV	Max	0.00	34.4722	34.8479	25.3522
512	512	534	ENV	Max	0.00	23.9720	61.1999	44.9515
512	512	532	ENV	Max	0.00	276.2594	280.3455	22.9137
512	512	531	ENV	Min	0.00	-152.3655	-47.0773	-56.4054
512	512	533	ENV	Min	0.00	-13.0847	-40.5552	-20.1157

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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
512	512	534	ENV	Min	0.00	-62.6302	-58.0180	-34.7494
512	512	532	ENV	Min	0.00	-111.0571	-294.6192	-53.6370
513	513	533	ENV	Max	0.00	9.6029	34.8605	12.6905
513	513	535	ENV	Max	0.00	3.5367	7.1063	6.6787
513	513	536	ENV	Max	0.00	6.3753	19.1849	1.1153
513	513	534	ENV	Max	0.00	12.8412	65.5646	7.3268
513	513	533	ENV	Min	0.00	-5.1619	-43.9571	-9.1169
513	513	535	ENV	Min	0.00	-5.0861	-6.7073	-6.3309
513	513	536	ENV	Min	0.00	-4.0161	-18.5469	-0.7798
513	513	534	ENV	Min	0.00	-25.8293	-57.2486	-3.7655
514	514	535	ENV	Max	0.00	4.4300	7.5368	1.0054
514	514	537	ENV	Max	0.00	0.7444	2.2193	1.3685
514	514	538	ENV	Max	0.00	0.7152	2.9979	1.8910
514	514	536	ENV	Max	0.00	5.9327	18.9951	2.8383
514	514	535	ENV	Min	0.00	-4.2398	-6.7899	-0.6281
514	514	537	ENV	Min	0.00	-0.2824	-2.1443	-1.0579
514	514	538	ENV	Min	0.00	-0.6161	-2.9249	-1.7730
514	514	536	ENV	Min	0.00	-5.8455	-18.8115	-2.6536
515	515	537	ENV	Max	0.00	0.6770	2.2050	0.3539
515	515	539	ENV	Max	0.00	0.2553	0.5753	0.1898
515	515	540	ENV	Max	0.00	0.2409	1.0865	0.1636
515	515	538	ENV	Max	0.00	0.7505	3.0372	0.1602
515	515	537	ENV	Min	0.00	-0.2509	-2.1372	-0.2411
515	515	539	ENV	Min	0.00	-0.1768	-0.5502	-0.1511
515	515	540	ENV	Min	0.00	-0.2686	-1.1072	-0.1344
515	515	538	ENV	Min	0.00	-0.6159	-2.9570	-0.0570
516	516	539	ENV	Max	0.00	0.2346	0.5713	0.1006
516	516	541	ENV	Max	0.00	-0.0054	0.2434	0.0887
516	516	542	ENV	Max	0.00	0.0466	0.3201	0.0451
516	516	540	ENV	Max	0.00	0.1879	1.0760	0.0504
516	516	539	ENV	Min	0.00	-0.1594	-0.5468	-0.1069
516	516	541	ENV	Min	0.00	-0.1708	-0.2780	-0.1257
516	516	542	ENV	Min	0.00	-0.2931	-0.3934	-0.0862
516	516	540	ENV	Min	0.00	-0.2222	-1.0980	-0.0608
517	517	541	ENV	Max	0.00	-0.0062	0.2432	0.0410
517	517	543	ENV	Max	0.00	0.3323	0.4731	0.0448
517	517	544	ENV	Max	0.00	0.4024	0.8219	0.0330
517	517	542	ENV	Max	0.00	0.0451	0.3196	0.0485
517	517	541	ENV	Min	0.00	-0.1688	-0.2775	-0.0993
517	517	543	ENV	Min	0.00	-0.2344	-0.4456	-0.1021
517	517	544	ENV	Min	0.00	-0.2400	-0.8410	-0.0950
517	517	542	ENV	Min	0.00	-0.2967	-0.3939	-0.1115
518	518	543	ENV	Max	0.00	0.3311	0.4732	0.1014
518	518	545	ENV	Max	0.00	2.6809	1.8442	0.3882
518	518	546	ENV	Max	0.00	4.2559	2.2498	0.3043
518	518	544	ENV	Max	0.00	0.4105	0.8315	0.0503
518	518	543	ENV	Min	0.00	-0.2453	-0.4481	-0.0812
518	518	545	ENV	Min	0.00	-0.7563	-1.4553	-0.1521
518	518	546	ENV	Min	0.00	-1.2824	-1.9142	-0.1167
518	518	544	ENV	Min	0.00	-0.2525	-0.8515	-0.0786
519	519	545	ENV	Max	0.00	2.6212	1.8569	1.6435

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Area	AreaElem	Joint	OutputCase	StepType	FVM	M11	M22	M12
					KN/m	KN-m/m	KN-m/m	KN-m/m
519	519	547	ENV	Max	0.00	7.0328	4.7845	2.5084
519	519	548	ENV	Max	0.00	9.9605	14.1402	2.8991
519	519	546	ENV	Max	0.00	4.1187	2.2073	1.6062
519	519	545	ENV	Min	0.00	-0.7259	-1.4739	-0.7252
519	519	547	ENV	Min	0.00	-3.0801	-5.0086	-0.6404
519	519	548	ENV	Min	0.00	-1.9230	-13.9561	-1.5319
519	519	546	ENV	Min	0.00	-1.2194	-1.8864	-1.1887
520	520	547	ENV	Max	0.00	8.6543	5.0034	6.3819
520	520	26	ENV	Max	0.00	7.8024	34.1213	12.4687
520	520	27	ENV	Max	0.00	13.3456	28.0059	9.1604
520	520	548	ENV	Max	0.00	6.7901	14.0774	2.5626
520	520	547	ENV	Min	0.00	-2.7118	-4.8295	-2.2506
520	520	26	ENV	Min	0.00	-22.2955	-26.1902	-3.2096
520	520	27	ENV	Min	0.00	-5.8694	-49.2255	-2.0686
520	520	548	ENV	Min	0.00	-1.6572	-14.4742	-0.5986
531	531	5	ENV	Max	0.00	48.4041	5.1858	44.2867
531	531	558	ENV	Max	0.00	139.8434	36.6635	19.7958
531	531	559	ENV	Max	0.00	134.0841	252.6176	35.4629
531	531	478	ENV	Max	0.00	119.7862	70.8937	76.6120
531	531	5	ENV	Min	0.00	-90.9958	-14.3443	-11.7737
531	531	558	ENV	Min	0.00	-66.5518	-14.1009	-44.8262
531	531	559	ENV	Min	0.00	-455.0855	-344.3532	-60.5614
531	531	478	ENV	Min	0.00	-28.3965	-71.2295	-44.1671
532	532	558	ENV	Max	0.00	71.7866	15.5427	19.6044
532	532	560	ENV	Max	0.00	83.4820	19.5489	31.1329
532	532	561	ENV	Max	0.00	30.6036	80.6546	59.5904
532	532	559	ENV	Max	0.00	313.2557	293.1246	32.6474
532	532	558	ENV	Min	0.00	-214.8510	-36.2512	-57.3168
532	532	560	ENV	Min	0.00	-30.6180	-11.8175	-15.4936
532	532	561	ENV	Min	0.00	-69.7893	-76.4622	-38.7512
532	532	559	ENV	Min	0.00	-137.5233	-285.5134	-65.1600
533	533	560	ENV	Max	0.00	35.0860	14.0486	22.9907
533	533	562	ENV	Max	0.00	9.5677	5.0741	12.9000
533	533	563	ENV	Max	0.00	4.1240	14.2288	1.4051
533	533	561	ENV	Max	0.00	17.1802	85.1412	9.6208
533	533	560	ENV	Min	0.00	-13.6813	-12.6090	-16.2618
533	533	562	ENV	Min	0.00	-13.8789	-5.6208	-12.6569
533	533	563	ENV	Min	0.00	-1.1866	-13.2351	-2.6895
533	533	561	ENV	Min	0.00	-27.9929	-75.2743	-4.4195
534	534	562	ENV	Max	0.00	10.0148	5.4686	2.0004
534	534	564	ENV	Max	0.00	1.0088	1.8490	0.1171
534	534	565	ENV	Max	0.00	1.6832	5.0937	2.3508
534	534	563	ENV	Max	0.00	3.0539	13.8411	4.2391
534	534	562	ENV	Min	0.00	-10.9114	-5.3324	-2.2625
534	534	564	ENV	Min	0.00	-1.3927	-1.8615	-0.1834
534	534	565	ENV	Min	0.00	-2.0869	-5.2277	-2.5453
534	534	563	ENV	Min	0.00	-3.0885	-13.4418	-4.6293
535	535	564	ENV	Max	0.00	1.5671	1.7322	0.8100
535	535	566	ENV	Max	0.00	0.1719	0.5789	0.4736
535	535	567	ENV	Max	0.00	0.0719	0.9881	0.1078
535	535	565	ENV	Max	0.00	1.4491	5.0518	0.2315

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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
535	535	564	ENV	Min	0.00	-2.0251	-1.7595	-0.8829
535	535	566	ENV	Min	0.00	-0.3782	-0.5755	-0.5006
535	535	567	ENV	Min	0.00	-0.2242	-0.9956	-0.1246
535	535	565	ENV	Min	0.00	-1.7913	-5.1735	-0.2942
536	536	566	ENV	Max	0.00	0.2878	0.6019	0.0567
536	536	568	ENV	Max	0.00	-0.0267	0.3055	0.0992
536	536	569	ENV	Max	0.00	-0.0124	0.4962	0.0992
536	536	567	ENV	Max	0.00	0.1324	1.0002	0.1428
536	536	566	ENV	Min	0.00	-0.4976	-0.5993	-0.0445
536	536	568	ENV	Min	0.00	-0.2557	-0.2972	-0.0562
536	536	569	ENV	Min	0.00	-0.2173	-0.5735	-0.0624
536	536	567	ENV	Min	0.00	-0.2866	-1.0081	-0.1367
537	537	568	ENV	Max	0.00	-0.0253	0.3056	0.1171
537	537	570	ENV	Max	0.00	0.4904	0.4981	0.1372
537	537	571	ENV	Max	0.00	0.4831	0.7625	0.1916
537	537	569	ENV	Max	0.00	-0.0120	0.4961	0.1211
537	537	568	ENV	Min	0.00	-0.2564	-0.2971	-0.0363
537	537	570	ENV	Min	0.00	-0.3528	-0.5408	-0.0335
537	537	571	ENV	Min	0.00	-0.3008	-0.7402	-0.1092
537	537	569	ENV	Min	0.00	-0.2236	-0.5746	-0.0615
538	538	570	ENV	Max	0.00	0.4045	0.4742	0.5231
538	538	572	ENV	Max	0.00	4.7803	1.5729	0.7976
538	538	573	ENV	Max	0.00	4.0591	4.0453	0.3291
538	538	571	ENV	Max	0.00	0.4740	0.7507	0.0321
538	538	570	ENV	Min	0.00	-0.2994	-0.5234	-0.3544
538	538	572	ENV	Min	0.00	-1.5369	-1.4505	-0.7193
538	538	573	ENV	Min	0.00	-1.2360	-3.8339	-0.3942
538	538	571	ENV	Min	0.00	-0.2920	-0.7284	-0.0069
539	539	572	ENV	Max	0.00	4.6086	1.6602	0.5652
539	539	574	ENV	Max	0.00	12.6315	4.7332	2.1460
539	539	575	ENV	Max	0.00	9.5834	9.9376	3.3947
539	539	573	ENV	Max	0.00	4.0956	4.0798	1.8127
539	539	572	ENV	Min	0.00	-1.4096	-1.5467	-0.5997
539	539	574	ENV	Min	0.00	-4.5644	-5.2297	-2.4577
539	539	575	ENV	Min	0.00	-1.9525	-8.9200	-4.0202
539	539	573	ENV	Min	0.00	-1.2915	-3.8721	-2.1609
540	540	574	ENV	Max	0.00	17.3494	4.9750	10.6389
540	540	25	ENV	Max	0.00	19.8136	13.0599	22.8152
540	540	512	ENV	Max	0.00	16.5548	54.6134	11.8149
540	540	575	ENV	Max	0.00	4.4599	9.4549	1.2111
540	540	574	ENV	Min	0.00	-4.9477	-4.6045	-9.5691
540	540	25	ENV	Min	0.00	-48.7750	-14.2443	-13.4708
540	540	512	ENV	Min	0.00	-7.2029	-78.6398	-5.8394
540	540	575	ENV	Min	0.00	-0.5610	-9.1836	-3.5101
541	541	478	ENV	Max	0.00	119.0191	62.5051	34.2399
541	541	559	ENV	Max	0.00	148.0657	295.1959	62.3836
541	541	576	ENV	Max	0.00	56.3788	46.1305	40.1948
541	541	479	ENV	Max	0.00	20.2827	25.4118	13.4785
541	541	478	ENV	Min	0.00	-26.7637	-58.5126	-62.2230
541	541	559	ENV	Min	0.00	-472.6463	-404.8273	-37.6436
541	541	576	ENV	Min	0.00	-28.9327	-22.4086	-18.8794

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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
541	541	479	ENV	Min	0.00	-34.1687	-21.2332	-44.8861
542	542	559	ENV	Max	0.00	297.3138	314.6247	55.9926
542	542	561	ENV	Max	0.00	28.5120	75.7282	39.2442
542	542	577	ENV	Max	0.00	44.2892	37.5812	13.9968
542	542	576	ENV	Max	0.00	44.3908	28.7183	57.9347
542	542	559	ENV	Min	0.00	-125.1605	-324.9094	-24.5824
542	542	561	ENV	Min	0.00	-66.7361	-66.7276	-54.3715
542	542	577	ENV	Min	0.00	-17.5299	-43.0549	-23.2957
542	542	576	ENV	Min	0.00	-131.3541	-27.8783	-20.6961
543	543	561	ENV	Max	0.00	14.1215	81.2130	5.0565
543	543	563	ENV	Max	0.00	6.6604	22.0729	0.5889
543	543	578	ENV	Max	0.00	3.7713	7.4696	6.8242
543	543	577	ENV	Max	0.00	16.4617	38.0190	11.5483
543	543	561	ENV	Min	0.00	-23.9726	-66.5379	-9.2105
543	543	563	ENV	Min	0.00	-3.9931	-22.4300	-0.3523
543	543	578	ENV	Min	0.00	-5.8304	-6.3281	-7.5182
543	543	577	ENV	Min	0.00	-7.7880	-47.1099	-16.6328
544	544	563	ENV	Max	0.00	6.1297	21.8464	2.8987
544	544	565	ENV	Max	0.00	0.8379	3.8481	1.9217
544	544	579	ENV	Max	0.00	0.5807	2.4383	0.9506
544	544	578	ENV	Max	0.00	4.3189	8.1357	0.5330
544	544	563	ENV	Min	0.00	-6.4343	-22.7979	-3.1695
544	544	565	ENV	Min	0.00	-1.1713	-3.6303	-2.1371
544	544	579	ENV	Min	0.00	-0.6104	-2.5774	-1.2583
544	544	578	ENV	Min	0.00	-4.2651	-6.5716	-0.8961
545	545	565	ENV	Max	0.00	0.8641	3.9046	0.0557
545	545	567	ENV	Max	0.00	0.2930	1.2955	0.1155
545	545	580	ENV	Max	0.00	0.1854	0.5765	0.2158
545	545	579	ENV	Max	0.00	0.6030	2.4329	0.3405
545	545	565	ENV	Min	0.00	-1.1359	-3.6745	-0.1761
545	545	567	ENV	Min	0.00	-0.4634	-1.3940	-0.1480
545	545	580	ENV	Min	0.00	-0.2177	-0.5537	-0.2819
545	545	579	ENV	Min	0.00	-0.6998	-2.5854	-0.4945
546	546	567	ENV	Max	0.00	0.2345	1.2834	0.0829
546	546	569	ENV	Max	0.00	0.0503	0.4248	0.0982
546	546	581	ENV	Max	0.00	0.0051	0.2665	0.1412
546	546	580	ENV	Max	0.00	0.1635	0.5717	0.1034
546	546	567	ENV	Min	0.00	-0.4069	-1.3823	-0.0782
546	546	569	ENV	Min	0.00	-0.2728	-0.4667	-0.0577
546	546	581	ENV	Min	0.00	-0.1878	-0.3197	-0.0969
546	546	580	ENV	Min	0.00	-0.2057	-0.5508	-0.0949
547	547	569	ENV	Max	0.00	0.0481	0.4242	0.1251
547	547	571	ENV	Max	0.00	0.4567	1.0153	0.1140
547	547	582	ENV	Max	0.00	0.3593	0.4769	0.0928
547	547	581	ENV	Max	0.00	0.0030	0.2663	0.1068
547	547	569	ENV	Min	0.00	-0.2766	-0.4673	-0.0605
547	547	571	ENV	Min	0.00	-0.2839	-1.0408	-0.0563
547	547	582	ENV	Min	0.00	-0.2532	-0.4384	-0.0403
547	547	581	ENV	Min	0.00	-0.1828	-0.3189	-0.0473
548	548	571	ENV	Max	0.00	0.4797	1.0273	0.0606
548	548	573	ENV	Max	0.00	4.2047	2.8539	0.1359

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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
548	548	583	ENV	Max	0.00	3.0229	2.1766	0.2097
548	548	582	ENV	Max	0.00	0.3533	0.4764	0.1555
548	548	571	ENV	Min	0.00	-0.3073	-1.0529	-0.0577
548	548	573	ENV	Min	0.00	-1.3413	-2.4410	-0.3396
548	548	583	ENV	Min	0.00	-0.9241	-1.7647	-0.4360
548	548	582	ENV	Min	0.00	-0.2631	-0.4411	-0.1751
549	549	573	ENV	Max	0.00	4.1535	2.8158	1.4042
549	549	575	ENV	Max	0.00	9.7576	16.7681	1.9752
549	549	584	ENV	Max	0.00	8.0152	4.7126	0.5653
549	549	583	ENV	Max	0.00	2.8759	2.1813	0.6401
549	549	573	ENV	Min	0.00	-1.3090	-2.4066	-1.8002
549	549	575	ENV	Min	0.00	-2.3031	-16.6321	-3.1417
549	549	584	ENV	Min	0.00	-3.0455	-5.1811	-2.2099
549	549	583	ENV	Min	0.00	-0.8743	-1.7888	-1.5142
550	550	575	ENV	Max	0.00	5.9923	16.4171	0.5925
550	550	512	ENV	Max	0.00	16.8965	38.4936	3.2827
550	550	513	ENV	Max	0.00	9.5196	37.4623	4.9880
550	550	584	ENV	Max	0.00	10.1305	4.7560	3.4385
550	550	575	ENV	Min	0.00	-2.2698	-17.0276	-2.0008
550	550	512	ENV	Min	0.00	-6.7472	-58.5332	-11.0805
550	550	513	ENV	Min	0.00	-24.4286	-32.3086	-14.7916
550	550	584	ENV	Min	0.00	-2.7483	-4.7421	-6.8526
551	551	479	ENV	Max	0.00	20.5493	22.5888	14.4843
551	551	576	ENV	Max	0.00	57.1677	27.6612	9.1010
551	551	585	ENV	Max	0.00	14.1204	6.2053	2.5416
551	551	480	ENV	Max	0.00	16.0713	7.4130	7.9740
551	551	479	ENV	Min	0.00	-34.5845	-19.1556	-14.2211
551	551	576	ENV	Min	0.00	-30.1353	-6.0078	-14.8651
551	551	585	ENV	Min	0.00	-46.1603	-9.2462	-6.4681
551	551	480	ENV	Min	0.00	-0.4538	-1.1008	-5.8731
552	552	576	ENV	Max	0.00	45.2706	10.7794	11.3757
552	552	577	ENV	Max	0.00	45.4994	24.6072	24.0844
552	552	586	ENV	Max	0.00	5.3536	5.7863	12.0512
552	552	585	ENV	Max	0.00	0.0364	7.8009	1.4902
552	552	576	ENV	Min	0.00	-132.6476	-12.0079	-8.6826
552	552	577	ENV	Min	0.00	-18.3183	-27.9721	-11.5344
552	552	586	ENV	Min	0.00	-18.7553	-7.0315	-4.3692
552	552	585	ENV	Min	0.00	-4.6973	-5.3660	-3.6651
553	553	577	ENV	Max	0.00	19.4498	25.0781	2.5376
553	553	578	ENV	Max	0.00	3.5288	1.5249	2.7555
553	553	587	ENV	Max	0.00	4.2803	1.6934	2.1486
553	553	586	ENV	Max	0.00	1.6984	6.3802	7.1101
553	553	577	ENV	Min	0.00	-10.3543	-32.0601	-1.1913
553	553	578	ENV	Min	0.00	-5.7461	-1.1745	-4.4876
553	553	587	ENV	Min	0.00	-2.7219	-2.6181	-2.6316
553	553	586	ENV	Min	0.00	-8.0003	-6.2054	-4.5146
554	554	578	ENV	Max	0.00	3.2345	2.1951	0.9476
554	554	579	ENV	Max	0.00	0.4366	0.6850	0.3790
554	554	588	ENV	Max	0.00	0.7047	0.5482	0.2849
554	554	587	ENV	Max	0.00	2.4835	1.8584	0.8492
554	554	578	ENV	Min	0.00	-3.3390	-1.4222	-1.7453

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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
554	554	579	ENV	Min	0.00	-0.4278	-0.6316	-0.8357
554	554	588	ENV	Min	0.00	-0.3079	-0.4415	-0.6476
554	554	587	ENV	Min	0.00	-1.9276	-2.9837	-1.5528
555	555	579	ENV	Max	0.00	0.5000	0.6762	0.0931
555	555	580	ENV	Max	0.00	0.0615	0.0232	0.0704
555	555	589	ENV	Max	0.00	0.1190	0.0163	0.1041
555	555	588	ENV	Max	0.00	0.8633	0.5792	0.1105
555	555	579	ENV	Min	0.00	-0.5583	-0.6362	-0.2711
555	555	580	ENV	Min	0.00	-0.1044	-0.0535	-0.1084
555	555	589	ENV	Min	0.00	-0.0838	-0.0098	-0.1603
555	555	588	ENV	Min	0.00	-0.3945	-0.4581	-0.3067
556	556	580	ENV	Max	0.00	0.0424	0.0264	0.0679
556	556	581	ENV	Max	0.00	-0.0174	-0.0013	0.0795
556	556	590	ENV	Max	0.00	-0.0019	0.0170	0.0872
556	556	589	ENV	Max	0.00	0.1036	0.0211	0.0828
556	556	580	ENV	Min	0.00	-0.0952	-0.0587	-0.0615
556	556	581	ENV	Min	0.00	-0.1627	-0.0390	-0.0378
556	556	590	ENV	Min	0.00	-0.1198	-0.0418	-0.0423
556	556	589	ENV	Min	0.00	-0.0570	-0.0123	-0.0732
557	557	581	ENV	Max	0.00	-0.0196	-8.032E-04	0.0933
557	557	582	ENV	Max	0.00	0.3102	0.1109	0.0782
557	557	591	ENV	Max	0.00	0.1454	0.0419	0.0919
557	557	590	ENV	Max	0.00	4.259E-05	0.0165	0.0984
557	557	581	ENV	Min	0.00	-0.1576	-0.0389	-0.0293
557	557	582	ENV	Min	0.00	-0.2029	-0.0668	-0.0163
557	557	591	ENV	Min	0.00	-0.1060	-0.0430	-0.0267
557	557	590	ENV	Min	0.00	-0.1243	-0.0418	-0.0310
558	558	582	ENV	Max	0.00	0.2885	0.1056	0.0901
558	558	583	ENV	Max	0.00	3.0646	0.6234	0.1803
558	558	592	ENV	Max	0.00	1.4769	0.5298	0.1889
558	558	591	ENV	Max	0.00	0.1676	0.0412	0.1124
558	558	582	ENV	Min	0.00	-0.1972	-0.0647	-0.0858
558	558	583	ENV	Min	0.00	-0.9719	-0.2423	-0.4599
558	558	592	ENV	Min	0.00	-0.5710	-0.3217	-0.4728
558	558	591	ENV	Min	0.00	-0.1115	-0.0390	-0.1125
559	559	583	ENV	Max	0.00	2.9142	0.6047	0.4268
559	559	584	ENV	Max	0.00	7.2040	0.2514	0.8494
559	559	593	ENV	Max	0.00	2.4010	3.3045	0.8296
559	559	592	ENV	Max	0.00	1.6421	0.5568	0.3999
559	559	583	ENV	Min	0.00	-0.9187	-0.2430	-1.3908
559	559	584	ENV	Min	0.00	-2.1557	-0.3270	-3.1069
559	559	593	ENV	Min	0.00	-1.3484	-1.0438	-2.9111
559	559	592	ENV	Min	0.00	-0.5857	-0.3186	-1.1879
560	560	584	ENV	Max	0.00	10.0558	0.4246	1.5820
560	560	513	ENV	Max	0.00	10.2255	22.9670	1.2023
560	560	514	ENV	Max	0.00	0.6922	9.1986	3.8812
560	560	593	ENV	Max	0.00	2.2809	2.9825	1.6927
560	560	584	ENV	Min	0.00	-2.5950	-0.0176	-6.7290
560	560	513	ENV	Min	0.00	-25.1377	-17.8291	-4.6943
560	560	514	ENV	Min	0.00	-1.0809	-4.4014	-5.2027
560	560	593	ENV	Min	0.00	-2.2001	-0.9162	-4.6691

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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
561	561	480	ENV	Max	0.00	15.6831	6.8866	2.4473
561	561	585	ENV	Max	0.00	14.0014	8.4554	2.5650
561	561	594	ENV	Max	0.00	5.1460	2.2521	2.4433
561	561	481	ENV	Max	0.00	9.9955	3.7624	2.1417
561	561	480	ENV	Min	0.00	-0.3318	-1.9058	-3.8167
561	561	585	ENV	Min	0.00	-45.8043	-10.3114	-1.5681
561	561	594	ENV	Min	0.00	-20.0133	-4.7581	-0.9254
561	561	481	ENV	Min	0.00	-2.5359	-2.0962	-2.9901
562	562	585	ENV	Max	0.00	-0.0747	10.5659	2.8791
562	562	586	ENV	Max	0.00	5.5018	3.8950	2.0506
562	562	595	ENV	Max	0.00	1.0588	3.4286	1.1690
562	562	594	ENV	Max	0.00	8.2487	2.6543	1.8487
562	562	585	ENV	Min	0.00	-4.3492	-6.9461	-0.9201
562	562	586	ENV	Min	0.00	-19.1112	-6.1781	-1.8050
562	562	595	ENV	Min	0.00	-5.8210	-3.7880	-1.6343
562	562	594	ENV	Min	0.00	-29.7485	-6.4869	-0.6006
563	563	586	ENV	Max	0.00	1.6980	4.0011	3.4981
563	563	587	ENV	Max	0.00	4.5897	0.7437	2.6722
563	563	596	ENV	Max	0.00	0.6306	1.1328	1.2144
563	563	595	ENV	Max	0.00	2.0139	3.3115	2.0913
563	563	586	ENV	Min	0.00	-8.2074	-4.8643	-2.5081
563	563	587	ENV	Min	0.00	-2.9373	-1.1987	-2.1906
563	563	596	ENV	Min	0.00	-0.6183	-1.3100	-1.0932
563	563	595	ENV	Min	0.00	-8.9266	-4.1011	-1.4616
564	564	587	ENV	Max	0.00	2.7857	0.8895	0.7844
564	564	588	ENV	Max	0.00	0.6250	0.1860	0.3199
564	564	597	ENV	Max	0.00	0.9410	0.1800	0.2743
564	564	596	ENV	Max	0.00	0.9739	1.1797	0.8417
564	564	587	ENV	Min	0.00	-2.1359	-1.5450	-1.0110
564	564	588	ENV	Min	0.00	-0.2527	-0.2023	-0.6096
564	564	597	ENV	Min	0.00	-0.2569	-0.1291	-0.4216
564	564	596	ENV	Min	0.00	-0.7813	-1.3208	-0.9261
565	565	588	ENV	Max	0.00	0.7816	0.2029	0.0901
565	565	589	ENV	Max	0.00	0.1066	0.1154	0.0115
565	565	598	ENV	Max	0.00	0.2253	0.0814	0.0106
565	565	597	ENV	Max	0.00	0.8984	0.1632	0.0706
565	565	588	ENV	Min	0.00	-0.3374	-0.2048	-0.2427
565	565	589	ENV	Min	0.00	-0.0664	-0.0842	-0.0848
565	565	598	ENV	Min	0.00	-0.0630	-0.0492	-0.0478
565	565	597	ENV	Min	0.00	-0.2367	-0.1169	-0.1871
566	566	589	ENV	Max	0.00	0.0951	0.1226	0.0514
566	566	590	ENV	Max	0.00	-5.573E-04	-9.124E-04	0.0841
566	566	599	ENV	Max	0.00	0.0437	0.0108	0.0677
566	566	598	ENV	Max	0.00	0.2323	0.0806	0.0280
566	566	589	ENV	Min	0.00	-0.0436	-0.0891	-0.0467
566	566	590	ENV	Min	0.00	-0.1218	-0.0269	-0.0416
566	566	599	ENV	Min	0.00	-0.1193	-0.0312	-0.0309
566	566	598	ENV	Min	0.00	-0.0690	-0.0481	-0.0290
567	567	590	ENV	Max	0.00	0.0014	-5.139E-04	0.0937
567	567	591	ENV	Max	0.00	0.1429	0.0866	0.0753
567	567	600	ENV	Max	0.00	-0.0019	0.0277	0.0592

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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
567	567	599	ENV	Max	0.00	0.0428	0.0112	0.0837
567	567	590	ENV	Min	0.00	-0.1263	-0.0278	-0.0290
567	567	591	ENV	Min	0.00	-0.1063	-0.1013	-0.0154
567	567	600	ENV	Min	0.00	-0.0374	-0.0655	-0.0071
567	567	599	ENV	Min	0.00	-0.1142	-0.0307	-0.0268
568	568	591	ENV	Max	0.00	0.1641	0.0841	0.0562
568	568	592	ENV	Max	0.00	1.4592	0.4747	0.1568
568	568	601	ENV	Max	0.00	0.4251	0.3605	0.1348
568	568	600	ENV	Max	0.00	0.0081	0.0304	0.0519
568	568	591	ENV	Min	0.00	-0.1108	-0.0954	-0.0809
568	568	592	ENV	Min	0.00	-0.5359	-0.1794	-0.3591
568	568	601	ENV	Min	0.00	-0.1873	-0.1790	-0.2836
568	568	600	ENV	Min	0.00	-0.0352	-0.0658	-0.0231
569	569	592	ENV	Max	0.00	1.6613	0.5153	0.3850
569	569	593	ENV	Max	0.00	2.5221	2.7120	0.7178
569	569	602	ENV	Max	0.00	0.7208	1.9233	0.6669
569	569	601	ENV	Max	0.00	0.4477	0.3650	0.2960
569	569	592	ENV	Min	0.00	-0.5874	-0.1899	-1.1030
569	569	593	ENV	Min	0.00	-1.5186	-0.6971	-1.7672
569	569	602	ENV	Min	0.00	-0.4966	-1.0072	-1.2759
569	569	601	ENV	Min	0.00	-0.2210	-0.1857	-0.5736
570	570	593	ENV	Max	0.00	2.4466	2.4238	1.6923
570	570	514	ENV	Max	0.00	0.5708	7.4614	2.0574
570	570	515	ENV	Max	0.00	0.4322	3.4312	1.2977
570	570	602	ENV	Max	0.00	0.7700	1.9341	0.8926
570	570	593	ENV	Min	0.00	-2.4150	-0.6033	-2.8310
570	570	514	ENV	Min	0.00	-0.9377	-2.5558	-2.8466
570	570	515	ENV	Min	0.00	-0.6445	-2.3517	-1.4706
570	570	602	ENV	Min	0.00	-0.3800	-0.9848	-1.4149
571	571	481	ENV	Max	0.00	11.2523	4.8800	1.4346
571	571	594	ENV	Max	0.00	5.2248	3.8412	0.8621
571	571	603	ENV	Max	0.00	6.9462	1.5032	0.9518
571	571	482	ENV	Max	0.00	10.7584	2.3583	0.7700
571	571	481	ENV	Min	0.00	-3.6909	-2.7051	-0.9000
571	571	594	ENV	Min	0.00	-20.0897	-6.3356	-0.5170
571	571	603	ENV	Min	0.00	-26.6849	-5.3738	-0.5754
571	571	482	ENV	Min	0.00	0.5762	-0.3715	-0.2041
572	572	594	ENV	Max	0.00	8.2765	3.5325	0.4418
572	572	595	ENV	Max	0.00	1.0495	3.0697	0.7449
572	572	604	ENV	Max	0.00	2.0303	0.6233	0.6076
572	572	603	ENV	Max	0.00	6.1309	1.3456	0.3299
572	572	594	ENV	Min	0.00	-29.7740	-7.3534	-0.2545
572	572	595	ENV	Min	0.00	-5.8203	-3.4722	-0.3443
572	572	604	ENV	Min	0.00	-9.5934	-2.2277	-0.2244
572	572	603	ENV	Min	0.00	-24.1305	-4.8684	-0.1599
573	573	595	ENV	Max	0.00	2.0061	2.9541	0.6902
573	573	596	ENV	Max	0.00	0.6204	1.0750	0.7150
573	573	605	ENV	Max	0.00	0.2079	0.5278	0.2576
573	573	604	ENV	Max	0.00	1.7333	0.5792	0.2500
573	573	595	ENV	Min	0.00	-8.9274	-3.7866	-0.5841
573	573	596	ENV	Min	0.00	-0.6149	-1.2866	-0.5988

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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
573	573	605	ENV	Min	0.00	-0.2906	-0.5185	-0.2582
573	573	604	ENV	Min	0.00	-8.6073	-2.0458	-0.2606
574	574	596	ENV	Max	0.00	0.9626	1.1219	0.4077
574	574	597	ENV	Max	0.00	0.9484	0.2349	0.2254
574	574	606	ENV	Max	0.00	1.0562	0.2476	0.0106
574	574	605	ENV	Max	0.00	0.1866	0.5237	0.1929
574	574	596	ENV	Min	0.00	-0.7769	-1.2974	-0.4389
574	574	597	ENV	Min	0.00	-0.2601	-0.1632	-0.3151
574	574	606	ENV	Min	0.00	-0.2797	-0.1195	-0.0834
574	574	605	ENV	Min	0.00	-0.2846	-0.5175	-0.2072
575	575	597	ENV	Max	0.00	0.9058	0.2181	0.0375
575	575	598	ENV	Max	0.00	0.2250	0.0747	0.0035
575	575	607	ENV	Max	0.00	0.2966	0.0816	0.0137
575	575	606	ENV	Max	0.00	1.0409	0.2458	0.0066
575	575	597	ENV	Min	0.00	-0.2400	-0.1509	-0.1049
575	575	598	ENV	Min	0.00	-0.0631	-0.0452	-0.0363
575	575	607	ENV	Min	0.00	-0.0754	-0.0314	-0.0291
575	575	606	ENV	Min	0.00	-0.2747	-0.1199	-0.0566
576	576	598	ENV	Max	0.00	0.2319	0.0738	0.0273
576	576	599	ENV	Max	0.00	0.0440	0.0096	0.0493
576	576	608	ENV	Max	0.00	0.0336	0.0049	0.0405
576	576	607	ENV	Max	0.00	0.3007	0.0821	0.0208
576	576	598	ENV	Min	0.00	-0.0692	-0.0441	-0.0226
576	576	599	ENV	Min	0.00	-0.1196	-0.0305	-0.0230
576	576	608	ENV	Min	0.00	-0.0744	-0.0211	-0.0173
576	576	607	ENV	Min	0.00	-0.0779	-0.0315	-0.0192
577	577	599	ENV	Max	0.00	0.0430	0.0100	0.0630
577	577	600	ENV	Max	0.00	-9.046E-04	0.0251	0.0582
577	577	609	ENV	Max	0.00	0.0172	0.0144	0.0469
577	577	608	ENV	Max	0.00	0.0336	0.0049	0.0517
577	577	599	ENV	Min	0.00	-0.1146	-0.0300	-0.0189
577	577	600	ENV	Min	0.00	-0.0379	-0.0602	-0.0105
577	577	609	ENV	Min	0.00	-0.0748	-0.0661	-0.0089
577	577	608	ENV	Min	0.00	-0.0739	-0.0210	-0.0172
578	578	600	ENV	Max	0.00	0.0089	0.0278	0.0358
578	578	601	ENV	Max	0.00	0.4271	0.3709	0.0758
578	578	610	ENV	Max	0.00	0.0565	0.1131	0.0342
578	578	609	ENV	Max	0.00	0.0149	0.0143	0.0506
578	578	600	ENV	Min	0.00	-0.0355	-0.0605	-0.0207
578	578	601	ENV	Min	0.00	-0.1934	-0.2100	-0.1103
578	578	610	ENV	Min	0.00	-0.0421	-0.1374	-0.0408
578	578	609	ENV	Min	0.00	-0.0686	-0.0653	-0.0077
579	579	601	ENV	Max	0.00	0.4498	0.3755	0.2174
579	579	602	ENV	Max	0.00	0.6952	1.7972	0.3298
579	579	611	ENV	Max	0.00	0.2084	0.4676	0.1597
579	579	610	ENV	Max	0.00	0.0497	0.1128	0.0538
579	579	601	ENV	Min	0.00	-0.2272	-0.2168	-0.3762
579	579	602	ENV	Min	0.00	-0.4792	-0.9223	-0.5155
579	579	611	ENV	Min	0.00	-0.0973	-0.4353	-0.2092
579	579	610	ENV	Min	0.00	-0.0396	-0.1379	-0.0764
580	580	602	ENV	Max	0.00	0.7449	1.8082	0.5091

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

Area	AreaElem	Joint	OutputCase	StepType	FVM KN/m	M11 KN-m/m	M22 KN-m/m	M12 KN-m/m
580	580	515	ENV	Max	0.00	0.4493	3.5686	0.5256
580	580	516	ENV	Max	0.00	0.1746	0.9371	0.1826
580	580	611	ENV	Max	0.00	0.1639	0.4621	0.1734
580	580	602	ENV	Min	0.00	-0.3631	-0.9001	-0.6823
580	580	515	ENV	Min	0.00	-0.6438	-2.4001	-0.6617
580	580	516	ENV	Min	0.00	-0.2855	-0.8274	-0.2290
580	580	611	ENV	Min	0.00	-0.1003	-0.4393	-0.2569
581	581	482	ENV	Max	0.00	10.6398	2.0981	0.6786
581	581	603	ENV	Max	0.00	6.9404	1.4680	1.3270
581	581	612	ENV	Max	0.00	6.1813	1.3103	0.8764
581	581	483	ENV	Max	0.00	8.0434	2.9166	0.4372
581	581	482	ENV	Min	0.00	0.8500	0.6646	-0.3757
581	581	603	ENV	Min	0.00	-26.7192	-5.5396	-0.7424
581	581	612	ENV	Min	0.00	-25.1219	-5.2010	-0.3263
581	581	483	ENV	Min	0.00	3.6316	-1.0734	-0.1688
582	582	603	ENV	Max	0.00	6.1246	1.3106	0.7478
582	582	604	ENV	Max	0.00	2.0328	0.6370	0.2943
582	582	613	ENV	Max	0.00	1.5174	0.2597	0.4621
582	582	612	ENV	Max	0.00	6.5798	1.3897	0.9156
582	582	603	ENV	Min	0.00	-24.1644	-5.0344	-0.3357
582	582	604	ENV	Min	0.00	-9.5819	-2.1712	-0.1731
582	582	613	ENV	Min	0.00	-8.5553	-1.7865	-0.3273
582	582	612	ENV	Min	0.00	-26.4070	-5.4578	-0.4901
583	583	604	ENV	Max	0.00	1.7358	0.6258	0.1950
583	583	605	ENV	Max	0.00	0.1997	0.4875	0.0279
583	583	614	ENV	Max	0.00	0.2035	0.0721	0.0255
583	583	613	ENV	Max	0.00	1.6849	0.2926	0.1304
583	583	604	ENV	Min	0.00	-8.5958	-2.0222	-0.1446
583	583	605	ENV	Min	0.00	-0.2895	-0.5135	-0.0907
583	583	614	ENV	Min	0.00	-0.2465	-0.1252	-0.0718
583	583	613	ENV	Min	0.00	-9.1090	-1.8966	-0.0636
584	584	605	ENV	Max	0.00	0.1785	0.4834	-0.0012
584	584	606	ENV	Max	0.00	1.0588	0.2469	0.0031
584	584	615	ENV	Max	0.00	1.0565	0.2632	0.0637
584	584	614	ENV	Max	0.00	0.1995	0.0713	0.0491
584	584	605	ENV	Min	0.00	-0.2835	-0.5125	-0.0543
584	584	606	ENV	Min	0.00	-0.2804	-0.1099	-0.0422
584	584	615	ENV	Min	0.00	-0.2675	-0.1038	-0.0964
584	584	614	ENV	Min	0.00	-0.2473	-0.1254	-0.0982
585	585	606	ENV	Max	0.00	1.0434	0.2452	0.0252
585	585	607	ENV	Max	0.00	0.2963	0.0809	0.0223
585	585	616	ENV	Max	0.00	0.3244	0.0889	0.0455
585	585	615	ENV	Max	0.00	1.0693	0.2658	0.0490
585	585	606	ENV	Min	0.00	-0.2755	-0.1102	-0.0540
585	585	607	ENV	Min	0.00	-0.0753	-0.0318	-0.0377
585	585	616	ENV	Min	0.00	-0.0704	-0.0309	-0.0557
585	585	615	ENV	Min	0.00	-0.2719	-0.1047	-0.0725
586	586	607	ENV	Max	0.00	0.3004	0.0813	0.0268
586	586	608	ENV	Max	0.00	0.0338	0.0052	0.0240
586	586	617	ENV	Max	0.00	0.0153	0.0049	0.0143
586	586	616	ENV	Max	0.00	0.3220	0.0885	0.0246

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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
586	586	607	ENV	Min	0.00	-0.0778	-0.0320	-0.0237
586	586	608	ENV	Min	0.00	-0.0745	-0.0210	-0.0113
586	586	617	ENV	Min	0.00	-0.0432	-0.0181	-0.0065
586	586	616	ENV	Min	0.00	-0.0697	-0.0307	-0.0265
587	587	608	ENV	Max	0.00	0.0338	0.0051	0.0330
587	587	609	ENV	Max	0.00	0.0173	0.0145	0.0440
587	587	618	ENV	Max	0.00	0.0147	0.0162	0.0355
587	587	617	ENV	Max	0.00	0.0151	0.0049	0.0195
587	587	608	ENV	Min	0.00	-0.0740	-0.0208	-0.0101
587	587	609	ENV	Min	0.00	-0.0750	-0.0670	-0.0179
587	587	618	ENV	Min	0.00	-0.0724	-0.0749	-0.0224
587	587	617	ENV	Min	0.00	-0.0425	-0.0180	-0.0097
588	588	609	ENV	Max	0.00	0.0149	0.0144	0.0438
588	588	610	ENV	Max	0.00	0.0529	0.0995	0.0462
588	588	619	ENV	Max	0.00	0.0079	0.0108	0.0592
588	588	618	ENV	Max	0.00	0.0147	0.0162	0.0562
588	588	609	ENV	Min	0.00	-0.0689	-0.0661	-0.0193
588	588	610	ENV	Min	0.00	-0.0409	-0.1359	-0.0246
588	588	619	ENV	Min	0.00	-0.0195	-0.1186	-0.0477
588	588	618	ENV	Min	0.00	-0.0728	-0.0750	-0.0419
589	589	610	ENV	Max	0.00	0.0461	0.0993	0.0247
589	589	611	ENV	Max	0.00	0.2114	0.4590	0.0366
589	589	620	ENV	Max	0.00	0.0259	-0.0163	0.0722
589	589	619	ENV	Max	0.00	0.0159	0.0103	0.0795
589	589	610	ENV	Min	0.00	-0.0385	-0.1366	-0.0160
589	589	611	ENV	Min	0.00	-0.0984	-0.4172	-0.0471
589	589	620	ENV	Min	0.00	-0.0286	-0.1169	-0.0772
589	589	619	ENV	Min	0.00	-0.0213	-0.1168	-0.0653
590	590	611	ENV	Max	0.00	0.1627	0.4531	0.0466
590	590	516	ENV	Max	0.00	0.1770	0.9479	0.0317
590	590	517	ENV	Max	0.00	0.0063	0.0084	0.0754
590	590	620	ENV	Max	0.00	0.0452	-0.0162	0.0783
590	590	611	ENV	Min	0.00	-0.0971	-0.4208	-0.0786
590	590	516	ENV	Min	0.00	-0.2879	-0.8383	-0.0372
590	590	517	ENV	Min	0.00	-0.0370	-0.1600	-0.0629
590	590	620	ENV	Min	0.00	-0.0342	-0.1142	-0.0923
591	591	483	ENV	Max	0.00	8.5981	3.7051	0.5513
591	591	612	ENV	Max	0.00	6.1659	1.3371	0.8519
591	591	621	ENV	Max	0.00	6.9116	1.5142	1.3578
591	591	484	ENV	Max	0.00	11.3347	1.2421	0.8571
591	591	483	ENV	Min	0.00	3.1871	-1.3106	-0.1677
591	591	612	ENV	Min	0.00	-25.1386	-5.3878	-0.3780
591	591	621	ENV	Min	0.00	-27.9013	-6.0466	-0.8010
591	591	484	ENV	Min	0.00	2.6079	0.4591	-0.3906
592	592	612	ENV	Max	0.00	6.5634	1.4146	0.8578
592	592	613	ENV	Max	0.00	1.5132	0.2288	0.5653
592	592	622	ENV	Max	0.00	2.0333	0.5420	0.4699
592	592	621	ENV	Max	0.00	6.0999	1.3522	0.7602
592	592	612	ENV	Min	0.00	-26.4226	-5.6427	-0.5190
592	592	613	ENV	Min	0.00	-8.5418	-1.7087	-0.2879
592	592	622	ENV	Min	0.00	-10.3158	-2.5225	-0.1577

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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
592	592	621	ENV	Min	0.00	-25.0394	-5.4747	-0.3866
593	593	613	ENV	Max	0.00	1.6816	0.2629	0.1126
593	593	614	ENV	Max	0.00	0.2035	0.0725	0.0660
593	593	623	ENV	Max	0.00	0.0671	0.3085	0.1051
593	593	622	ENV	Max	0.00	1.7470	0.4849	0.1890
593	593	613	ENV	Min	0.00	-9.0963	-1.8200	-0.0584
593	593	614	ENV	Min	0.00	-0.2500	-0.1430	-0.0528
593	593	623	ENV	Min	0.00	-0.2267	-0.3383	-0.0307
593	593	622	ENV	Min	0.00	-9.2650	-2.3125	-0.0736
594	594	614	ENV	Max	0.00	0.1995	0.0717	0.0791
594	594	615	ENV	Max	0.00	1.0571	0.2631	0.0743
594	594	624	ENV	Max	0.00	1.1185	0.2568	0.0543
594	594	623	ENV	Max	0.00	0.0296	0.3014	0.0590
594	594	614	ENV	Min	0.00	-0.2509	-0.1431	-0.0929
594	594	615	ENV	Min	0.00	-0.2673	-0.0995	-0.1101
594	594	624	ENV	Min	0.00	-0.2779	-0.1036	-0.0811
594	594	623	ENV	Min	0.00	-0.2181	-0.3370	-0.0638
595	595	615	ENV	Max	0.00	1.0700	0.2656	0.0606
595	595	616	ENV	Max	0.00	0.3241	0.0880	0.0474
595	595	625	ENV	Max	0.00	0.3334	0.0881	0.0382
595	595	624	ENV	Max	0.00	1.1127	0.2560	0.0513
595	595	615	ENV	Min	0.00	-0.2717	-0.1004	-0.0804
595	595	616	ENV	Min	0.00	-0.0703	-0.0308	-0.0566
595	595	625	ENV	Min	0.00	-0.0771	-0.0318	-0.0436
595	595	624	ENV	Min	0.00	-0.2753	-0.1034	-0.0675
596	596	616	ENV	Max	0.00	0.3218	0.0875	0.0258
596	596	617	ENV	Max	0.00	0.0154	0.0052	0.0075
596	596	626	ENV	Max	0.00	0.0203	0.0048	0.0098
596	596	625	ENV	Max	0.00	0.3356	0.0884	0.0242
596	596	616	ENV	Min	0.00	-0.0697	-0.0307	-0.0277
596	596	617	ENV	Min	0.00	-0.0432	-0.0182	-0.0099
596	596	626	ENV	Min	0.00	-0.0562	-0.0208	-0.0172
596	596	625	ENV	Min	0.00	-0.0784	-0.0319	-0.0311
597	597	617	ENV	Max	0.00	0.0152	0.0052	0.0115
597	597	618	ENV	Max	0.00	0.0148	0.0165	0.0264
597	597	627	ENV	Max	0.00	0.0151	0.0137	0.0218
597	597	626	ENV	Max	0.00	0.0205	0.0048	0.0087
597	597	617	ENV	Min	0.00	-0.0425	-0.0181	-0.0127
597	597	618	ENV	Min	0.00	-0.0725	-0.0754	-0.0303
597	597	627	ENV	Min	0.00	-0.0753	-0.0686	-0.0389
597	597	626	ENV	Min	0.00	-0.0561	-0.0207	-0.0232
598	598	618	ENV	Max	0.00	0.0147	0.0165	0.0460
598	598	619	ENV	Max	0.00	0.0080	0.0094	0.0580
598	598	628	ENV	Max	0.00	0.0214	0.0554	0.0417
598	598	627	ENV	Max	0.00	0.0139	0.0136	0.0300
598	598	618	ENV	Min	0.00	-0.0729	-0.0755	-0.0509
598	598	619	ENV	Min	0.00	-0.0198	-0.1180	-0.0635
598	598	628	ENV	Min	0.00	-0.0259	-0.1152	-0.0607
598	598	627	ENV	Min	0.00	-0.0715	-0.0679	-0.0484
599	599	619	ENV	Max	0.00	0.0160	0.0089	0.0751
599	599	620	ENV	Max	0.00	0.0260	-0.0190	0.0885

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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
599	599	629	ENV	Max	0.00	0.1682	0.2488	0.0614
599	599	628	ENV	Max	0.00	0.0191	0.0554	0.0444
599	599	619	ENV	Min	0.00	-0.0216	-0.1163	-0.0845
599	599	620	ENV	Min	0.00	-0.0285	-0.1138	-0.0826
599	599	629	ENV	Min	0.00	-0.0794	-0.2920	-0.0606
599	599	628	ENV	Min	0.00	-0.0253	-0.1156	-0.0588
600	600	620	ENV	Max	0.00	0.0452	-0.0189	0.0980
600	600	517	ENV	Max	0.00	0.0066	0.0100	0.0837
600	600	518	ENV	Max	0.00	0.0953	0.5306	0.0560
600	600	629	ENV	Max	0.00	0.0912	0.2443	0.0776
600	600	620	ENV	Min	0.00	-0.0342	-0.1111	-0.0873
600	600	517	ENV	Min	0.00	-0.0373	-0.1613	-0.0927
600	600	518	ENV	Min	0.00	-0.1886	-0.5403	-0.0547
600	600	629	ENV	Min	0.00	-0.0560	-0.2982	-0.0566
601	601	484	ENV	Max	0.00	11.5589	2.2601	0.6871
601	601	621	ENV	Max	0.00	6.9085	1.4990	1.5593
601	601	630	ENV	Max	0.00	5.0402	2.3696	1.0209
601	601	485	ENV	Max	0.00	12.1967	3.1861	0.4701
601	601	484	ENV	Min	0.00	2.5667	0.3563	-0.5649
601	601	621	ENV	Min	0.00	-27.9314	-6.1975	-0.5598
601	601	630	ENV	Min	0.00	-21.2322	-7.2008	-0.1459
601	601	485	ENV	Min	0.00	0.4642	-1.8416	-0.4724
602	602	621	ENV	Max	0.00	6.0966	1.3366	1.0534
602	602	622	ENV	Max	0.00	2.0355	0.5525	0.3119
602	602	631	ENV	Max	0.00	1.2367	2.1126	0.6430
602	602	630	ENV	Max	0.00	8.1814	2.9958	1.5324
602	602	621	ENV	Min	0.00	-25.0693	-5.6250	-0.2840
602	602	622	ENV	Min	0.00	-10.3196	-2.5408	-0.2125
602	602	631	ENV	Min	0.00	-7.1588	-2.8943	-0.1543
602	602	630	ENV	Min	0.00	-32.4935	-9.4511	-0.3737
603	603	622	ENV	Max	0.00	1.7492	0.4954	0.4434
603	603	623	ENV	Max	0.00	0.0699	0.3178	0.1274
603	603	632	ENV	Max	0.00	0.1053	0.9266	0.3327
603	603	631	ENV	Max	0.00	2.1315	1.9845	0.5557
603	603	622	ENV	Min	0.00	-9.2688	-2.3308	-0.1164
603	603	623	ENV	Min	0.00	-0.2277	-0.3387	-0.0898
603	603	632	ENV	Min	0.00	-0.5090	-1.0548	-0.3146
603	603	631	ENV	Min	0.00	-10.5177	-3.2591	-0.2482
604	604	623	ENV	Max	0.00	0.0324	0.3097	0.0612
604	604	624	ENV	Max	0.00	1.1172	0.2566	0.0245
604	604	633	ENV	Max	0.00	1.1396	0.2556	0.1408
604	604	632	ENV	Max	0.00	0.4029	0.9749	0.2144
604	604	623	ENV	Min	0.00	-0.2191	-0.3363	-0.0962
604	604	624	ENV	Min	0.00	-0.2766	-0.1030	-0.0301
604	604	633	ENV	Min	0.00	-0.2686	-0.1347	-0.1521
604	604	632	ENV	Min	0.00	-0.5129	-1.0444	-0.2551
605	605	624	ENV	Max	0.00	1.1116	0.2558	0.0136
605	605	625	ENV	Max	0.00	0.3334	0.0869	0.0327
605	605	634	ENV	Max	0.00	0.3089	0.0708	0.0161
605	605	633	ENV	Max	0.00	1.0854	0.2415	0.0320
605	605	624	ENV	Min	0.00	-0.2741	-0.1028	-0.0161

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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
605	605	625	ENV	Min	0.00	-0.0771	-0.0313	-0.0374
605	605	634	ENV	Min	0.00	-0.0730	-0.0315	-0.0092
605	605	633	ENV	Min	0.00	-0.2476	-0.1273	-0.0228
606	606	625	ENV	Max	0.00	0.3355	0.0872	0.0194
606	606	626	ENV	Max	0.00	0.0202	0.0047	0.0153
606	606	635	ENV	Max	0.00	0.0362	0.0065	0.0190
606	606	634	ENV	Max	0.00	0.3146	0.0708	0.0228
606	606	625	ENV	Min	0.00	-0.0785	-0.0314	-0.0252
606	606	626	ENV	Min	0.00	-0.0561	-0.0207	-0.0328
606	606	635	ENV	Min	0.00	-0.1034	-0.0274	-0.0388
606	606	634	ENV	Min	0.00	-0.0794	-0.0316	-0.0309
607	607	626	ENV	Max	0.00	0.0204	0.0047	0.0151
607	607	627	ENV	Max	0.00	0.0150	0.0136	0.0100
607	607	636	ENV	Max	0.00	-0.0020	0.0132	0.0105
607	607	635	ENV	Max	0.00	0.0351	0.0069	0.0161
607	607	626	ENV	Min	0.00	-0.0560	-0.0206	-0.0406
607	607	627	ENV	Min	0.00	-0.0749	-0.0674	-0.0400
607	607	636	ENV	Min	0.00	-0.0464	-0.0517	-0.0503
607	607	635	ENV	Min	0.00	-0.0983	-0.0270	-0.0515
608	608	627	ENV	Max	0.00	0.0137	0.0135	0.0191
608	608	628	ENV	Max	0.00	0.0241	0.0658	0.0162
608	608	637	ENV	Max	0.00	0.2811	0.3186	0.0610
608	608	636	ENV	Max	0.00	-0.0093	0.0160	0.0059
608	608	627	ENV	Min	0.00	-0.0711	-0.0667	-0.0558
608	608	628	ENV	Min	0.00	-0.0267	-0.1164	-0.0203
608	608	637	ENV	Min	0.00	-0.1285	-0.1920	-0.0439
608	608	636	ENV	Min	0.00	-0.0285	-0.0524	-0.0215
609	609	628	ENV	Max	0.00	0.0217	0.0658	0.0355
609	609	629	ENV	Max	0.00	0.1651	0.2515	0.0669
609	609	638	ENV	Max	0.00	0.4567	1.4456	0.2932
609	609	637	ENV	Max	0.00	0.2549	0.3176	0.2261
609	609	628	ENV	Min	0.00	-0.0261	-0.1167	-0.0334
609	609	629	ENV	Min	0.00	-0.0785	-0.3060	-0.0595
609	609	638	ENV	Min	0.00	-0.3043	-0.7911	-0.1945
609	609	637	ENV	Min	0.00	-0.1267	-0.1958	-0.1327
610	610	629	ENV	Max	0.00	0.0891	0.2475	0.1190
610	610	518	ENV	Max	0.00	0.0944	0.5292	0.0779
610	610	519	ENV	Max	0.00	0.3270	2.5708	0.3458
610	610	638	ENV	Max	0.00	0.5880	1.4671	0.3711
610	610	629	ENV	Min	0.00	-0.0562	-0.3127	-0.0706
610	610	518	ENV	Min	0.00	-0.1867	-0.5340	-0.0517
610	610	519	ENV	Min	0.00	-0.5455	-1.8837	-0.2849
610	610	638	ENV	Min	0.00	-0.2305	-0.7716	-0.2880
611	611	485	ENV	Max	0.00	11.2338	2.8302	1.8953
611	611	630	ENV	Max	0.00	4.9804	2.0661	0.5671
611	611	639	ENV	Max	0.00	12.9429	6.8186	2.1861
611	611	486	ENV	Max	0.00	28.4080	2.5180	4.1772
611	611	485	ENV	Min	0.00	1.3064	-2.0899	-0.3296
611	611	630	ENV	Min	0.00	-21.1945	-7.0076	-0.6810
611	611	639	ENV	Min	0.00	-49.2700	-10.5046	-0.1955
611	611	486	ENV	Min	0.00	-3.2299	-5.4974	-0.5071

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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
612	612	630	ENV	Max	0.00	8.1253	2.6936	0.6333
612	612	631	ENV	Max	0.00	1.2423	2.2785	3.0865
612	612	640	ENV	Max	0.00	6.2238	4.6577	3.2670
612	612	639	ENV	Max	0.00	1.7056	9.0688	0.7014
612	612	630	ENV	Min	0.00	-32.4594	-9.2591	0.0258
612	612	631	ENV	Min	0.00	-7.1702	-3.0896	-0.9438
612	612	640	ENV	Min	0.00	-25.3897	-6.2227	-0.9868
612	612	639	ENV	Min	0.00	-4.8828	-6.1248	0.0951
613	613	631	ENV	Max	0.00	2.1369	2.1502	1.0059
613	613	632	ENV	Max	0.00	0.1247	1.0244	0.6676
613	613	641	ENV	Max	0.00	3.5530	0.5922	1.5968
613	613	640	ENV	Max	0.00	2.7947	5.2171	1.8815
613	613	631	ENV	Min	0.00	-10.5290	-3.4541	-0.9032
613	613	632	ENV	Min	0.00	-0.5110	-1.0657	-0.8397
613	613	641	ENV	Min	0.00	-1.9716	-0.9758	-2.3656
613	613	640	ENV	Min	0.00	-14.1037	-5.2107	-2.3754
614	614	632	ENV	Max	0.00	0.4266	1.0731	0.5859
614	614	633	ENV	Max	0.00	1.1300	0.2042	0.2574
614	614	642	ENV	Max	0.00	0.8873	0.1534	0.4239
614	614	641	ENV	Max	0.00	1.9173	0.7167	0.7399
614	614	632	ENV	Min	0.00	-0.5193	-1.0557	-0.6817
614	614	633	ENV	Min	0.00	-0.2649	-0.1127	-0.2172
614	614	642	ENV	Min	0.00	-0.1758	-0.1294	-0.3000
614	614	641	ENV	Min	0.00	-1.4282	-1.3186	-0.7520
615	615	633	ENV	Max	0.00	1.0758	0.1901	0.1161
615	615	634	ENV	Max	0.00	0.3100	0.0762	0.0242
615	615	643	ENV	Max	0.00	0.2159	0.1533	0.0563
615	615	642	ENV	Max	0.00	0.9673	0.1595	0.1558
615	615	633	ENV	Min	0.00	-0.2439	-0.1053	-0.0678
615	615	634	ENV	Min	0.00	-0.0733	-0.0328	-0.0099
615	615	643	ENV	Min	0.00	-0.0644	-0.1019	-0.0028
615	615	642	ENV	Min	0.00	-0.1996	-0.1243	-0.0683
616	616	634	ENV	Max	0.00	0.3157	0.0761	0.0238
616	616	635	ENV	Max	0.00	0.0354	0.0105	0.0256
616	616	644	ENV	Max	0.00	-2.728E-04	3.242E-04	0.0366
616	616	643	ENV	Max	0.00	0.2247	0.1605	0.0355
616	616	634	ENV	Min	0.00	-0.0797	-0.0329	-0.0244
616	616	635	ENV	Min	0.00	-0.1025	-0.0313	-0.0559
616	616	644	ENV	Min	0.00	-0.1151	-0.0250	-0.0717
616	616	643	ENV	Min	0.00	-0.0632	-0.1070	-0.0408
617	617	635	ENV	Max	0.00	0.0343	0.0109	0.0234
617	617	636	ENV	Max	0.00	-0.0018	0.0111	0.0037
617	617	645	ENV	Max	0.00	0.1062	0.0947	0.0095
617	617	644	ENV	Max	0.00	6.622E-04	5.160E-04	0.0234
617	617	635	ENV	Min	0.00	-0.0974	-0.0309	-0.0717
617	617	636	ENV	Min	0.00	-0.0473	-0.0529	-0.0482
617	617	645	ENV	Min	0.00	-0.0838	-0.1199	-0.0635
617	617	644	ENV	Min	0.00	-0.1170	-0.0254	-0.0812
618	618	636	ENV	Max	0.00	-0.0094	0.0138	0.0072
618	618	637	ENV	Max	0.00	0.2886	0.3306	0.2359
618	618	646	ENV	Max	0.00	1.1980	0.4598	0.3255

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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
618	618	645	ENV	Max	0.00	0.1300	0.0929	0.0817
618	618	636	ENV	Min	0.00	-0.0291	-0.0536	-0.0361
618	618	637	ENV	Min	0.00	-0.1302	-0.1747	-0.1113
618	618	646	ENV	Min	0.00	-0.4519	-0.1718	-0.1423
618	618	645	ENV	Min	0.00	-0.0878	-0.1141	-0.0520
619	619	637	ENV	Max	0.00	0.2574	0.3294	0.4234
619	619	638	ENV	Max	0.00	0.4749	1.5355	0.8921
619	619	647	ENV	Max	0.00	1.5567	2.7886	1.4301
619	619	646	ENV	Max	0.00	1.3847	0.4972	0.9804
619	619	637	ENV	Min	0.00	-0.1233	-0.1784	-0.2140
619	619	638	ENV	Min	0.00	-0.3205	-0.8713	-0.4917
619	619	647	ENV	Min	0.00	-1.0525	-0.7668	-0.6162
619	619	646	ENV	Min	0.00	-0.5020	-0.1819	-0.3575
620	620	638	ENV	Max	0.00	0.5920	1.5568	0.8627
620	620	519	ENV	Max	0.00	0.3054	2.4300	0.8701
620	620	520	ENV	Max	0.00	0.7885	7.2946	1.9823
620	620	647	ENV	Max	0.00	1.4353	2.5207	1.9806
620	620	638	ENV	Min	0.00	-0.2326	-0.8516	-0.6021
620	620	519	ENV	Min	0.00	-0.5359	-1.8033	-0.8156
620	620	520	ENV	Min	0.00	-0.1253	-3.2112	-1.5544
620	620	647	ENV	Min	0.00	-1.9110	-0.6950	-1.3466
621	621	486	ENV	Max	0.00	28.2193	3.4180	4.7442
621	621	639	ENV	Max	0.00	12.8584	4.2810	15.9742
621	621	531	ENV	Max	0.00	59.1933	51.7511	21.4779
621	621	23	ENV	Max	0.00	26.2650	44.1947	13.9495
621	621	486	ENV	Min	0.00	-3.0515	-6.4490	-4.8356
621	621	639	ENV	Min	0.00	-49.3526	-8.8026	-3.6906
621	621	531	ENV	Min	0.00	-26.1365	-19.8814	-7.8969
621	621	23	ENV	Min	0.00	-4.6734	-10.9668	-12.7435
622	622	639	ENV	Max	0.00	1.1177	5.7352	10.8226
622	622	640	ENV	Max	0.00	6.0662	7.1262	3.3504
622	622	533	ENV	Max	0.00	35.8658	18.4341	10.2123
622	622	531	ENV	Max	0.00	44.4603	28.8210	10.5351
622	622	639	ENV	Min	0.00	-4.4621	-3.6269	-2.5294
622	622	640	ENV	Min	0.00	-25.0089	-7.5754	-10.6782
622	622	533	ENV	Min	0.00	-14.1013	-22.2566	-23.4712
622	622	531	ENV	Min	0.00	-153.8713	-25.4450	-8.1730
623	623	640	ENV	Max	0.00	2.7426	7.8214	3.9730
623	623	641	ENV	Max	0.00	3.2896	0.9928	2.3258
623	623	535	ENV	Max	0.00	3.0693	0.5279	2.8849
623	623	533	ENV	Max	0.00	12.8440	18.4913	1.5780
623	623	640	ENV	Min	0.00	-13.8284	-6.6992	-7.1969
623	623	641	ENV	Min	0.00	-1.7952	-1.8113	-2.1139
623	623	535	ENV	Min	0.00	-4.7243	-0.6563	-1.9655
623	623	533	ENV	Min	0.00	-8.0261	-25.7031	-4.0943
624	624	641	ENV	Max	0.00	1.6568	1.1257	1.1475
624	624	642	ENV	Max	0.00	0.9458	0.4214	0.4543
624	624	537	ENV	Max	0.00	0.3921	0.1365	0.7469
624	624	535	ENV	Max	0.00	3.1855	0.7833	1.3732
624	624	641	ENV	Min	0.00	-1.2547	-2.1627	-0.7475
624	624	642	ENV	Min	0.00	-0.2147	-0.2990	-0.2536

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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
624	624	537	ENV	Min	0.00	0.0884	0.0309	-0.3726
624	624	535	ENV	Min	0.00	-3.1008	-0.5637	-0.7996
625	625	642	ENV	Max	0.00	1.0258	0.4367	0.2380
625	625	643	ENV	Max	0.00	0.2131	0.0946	0.1093
625	625	539	ENV	Max	0.00	0.1224	0.1225	0.1525
625	625	537	ENV	Max	0.00	0.4221	0.1193	0.2379
625	625	642	ENV	Min	0.00	-0.2385	-0.3030	-0.0927
625	625	643	ENV	Min	0.00	-0.0654	-0.0622	-0.0640
625	625	539	ENV	Min	0.00	-0.0484	-0.1200	-0.1175
625	625	537	ENV	Min	0.00	0.0225	0.0409	-0.1029
626	626	643	ENV	Max	0.00	0.2218	0.1017	0.0783
626	626	644	ENV	Max	0.00	-5.469E-04	-5.892E-04	0.0407
626	626	541	ENV	Max	0.00	-0.0162	0.0693	0.0329
626	626	539	ENV	Max	0.00	0.1115	0.1259	0.0551
626	626	643	ENV	Min	0.00	-0.0641	-0.0674	-0.0852
626	626	644	ENV	Min	0.00	-0.1144	-0.0219	-0.0811
626	626	541	ENV	Min	0.00	-0.1599	-0.1033	-0.0713
626	626	539	ENV	Min	0.00	-0.0408	-0.1241	-0.0599
627	627	644	ENV	Max	0.00	3.881E-04	-6.142E-04	0.0277
627	627	645	ENV	Max	0.00	0.1089	0.0845	0.0331
627	627	543	ENV	Max	0.00	0.2840	0.1591	0.0116
627	627	541	ENV	Max	0.00	-0.0162	0.0696	0.0270
627	627	644	ENV	Min	0.00	-0.1163	-0.0220	-0.0915
627	627	645	ENV	Min	0.00	-0.0841	-0.0979	-0.0950
627	627	543	ENV	Min	0.00	-0.1820	-0.1112	-0.0722
627	627	541	ENV	Min	0.00	-0.1587	-0.1034	-0.0896
628	628	645	ENV	Max	0.00	0.1336	0.0835	0.0855
628	628	646	ENV	Max	0.00	1.1809	0.4234	0.4686
628	628	545	ENV	Max	0.00	2.7677	0.5036	0.4838
628	628	543	ENV	Max	0.00	0.2702	0.1552	0.1368
628	628	645	ENV	Min	0.00	-0.0890	-0.0929	-0.0827
628	628	646	ENV	Min	0.00	-0.4507	-0.2149	-0.1790
628	628	545	ENV	Min	0.00	-0.8547	-0.1731	-0.1940
628	628	543	ENV	Min	0.00	-0.1803	-0.1097	-0.1339
629	629	646	ENV	Max	0.00	1.3676	0.4543	1.1061
629	629	647	ENV	Max	0.00	1.4851	3.0655	2.6942
629	629	547	ENV	Max	0.00	6.0588	0.8957	3.0261
629	629	545	ENV	Max	0.00	2.7052	0.4908	1.4424
629	629	646	ENV	Min	0.00	-0.5007	-0.2184	-0.3840
629	629	647	ENV	Min	0.00	-0.9232	-0.7551	-0.7942
629	629	547	ENV	Min	0.00	-1.9863	-0.5210	-0.8107
629	629	545	ENV	Min	0.00	-0.8216	-0.1662	-0.4048
630	630	647	ENV	Max	0.00	1.3309	2.7909	3.9870
630	630	520	ENV	Max	0.00	0.9692	8.7381	3.9353
630	630	26	ENV	Max	0.00	7.9283	16.8046	4.4928
630	630	547	ENV	Max	0.00	8.2051	1.2323	6.1592
630	630	647	ENV	Min	0.00	-1.7490	-0.6765	-1.4955
630	630	520	ENV	Min	0.00	-0.3540	-4.8948	-3.6513
630	630	26	ENV	Min	0.00	-22.5417	-9.4754	-2.0050
630	630	547	ENV	Min	0.00	-2.1428	-0.4596	-1.4639
649	649	310	ENV	Max	0.00	0.7592	1.3825	1.6490

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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
649	649	308	ENV	Max	0.00	2.9373	1.7705	0.7021
649	649	309	ENV	Max	0.00	4.3559	7.6243	2.4780
649	649	311	ENV	Max	0.00	0.4944	4.7471	3.3566
649	649	310	ENV	Min	0.00	-1.8277	-0.5446	-1.8881
649	649	308	ENV	Min	0.00	-3.8828	-1.2215	-1.4311
649	649	309	ENV	Min	0.00	-6.1277	-6.5403	-2.8561
649	649	311	ENV	Min	0.00	-1.6406	-4.1830	-3.7273
650	650	311	ENV	Max	0.00	0.6694	2.4448	3.6685
650	650	309	ENV	Max	0.00	5.5555	4.0759	2.8314
650	650	88	ENV	Max	0.00	9.9159	12.4844	4.5052
650	650	89	ENV	Max	0.00	0.1861	9.4714	6.2719
650	650	311	ENV	Min	0.00	-1.7038	-1.8588	-3.9374
650	650	309	ENV	Min	0.00	-6.9971	-2.7765	-2.9482
650	650	88	ENV	Min	0.00	-12.1967	-12.0858	-4.4814
650	650	89	ENV	Min	0.00	-1.1893	-9.4496	-6.5655
651	651	15	ENV	Max	0.00	0.9753	1.7197	0.8329
651	651	14	ENV	Max	0.00	0.7076	1.3349	0.4577
651	651	310	ENV	Max	0.00	1.5516	2.3438	0.8588
651	651	312	ENV	Max	0.00	1.3225	1.1975	1.4807
651	651	15	ENV	Min	0.00	-1.8802	-0.9461	-1.1213
651	651	14	ENV	Min	0.00	-1.7810	-0.6231	-0.7154
651	651	310	ENV	Min	0.00	-2.6863	-1.5869	-1.0663
651	651	312	ENV	Min	0.00	-2.1842	-0.5279	-1.7975
652	652	312	ENV	Max	0.00	0.9780	1.4514	1.6071
652	652	310	ENV	Max	0.00	2.2353	1.1465	1.0932
652	652	311	ENV	Max	0.00	4.2199	5.7704	2.0797
652	652	313	ENV	Max	0.00	0.9075	4.6572	3.1181
652	652	312	ENV	Min	0.00	-1.8179	-0.6756	-1.8888
652	652	310	ENV	Min	0.00	-3.2881	-0.2920	-1.2295
652	652	311	ENV	Min	0.00	-5.6217	-5.2440	-2.1753
652	652	313	ENV	Min	0.00	-1.3244	-3.9101	-3.5055
653	653	313	ENV	Max	0.00	0.7732	2.3888	3.3757
653	653	311	ENV	Max	0.00	5.2302	3.4283	2.3910
653	653	89	ENV	Max	0.00	9.5858	11.4597	3.4283
653	653	90	ENV	Max	0.00	0.4862	10.4327	6.0252
653	653	313	ENV	Min	0.00	-1.2121	-1.4127	-3.7301
653	653	311	ENV	Min	0.00	-6.6645	-2.7357	-2.4680
653	653	89	ENV	Min	0.00	-10.0464	-11.1427	-4.0635
653	653	90	ENV	Min	0.00	-1.8058	-9.3655	-6.2186
654	654	16	ENV	Max	0.00	1.2208	1.6074	0.7325
654	654	15	ENV	Max	0.00	0.9995	1.5385	0.5807
654	654	312	ENV	Max	0.00	1.4142	1.7008	0.6650
654	654	314	ENV	Max	0.00	1.6645	1.2897	1.3115
654	654	16	ENV	Min	0.00	-1.7193	-0.8092	-1.2110
654	654	15	ENV	Min	0.00	-1.9157	-0.7465	-0.8296
654	654	312	ENV	Min	0.00	-2.1253	-0.9805	-0.9547
654	654	314	ENV	Min	0.00	-2.1157	-0.5046	-1.7637
655	655	314	ENV	Max	0.00	1.3741	1.4443	1.4249
655	655	312	ENV	Max	0.00	1.9032	1.0943	0.7841
655	655	313	ENV	Max	0.00	4.1428	5.6627	1.6434
655	655	315	ENV	Max	0.00	1.4239	5.1852	2.9704

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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
655	655	314	ENV	Min	0.00	-1.7654	-0.5922	-1.8266
655	655	312	ENV	Min	0.00	-2.6023	-0.2578	-1.0468
655	655	313	ENV	Min	0.00	-4.9201	-4.9551	-1.9360
655	655	315	ENV	Min	0.00	-1.5919	-4.1167	-3.3883
656	656	315	ENV	Max	0.00	0.8522	2.8249	3.2689
656	656	313	ENV	Max	0.00	5.0133	3.3627	1.8819
656	656	90	ENV	Max	0.00	9.6610	12.5829	3.1448
656	656	91	ENV	Max	0.00	1.2969	10.9615	6.0734
656	656	315	ENV	Min	0.00	-0.9214	-1.7319	-3.6252
656	656	313	ENV	Min	0.00	-5.7622	-2.4766	-2.1375
656	656	90	ENV	Min	0.00	-9.6172	-11.2709	-3.5805
656	656	91	ENV	Min	0.00	-2.1360	-9.5767	-6.1672
657	657	26	ENV	Max	0.00	12.5942	32.7009	29.8210
657	657	665	ENV	Max	0.00	67.2913	62.6472	16.3922
657	657	682	ENV	Max	0.00	112.0093	223.4331	29.2581
657	657	27	ENV	Max	0.00	32.2454	29.1510	37.4696
657	657	26	ENV	Min	0.00	-37.3325	-26.8189	-17.3711
657	657	665	ENV	Min	0.00	-22.5466	-44.4624	-35.3832
657	657	682	ENV	Min	0.00	-336.0616	-286.1979	-47.3774
657	657	27	ENV	Min	0.00	-8.5745	-47.1317	-24.1479
658	658	665	ENV	Max	0.00	30.4753	46.8302	25.8211
658	658	29	ENV	Max	0.00	13.4176	59.4956	22.6744
658	658	30	ENV	Max	0.00	13.6850	99.2043	32.7914
658	658	682	ENV	Max	0.00	231.1048	236.1396	18.7474
658	658	665	ENV	Min	0.00	-85.2236	-48.5440	-53.8470
658	658	29	ENV	Min	0.00	-5.6607	-71.0150	-24.4525
658	658	30	ENV	Min	0.00	-25.8864	-80.7132	-30.0053
658	658	682	ENV	Min	0.00	-91.0525	-226.0834	-42.2091
661	661	36	ENV	Max	0.00	1.8767	1.3707	0.6662
661	661	16	ENV	Max	0.00	1.0940	1.3980	0.2668
661	661	314	ENV	Max	0.00	1.6429	1.9347	0.2626
661	661	316	ENV	Max	0.00	2.6484	1.7349	1.3059
661	661	36	ENV	Min	0.00	-1.9250	-0.6343	-1.2883
661	661	16	ENV	Min	0.00	-1.5252	-0.5721	-0.6850
661	661	314	ENV	Min	0.00	-1.8594	-1.0884	-0.7038
661	661	316	ENV	Min	0.00	-2.7621	-0.8744	-1.8321
662	662	316	ENV	Max	0.00	2.3957	1.3899	1.3858
662	662	314	ENV	Max	0.00	2.0765	1.1833	0.3623
662	662	315	ENV	Max	0.00	4.6407	6.4298	1.2057
662	662	317	ENV	Max	0.00	2.7026	5.5734	2.9619
662	662	316	ENV	Min	0.00	-2.4056	-0.5848	-1.8552
662	662	314	ENV	Min	0.00	-2.2331	-0.2699	-0.7590
662	662	315	ENV	Min	0.00	-4.7771	-5.3407	-1.5361
662	662	317	ENV	Min	0.00	-2.6501	-4.4660	-3.3390
663	663	317	ENV	Max	0.00	1.9201	3.1382	3.2662
663	663	315	ENV	Max	0.00	5.5568	4.0991	1.4677
663	663	91	ENV	Max	0.00	10.7984	13.6433	2.7269
663	663	92	ENV	Max	0.00	3.0764	10.8742	6.1599
663	663	317	ENV	Min	0.00	-1.7040	-2.1684	-3.5623
663	663	315	ENV	Min	0.00	-5.5933	-2.9865	-1.7367
663	663	91	ENV	Min	0.00	-10.1335	-11.9446	-3.0025

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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
663	663	92	ENV	Min	0.00	-3.5942	-9.6560	-6.1225
664	664	37	ENV	Max	0.00	2.4588	1.2272	0.5603
664	664	36	ENV	Max	0.00	1.3707	1.3337	0.2438
664	664	316	ENV	Max	0.00	1.3057	2.3999	0.3000
664	664	318	ENV	Max	0.00	3.1779	1.9963	1.1494
664	664	37	ENV	Min	0.00	-2.3474	-0.7104	-1.1240
664	664	36	ENV	Min	0.00	-1.2560	-0.5683	-0.7821
664	664	316	ENV	Min	0.00	-1.0831	-1.4758	-0.7825
664	664	318	ENV	Min	0.00	-3.2132	-1.3035	-1.5731
665	665	318	ENV	Max	0.00	2.9272	1.1536	1.2161
665	665	316	ENV	Max	0.00	1.7248	1.4503	0.3427
665	665	317	ENV	Max	0.00	4.1734	6.8126	1.1940
665	665	319	ENV	Max	0.00	3.0049	5.6647	2.7329
665	665	318	ENV	Min	0.00	-2.8808	-0.6705	-1.6168
665	665	316	ENV	Min	0.00	-1.3889	-0.5909	-0.7648
665	665	317	ENV	Min	0.00	-3.9289	-5.6817	-1.4344
665	665	319	ENV	Min	0.00	-2.8550	-4.8892	-3.0059
666	666	319	ENV	Max	0.00	2.2459	3.0075	2.9881
666	666	317	ENV	Max	0.00	5.1640	4.3974	1.4903
666	666	92	ENV	Max	0.00	10.6908	13.6753	2.6450
666	666	93	ENV	Max	0.00	3.4074	10.9560	5.9661
666	666	319	ENV	Min	0.00	-1.9844	-2.5971	-3.2359
666	666	317	ENV	Min	0.00	-4.7552	-3.4049	-1.6448
666	666	92	ENV	Min	0.00	-9.6281	-12.1567	-2.7154
666	666	93	ENV	Min	0.00	-3.7190	-10.2348	-5.8163
667	667	38	ENV	Max	0.00	2.8131	1.2545	0.4544
667	667	37	ENV	Max	0.00	2.0208	1.2159	0.3143
667	667	318	ENV	Max	0.00	1.3075	2.6851	0.3439
667	667	320	ENV	Max	0.00	3.6545	2.3539	1.0491
667	667	38	ENV	Min	0.00	-3.0199	-0.9702	-0.7275
667	667	37	ENV	Min	0.00	-1.7565	-0.6692	-0.8213
667	667	318	ENV	Min	0.00	-1.0540	-1.9351	-0.7895
667	667	320	ENV	Min	0.00	-4.1308	-1.9061	-1.1930
668	668	320	ENV	Max	0.00	3.3952	1.2283	1.0525
668	668	318	ENV	Max	0.00	1.5507	1.4906	0.3725
668	668	319	ENV	Max	0.00	3.8374	6.9368	0.7614
668	668	321	ENV	Max	0.00	3.6053	6.0757	2.5934
668	668	320	ENV	Min	0.00	-3.9028	-0.9852	-1.2445
668	668	318	ENV	Min	0.00	-1.2218	-0.9442	-0.7997
668	668	319	ENV	Min	0.00	-3.5862	-6.1342	-1.0513
668	668	321	ENV	Min	0.00	-4.1053	-5.7081	-2.7152
669	669	321	ENV	Max	0.00	2.9061	3.6592	2.6973
669	669	319	ENV	Max	0.00	4.7134	4.3117	0.9703
669	669	93	ENV	Max	0.00	11.1540	13.9651	1.9010
669	669	94	ENV	Max	0.00	4.6207	10.7264	5.5823
669	669	321	ENV	Min	0.00	-3.5293	-3.5051	-2.9359
669	669	319	ENV	Min	0.00	-4.3606	-3.8641	-1.2548
669	669	93	ENV	Min	0.00	-9.8011	-12.8922	-2.1305
669	669	94	ENV	Min	0.00	-5.8754	-11.0845	-5.6129
670	670	39	ENV	Max	0.00	2.9409	0.8929	0.6747
670	670	38	ENV	Max	0.00	2.3620	1.2281	0.2988

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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
670	670	320	ENV	Max	0.00	1.1263	3.0140	0.3409
670	670	322	ENV	Max	0.00	4.0778	2.4673	1.1729
670	670	39	ENV	Min	0.00	-3.6421	-0.8654	-0.5586
670	670	38	ENV	Min	0.00	-2.5582	-0.9602	-0.5229
670	670	320	ENV	Min	0.00	-1.5404	-2.5724	-0.4724
670	670	322	ENV	Min	0.00	-5.0420	-2.3213	-0.9675
671	671	322	ENV	Max	0.00	3.5768	1.8724	1.3607
671	671	320	ENV	Max	0.00	1.1671	1.6805	0.3326
671	671	321	ENV	Max	0.00	2.3571	7.0377	0.8747
671	671	323	ENV	Max	0.00	3.7545	6.0263	2.5186
671	671	322	ENV	Min	0.00	-4.5195	-1.6619	-1.1417
671	671	320	ENV	Min	0.00	-1.5847	-1.4715	-0.5027
671	671	321	ENV	Min	0.00	-3.3696	-6.8246	-0.8947
671	671	323	ENV	Min	0.00	-4.6297	-6.0958	-2.4427
672	672	323	ENV	Max	0.00	2.9300	4.8001	2.7643
672	672	321	ENV	Max	0.00	3.1652	4.4487	1.0425
672	672	94	ENV	Max	0.00	7.6419	12.9350	2.2847
672	672	95	ENV	Max	0.00	3.8987	10.0623	4.8478
672	672	323	ENV	Min	0.00	-3.9555	-4.5410	-2.7516
672	672	321	ENV	Min	0.00	-4.2566	-4.4934	-1.1540
672	672	94	ENV	Min	0.00	-8.7768	-13.3744	-2.4754
672	672	95	ENV	Min	0.00	-5.3439	-11.1988	-5.1079
673	673	4	ENV	Max	0.00	1.2118	0.8098	0.5061
673	673	39	ENV	Max	0.00	1.9288	1.0088	0.6289
673	673	322	ENV	Max	0.00	1.0531	3.0846	0.7079
673	673	509	ENV	Max	0.00	2.1323	3.7068	1.5108
673	673	4	ENV	Min	0.00	-1.2736	-0.7855	-0.2794
673	673	39	ENV	Min	0.00	-2.7254	-0.9983	-0.3435
673	673	322	ENV	Min	0.00	-1.9632	-2.9258	-0.3135
673	673	509	ENV	Min	0.00	-2.4322	-3.8691	-1.2403
674	674	509	ENV	Max	0.00	1.4357	3.7117	2.1694
674	674	322	ENV	Max	0.00	0.8573	2.5002	0.8304
674	674	323	ENV	Max	0.00	1.5110	6.8367	1.2663
674	674	510	ENV	Max	0.00	1.8974	8.9707	3.2544
674	674	509	ENV	Min	0.00	-1.4120	-3.6672	-1.6470
674	674	322	ENV	Min	0.00	-1.7445	-2.2783	-0.3887
674	674	323	ENV	Min	0.00	-3.2866	-7.0860	-0.8310
674	674	510	ENV	Min	0.00	-1.8292	-8.3088	-2.6902
675	675	510	ENV	Max	0.00	2.1156	8.6230	3.9533
675	675	323	ENV	Max	0.00	1.7769	5.9838	1.3514
675	675	95	ENV	Max	0.00	6.6184	12.4609	1.0937
675	675	81	ENV	Max	0.00	3.5123	14.8295	6.2640
675	675	510	ENV	Min	0.00	-1.1399	-7.5910	-2.6948
675	675	323	ENV	Min	0.00	-4.0555	-5.5516	-1.0589
675	675	95	ENV	Min	0.00	-8.4503	-13.2510	-2.4120
675	675	81	ENV	Min	0.00	-6.3862	-10.9062	-4.0107
676	676	46	ENV	Max	0.00	0.1981	5.8004	3.9170
676	676	31	ENV	Max	0.00	7.4668	1.0905	2.0355
676	676	228	ENV	Max	0.00	3.7477	0.9685	2.2124
676	676	511	ENV	Max	0.00	4.0254	3.4470	6.0710
676	676	46	ENV	Min	0.00	-1.2047	-7.4350	-2.6567

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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
676	676	31	ENV	Min	0.00	-7.3930	-1.6177	-1.0828
676	676	228	ENV	Min	0.00	-4.4507	-1.5837	-0.9010
676	676	511	ENV	Min	0.00	-5.0569	-4.8325	-4.5805
677	677	511	ENV	Max	0.00	1.6639	5.2778	6.8893
677	677	228	ENV	Max	0.00	3.4609	1.7944	2.6711
677	677	229	ENV	Max	0.00	3.2421	3.7537	4.7751
677	677	530	ENV	Max	0.00	13.0786	16.9969	7.7328
677	677	511	ENV	Min	0.00	-2.5904	-6.9008	-5.3890
677	677	228	ENV	Min	0.00	-3.8483	-2.6056	-1.2140
677	677	229	ENV	Min	0.00	-4.2657	-4.7481	-2.8717
677	677	530	ENV	Min	0.00	-13.9092	-19.4532	-6.2144
678	678	530	ENV	Max	0.00	8.1884	16.8374	9.9853
678	678	229	ENV	Max	0.00	2.3701	4.5147	5.1307
678	678	73	ENV	Max	0.00	55.2619	11.0630	29.0567
678	678	96	ENV	Max	0.00	22.1795	47.0760	2.6226
678	678	530	ENV	Min	0.00	-9.0122	-19.3355	-8.4601
678	678	229	ENV	Min	0.00	-3.0431	-5.6540	-3.0198
678	678	73	ENV	Min	0.00	-57.9608	-13.9691	-26.2922
678	678	96	ENV	Min	0.00	-21.0683	-51.0536	-1.5819
679	679	47	ENV	Max	0.00	3.9168	8.9600	9.7012
679	679	46	ENV	Max	0.00	1.4154	6.5890	5.9983
679	679	511	ENV	Max	0.00	8.2864	5.2041	10.5720
679	679	674	ENV	Max	0.00	1.5206	12.5924	8.2599
679	679	47	ENV	Min	0.00	-4.9264	-10.3945	-8.1620
679	679	46	ENV	Min	0.00	-2.1602	-8.1904	-4.5717
679	679	46	ENV	Min	0.00	-9.4533	-6.6359	-8.8978
679	679	511	ENV	Min	0.00	-2.1109	-14.4890	-6.9294
679	679	674	ENV	Min	0.00	-2.1109	-14.4890	-6.9294
680	680	674	ENV	Max	0.00	2.4218	10.0295	7.8891
680	680	511	ENV	Max	0.00	5.9510	7.0970	11.9266
680	680	530	ENV	Max	0.00	12.3507	17.9192	12.6378
680	680	675	ENV	Max	0.00	3.7846	21.3450	4.4775
680	680	674	ENV	Min	0.00	-3.2478	-11.6147	-6.6467
680	680	511	ENV	Min	0.00	-7.0446	-8.7345	-10.2125
680	680	530	ENV	Min	0.00	-13.3698	-20.3944	-11.0601
680	680	675	ENV	Min	0.00	-3.9378	-23.6984	-3.5352
681	681	675	ENV	Max	0.00	0.4703	16.5151	3.4740
681	681	530	ENV	Max	0.00	13.3246	12.1331	13.4305
681	681	96	ENV	Max	0.00	16.9405	48.7417	1.9989
681	681	97	ENV	Max	0.00	4.1448	26.0790	2.3784
681	681	675	ENV	Min	0.00	-1.0868	-18.3582	-2.7327
681	681	530	ENV	Min	0.00	-14.5719	-14.4151	-11.9470
681	681	96	ENV	Min	0.00	-17.3621	-52.7250	-1.2981
681	681	97	ENV	Min	0.00	-4.3125	-28.8576	-2.0658
682	682	48	ENV	Max	0.00	1.7142	6.8989	7.9895
682	682	47	ENV	Max	0.00	3.8881	8.3739	10.1486
682	682	674	ENV	Max	0.00	5.1955	12.8302	9.3600
682	682	676	ENV	Max	0.00	2.3910	11.3426	5.5300
682	682	48	ENV	Min	0.00	-2.4570	-7.8550	-6.8067
682	682	47	ENV	Min	0.00	-5.0033	-9.7816	-8.6863
682	682	674	ENV	Min	0.00	-6.1421	-14.7501	-8.1164
682	682	676	ENV	Min	0.00	-2.7047	-12.8106	-4.6465

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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
683	683	676	ENV	Max	0.00	0.6201	8.0808	4.7248
683	683	674	ENV	Max	0.00	6.3873	10.2276	9.0126
683	683	675	ENV	Max	0.00	7.0762	22.8559	4.6909
683	683	677	ENV	Max	0.00	3.9338	14.5459	1.1211
683	683	676	ENV	Min	0.00	-1.1956	-9.1371	-3.9432
683	683	674	ENV	Min	0.00	-7.5524	-11.8533	-7.8585
683	683	675	ENV	Min	0.00	-8.0202	-25.3401	-3.9397
683	683	677	ENV	Min	0.00	-4.0336	-16.0932	-0.7075
684	684	677	ENV	Max	0.00	0.8132	9.2007	0.9549
684	684	675	ENV	Max	0.00	10.4614	18.1413	2.9549
684	684	97	ENV	Max	0.00	6.7246	27.7472	3.8768
684	684	98	ENV	Max	0.00	0.1853	15.5911	4.5252
684	684	677	ENV	Min	0.00	-1.1438	-10.2592	-0.6079
684	684	675	ENV	Min	0.00	-11.8502	-20.1338	-2.4029
684	684	97	ENV	Min	0.00	-7.7826	-30.6988	-4.0438
684	684	98	ENV	Min	0.00	-0.6229	-16.7686	-4.5013
685	685	49	ENV	Max	0.00	0.7681	3.9309	4.9055
685	685	48	ENV	Max	0.00	3.4288	6.9845	7.3256
685	685	676	ENV	Max	0.00	2.4893	12.0057	4.7908
685	685	678	ENV	Max	0.00	2.9195	7.1940	2.6049
685	685	49	ENV	Min	0.00	-1.1835	-4.3274	-4.2236
685	685	48	ENV	Min	0.00	-4.4959	-7.9811	-6.2972
685	685	676	ENV	Min	0.00	-3.1747	-13.5237	-4.0991
685	685	678	ENV	Min	0.00	-3.0295	-7.9964	-2.2004
686	686	678	ENV	Max	0.00	1.2368	4.4631	1.9041
686	686	676	ENV	Max	0.00	4.5070	8.7572	3.8442
686	686	677	ENV	Max	0.00	3.6936	15.7725	0.3485
686	686	679	ENV	Max	0.00	1.6509	9.4489	1.1713
686	686	678	ENV	Min	0.00	-1.5414	-4.9083	-1.5681
686	686	676	ENV	Min	0.00	-5.4485	-9.8692	-3.2532
686	686	677	ENV	Min	0.00	-4.3536	-17.4143	-0.1595
686	686	679	ENV	Min	0.00	-1.6629	-9.9816	-1.1038
687	687	679	ENV	Max	0.00	0.4393	6.3056	1.7534
687	687	677	ENV	Max	0.00	6.0410	11.1242	1.1725
687	687	98	ENV	Max	0.00	8.7589	17.9100	3.3172
687	687	99	ENV	Max	0.00	0.1794	13.5975	5.0448
687	687	679	ENV	Min	0.00	-0.5883	-6.5309	-1.7362
687	687	677	ENV	Min	0.00	-6.9613	-12.2475	-1.0842
687	687	98	ENV	Min	0.00	-8.8251	-18.9601	-3.7198
687	687	99	ENV	Min	0.00	-0.8534	-13.7056	-5.0776
688	688	64	ENV	Max	0.00	1.2607	2.0163	2.5517
688	688	49	ENV	Max	0.00	1.8664	4.3728	3.9997
688	688	678	ENV	Max	0.00	1.4376	7.9921	2.0464
688	688	292	ENV	Max	0.00	2.3987	4.4280	0.9428
688	688	64	ENV	Min	0.00	-1.3861	-2.0192	-2.3341
688	688	49	ENV	Min	0.00	-2.6097	-4.8183	-3.4743
688	688	678	ENV	Min	0.00	-1.7499	-8.8183	-1.8252
688	688	292	ENV	Min	0.00	-2.4029	-4.6337	-0.8784
689	689	292	ENV	Max	0.00	1.3476	2.5376	0.5461
689	689	678	ENV	Max	0.00	2.8851	5.3870	1.3741
689	689	679	ENV	Max	0.00	3.7855	10.6232	0.7869

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Area	AreaElem	Joint	OutputCase	StepType	FVM	M11	M22	M12
					KN/m	KN-m/m	KN-m/m	KN-m/m
689	689	294	ENV	Max	0.00	1.6101	7.3574	1.8685
689	689	292	ENV	Min	0.00	-1.4278	-2.5607	-0.5078
689	689	678	ENV	Min	0.00	-3.3795	-5.8685	-1.2249
689	689	679	ENV	Min	0.00	-4.0864	-11.2121	-0.8366
689	689	294	ENV	Min	0.00	-1.5634	-7.3174	-1.9557
690	690	294	ENV	Max	0.00	0.4923	4.5386	2.3418
690	690	679	ENV	Max	0.00	5.3188	7.4017	1.3281
690	690	99	ENV	Max	0.00	8.6440	15.4708	3.3309
690	690	83	ENV	Max	0.00	0.8546	11.5091	5.3371
690	690	294	ENV	Min	0.00	-0.4483	-4.3994	-2.4221
690	690	679	ENV	Min	0.00	-5.7270	-7.7130	-1.4136
690	690	99	ENV	Min	0.00	-8.5537	-15.4602	-3.5949
690	690	83	ENV	Min	0.00	-1.2220	-11.1812	-5.3553
691	691	44	ENV	Max	0.00	5.1916	4.3930	1.7305
691	691	680	ENV	Max	0.00	0.7361	5.0922	0.3987
691	691	681	ENV	Max	0.00	1.8278	0.2792	0.9851
691	691	54	ENV	Max	0.00	11.5633	5.9790	2.4658
691	691	44	ENV	Min	0.00	-2.3140	-8.1803	-4.8901
691	691	680	ENV	Min	0.00	-0.3574	-2.2352	-2.9355
691	691	681	ENV	Min	0.00	-1.1946	-1.7058	-3.1066
691	691	54	ENV	Min	0.00	-5.2400	-1.2169	-5.2101
692	692	680	ENV	Max	0.00	0.3611	4.9094	-0.0034
692	692	684	ENV	Max	0.00	0.4909	0.6767	0.2588
692	692	685	ENV	Max	0.00	0.6291	0.4888	0.2904
692	692	681	ENV	Max	0.00	2.5274	0.2797	0.2452
692	692	680	ENV	Min	0.00	-1.6088	-2.3777	-1.3181
692	692	684	ENV	Min	0.00	-0.7838	-0.7675	-0.6890
692	692	685	ENV	Min	0.00	-0.1439	-0.1343	-0.9196
692	692	681	ENV	Min	0.00	-1.1515	-1.5577	-1.7657
693	693	684	ENV	Max	0.00	2.0216	1.1953	0.2067
693	693	41	ENV	Max	0.00	0.5971	0.3033	0.1447
693	693	53	ENV	Max	0.00	1.9014	0.2743	0.2897
693	693	685	ENV	Max	0.00	0.8205	0.4130	0.1201
693	693	684	ENV	Min	0.00	-0.8732	-0.9979	-0.6269
693	693	41	ENV	Min	0.00	-0.0739	-0.1324	-0.6001
693	693	53	ENV	Min	0.00	-0.3974	-0.1610	-0.8138
693	693	685	ENV	Min	0.00	-0.8127	-0.1541	-0.6091
694	694	45	ENV	Max	0.00	1.1538	4.5716	0.4165
694	694	686	ENV	Max	0.00	0.5549	1.2197	0.5886
694	694	687	ENV	Max	0.00	1.3916	0.2030	0.5102
694	694	59	ENV	Max	0.00	3.1501	3.6130	0.8671
694	694	45	ENV	Min	0.00	-1.7158	-5.1293	-0.4879
694	694	686	ENV	Min	0.00	-0.6818	-1.7381	-0.2749
694	694	687	ENV	Min	0.00	-0.9617	-0.7056	-0.7723
694	694	59	ENV	Min	0.00	-1.8898	-1.0948	-1.5144
695	695	686	ENV	Max	0.00	3.1390	1.8425	0.2692
695	695	688	ENV	Max	0.00	0.7044	0.9207	0.3185
695	695	689	ENV	Max	0.00	0.0607	0.1562	0.3108
695	695	687	ENV	Max	0.00	0.9934	0.3907	0.3107
695	695	686	ENV	Min	0.00	-1.7033	-2.0485	-0.4690
695	695	688	ENV	Min	0.00	-0.1220	-1.2485	-1.0212

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Area	AreaElem	Joint	OutputCase	StepType	FVM	M11	M22	M12
					KN/m	KN-m/m	KN-m/m	KN-m/m
695	695	689	ENV	Min	0.00	-0.2288	-0.1024	-0.8697
695	695	687	ENV	Min	0.00	-1.1116	-1.0028	-0.3666
696	696	688	ENV	Max	0.00	0.0237	0.6616	0.2159
696	696	43	ENV	Max	0.00	0.4521	0.1050	0.1797
696	696	51	ENV	Max	0.00	1.9970	0.2762	0.2904
696	696	689	ENV	Max	0.00	0.2750	0.2369	0.3888
696	696	688	ENV	Min	0.00	-0.9286	-1.2868	-0.8337
696	696	43	ENV	Min	0.00	-0.9212	-0.0561	-0.1554
696	696	51	ENV	Min	0.00	-0.5294	-0.0877	-0.1879
696	696	689	ENV	Min	0.00	-9.011E-05	-0.0945	-0.9283
818	818	520	ENV	Max	0.00	6.8450	9.4454	3.1841
818	818	809	ENV	Max	0.00	7.9793	2.8865	1.8376
818	818	665	ENV	Max	0.00	67.9288	29.8597	7.1316
818	818	26	ENV	Max	0.00	12.3425	15.2495	7.3031
818	818	520	ENV	Min	0.00	-2.1348	-4.7831	-7.3070
818	818	809	ENV	Min	0.00	-22.7090	-4.1749	-0.7713
818	818	665	ENV	Min	0.00	-23.5362	-13.4349	-7.0977
818	818	26	ENV	Min	0.00	-37.2011	-9.9693	-12.4585
819	819	809	ENV	Max	0.00	14.0042	4.7013	3.0541
819	819	808	ENV	Max	0.00	1.9565	10.4306	4.9342
819	819	29	ENV	Max	0.00	13.0015	24.9657	8.7740
819	819	665	ENV	Max	0.00	32.4085	15.5276	5.0190
819	819	809	ENV	Min	0.00	-4.6581	-1.1746	-2.1448
819	819	808	ENV	Min	0.00	-5.6715	-12.1184	-13.9693
819	819	29	ENV	Min	0.00	-4.5437	-32.9804	-22.1080
819	819	665	ENV	Min	0.00	-87.5087	-19.0013	-8.4087
1942	1942	25	ENV	Max	0.00	32.4336	10.9894	27.2635
1942	1942	1694	ENV	Max	0.00	126.5818	34.9977	18.9269
1942	1942	1695	ENV	Max	0.00	109.8849	196.4535	28.0234
1942	1942	512	ENV	Max	0.00	40.9250	54.3859	58.4698
1942	1942	25	ENV	Min	0.00	-83.9128	-16.6774	-8.5346
1942	1942	1694	ENV	Min	0.00	-53.6639	-17.8526	-41.4103
1942	1942	1695	ENV	Min	0.00	-341.2434	-252.1744	-47.3887
1942	1942	512	ENV	Min	0.00	-11.1416	-74.3260	-36.6228
1943	1943	1694	ENV	Max	0.00	52.1166	24.1304	22.0707
1943	1943	799	ENV	Max	0.00	31.7009	33.2691	34.1564
1943	1943	800	ENV	Max	0.00	21.7525	123.7390	47.7292
1943	1943	1695	ENV	Max	0.00	270.0461	240.0169	29.1482
1943	1943	1694	ENV	Min	0.00	-150.7226	-41.2901	-52.1886
1943	1943	799	ENV	Min	0.00	-13.2809	-26.1835	-23.0192
1943	1943	800	ENV	Min	0.00	-38.7446	-110.8650	-30.8409
1943	1943	1695	ENV	Min	0.00	-118.6819	-219.1932	-53.5150
1944	1944	512	ENV	Max	0.00	43.0429	39.9442	27.1020
1944	1944	1695	ENV	Max	0.00	125.3791	243.9175	53.9213
1944	1944	1696	ENV	Max	0.00	62.8077	46.7693	41.4462
1944	1944	513	ENV	Max	0.00	16.1269	35.6747	13.6475
1944	1944	512	ENV	Min	0.00	-12.4622	-55.8975	-43.1974
1944	1944	1695	ENV	Min	0.00	-360.5863	-318.8816	-31.5229
1944	1944	1696	ENV	Min	0.00	-25.8731	-29.2249	-19.8773
1944	1944	513	ENV	Min	0.00	-43.4315	-33.0002	-30.5724
1945	1945	1695	ENV	Max	0.00	256.2282	265.9788	48.3801

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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
1945	1945	800	ENV	Max	0.00	16.4218	118.6328	32.0131
1945	1945	801	ENV	Max	0.00	17.0976	64.1462	20.6379
1945	1945	1696	ENV	Max	0.00	32.1518	33.7222	58.4460
1945	1945	1695	ENV	Min	0.00	-108.7126	-264.3984	-21.7289
1945	1945	800	ENV	Min	0.00	-31.5129	-96.2539	-39.3405
1945	1945	801	ENV	Min	0.00	-7.5460	-76.7615	-21.7650
1945	1945	1696	ENV	Min	0.00	-86.2302	-34.3804	-25.5944
1946	1946	513	ENV	Max	0.00	16.4632	21.1157	12.9911
1946	1946	1696	ENV	Max	0.00	63.9969	20.2628	8.5072
1946	1946	1697	ENV	Max	0.00	8.7556	3.2889	1.6370
1946	1946	514	ENV	Max	0.00	5.8330	9.9811	7.4772
1946	1946	513	ENV	Min	0.00	-43.7709	-18.4570	-8.9488
1946	1946	1696	ENV	Min	0.00	-27.5548	-5.1808	-7.8987
1946	1946	1697	ENV	Min	0.00	-23.2222	-3.8355	-1.6466
1946	1946	514	ENV	Min	0.00	-1.8863	-4.3169	-4.0531
1947	1947	1696	ENV	Max	0.00	33.2797	9.5551	11.9449
1947	1947	801	ENV	Max	0.00	16.5695	36.5852	24.4681
1947	1947	802	ENV	Max	0.00	2.3744	9.9677	15.4805
1947	1947	1697	ENV	Max	0.00	11.9801	4.5077	2.6857
1947	1947	1696	ENV	Min	0.00	-87.8507	-12.6757	-6.5866
1947	1947	801	ENV	Min	0.00	-6.2033	-45.1277	-10.0540
1947	1947	802	ENV	Min	0.00	-6.4148	-11.8930	-5.8023
1947	1947	1697	ENV	Min	0.00	-4.2419	-0.6133	-2.0635
1948	1948	514	ENV	Max	0.00	5.9187	8.2640	1.7611
1948	1948	1697	ENV	Max	0.00	8.6539	5.6643	3.9009
1948	1948	1698	ENV	Max	0.00	2.9993	4.6387	2.6882
1948	1948	515	ENV	Max	0.00	1.1271	3.2028	1.0798
1948	1948	514	ENV	Min	0.00	-1.9503	-2.4913	-2.0304
1948	1948	1697	ENV	Min	0.00	-22.9817	-5.5167	-1.8823
1948	1948	1698	ENV	Min	0.00	-1.0735	-3.4073	-1.1549
1948	1948	515	ENV	Min	0.00	-2.7786	-2.4111	-1.8344
1949	1949	1697	ENV	Max	0.00	12.2008	8.3177	5.6390
1949	1949	802	ENV	Max	0.00	2.5368	6.7982	3.7540
1949	1949	803	ENV	Max	0.00	2.2368	4.5283	1.4510
1949	1949	1698	ENV	Max	0.00	2.1163	4.0339	3.3335
1949	1949	1697	ENV	Min	0.00	-4.3238	-3.7292	-2.2287
1949	1949	802	ENV	Min	0.00	-6.8204	-9.9396	-1.4358
1949	1949	803	ENV	Min	0.00	-0.8372	-4.5295	-0.5239
1949	1949	1698	ENV	Min	0.00	-5.6315	-3.8907	-1.3144
1950	1950	515	ENV	Max	0.00	1.1244	3.3313	0.7185
1950	1950	1698	ENV	Max	0.00	3.0416	4.7573	0.5888
1950	1950	1699	ENV	Max	0.00	0.5469	1.0879	0.1974
1950	1950	516	ENV	Max	0.00	0.5724	1.0179	0.3372
1950	1950	515	ENV	Min	0.00	-2.7581	-2.4507	-0.4463
1950	1950	1698	ENV	Min	0.00	-1.0884	-3.3889	-0.4202
1950	1950	1699	ENV	Min	0.00	-1.5449	-1.3422	-0.1189
1950	1950	516	ENV	Min	0.00	-0.2319	-0.8179	-0.1552
1951	1951	1698	ENV	Max	0.00	2.1016	4.0865	0.9393
1951	1951	803	ENV	Max	0.00	2.1294	4.4560	1.5425
1951	1951	804	ENV	Max	0.00	0.2541	1.1597	0.9093
1951	1951	1699	ENV	Max	0.00	0.7635	1.2042	0.2674

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

Area	AreaElem	Joint	OutputCase	StepType	FVM KN/m	M11 KN-m/m	M22 KN-m/m	M12 KN-m/m
1951	1951	1698	ENV	Min	0.00	-5.5894	-3.8064	-0.3773
1951	1951	803	ENV	Min	0.00	-0.7951	-4.7836	-0.5341
1951	1951	804	ENV	Min	0.00	-0.6980	-1.5713	-0.2993
1951	1951	1699	ENV	Min	0.00	-0.3117	-1.1686	-0.1039
1952	1952	516	ENV	Max	0.00	0.5725	1.0284	0.0234
1952	1952	1699	ENV	Max	0.00	0.5416	1.1117	0.1786
1952	1952	1700	ENV	Max	0.00	0.3504	0.0447	0.1539
1952	1952	517	ENV	Max	0.00	0.1079	-0.0137	0.0556
1952	1952	516	ENV	Min	0.00	-0.2321	-0.8285	-0.0253
1952	1952	1699	ENV	Min	0.00	-1.5291	-1.3133	-0.0525
1952	1952	1700	ENV	Min	0.00	-0.1493	-0.1961	-0.0672
1952	1952	517	ENV	Min	0.00	-0.3874	-0.1877	-0.0969
1953	1953	1699	ENV	Max	0.00	0.7800	1.2464	0.3313
1953	1953	804	ENV	Max	0.00	0.2665	1.1604	0.2713
1953	1953	805	ENV	Max	0.00	0.3688	-0.0290	0.1881
1953	1953	1700	ENV	Max	0.00	0.2104	-0.0163	0.1752
1953	1953	1699	ENV	Min	0.00	-0.3177	-1.1581	-0.1083
1953	1953	804	ENV	Min	0.00	-0.7298	-1.6686	-0.0924
1953	1953	805	ENV	Min	0.00	-0.1248	-0.2937	-0.1373
1953	1953	1700	ENV	Min	0.00	-0.7147	-0.2761	-0.0803
1954	1954	517	ENV	Max	0.00	0.1079	-0.0123	0.1213
1954	1954	1700	ENV	Max	0.00	0.3519	0.0530	0.0854
1954	1954	1701	ENV	Max	0.00	0.4609	0.5446	0.0498
1954	1954	518	ENV	Max	0.00	0.5942	0.6134	0.0659
1954	1954	517	ENV	Min	0.00	-0.3874	-0.1888	-0.0662
1954	1954	1700	ENV	Min	0.00	-0.1500	-0.2006	-0.1459
1954	1954	1701	ENV	Min	0.00	-1.4516	-0.8585	-0.1466
1954	1954	518	ENV	Min	0.00	-0.2343	-0.5323	-0.0472
1955	1955	1700	ENV	Max	0.00	0.2101	-0.0102	0.1016
1955	1955	805	ENV	Max	0.00	0.3661	-0.0218	0.1634
1955	1955	806	ENV	Max	0.00	0.2454	0.5449	0.1200
1955	1955	1701	ENV	Max	0.00	0.9027	0.7216	0.0874
1955	1955	1700	ENV	Min	0.00	-0.7136	-0.2784	-0.1554
1955	1955	805	ENV	Min	0.00	-0.1235	-0.3079	-0.1496
1955	1955	806	ENV	Min	0.00	-0.7018	-1.0629	-0.2147
1955	1955	1701	ENV	Min	0.00	-0.3506	-0.7270	-0.2497
1956	1956	518	ENV	Max	0.00	0.5953	0.6122	0.0860
1956	1956	1701	ENV	Max	0.00	0.4648	0.5271	0.0447
1956	1956	1702	ENV	Max	0.00	3.6498	3.6439	0.2196
1956	1956	519	ENV	Max	0.00	0.9234	2.3450	0.2075
1956	1956	518	ENV	Min	0.00	-0.2344	-0.5264	-0.2912
1956	1956	1701	ENV	Min	0.00	-1.4633	-0.8798	-0.0378
1956	1956	1702	ENV	Min	0.00	-1.2624	-2.6000	-0.2844
1956	1956	519	ENV	Min	0.00	-2.5471	-1.9390	-0.4843
1957	1957	1701	ENV	Max	0.00	0.8908	0.6803	0.0041
1957	1957	806	ENV	Max	0.00	0.2379	0.5435	0.2401
1957	1957	807	ENV	Max	0.00	2.0214	3.1415	0.3755
1957	1957	1702	ENV	Max	0.00	1.8250	2.8057	0.1722
1957	1957	1701	ENV	Min	0.00	-0.3465	-0.7244	-0.0459
1957	1957	806	ENV	Min	0.00	-0.6805	-0.9924	-0.7412
1957	1957	807	ENV	Min	0.00	-0.7197	-3.4931	-1.1766

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Area	AreaElem	Joint	OutputCase	StepType	FVM	M11	M22	M12
					KN/m	KN-m/m	KN-m/m	KN-m/m
1957	1957	1702	ENV	Min	0.00	-5.3149	-2.9373	-0.5140
1958	1958	519	ENV	Max	0.00	0.9204	2.2082	1.5168
1958	1958	1702	ENV	Max	0.00	3.6186	3.6259	0.8392
1958	1958	809	ENV	Max	0.00	7.8300	5.1340	1.2926
1958	1958	520	ENV	Max	0.00	6.8671	8.0192	1.4486
1958	1958	519	ENV	Min	0.00	-2.5561	-1.8626	-0.7049
1958	1958	1702	ENV	Min	0.00	-1.2524	-2.6880	-2.2661
1958	1958	809	ENV	Min	0.00	-22.4484	-5.8663	-3.1455
1958	1958	520	ENV	Min	0.00	-2.1089	-3.1168	-1.0627
1959	1959	1702	ENV	Max	0.00	1.8363	2.8589	0.9752
1959	1959	807	ENV	Max	0.00	2.1012	3.0710	0.1640
1959	1959	808	ENV	Max	0.00	2.1973	6.5844	0.9224
1959	1959	809	ENV	Max	0.00	14.2797	8.1934	1.7256
1959	1959	1702	ENV	Min	0.00	-5.3474	-3.0965	-2.8052
1959	1959	807	ENV	Min	0.00	-0.7478	-3.1645	-0.5197
1959	1959	808	ENV	Min	0.00	-6.1346	-9.3841	-2.3677
1959	1959	809	ENV	Min	0.00	-4.8224	-4.1106	-4.6452
1960	1960	42	ENV	Max	0.00	4.2167	23.7180	7.1171
1960	1960	40	ENV	Max	0.00	47.7745	44.1305	3.2260
1960	1960	44	ENV	Max	0.00	9.5936	13.4813	1.5822
1960	1960	45	ENV	Max	0.00	6.6014	3.8336	4.2357
1960	1960	42	ENV	Min	0.00	-3.4578	-0.8651	-8.2049
1960	1960	40	ENV	Min	0.00	-14.5401	-11.6959	-12.8893
1960	1960	44	ENV	Min	0.00	-23.8957	-1.5611	-8.2311
1960	1960	45	ENV	Min	0.00	-5.0191	-1.0836	-2.3091
1961	1961	40	ENV	Max	0.00	20.5052	31.9599	2.2151
1961	1961	21	ENV	Max	0.00	4.5008	9.1599	9.8783
1961	1961	3	ENV	Max	0.00	8.6967	36.5776	4.4714
1961	1961	44	ENV	Max	0.00	11.0659	17.7142	0.6004
1961	1961	40	ENV	Min	0.00	-54.1756	-12.9062	-8.4310
1961	1961	21	ENV	Min	0.00	-13.8953	-16.9101	-6.6717
1961	1961	3	ENV	Min	0.00	-0.6639	-22.5930	-8.6566
1961	1961	44	ENV	Min	0.00	-11.5790	-3.0362	-14.2082
1962	1962	45	ENV	Max	0.00	8.3963	12.2178	1.0922
1962	1962	44	ENV	Max	0.00	10.0567	14.3517	4.5330
1962	1962	680	ENV	Max	0.00	1.8556	0.6329	5.8237
1962	1962	686	ENV	Max	0.00	-0.1825	0.4327	2.6896
1962	1962	45	ENV	Min	0.00	-6.7535	-9.1651	-2.2664
1962	1962	44	ENV	Min	0.00	-24.0495	-0.8856	-0.8646
1962	1962	680	ENV	Min	0.00	-0.6311	-2.9323	-0.5713
1962	1962	686	ENV	Min	0.00	-2.1112	-1.4809	-2.2797
1963	1963	686	ENV	Max	0.00	0.3377	3.3962	2.7117
1963	1963	680	ENV	Max	0.00	1.4414	1.0475	2.3869
1963	1963	684	ENV	Max	0.00	1.1866	0.1699	1.4408
1963	1963	688	ENV	Max	0.00	1.3695	0.6875	1.4880
1963	1963	686	ENV	Min	0.00	-2.0364	-1.4695	-0.5674
1963	1963	680	ENV	Min	0.00	-0.5900	-5.2121	-0.2556
1963	1963	684	ENV	Min	0.00	-2.2369	-2.4742	-0.3742
1963	1963	688	ENV	Min	0.00	-1.4042	-1.6030	-0.4082
1964	1964	688	ENV	Max	0.00	1.2636	-0.0059	1.2477
1964	1964	684	ENV	Max	0.00	1.0991	-0.1191	1.3046

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Area	AreaElem	Joint	OutputCase	StepType	FVM	M11	M22	M12
					KN/m	KN-m/m	KN-m/m	KN-m/m
1964	1964	41	ENV	Max	0.00	0.1570	0.6841	1.3601
1964	1964	43	ENV	Max	0.00	0.1199	0.2488	1.3333
1964	1964	688	ENV	Min	0.00	-1.3390	-1.1130	-0.4353
1964	1964	684	ENV	Min	0.00	-1.8673	-0.7746	-0.4305
1964	1964	41	ENV	Min	0.00	-0.1684	0.0788	-0.3517
1964	1964	43	ENV	Min	0.00	-0.1759	-0.1135	-0.3866
1966	1966	24	ENV	Max	0.00	146.6295	59.3861	41.0898
1966	1966	532	ENV	Max	0.00	125.2184	247.2270	73.0044
1966	1966	1748	ENV	Max	0.00	119.1017	31.8070	55.7937
1966	1966	17	ENV	Max	0.00	87.6619	11.7804	13.6218
1966	1966	24	ENV	Min	0.00	-29.5822	-86.3354	-71.0643
1966	1966	532	ENV	Min	0.00	-499.5208	-380.5779	-34.7696
1966	1966	1748	ENV	Min	0.00	-71.0779	-11.6089	-17.8219
1966	1966	17	ENV	Min	0.00	-62.7436	-2.9213	-43.8593
1967	1967	532	ENV	Max	0.00	284.1019	277.9192	69.3815
1967	1967	534	ENV	Max	0.00	24.8745	81.8828	39.1976
1967	1967	1749	ENV	Max	0.00	74.6402	20.3684	15.6794
1967	1967	1748	ENV	Max	0.00	68.7458	15.4559	71.8562
1967	1967	532	ENV	Min	0.00	-121.2280	-303.8349	-28.7083
1967	1967	534	ENV	Min	0.00	-63.0955	-76.5147	-59.4941
1967	1967	1749	ENV	Min	0.00	-26.3623	-11.9828	-24.8823
1967	1967	1748	ENV	Min	0.00	-253.1401	-41.7414	-20.0893
1968	1968	534	ENV	Max	0.00	14.7223	86.1542	3.9946
1968	1968	536	ENV	Max	0.00	2.8547	14.3063	2.3367
1968	1968	1750	ENV	Max	0.00	9.2026	5.4438	11.9780
1968	1968	1749	ENV	Max	0.00	28.8627	15.4348	15.5655
1968	1968	534	ENV	Min	0.00	-27.2732	-75.6520	-8.6503
1968	1968	536	ENV	Min	0.00	-0.5532	-13.9569	-1.0578
1968	1968	1750	ENV	Min	0.00	-12.5948	-6.0000	-12.8813
1968	1968	1749	ENV	Min	0.00	-12.1531	-13.3629	-22.4034
1969	1969	536	ENV	Max	0.00	3.0222	14.0266	4.2097
1969	1969	538	ENV	Max	0.00	1.7423	5.1023	2.3625
1969	1969	1751	ENV	Max	0.00	1.0847	1.9488	0.0963
1969	1969	1750	ENV	Max	0.00	9.9377	5.7127	1.8636
1969	1969	536	ENV	Min	0.00	-2.9928	-14.1316	-4.0131
1969	1969	538	ENV	Min	0.00	-1.6339	-4.9827	-2.2996
1969	1969	1751	ENV	Min	0.00	-0.9638	-1.9507	-0.0221
1969	1969	1750	ENV	Min	0.00	-10.4948	-5.7019	-1.6558
1970	1970	538	ENV	Max	0.00	1.5773	5.0703	0.2298
1970	1970	540	ENV	Max	0.00	0.1498	0.9655	0.1420
1970	1970	1752	ENV	Max	0.00	0.1694	0.6077	0.4527
1970	1970	1751	ENV	Max	0.00	1.5570	1.8466	0.7878
1970	1970	538	ENV	Min	0.00	-1.4334	-4.9435	-0.1815
1970	1970	540	ENV	Min	0.00	-0.1795	-0.9962	-0.1170
1970	1970	1752	ENV	Min	0.00	-0.2484	-0.6027	-0.4418
1970	1970	1751	ENV	Min	0.00	-1.4846	-1.8583	-0.7536
1971	1971	540	ENV	Max	0.00	0.1948	0.9746	0.1158
1971	1971	542	ENV	Max	0.00	-0.0281	0.4738	0.0522
1971	1971	1753	ENV	Max	0.00	-0.0190	0.3103	0.0569
1971	1971	1752	ENV	Max	0.00	0.2729	0.6285	0.0461
1971	1971	540	ENV	Min	0.00	-0.2311	-1.0067	-0.1267

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Area	AreaElem	Joint	OutputCase	StepType	FVM KN/m	M11 KN-m/m	M22 KN-m/m	M12 KN-m/m
1971	1971	542	ENV	Min	0.00	-0.2183	-0.5465	-0.0937
1971	1971	1753	ENV	Min	0.00	-0.2990	-0.3109	-0.0903
1971	1971	1752	ENV	Min	0.00	-0.3466	-0.6225	-0.0489
1972	1972	542	ENV	Max	0.00	-0.0254	0.4738	0.0543
1972	1972	544	ENV	Max	0.00	0.4674	0.7203	0.0932
1972	1972	1754	ENV	Max	0.00	0.4033	0.5310	0.0385
1972	1972	1753	ENV	Max	0.00	-0.0188	0.3107	0.0360
1972	1972	542	ENV	Min	0.00	-0.2260	-0.5475	-0.1147
1972	1972	544	ENV	Min	0.00	-0.3065	-0.7468	-0.1851
1972	1972	1754	ENV	Min	0.00	-0.2979	-0.5511	-0.1564
1972	1972	1753	ENV	Min	0.00	-0.2964	-0.3107	-0.1224
1973	1973	544	ENV	Max	0.00	0.4485	0.7098	-9.981E-04
1973	1973	546	ENV	Max	0.00	4.1069	3.9109	0.3199
1973	1973	1755	ENV	Max	0.00	4.6667	1.6183	0.6434
1973	1973	1754	ENV	Max	0.00	0.3398	0.5099	0.3216
1973	1973	544	ENV	Min	0.00	-0.2920	-0.7372	-0.0451
1973	1973	546	ENV	Min	0.00	-1.1335	-3.5755	-0.2925
1973	1973	1755	ENV	Min	0.00	-1.3585	-1.5804	-0.7616
1973	1973	1754	ENV	Min	0.00	-0.2616	-0.5355	-0.5134
1974	1974	546	ENV	Max	0.00	4.0519	3.9326	1.9868
1974	1974	548	ENV	Max	0.00	10.0625	9.6415	3.6231
1974	1974	1756	ENV	Max	0.00	12.5666	5.1728	2.0536
1974	1974	1755	ENV	Max	0.00	4.6008	1.7054	0.4269
1974	1974	546	ENV	Min	0.00	-1.1526	-3.6120	-1.6414
1974	1974	548	ENV	Min	0.00	-1.9988	-9.3267	-3.1079
1974	1974	1756	ENV	Min	0.00	-4.3651	-5.4298	-1.9685
1974	1974	1755	ENV	Min	0.00	-1.2825	-1.6655	-0.5115
1975	1975	548	ENV	Max	0.00	6.0017	9.1389	2.2555
1975	1975	27	ENV	Max	0.00	14.4085	56.4289	5.0057
1975	1975	1757	ENV	Max	0.00	18.6404	13.4387	13.0345
1975	1975	1756	ENV	Max	0.00	15.7482	5.2157	9.3429
1975	1975	548	ENV	Min	0.00	-0.8426	-9.4050	-0.6705
1975	1975	27	ENV	Min	0.00	-7.0826	-78.4000	-11.2602
1975	1975	1757	ENV	Min	0.00	-47.4331	-15.0750	-22.2873
1975	1975	1756	ENV	Min	0.00	-3.8518	-4.7337	-10.7562
1976	1976	27	ENV	Max	0.00	29.9552	56.3043	37.3023
1976	1976	682	ENV	Max	0.00	90.4688	192.3352	47.3746
1976	1976	1758	ENV	Max	0.00	117.0235	35.8443	40.7631
1976	1976	1757	ENV	Max	0.00	28.6793	11.5299	6.7605
1976	1976	27	ENV	Min	0.00	-6.4346	-75.0365	-56.6463
1976	1976	682	ENV	Min	0.00	-313.7723	-251.3565	-27.4696
1976	1976	1758	ENV	Min	0.00	-48.8655	-18.8415	-19.0000
1976	1976	1757	ENV	Min	0.00	-76.9225	-17.0562	-24.2464
1977	1977	682	ENV	Max	0.00	247.9476	241.6126	53.3172
1977	1977	30	ENV	Max	0.00	21.1439	123.4309	30.9223
1977	1977	1747	ENV	Max	0.00	26.9523	34.5446	24.1051
1977	1977	1758	ENV	Max	0.00	44.0721	25.6490	49.1972
1977	1977	682	ENV	Min	0.00	-107.1466	-227.8130	-30.1419
1977	1977	30	ENV	Min	0.00	-33.8073	-107.2500	-46.7130
1977	1977	1747	ENV	Min	0.00	-11.5285	-28.6120	-32.6300
1977	1977	1758	ENV	Min	0.00	-139.7161	-41.4065	-18.7561

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Area	AreaElem	Joint	OutputCase	StepType	FVM	M11	M22	M12
					KN/m	KN-m/m	KN-m/m	KN-m/m
1978	1978	24	ENV	Max	0.00	58.9108	113.2458	16.7090
1978	1978	17	ENV	Max	0.00	16.9716	60.8306	25.6796
1978	1978	2386	ENV	Max	0.00	23.0827	15.9261	9.5357
1978	1978	2385	ENV	Max	0.00	11.2035	5.9787	6.8851
1978	1978	24	ENV	Min	0.00	-88.8878	-20.1180	-5.8264
1978	1978	17	ENV	Min	0.00	-7.3930	-21.8629	-9.2349
1978	1978	2386	ENV	Min	0.00	-29.7043	-2.7017	-4.4295
1978	1978	2385	ENV	Min	0.00	-17.0950	-9.8903	-7.3410
1979	1979	2385	ENV	Max	0.00	12.7238	16.7711	1.9675
1979	1979	2386	ENV	Max	0.00	19.5497	6.9374	3.8971
1979	1979	2387	ENV	Max	0.00	18.7598	2.7512	-0.4297
1979	1979	2384	ENV	Max	0.00	2.6675	-1.1558	0.6934
1979	1979	2385	ENV	Min	0.00	-16.2475	-8.8436	-1.8762
1979	1979	2386	ENV	Min	0.00	-30.9476	-17.5942	-4.0336
1979	1979	2387	ENV	Min	0.00	-20.4292	-2.5550	-2.7311
1979	1979	2384	ENV	Min	0.00	-18.1902	-6.4816	-3.6265
1980	1980	2384	ENV	Max	0.00	2.7334	-1.8863	-0.2812
1980	1980	2387	ENV	Max	0.00	19.9436	8.7590	-0.3006
1980	1980	2388	ENV	Max	0.00	23.9195	7.0145	1.6029
1980	1980	2383	ENV	Max	0.00	-1.4287	0.1706	1.5497
1980	1980	2384	ENV	Min	0.00	-18.0481	-4.7106	-1.2952
1980	1980	2387	ENV	Min	0.00	-21.5432	-8.2140	-1.5578
1980	1980	2388	ENV	Min	0.00	-22.0758	-4.3406	-2.0408
1980	1980	2383	ENV	Min	0.00	-17.7791	-2.9192	-1.7055
1981	1981	2383	ENV	Max	0.00	-1.2504	1.0048	1.0648
1981	1981	2388	ENV	Max	0.00	22.8222	1.7650	1.5612
1981	1981	2389	ENV	Max	0.00	23.3961	5.4142	0.6469
1981	1981	2382	ENV	Max	0.00	1.5068	0.5459	0.4577
1981	1981	2383	ENV	Min	0.00	-17.9273	-3.6029	-1.1005
1981	1981	2388	ENV	Min	0.00	-21.4081	-1.2386	-1.5733
1981	1981	2389	ENV	Min	0.00	-21.6194	-3.1203	-0.6627
1981	1981	2382	ENV	Min	0.00	-20.6088	-3.4069	-0.4971
1982	1982	2382	ENV	Max	0.00	1.5603	0.7371	0.3958
1982	1982	2389	ENV	Max	0.00	23.5343	6.0766	0.8825
1982	1982	65	ENV	Max	0.00	23.6869	6.3191	1.1152
1982	1982	487	ENV	Max	0.00	3.3074	1.1658	0.6339
1982	1982	2382	ENV	Min	0.00	-20.6321	-3.4472	-0.3663
1982	1982	2389	ENV	Min	0.00	-21.9421	-4.7060	-0.5798
1982	1982	65	ENV	Min	0.00	-21.8603	-3.8352	-0.5857
1982	1982	487	ENV	Min	0.00	-20.7184	-3.4777	-0.3775
1983	1983	487	ENV	Max	0.00	3.3886	1.5658	0.7186
1983	1983	65	ENV	Max	0.00	23.3552	4.6851	1.4604
1983	1983	2390	ENV	Max	0.00	23.3515	5.1828	1.3987
1983	1983	2381	ENV	Max	0.00	5.6669	3.0018	0.7333
1983	1983	487	ENV	Min	0.00	-20.8170	-3.9654	-0.3235
1983	1983	65	ENV	Min	0.00	-21.6704	-2.9103	-0.5614
1983	1983	2390	ENV	Min	0.00	-21.9699	-3.1413	-0.4442
1983	1983	2381	ENV	Min	0.00	-20.1427	-4.0567	-0.2828
1984	1984	2381	ENV	Max	0.00	5.5262	1.6266	0.7023
1984	1984	2390	ENV	Max	0.00	23.6051	6.5701	1.7268
1984	1984	2391	ENV	Max	0.00	22.5407	5.8835	2.1781

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Area	AreaElem	Joint	OutputCase	StepType	FVM	M11	M22	M12
					KN/m	KN-m/m	KN-m/m	KN-m/m
1984	1984	2380	ENV	Max	0.00	8.8193	2.9953	1.1461
1984	1984	2381	ENV	Min	0.00	-20.1905	-3.6243	-0.2367
1984	1984	2390	ENV	Min	0.00	-22.2356	-4.5892	-0.4761
1984	1984	2391	ENV	Min	0.00	-22.2606	-3.7714	-0.6075
1984	1984	2380	ENV	Min	0.00	-18.4832	-3.6965	-0.3606
1985	1985	2380	ENV	Max	0.00	8.6976	2.2342	1.5937
1985	1985	2391	ENV	Max	0.00	22.4977	5.9911	2.5702
1985	1985	2392	ENV	Max	0.00	21.0713	3.3682	2.2529
1985	1985	2379	ENV	Max	0.00	17.9485	11.4483	1.4025
1985	1985	2380	ENV	Min	0.00	-18.5054	-3.6548	-0.5728
1985	1985	2391	ENV	Min	0.00	-22.2200	-3.8906	-0.6471
1985	1985	2392	ENV	Min	0.00	-23.1789	-3.3356	-0.7523
1985	1985	2379	ENV	Min	0.00	-20.6282	-7.9175	-0.8042
1986	1986	2379	ENV	Max	0.00	16.7687	5.5441	1.8013
1986	1986	2392	ENV	Max	0.00	21.4423	6.6250	2.9754
1986	1986	2393	ENV	Max	0.00	23.8182	7.5114	3.9291
1986	1986	2378	ENV	Max	0.00	18.3879	15.9308	2.7785
1986	1986	2379	ENV	Min	0.00	-20.1758	-5.6503	-1.5425
1986	1986	2392	ENV	Min	0.00	-23.2089	-4.8876	-1.9802
1986	1986	2393	ENV	Min	0.00	-26.8900	-5.9113	-3.3647
1986	1986	2378	ENV	Min	0.00	-15.8173	-9.5373	-2.9504
1987	1987	2378	ENV	Max	0.00	18.1416	14.7051	3.8423
1987	1987	2393	ENV	Max	0.00	23.7655	8.4467	6.5349
1987	1987	3	ENV	Max	0.00	37.4046	3.0216	8.0779
1987	1987	21	ENV	Max	0.00	9.0937	8.5249	5.3938
1987	1987	2378	ENV	Min	0.00	-15.9475	-10.1941	-5.0652
1987	1987	2393	ENV	Min	0.00	-26.4231	-4.7752	-6.4174
1987	1987	3	ENV	Min	0.00	-25.4049	-2.7663	-9.1904
1987	1987	21	ENV	Min	0.00	-16.4213	-5.8671	-7.8468
1989	1989	41	ENV	Max	0.00	0.2749	-0.0983	0.5477
1989	1989	43	ENV	Max	0.00	0.0712	-0.0329	0.6687
1989	1989	51	ENV	Max	0.00	0.6014	0.2623	0.6138
1989	1989	53	ENV	Max	0.00	2.1934	0.7961	0.5398
1989	1989	41	ENV	Min	0.00	-0.7574	-0.2104	-0.3249
1989	1989	43	ENV	Min	0.00	-0.5141	-0.3827	-0.0460
1989	1989	51	ENV	Min	0.00	-1.9414	-0.6229	-0.0686
1989	1989	53	ENV	Min	0.00	-0.3556	-0.0413	-0.3944
1996	1996	354	ENV	Max	0.00	21.5314	80.9222	6.4648
1996	1996	66	ENV	Max	0.00	41.7925	70.8170	11.2947
1996	1996	1794	ENV	Max	0.00	7.4270	3.1410	9.3818
1996	1996	353	ENV	Max	0.00	1.1170	33.2384	8.4559
1996	1996	354	ENV	Min	0.00	-9.7428	-42.1011	-15.5013
1996	1996	66	ENV	Min	0.00	-27.0401	-23.1521	-7.9537
1996	1996	1794	ENV	Min	0.00	-10.8372	-13.3434	-7.2552
1996	1996	353	ENV	Min	0.00	-4.5861	-29.6786	-18.7068
1997	1997	353	ENV	Max	0.00	12.4006	35.6445	1.9803
1997	1997	1794	ENV	Max	0.00	2.9325	3.4052	3.7955
1997	1997	1795	ENV	Max	0.00	2.6760	8.5458	2.3016
1997	1997	352	ENV	Max	0.00	6.6575	36.2263	3.3312
1997	1997	353	ENV	Min	0.00	-8.4775	-30.6062	-4.0726
1997	1997	1794	ENV	Min	0.00	-9.0589	-14.1509	-9.3872

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Area	AreaElem	Joint	OutputCase	StepType	FVM	M11	M22	M12
					KN/m	KN-m/m	KN-m/m	KN-m/m
1997	1997	1795	ENV	Min	0.00	-3.1061	-3.6068	-6.3212
1997	1997	352	ENV	Min	0.00	-3.5248	-4.4549	-2.0107
1998	1998	352	ENV	Max	0.00	7.8466	36.4866	1.5647
1998	1998	1795	ENV	Max	0.00	1.3525	8.2078	1.2476
1998	1998	1796	ENV	Max	0.00	1.0597	5.8633	0.8549
1998	1998	351	ENV	Max	0.00	7.1305	40.8621	1.4751
1998	1998	352	ENV	Min	0.00	-3.4956	-4.7198	-2.2981
1998	1998	1795	ENV	Min	0.00	-2.3759	-3.3875	-3.0146
1998	1998	1796	ENV	Min	0.00	-0.5997	-0.6131	-2.2209
1998	1998	351	ENV	Min	0.00	-3.4161	-5.0597	-2.1140
1999	1999	351	ENV	Max	0.00	9.1117	41.2093	0.7487
1999	1999	1796	ENV	Max	0.00	1.2830	5.8122	0.9169
1999	1999	1797	ENV	Max	0.00	1.4972	7.8299	0.8874
1999	1999	350	ENV	Max	0.00	8.8747	42.7670	0.8037
1999	1999	351	ENV	Min	0.00	-3.0508	-5.0567	-1.1856
1999	1999	1796	ENV	Min	0.00	-1.2087	-0.4537	-1.6086
1999	1999	1797	ENV	Min	0.00	-0.9231	-1.1741	-0.9797
1999	1999	350	ENV	Min	0.00	-3.2416	-5.6608	-0.6411
2000	2000	350	ENV	Max	0.00	7.6706	42.5980	0.6110
2000	2000	1797	ENV	Max	0.00	1.6071	7.8728	0.8840
2000	2000	1798	ENV	Max	0.00	1.9568	8.2230	0.6124
2000	2000	349	ENV	Max	0.00	8.4303	43.4674	0.3577
2000	2000	350	ENV	Min	0.00	-3.4362	-5.4767	-0.5874
2000	2000	1797	ENV	Min	0.00	-0.7343	-1.1203	-0.9106
2000	2000	1798	ENV	Min	0.00	-1.1685	-1.2253	-0.9886
2000	2000	349	ENV	Min	0.00	-2.7164	-5.4951	-0.6836
2001	2001	349	ENV	Max	0.00	8.4951	43.4652	0.5169
2001	2001	1798	ENV	Max	0.00	1.4165	8.2467	0.6860
2001	2001	1799	ENV	Max	0.00	2.6007	8.4124	1.3446
2001	2001	348	ENV	Max	0.00	9.3290	44.1997	1.1623
2001	2001	349	ENV	Min	0.00	-3.2518	-5.9554	-0.8557
2001	2001	1798	ENV	Min	0.00	-0.4936	-1.1003	-1.1584
2001	2001	1799	ENV	Min	0.00	-1.6076	-0.9916	-1.5476
2001	2001	348	ENV	Min	0.00	-2.7345	-5.6213	-1.2317
2002	2002	348	ENV	Max	0.00	7.7264	43.8811	1.8448
2002	2002	1799	ENV	Max	0.00	1.7918	8.4905	1.4255
2002	2002	1800	ENV	Max	0.00	1.6319	7.5451	1.1551
2002	2002	347	ENV	Max	0.00	9.0692	44.3288	1.5553
2002	2002	348	ENV	Min	0.00	-3.6533	-5.8027	-2.2134
2002	2002	1799	ENV	Min	0.00	0.0840	-0.9201	-1.7548
2002	2002	1800	ENV	Min	0.00	-1.3100	-2.6923	-1.8660
2002	2002	347	ENV	Min	0.00	-1.8965	-4.2533	-2.3055
2003	2003	347	ENV	Max	0.00	7.6099	44.0370	1.9532
2003	2003	1800	ENV	Max	0.00	2.5208	7.6710	1.0402
2003	2003	1801	ENV	Max	0.00	5.7373	9.9636	2.7300
2003	2003	346	ENV	Max	0.00	13.1763	42.4929	1.3220
2003	2003	347	ENV	Min	0.00	-2.7958	-4.4813	-3.4346
2003	2003	1800	ENV	Min	0.00	-1.3991	-2.8515	-1.3405
2003	2003	1801	ENV	Min	0.00	-6.1018	-3.2879	-2.4053
2003	2003	346	ENV	Min	0.00	-7.3997	-23.8751	-2.1784
2004	2004	346	ENV	Max	0.00	6.2025	40.8374	6.8333

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Area	AreaElem	Joint	OutputCase	StepType	FVM KN/m	M11 KN-m/m	M22 KN-m/m	M12 KN-m/m
2004	2004	1801	ENV	Max	0.00	7.8296	10.2477	1.2788
2004	2004	1802	ENV	Max	0.00	6.2737	6.6202	2.8473
2004	2004	345	ENV	Max	0.00	17.6055	67.5861	8.0933
2004	2004	346	ENV	Min	0.00	-3.5940	-22.9854	-5.0237
2004	2004	1801	ENV	Min	0.00	-7.3999	-3.4130	-2.2687
2004	2004	1802	ENV	Min	0.00	-3.2637	-2.3601	-4.1265
2004	2004	345	ENV	Min	0.00	-6.7175	-23.9482	-6.5730
2005	2005	345	ENV	Max	0.00	12.3723	66.4479	7.6362
2005	2005	1802	ENV	Max	0.00	7.7071	6.7841	3.9757
2005	2005	1792	ENV	Max	0.00	1.2262	13.0413	3.9796
2005	2005	344	ENV	Max	0.00	6.5219	51.6886	8.7397
2005	2005	345	ENV	Min	0.00	-4.4307	-23.3993	-10.6096
2005	2005	1802	ENV	Min	0.00	-3.9549	-1.9154	-2.8435
2005	2005	1792	ENV	Min	0.00	-1.4604	-5.6396	-3.8596
2005	2005	344	ENV	Min	0.00	-6.2259	-43.9881	-12.7253
2006	2006	66	ENV	Max	0.00	29.4423	24.3989	9.9826
2006	2006	208	ENV	Max	0.00	39.6395	30.4567	5.6358
2006	2006	1803	ENV	Max	0.00	0.9816	13.9434	6.6503
2006	2006	1794	ENV	Max	0.00	10.1086	20.4052	8.7933
2006	2006	66	ENV	Min	0.00	-34.4474	-75.5213	-6.7591
2006	2006	208	ENV	Min	0.00	-25.7232	-63.0983	-16.6734
2006	2006	1803	ENV	Min	0.00	-11.1743	-7.0361	-20.1396
2006	2006	1794	ENV	Min	0.00	-8.8839	-7.4334	-8.0215
2007	2007	1794	ENV	Max	0.00	4.9226	19.5423	2.7419
2007	2007	1803	ENV	Max	0.00	0.6520	14.7831	3.2509
2007	2007	1804	ENV	Max	0.00	3.7200	1.7273	3.7838
2007	2007	1795	ENV	Max	0.00	2.3793	4.0746	2.7762
2007	2007	1794	ENV	Min	0.00	-6.4143	-7.1138	-9.5570
2007	2007	1803	ENV	Min	0.00	-7.1848	-7.3077	-7.7317
2007	2007	1804	ENV	Min	0.00	-7.2871	-3.3793	-5.5595
2007	2007	1795	ENV	Min	0.00	-3.8882	-4.5298	-7.3848
2008	2008	1795	ENV	Max	0.00	1.3315	3.7647	1.5543
2008	2008	1804	ENV	Max	0.00	3.8696	1.7236	1.6602
2008	2008	1805	ENV	Max	0.00	1.0720	0.7233	1.1071
2008	2008	1796	ENV	Max	0.00	1.2493	6.7924	0.8740
2008	2008	1795	ENV	Min	0.00	-3.4337	-4.3385	-4.1347
2008	2008	1804	ENV	Min	0.00	-7.3642	-3.3611	-4.8997
2008	2008	1805	ENV	Min	0.00	-2.8640	-0.3768	-3.3790
2008	2008	1796	ENV	Min	0.00	-0.5227	-1.1474	-2.6140
2009	2009	1796	ENV	Max	0.00	1.2969	6.7413	0.7797
2009	2009	1805	ENV	Max	0.00	1.4958	0.8154	0.7548
2009	2009	1806	ENV	Max	0.00	0.7309	0.1391	0.8734
2009	2009	1797	ENV	Max	0.00	1.4526	7.6143	0.8822
2009	2009	1796	ENV	Min	0.00	-0.9561	-0.9801	-1.8340
2009	2009	1805	ENV	Min	0.00	-3.0603	-0.4729	-1.8467
2009	2009	1806	ENV	Min	0.00	-1.0931	-0.1985	-1.2225
2009	2009	1797	ENV	Min	0.00	-0.9437	-1.0518	-1.3245
2010	2010	1797	ENV	Max	0.00	1.5625	7.6572	0.8237
2010	2010	1806	ENV	Max	0.00	0.7985	0.1134	0.8597
2010	2010	1807	ENV	Max	0.00	0.6090	0.1053	0.9345
2010	2010	1798	ENV	Max	0.00	1.9733	8.2918	0.9046

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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
2010	2010	1797	ENV	Min	0.00	-0.7550	-1.0154	-1.1010
2010	2010	1806	ENV	Min	0.00	-1.3841	-0.2175	-1.1964
2010	2010	1807	ENV	Min	0.00	-0.6710	-0.0718	-1.2311
2010	2010	1798	ENV	Min	0.00	-1.1666	-1.2697	-1.1418
2011	2011	1798	ENV	Max	0.00	1.4214	8.3155	1.0361
2011	2011	1807	ENV	Max	0.00	1.2796	0.1216	1.0282
2011	2011	1808	ENV	Max	0.00	0.9152	0.1464	0.9843
2011	2011	1799	ENV	Max	0.00	2.5848	8.3441	0.9910
2011	2011	1798	ENV	Min	0.00	-0.4801	-1.1445	-1.3641
2011	2011	1807	ENV	Min	0.00	-1.4561	-0.1110	-1.3412
2011	2011	1808	ENV	Min	0.00	-0.7850	-0.1544	-1.3783
2011	2011	1799	ENV	Min	0.00	-1.6104	-0.9398	-1.4000
2012	2012	1799	ENV	Max	0.00	1.7782	8.4222	1.0483
2012	2012	1808	ENV	Max	0.00	1.4433	0.0726	0.8737
2012	2012	1809	ENV	Max	0.00	3.0794	0.1653	0.9100
2012	2012	1800	ENV	Max	0.00	1.5985	7.8023	0.8963
2012	2012	1799	ENV	Min	0.00	0.0752	-0.8684	-1.4340
2012	2012	1808	ENV	Min	0.00	-1.5286	-0.1237	-1.1999
2012	2012	1809	ENV	Min	0.00	-3.3797	-0.0720	-1.1617
2012	2012	1800	ENV	Min	0.00	-1.2109	-2.2633	-1.2074
2013	2013	1800	ENV	Max	0.00	2.4796	7.9282	1.5091
2013	2013	1809	ENV	Max	0.00	2.4623	0.0848	1.1473
2013	2013	1810	ENV	Max	0.00	5.9006	0.0755	1.4170
2013	2013	1801	ENV	Max	0.00	5.7613	9.1189	1.7337
2013	2013	1800	ENV	Min	0.00	-1.2922	-2.4417	-1.5705
2013	2013	1809	ENV	Min	0.00	-3.2696	-0.0929	-1.3614
2013	2013	1810	ENV	Min	0.00	-5.9865	-0.1268	-1.8313
2013	2013	1801	ENV	Min	0.00	-6.2777	-3.2020	-1.9953
2014	2014	1801	ENV	Max	0.00	7.8404	9.5860	1.0524
2014	2014	1810	ENV	Max	0.00	5.1443	0.0771	1.1056
2014	2014	1811	ENV	Max	0.00	4.1324	0.2446	1.3400
2014	2014	1802	ENV	Max	0.00	6.7385	7.6553	1.2859
2014	2014	1801	ENV	Min	0.00	-7.5625	-3.5102	-2.0524
2014	2014	1810	ENV	Min	0.00	-5.4617	-0.1746	-1.7535
2014	2014	1811	ENV	Min	0.00	-3.0061	-0.1008	-1.7631
2014	2014	1802	ENV	Min	0.00	-3.4931	-1.7991	-2.0612
2015	2015	1802	ENV	Max	0.00	8.1720	7.8193	2.5880
2015	2015	1811	ENV	Max	0.00	3.5000	0.1782	1.7148
2015	2015	1793	ENV	Max	0.00	0.5045	0.1386	1.2637
2015	2015	1792	ENV	Max	0.00	0.8219	12.0447	2.1196
2015	2015	1802	ENV	Min	0.00	-4.1842	-1.7138	-2.1352
2015	2015	1811	ENV	Min	0.00	-2.7817	-0.1160	-1.6163
2015	2015	1793	ENV	Min	0.00	-0.0799	-0.2265	-1.0351
2015	2015	1792	ENV	Min	0.00	-1.3263	-5.9939	-1.5366
2515	2515	2	ENV	Max	0.00	13.6124	52.8150	19.0092
2515	2515	2290	ENV	Max	0.00	5.2140	21.3225	10.3678
2515	2515	2291	ENV	Max	0.00	14.4889	27.7669	2.0070
2515	2515	459	ENV	Max	0.00	73.4611	13.8909	7.0936
2515	2515	2	ENV	Min	0.00	-12.8301	-17.9946	-24.3650
2515	2515	2290	ENV	Min	0.00	-5.3538	-4.8997	-11.1942
2515	2515	2291	ENV	Min	0.00	-11.1423	-8.2728	-1.6431

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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
2515	2515	459	ENV	Min	0.00	-63.1014	-1.4514	-11.2591
2516	2516	2290	ENV	Max	0.00	5.8300	25.4694	1.7789
2516	2516	2292	ENV	Max	0.00	1.8399	8.2187	1.1763
2516	2516	2293	ENV	Max	0.00	5.2224	8.7103	2.0812
2516	2516	2291	ENV	Max	0.00	14.3183	24.7659	3.2670
2516	2516	2290	ENV	Min	0.00	-5.5997	-7.1964	-1.1697
2516	2516	2292	ENV	Min	0.00	-1.9350	-3.3225	-0.4095
2516	2516	2293	ENV	Min	0.00	-4.5609	-3.5519	-1.8463
2516	2516	2291	ENV	Min	0.00	-11.2783	-6.8046	-3.1897
2517	2517	2292	ENV	Max	0.00	1.7895	8.2895	1.0967
2517	2517	2294	ENV	Max	0.00	0.5576	0.9391	0.8440
2517	2517	2295	ENV	Max	0.00	0.6116	0.8765	0.4172
2517	2517	2293	ENV	Max	0.00	5.2046	8.7330	0.5801
2517	2517	2292	ENV	Min	0.00	-1.8725	-3.3330	-0.4730
2517	2517	2294	ENV	Min	0.00	-0.5630	-1.5337	-0.3164
2517	2517	2295	ENV	Min	0.00	-0.9256	-1.1257	-0.1614
2517	2517	2293	ENV	Min	0.00	-4.5420	-3.5694	-0.2282
2518	2518	2294	ENV	Max	0.00	0.5772	1.0377	0.4254
2518	2518	2296	ENV	Max	0.00	0.1803	0.3472	0.2675
2518	2518	2297	ENV	Max	0.00	0.2184	0.3217	0.1421
2518	2518	2295	ENV	Max	0.00	0.6234	0.8115	0.3119
2518	2518	2294	ENV	Min	0.00	-0.5809	-1.6243	-0.1482
2518	2518	2296	ENV	Min	0.00	-0.1856	-1.3463	-0.1033
2518	2518	2297	ENV	Min	0.00	-0.4526	-1.2118	-0.0386
2518	2518	2295	ENV	Min	0.00	-0.9390	-1.0686	-0.0955
2519	2519	2296	ENV	Max	0.00	0.1773	0.3572	0.0944
2519	2519	468	ENV	Max	0.00	0.0810	0.2737	0.0378
2519	2519	469	ENV	Max	0.00	0.1463	0.2761	0.0538
2519	2519	2297	ENV	Max	0.00	0.2179	0.3165	0.1012
2519	2519	2296	ENV	Min	0.00	-0.1874	-1.3799	-0.0377
2519	2519	468	ENV	Min	0.00	-0.0813	-0.6669	-0.0223
2519	2519	469	ENV	Min	0.00	-0.2052	-0.6700	-0.0299
2519	2519	2297	ENV	Min	0.00	-0.4498	-1.1950	-0.0361
2520	2520	459	ENV	Max	0.00	67.2009	37.2314	5.1598
2520	2520	2291	ENV	Max	0.00	21.2911	28.9589	0.8251
2520	2520	2298	ENV	Max	0.00	11.3378	22.1321	5.4852
2520	2520	460	ENV	Max	0.00	29.4626	44.9171	11.6426
2520	2520	459	ENV	Min	0.00	-58.6186	-25.1474	-3.9163
2520	2520	2291	ENV	Min	0.00	-17.7399	-9.4239	-1.2553
2520	2520	2298	ENV	Min	0.00	-6.9994	-6.3974	-5.8196
2520	2520	460	ENV	Min	0.00	-29.8670	-22.5719	-10.3032
2521	2521	2291	ENV	Max	0.00	20.7913	25.7384	2.0945
2521	2521	2293	ENV	Max	0.00	3.3703	8.3763	1.5961
2521	2521	2299	ENV	Max	0.00	3.2962	9.6155	1.5328
2521	2521	2298	ENV	Max	0.00	11.7746	24.5192	0.9490
2521	2521	2291	ENV	Min	0.00	-17.5467	-7.7362	-2.1157
2521	2521	2293	ENV	Min	0.00	-2.6982	-3.2159	-1.4050
2521	2521	2299	ENV	Min	0.00	-2.1972	-4.0417	-1.0873
2521	2521	2298	ENV	Min	0.00	-7.2006	-7.6067	-0.7157
2522	2522	2293	ENV	Max	0.00	3.3971	8.4009	0.4987
2522	2522	2295	ENV	Max	0.00	1.0845	1.2303	0.3320

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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
2522	2522	2300	ENV	Max	0.00	0.3578	0.9905	0.3118
2522	2522	2299	ENV	Max	0.00	3.2771	9.4942	0.4881
2522	2522	2293	ENV	Min	0.00	-2.7240	-3.2353	-0.2304
2522	2522	2295	ENV	Min	0.00	-1.3737	-1.4745	-0.1543
2522	2522	2300	ENV	Min	0.00	-0.3841	-1.0118	-0.1580
2522	2522	2299	ENV	Min	0.00	-2.1895	-3.9772	-0.2436
2523	2523	2295	ENV	Max	0.00	1.0733	1.1645	0.1438
2523	2523	2297	ENV	Max	0.00	0.2070	0.3017	0.0707
2523	2523	2301	ENV	Max	0.00	0.1399	0.3212	0.1141
2523	2523	2300	ENV	Max	0.00	0.3508	1.0162	0.1434
2523	2523	2295	ENV	Min	0.00	-1.3640	-1.4166	-0.0307
2523	2523	2297	ENV	Min	0.00	-0.4386	-1.1913	-0.0066
2523	2523	2301	ENV	Min	0.00	-0.3420	-1.1399	-0.0858
2523	2523	2300	ENV	Min	0.00	-0.3783	-1.0431	-0.0660
2524	2524	2297	ENV	Max	0.00	0.2082	0.2974	0.0631
2524	2524	469	ENV	Max	0.00	0.0890	0.2646	0.0455
2524	2524	470	ENV	Max	0.00	0.0795	0.2813	0.0205
2524	2524	2301	ENV	Max	0.00	0.1394	0.3227	0.0272
2524	2524	2297	ENV	Min	0.00	-0.4375	-1.1754	-0.0334
2524	2524	469	ENV	Min	0.00	-0.1568	-0.6602	-0.0291
2524	2524	470	ENV	Min	0.00	-0.1691	-0.6663	-0.0232
2524	2524	2301	ENV	Min	0.00	-0.3424	-1.1462	-0.0167
2525	2525	460	ENV	Max	0.00	16.3740	48.0432	2.4400
2525	2525	2298	ENV	Max	0.00	5.8281	21.6452	2.8268
2525	2525	2302	ENV	Max	0.00	4.1731	26.7783	2.1067
2525	2525	461	ENV	Max	0.00	13.0578	16.6880	5.2373
2525	2525	460	ENV	Min	0.00	-14.2405	-25.1904	-4.7104
2525	2525	2298	ENV	Min	0.00	-2.1581	-6.0442	-2.1380
2525	2525	2302	ENV	Min	0.00	-1.5033	-9.1095	-1.6675
2525	2525	461	ENV	Min	0.00	-10.8689	-10.4146	-7.7574
2526	2526	2298	ENV	Max	0.00	6.3077	23.9987	1.7236
2526	2526	2299	ENV	Max	0.00	2.0646	9.5774	1.0706
2526	2526	2303	ENV	Max	0.00	2.0008	10.2374	0.9709
2526	2526	2302	ENV	Max	0.00	4.0001	25.5528	1.6239
2526	2526	2298	ENV	Min	0.00	-2.4022	-7.2198	-1.0355
2526	2526	2299	ENV	Min	0.00	-0.8375	-3.9779	-0.5583
2526	2526	2303	ENV	Min	0.00	-0.8694	-4.2827	-0.5345
2526	2526	2302	ENV	Min	0.00	-1.4681	-8.5729	-1.0118
2527	2527	2299	ENV	Max	0.00	2.0404	9.4561	0.5071
2527	2527	2300	ENV	Max	0.00	0.2128	1.0852	0.2213
2527	2527	2304	ENV	Max	0.00	0.2171	1.3275	0.2443
2527	2527	2303	ENV	Max	0.00	2.0242	10.3335	0.5714
2527	2527	2299	ENV	Min	0.00	-0.8246	-3.9134	-0.2137
2527	2527	2300	ENV	Min	0.00	-0.2720	-1.1131	-0.0709
2527	2527	2304	ENV	Min	0.00	-0.1697	-1.1245	-0.0740
2527	2527	2303	ENV	Min	0.00	-0.8817	-4.3234	-0.2581
2528	2528	2300	ENV	Max	0.00	0.2184	1.1111	0.0852
2528	2528	2301	ENV	Max	0.00	0.0730	0.3100	0.0509
2528	2528	2305	ENV	Max	0.00	0.0614	0.3251	0.0526
2528	2528	2304	ENV	Max	0.00	0.2181	1.3171	0.0834
2528	2528	2300	ENV	Min	0.00	-0.2788	-1.1446	-0.0140

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Area	AreaElem	Joint	OutputCase	StepType	FVM	M11	M22	M12
					KN/m	KN-m/m	KN-m/m	KN-m/m
2528	2528	2301	ENV	Min	0.00	-0.2649	-1.1267	-0.0325
2528	2528	2305	ENV	Min	0.00	-0.2096	-1.0986	-0.0394
2528	2528	2304	ENV	Min	0.00	-0.1695	-1.1080	-0.0174
2529	2529	2301	ENV	Max	0.00	0.0735	0.3116	0.0445
2529	2529	470	ENV	Max	0.00	0.0566	0.2773	0.0323
2529	2529	471	ENV	Max	0.00	0.0651	0.3023	0.0291
2529	2529	2305	ENV	Max	0.00	0.0614	0.3267	0.0402
2529	2529	2301	ENV	Min	0.00	-0.2664	-1.1331	-0.0475
2529	2529	470	ENV	Min	0.00	-0.1468	-0.6625	-0.0402
2529	2529	471	ENV	Min	0.00	-0.1419	-0.7014	-0.0395
2529	2529	2305	ENV	Min	0.00	-0.2093	-1.0985	-0.0457
2530	2530	461	ENV	Max	0.00	8.2172	15.7183	2.1864
2530	2530	2302	ENV	Max	0.00	4.3906	26.9192	1.1609
2530	2530	2306	ENV	Max	0.00	4.4879	24.5124	0.4340
2530	2530	462	ENV	Max	0.00	3.7277	10.6608	1.1071
2530	2530	461	ENV	Min	0.00	-6.4756	-9.5344	-2.9872
2530	2530	2302	ENV	Min	0.00	-1.5259	-9.2115	-1.6024
2530	2530	2306	ENV	Min	0.00	-1.6055	-8.6046	-0.6140
2530	2530	462	ENV	Min	0.00	-2.7435	-4.5635	-1.6463
2531	2531	2302	ENV	Max	0.00	4.1382	25.6802	0.8603
2531	2531	2303	ENV	Max	0.00	1.9042	10.2453	0.8797
2531	2531	2307	ENV	Max	0.00	1.8528	11.0147	0.6713
2531	2531	2306	ENV	Max	0.00	4.5358	24.7148	0.6472
2531	2531	2302	ENV	Min	0.00	-1.4111	-8.6613	-0.6331
2531	2531	2303	ENV	Min	0.00	-0.8184	-4.2998	-0.5143
2531	2531	2307	ENV	Min	0.00	-0.8331	-4.7364	-0.4397
2531	2531	2306	ENV	Min	0.00	-1.6269	-8.6744	-0.5538
2532	2532	2303	ENV	Max	0.00	1.9238	10.3413	0.5260
2532	2532	2304	ENV	Max	0.00	0.1987	1.3087	0.2719
2532	2532	2308	ENV	Max	0.00	0.1852	1.3091	0.2279
2532	2532	2307	ENV	Max	0.00	1.8454	10.9784	0.4515
2532	2532	2303	ENV	Min	0.00	-0.8269	-4.3404	-0.2704
2532	2532	2304	ENV	Min	0.00	-0.1500	-1.1054	-0.1090
2532	2532	2308	ENV	Min	0.00	-0.1412	-0.9186	-0.1307
2532	2532	2307	ENV	Min	0.00	-0.8325	-4.7341	-0.2617
2533	2533	2304	ENV	Max	0.00	0.2003	1.2983	0.0656
2533	2533	2305	ENV	Max	0.00	0.0653	0.3261	0.0432
2533	2533	2309	ENV	Max	0.00	0.1062	0.3381	0.0318
2533	2533	2308	ENV	Max	0.00	0.1865	1.3159	0.0957
2533	2533	2304	ENV	Min	0.00	-0.1503	-1.0889	-0.0053
2533	2533	2305	ENV	Min	0.00	-0.2144	-1.0998	-0.0284
2533	2533	2309	ENV	Min	0.00	-0.2412	-1.0733	-0.0263
2533	2533	2308	ENV	Min	0.00	-0.1421	-0.9230	-0.0446
2534	2534	2305	ENV	Max	0.00	0.0657	0.3277	0.0371
2534	2534	471	ENV	Max	0.00	0.0675	0.3028	0.0297
2534	2534	472	ENV	Max	0.00	0.1133	0.3359	0.0281
2534	2534	2309	ENV	Max	0.00	0.1062	0.3369	0.0356
2534	2534	2305	ENV	Min	0.00	-0.2143	-1.0996	-0.0432
2534	2534	471	ENV	Min	0.00	-0.1441	-0.7018	-0.0398
2534	2534	472	ENV	Min	0.00	-0.1640	-0.7446	-0.0417
2534	2534	2309	ENV	Min	0.00	-0.2410	-1.0714	-0.0451

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Area	AreaElem	Joint	OutputCase	StepType	FVM	M11	M22	M12
					KN/m	KN-m/m	KN-m/m	KN-m/m
2535	2535	462	ENV	Max	0.00	3.6312	10.6632	0.4014
2535	2535	2306	ENV	Max	0.00	4.2199	24.4561	0.4294
2535	2535	2310	ENV	Max	0.00	4.7127	24.6431	0.7524
2535	2535	463	ENV	Max	0.00	2.4482	8.4826	0.5003
2535	2535	462	ENV	Min	0.00	-1.8994	-4.4163	-0.5169
2535	2535	2306	ENV	Min	0.00	-1.5562	-8.5920	-0.5781
2535	2535	2310	ENV	Min	0.00	-1.6583	-8.8479	-0.6849
2535	2535	463	ENV	Min	0.00	-1.2243	-2.0294	-0.3996
2536	2536	2306	ENV	Max	0.00	4.2680	24.6586	0.6145
2536	2536	2307	ENV	Max	0.00	1.9447	11.0330	0.5645
2536	2536	2311	ENV	Max	0.00	1.9582	11.2565	0.5599
2536	2536	2310	ENV	Max	0.00	4.7131	24.6416	0.6099
2536	2536	2306	ENV	Min	0.00	-1.5777	-8.6619	-0.5661
2536	2536	2307	ENV	Min	0.00	-0.8594	-4.7417	-0.4633
2536	2536	2311	ENV	Min	0.00	-0.8663	-4.9507	-0.5158
2536	2536	2310	ENV	Min	0.00	-1.6575	-8.8402	-0.6186
2537	2537	2307	ENV	Max	0.00	1.9373	10.9968	0.3953
2537	2537	2308	ENV	Max	0.00	0.1657	1.3052	0.2219
2537	2537	2312	ENV	Max	0.00	0.1418	1.4500	0.2030
2537	2537	2311	ENV	Max	0.00	1.9602	11.2664	0.3783
2537	2537	2307	ENV	Min	0.00	-0.8587	-4.7394	-0.3025
2537	2537	2308	ENV	Min	0.00	-0.1345	-0.9173	-0.1586
2537	2537	2312	ENV	Min	0.00	-0.1010	-0.9694	-0.1902
2537	2537	2311	ENV	Min	0.00	-0.8669	-4.9540	-0.3359
2538	2538	2308	ENV	Max	0.00	0.1671	1.3120	0.0892
2538	2538	2309	ENV	Max	0.00	0.1037	0.3383	0.0300
2538	2538	2313	ENV	Max	0.00	0.1753	0.3362	0.0290
2538	2538	2312	ENV	Max	0.00	0.1420	1.4548	0.0781
2538	2538	2308	ENV	Min	0.00	-0.1354	-0.9217	-0.0711
2538	2538	2309	ENV	Min	0.00	-0.2361	-1.0730	-0.0338
2538	2538	2313	ENV	Min	0.00	-0.3036	-1.0558	-0.0606
2538	2538	2312	ENV	Min	0.00	-0.1004	-0.9705	-0.0877
2539	2539	2309	ENV	Max	0.00	0.1037	0.3372	0.0305
2539	2539	472	ENV	Max	0.00	0.1139	0.3360	0.0284
2539	2539	473	ENV	Max	0.00	0.1849	0.3694	0.0276
2539	2539	2313	ENV	Max	0.00	0.1750	0.3358	0.0299
2539	2539	2309	ENV	Min	0.00	-0.2359	-1.0711	-0.0497
2539	2539	472	ENV	Min	0.00	-0.1666	-0.7451	-0.0472
2539	2539	473	ENV	Min	0.00	-0.2059	-0.7917	-0.0595
2539	2539	2313	ENV	Min	0.00	-0.3025	-1.0511	-0.0622
2540	2540	463	ENV	Max	0.00	1.3224	8.2560	0.5519
2540	2540	2310	ENV	Max	0.00	4.6165	24.6244	0.7994
2540	2540	2314	ENV	Max	0.00	5.1275	25.0731	0.6199
2540	2540	464	ENV	Max	0.00	1.4280	7.2933	0.4279
2540	2540	463	ENV	Min	0.00	-0.0498	-1.7931	-0.4103
2540	2540	2310	ENV	Min	0.00	-1.6276	-8.8423	-0.6703
2540	2540	2314	ENV	Min	0.00	-1.7760	-9.0420	-0.5554
2540	2540	464	ENV	Min	0.00	-0.4816	-1.0117	-0.3509
2541	2541	2310	ENV	Max	0.00	4.6144	24.6223	0.6552
2541	2541	2311	ENV	Max	0.00	2.0014	11.2651	0.5102
2541	2541	2315	ENV	Max	0.00	2.3090	11.6022	0.5702

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Area	AreaElem	Joint	OutputCase	StepType	FVM	M11	M22	M12
					KN/m	KN-m/m	KN-m/m	KN-m/m
2541	2541	2314	ENV	Max	0.00	5.1005	24.9385	0.7145
2541	2541	2310	ENV	Min	0.00	-1.6243	-8.8341	-0.6171
2541	2541	2311	ENV	Min	0.00	-0.8826	-4.9540	-0.5099
2541	2541	2315	ENV	Min	0.00	-1.0504	-5.1529	-0.5378
2541	2541	2314	ENV	Min	0.00	-1.7693	-9.0095	-0.6444
2542	2542	2311	ENV	Max	0.00	2.0034	11.2750	0.3545
2542	2542	2312	ENV	Max	0.00	0.1210	1.4477	0.1858
2542	2542	2316	ENV	Max	0.00	0.4107	1.5862	0.1655
2542	2542	2315	ENV	Max	0.00	2.2986	11.5502	0.3343
2542	2542	2311	ENV	Min	0.00	-0.8832	-4.9573	-0.3567
2542	2542	2312	ENV	Min	0.00	-0.0871	-0.9685	-0.2103
2542	2542	2316	ENV	Min	0.00	-0.2668	-1.0413	-0.2210
2542	2542	2315	ENV	Min	0.00	-1.0482	-5.1421	-0.3675
2543	2543	2312	ENV	Max	0.00	0.1212	1.4526	0.0668
2543	2543	2313	ENV	Max	0.00	0.1742	0.3363	0.0259
2543	2543	2317	ENV	Max	0.00	0.1546	0.3018	0.0188
2543	2543	2316	ENV	Max	0.00	0.4080	1.5623	0.0563
2543	2543	2312	ENV	Min	0.00	-0.0865	-0.9696	-0.1132
2543	2543	2313	ENV	Min	0.00	-0.2995	-1.0553	-0.0767
2543	2543	2317	ENV	Min	0.00	-0.2806	-1.0179	-0.0828
2543	2543	2316	ENV	Min	0.00	-0.2686	-1.0401	-0.1158
2544	2544	2313	ENV	Max	0.00	0.1740	0.3359	0.0287
2544	2544	473	ENV	Max	0.00	0.1848	0.3694	0.0302
2544	2544	474	ENV	Max	0.00	0.1598	0.3625	0.0284
2544	2544	2317	ENV	Max	0.00	0.1535	0.3025	0.0267
2544	2544	2313	ENV	Min	0.00	-0.2984	-1.0506	-0.0804
2544	2544	473	ENV	Min	0.00	-0.2065	-0.7918	-0.0753
2544	2544	474	ENV	Min	0.00	-0.2406	-0.8158	-0.0813
2544	2544	2317	ENV	Min	0.00	-0.2819	-1.0310	-0.0862
2545	2545	464	ENV	Max	0.00	1.5308	7.3366	0.4229
2545	2545	2314	ENV	Max	0.00	4.9510	25.0377	0.6314
2545	2545	2318	ENV	Max	0.00	6.2034	25.3455	0.7373
2545	2545	465	ENV	Max	0.00	1.9564	6.1728	0.5434
2545	2545	464	ENV	Min	0.00	0.2622	-0.8979	-0.3137
2545	2545	2314	ENV	Min	0.00	-1.7551	-9.0378	-0.5606
2545	2545	2318	ENV	Min	0.00	-2.4257	-9.2449	-0.4804
2545	2545	465	ENV	Min	0.00	0.3922	0.5905	-0.2481
2546	2546	2314	ENV	Max	0.00	4.9238	24.9032	0.7546
2546	2546	2315	ENV	Max	0.00	2.3155	11.6036	0.6111
2546	2546	2319	ENV	Max	0.00	4.3159	11.9104	0.5144
2546	2546	2318	ENV	Max	0.00	6.3036	25.8455	0.6603
2546	2546	2314	ENV	Min	0.00	-1.7483	-9.0053	-0.6411
2546	2546	2315	ENV	Min	0.00	-1.0430	-5.1514	-0.5803
2546	2546	2319	ENV	Min	0.00	-2.1149	-5.3494	-0.5502
2546	2546	2318	ENV	Min	0.00	-2.4436	-9.3337	-0.6135
2547	2547	2315	ENV	Max	0.00	2.3051	11.5515	0.3322
2547	2547	2316	ENV	Max	0.00	0.4023	1.5844	0.1568
2547	2547	2320	ENV	Max	0.00	1.7858	1.7002	0.1711
2547	2547	2319	ENV	Max	0.00	4.3468	12.0654	0.3457
2547	2547	2315	ENV	Min	0.00	-1.0408	-5.1407	-0.3886
2547	2547	2316	ENV	Min	0.00	-0.2653	-1.0409	-0.2033

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

Area	AreaElem	Joint	OutputCase	StepType	FVM KN/m	M11 KN-m/m	M22 KN-m/m	M12 KN-m/m
2547	2547	2320	ENV	Min	0.00	-1.2388	-1.2014	-0.1345
2547	2547	2319	ENV	Min	0.00	-2.1217	-5.3839	-0.3190
2548	2548	2316	ENV	Max	0.00	0.3996	1.5605	0.0437
2548	2548	2317	ENV	Max	0.00	0.1597	0.3020	-4.427E-05
2548	2548	2321	ENV	Max	0.00	0.5917	0.1444	0.1301
2548	2548	2320	ENV	Max	0.00	1.8099	1.8209	0.1441
2548	2548	2316	ENV	Min	0.00	-0.2671	-1.0397	-0.0862
2548	2548	2317	ENV	Min	0.00	-0.2798	-1.0169	-0.0399
2548	2548	2321	ENV	Min	0.00	-0.8444	-0.8889	-0.0532
2548	2548	2320	ENV	Min	0.00	-1.2431	-1.2226	-0.0697
2549	2549	2317	ENV	Max	0.00	0.1585	0.3026	0.0186
2549	2549	474	ENV	Max	0.00	0.1592	0.3621	0.0239
2549	2549	475	ENV	Max	0.00	0.3465	0.2463	0.0689
2549	2549	2321	ENV	Max	0.00	0.6032	0.1327	0.0910
2549	2549	2317	ENV	Min	0.00	-0.2812	-1.0300	-0.0524
2549	2549	474	ENV	Min	0.00	-0.2364	-0.8146	-0.0726
2549	2549	475	ENV	Min	0.00	-0.9461	-0.7976	-0.0346
2549	2549	2321	ENV	Min	0.00	-0.8440	-0.8174	-0.0418
2550	2550	465	ENV	Max	0.00	3.6617	6.1916	1.1285
2550	2550	2318	ENV	Max	0.00	6.1790	25.3414	0.8056
2550	2550	2322	ENV	Max	0.00	12.0152	29.1370	0.9330
2550	2550	466	ENV	Max	0.00	7.6160	9.7359	2.2042
2550	2550	465	ENV	Min	0.00	-1.6133	0.5118	-0.9022
2550	2550	2318	ENV	Min	0.00	-2.4200	-9.2445	-0.4324
2550	2550	2322	ENV	Min	0.00	-4.6639	-10.2654	-1.1139
2550	2550	466	ENV	Min	0.00	-6.0777	-5.9017	-2.5319
2551	2551	2318	ENV	Max	0.00	6.2791	25.8413	0.5104
2551	2551	2319	ENV	Max	0.00	4.2499	11.8964	0.4428
2551	2551	2323	ENV	Max	0.00	8.7691	11.4031	0.3952
2551	2551	2322	ENV	Max	0.00	11.6079	27.1000	0.5400
2551	2551	2318	ENV	Min	0.00	-2.4379	-9.3333	-0.6788
2551	2551	2319	ENV	Min	0.00	-2.0903	-5.3436	-0.4586
2551	2551	2323	ENV	Min	0.00	-4.3730	-5.2987	-0.3916
2551	2551	2322	ENV	Min	0.00	-4.5701	-9.7959	-0.6890
2552	2552	2319	ENV	Max	0.00	4.2808	12.0513	0.2682
2552	2552	2320	ENV	Max	0.00	1.7955	1.7023	0.5431
2552	2552	2324	ENV	Max	0.00	4.6272	2.4669	1.0960
2552	2552	2323	ENV	Max	0.00	8.6547	10.7983	0.7022
2552	2552	2319	ENV	Min	0.00	-2.0971	-5.3781	-0.1429
2552	2552	2320	ENV	Min	0.00	-1.2366	-1.2011	-0.1740
2552	2552	2324	ENV	Min	0.00	-3.3134	-1.5616	-0.2158
2552	2552	2323	ENV	Min	0.00	-4.3465	-5.1336	-0.0659
2553	2553	2320	ENV	Max	0.00	1.8197	1.8230	0.5154
2553	2553	2321	ENV	Max	0.00	0.6123	0.1444	0.4317
2553	2553	2325	ENV	Max	0.00	1.6161	-0.0121	1.1109
2553	2553	2324	ENV	Max	0.00	4.5850	2.2720	1.1945
2553	2553	2320	ENV	Min	0.00	-1.2409	-1.2223	-0.1429
2553	2553	2321	ENV	Min	0.00	-0.8510	-0.8860	-0.1377
2553	2553	2325	ENV	Min	0.00	-2.4196	-0.4098	-0.3125
2553	2553	2324	ENV	Min	0.00	-3.3150	-1.5859	-0.3177
2554	2554	2321	ENV	Max	0.00	0.6238	0.1327	0.4053

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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
2554	2554	475	ENV	Max	0.00	0.3509	0.2453	0.2447
2554	2554	476	ENV	Max	0.00	0.2280	0.0114	0.6945
2554	2554	2325	ENV	Max	0.00	1.5627	-0.1676	0.8486
2554	2554	2321	ENV	Min	0.00	-0.8505	-0.8145	-0.1320
2554	2554	475	ENV	Min	0.00	-0.9414	-0.7947	-0.0840
2554	2554	476	ENV	Min	0.00	-2.1543	-0.4488	-0.2166
2554	2554	2325	ENV	Min	0.00	-2.4099	-0.4727	-0.2581
2555	2555	466	ENV	Max	0.00	12.4474	10.6587	5.4232
2555	2555	2322	ENV	Max	0.00	10.6425	28.8622	2.5405
2555	2555	2326	ENV	Max	0.00	14.7326	12.1903	3.6909
2555	2555	467	ENV	Max	0.00	15.8883	45.9177	4.1791
2555	2555	466	ENV	Min	0.00	-8.2244	-6.2876	-4.7300
2555	2555	2322	ENV	Min	0.00	-4.2574	-10.1839	-5.0261
2555	2555	2326	ENV	Min	0.00	-5.8428	-5.3451	-7.7037
2555	2555	467	ENV	Min	0.00	-9.8461	-13.4634	-5.0131
2556	2556	2322	ENV	Max	0.00	10.2367	26.8262	1.4601
2556	2556	2323	ENV	Max	0.00	9.1569	11.4462	0.9750
2556	2556	2327	ENV	Max	0.00	9.2666	7.2624	1.6654
2556	2556	2326	ENV	Max	0.00	15.3077	15.2856	1.7004
2556	2556	2322	ENV	Min	0.00	-4.1651	-9.7154	-2.5242
2556	2556	2323	ENV	Min	0.00	-4.4728	-5.2843	0.1100
2556	2556	2327	ENV	Min	0.00	-5.7818	-4.0037	0.2358
2556	2556	2326	ENV	Min	0.00	-5.7740	-5.2206	-1.9483
2557	2557	2323	ENV	Max	0.00	9.0425	10.8438	1.8426
2557	2557	2324	ENV	Max	0.00	4.5579	2.4612	2.0066
2557	2557	2328	ENV	Max	0.00	4.3992	1.4888	3.3046
2557	2557	2327	ENV	Max	0.00	10.0508	11.1859	3.1397
2557	2557	2323	ENV	Min	0.00	-4.4464	-5.1215	-0.2008
2557	2557	2324	ENV	Min	0.00	-3.2921	-1.5655	-0.3818
2557	2557	2328	ENV	Min	0.00	-4.0514	-1.1003	-0.6445
2557	2557	2327	ENV	Min	0.00	-6.0145	-5.1698	-0.4627
2558	2558	2324	ENV	Max	0.00	4.5156	2.2671	2.2294
2558	2558	2325	ENV	Max	0.00	1.6694	-0.0060	2.0432
2558	2558	2329	ENV	Max	0.00	1.5471	0.7767	3.1785
2558	2558	2328	ENV	Max	0.00	4.5191	2.0892	3.3346
2558	2558	2324	ENV	Min	0.00	-3.2937	-1.5906	-0.5512
2558	2558	2325	ENV	Min	0.00	-2.4386	-0.4090	-0.6062
2558	2558	2329	ENV	Min	0.00	-3.1704	-0.7819	-0.9715
2558	2558	2328	ENV	Min	0.00	-4.0255	-0.9716	-0.8864
2559	2559	2325	ENV	Max	0.00	1.6159	-0.1645	1.7296
2559	2559	476	ENV	Max	0.00	0.2217	0.0109	1.0890
2559	2559	477	ENV	Max	0.00	0.7489	0.6251	1.6928
2559	2559	2329	ENV	Max	0.00	1.6307	1.8824	2.3329
2559	2559	2325	ENV	Min	0.00	-2.4288	-0.4689	-0.5349
2559	2559	476	ENV	Min	0.00	-2.1517	-0.4490	-0.3344
2559	2559	477	ENV	Min	0.00	-3.1923	-0.6855	-0.5255
2559	2559	2329	ENV	Min	0.00	-3.0750	-0.9920	-0.7254
2560	2560	467	ENV	Max	0.00	22.9619	43.2004	9.5504
2560	2560	2326	ENV	Max	0.00	17.1200	12.5117	3.0031
2560	2560	2330	ENV	Max	0.00	27.3741	9.1814	1.7555
2560	2560	19	ENV	Max	0.00	6.3999	32.5106	7.0544

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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
2560	2560	467	ENV	Min	0.00	-20.5415	-11.4705	-20.9308
2560	2560	2326	ENV	Min	0.00	-6.8441	-5.3893	-2.7076
2560	2560	2330	ENV	Min	0.00	-49.9202	-6.1258	-1.2141
2560	2560	19	ENV	Min	0.00	-21.7776	-63.3497	-18.1890
2561	2561	2326	ENV	Max	0.00	17.8359	15.8908	2.7253
2561	2561	2327	ENV	Max	0.00	9.3168	7.2718	2.3352
2561	2561	2331	ENV	Max	0.00	13.9555	7.6731	2.5172
2561	2561	2330	ENV	Max	0.00	27.1291	10.5018	3.7473
2561	2561	2326	ENV	Min	0.00	-6.9161	-5.5485	-0.0258
2561	2561	2327	ENV	Min	0.00	-6.0778	-4.0623	-0.2902
2561	2561	2331	ENV	Min	0.00	-26.0802	-1.3213	-1.2091
2561	2561	2330	ENV	Min	0.00	-50.1863	-10.0020	-1.7847
2562	2562	2327	ENV	Max	0.00	10.1008	11.1944	2.8917
2562	2562	2328	ENV	Max	0.00	4.3916	1.4878	5.3986
2562	2562	2332	ENV	Max	0.00	12.6735	3.3941	3.8984
2562	2562	2331	ENV	Max	0.00	15.1231	5.7387	1.4664
2562	2562	2327	ENV	Min	0.00	-6.3103	-5.2275	-0.1507
2562	2562	2328	ENV	Min	0.00	-4.0248	-1.0955	-1.5445
2562	2562	2332	ENV	Min	0.00	-16.7952	-0.8154	-1.3990
2562	2562	2331	ENV	Min	0.00	-29.7559	-11.9276	-0.0801
2563	2563	2328	ENV	Max	0.00	4.5115	2.0889	4.7807
2563	2563	2329	ENV	Max	0.00	1.5759	0.7504	3.3622
2563	2563	2333	ENV	Max	0.00	12.3377	4.9973	1.9450
2563	2563	2332	ENV	Max	0.00	12.4485	2.8045	3.3622
2563	2563	2328	ENV	Min	0.00	-3.9989	-0.9676	-1.5310
2563	2563	2329	ENV	Min	0.00	-3.3006	-0.7759	-0.9684
2563	2563	2333	ENV	Min	0.00	-8.9113	-0.4760	-0.6333
2563	2563	2332	ENV	Min	0.00	-16.9365	-2.0575	-1.1947
2564	2564	2329	ENV	Max	0.00	1.6594	1.8559	2.3523
2564	2564	477	ENV	Max	0.00	0.7206	0.6166	2.2489
2564	2564	63	ENV	Max	0.00	13.4993	3.5981	1.4395
2564	2564	2333	ENV	Max	0.00	12.2945	2.7228	1.5434
2564	2564	2329	ENV	Min	0.00	-3.2050	-0.9857	-0.7081
2564	2564	477	ENV	Min	0.00	-3.1971	-0.6835	-0.7484
2564	2564	63	ENV	Min	0.00	-6.6417	-0.0963	-0.5464
2564	2564	2333	ENV	Min	0.00	-9.6313	-2.0175	-0.5066
2565	2565	468	ENV	Max	0.00	0.0800	0.2751	0.0271
2565	2565	2334	ENV	Max	0.00	0.1457	0.3724	0.0186
2565	2565	2335	ENV	Max	0.00	0.2668	0.3617	0.0148
2565	2565	469	ENV	Max	0.00	0.1462	0.2751	0.0093
2565	2565	468	ENV	Min	0.00	-0.0818	-0.6754	-0.0219
2565	2565	2334	ENV	Min	0.00	-0.1298	-0.7965	-0.0302
2565	2565	2335	ENV	Min	0.00	-0.3418	-0.7619	-0.0277
2565	2565	469	ENV	Min	0.00	-0.2043	-0.6645	-0.0054
2566	2566	2334	ENV	Max	0.00	0.1495	0.3601	0.0469
2566	2566	2336	ENV	Max	0.00	0.3964	0.4206	0.0893
2566	2566	2337	ENV	Max	0.00	0.8847	0.3538	0.0770
2566	2566	2335	ENV	Max	0.00	0.2663	0.3693	0.0552
2566	2566	2334	ENV	Min	0.00	-0.1283	-0.7579	-0.0786
2566	2566	2336	ENV	Min	0.00	-0.4660	-1.7538	-0.1992
2566	2566	2337	ENV	Min	0.00	-1.1393	-1.4276	-0.1954

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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
2566	2566	2335	ENV	Min	0.00	-0.3442	-0.7836	-0.0954
2567	2567	2336	ENV	Max	0.00	0.4052	0.4230	0.2536
2567	2567	2338	ENV	Max	0.00	1.4215	4.3348	0.2577
2567	2567	2339	ENV	Max	0.00	3.0677	4.3063	0.3492
2567	2567	2337	ENV	Max	0.00	0.8830	0.3514	0.2645
2567	2567	2336	ENV	Min	0.00	-0.4671	-1.7177	-0.5748
2567	2567	2338	ENV	Min	0.00	-1.2417	-3.0823	-0.7444
2567	2567	2339	ENV	Min	0.00	-3.4150	-2.7628	-0.6890
2567	2567	2337	ENV	Min	0.00	-1.1422	-1.4477	-0.4387
2568	2568	2338	ENV	Max	0.00	1.3368	3.7147	1.1500
2568	2568	2340	ENV	Max	0.00	3.6972	31.8278	1.9439
2568	2568	2341	ENV	Max	0.00	18.7605	25.3717	1.3551
2568	2568	2339	ENV	Max	0.00	3.1299	5.0230	0.4874
2568	2568	2338	ENV	Min	0.00	-1.3025	-3.1897	-1.8359
2568	2568	2340	ENV	Min	0.00	-4.0980	-11.4860	-1.3140
2568	2568	2341	ENV	Min	0.00	-13.4549	-10.5315	-0.4915
2568	2568	2339	ENV	Min	0.00	-3.3718	-2.9522	-0.9398
2569	2569	2340	ENV	Max	0.00	4.1100	42.5788	6.3916
2569	2569	5	ENV	Max	0.00	8.3276	44.9924	11.6902
2569	2569	478	ENV	Max	0.00	62.9133	71.8213	3.8182
2569	2569	2341	ENV	Max	0.00	17.4244	16.2230	8.4008
2569	2569	2340	ENV	Min	0.00	-3.0575	-14.9707	-4.1985
2569	2569	5	ENV	Min	0.00	-10.7454	-50.4496	-20.9912
2569	2569	478	ENV	Min	0.00	-69.8845	-14.2802	-10.1799
2569	2569	2341	ENV	Min	0.00	-13.4205	-7.8918	-3.2684
2570	2570	469	ENV	Max	0.00	0.0893	0.2636	0.0104
2570	2570	2335	ENV	Max	0.00	0.2357	0.3361	0.0077
2570	2570	2342	ENV	Max	0.00	0.1552	0.3560	0.0238
2570	2570	470	ENV	Max	0.00	0.0796	0.2823	0.0310
2570	2570	469	ENV	Min	0.00	-0.1562	-0.6547	-0.0104
2570	2570	2335	ENV	Min	0.00	-0.2924	-0.7326	-0.0166
2570	2570	2342	ENV	Min	0.00	-0.2498	-0.7352	-0.0335
2570	2570	470	ENV	Min	0.00	-0.1696	-0.6693	-0.0319
2571	2571	2335	ENV	Max	0.00	0.2356	0.3439	0.0462
2571	2571	2337	ENV	Max	0.00	0.9023	0.3312	0.0312
2571	2571	2343	ENV	Max	0.00	0.4762	0.3153	0.0399
2571	2571	2342	ENV	Max	0.00	0.1559	0.3532	0.0367
2571	2571	2335	ENV	Min	0.00	-0.2951	-0.7545	-0.0866
2571	2571	2337	ENV	Min	0.00	-1.2344	-1.4205	-0.1039
2571	2571	2343	ENV	Min	0.00	-0.7027	-1.3041	-0.0882
2571	2571	2342	ENV	Min	0.00	-0.2493	-0.7260	-0.0526
2572	2572	2337	ENV	Max	0.00	0.9014	0.3299	0.2247
2572	2572	2339	ENV	Max	0.00	4.3547	4.7753	0.3792
2572	2572	2344	ENV	Max	0.00	1.9164	4.5673	0.0120
2572	2572	2343	ENV	Max	0.00	0.4789	0.3190	0.1343
2572	2572	2337	ENV	Min	0.00	-1.2380	-1.4417	-0.3393
2572	2572	2339	ENV	Min	0.00	-4.3451	-3.1604	-0.5437
2572	2572	2344	ENV	Min	0.00	-1.4820	-2.7842	-0.1611
2572	2572	2343	ENV	Min	0.00	-0.7038	-1.3000	-0.2335
2573	2573	2339	ENV	Max	0.00	4.4017	5.4894	0.3417
2573	2573	2341	ENV	Max	0.00	18.9392	23.6492	0.2021

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Area	AreaElem	Joint	OutputCase	StepType	FVM	M11	M22	M12
					KN/m	KN-m/m	KN-m/m	KN-m/m
2573	2573	2345	ENV	Max	0.00	10.3947	26.9327	1.5690
2573	2573	2344	ENV	Max	0.00	1.8454	4.2036	1.2924
2573	2573	2339	ENV	Min	0.00	-4.2867	-3.3473	-0.4322
2573	2573	2341	ENV	Min	0.00	-14.9257	-9.0675	-0.6137
2573	2573	2345	ENV	Min	0.00	-8.2379	-10.7963	-2.0242
2573	2573	2344	ENV	Min	0.00	-1.4677	-2.7042	-1.4265
2574	2574	2341	ENV	Max	0.00	18.0847	14.6080	2.9256
2574	2574	478	ENV	Max	0.00	54.6689	69.1232	12.9106
2574	2574	479	ENV	Max	0.00	31.8040	13.4467	16.0748
2574	2574	2345	ENV	Max	0.00	10.7591	31.6124	2.4730
2574	2574	2341	ENV	Min	0.00	-15.3730	-6.5352	-4.5137
2574	2574	478	ENV	Min	0.00	-56.2480	-10.5038	-3.3601
2574	2574	479	ENV	Min	0.00	-24.5176	-7.3332	-5.3159
2574	2574	2345	ENV	Min	0.00	-7.8888	-11.9081	-2.8526
2575	2575	470	ENV	Max	0.00	0.0567	0.2783	0.0146
2575	2575	2342	ENV	Max	0.00	0.0716	0.3484	0.0128
2575	2575	2346	ENV	Max	0.00	0.0678	0.3471	0.0184
2575	2575	471	ENV	Max	0.00	0.0650	0.3019	0.0195
2575	2575	470	ENV	Min	0.00	-0.1474	-0.6654	-0.0197
2575	2575	2342	ENV	Min	0.00	-0.1658	-0.7275	-0.0160
2575	2575	2346	ENV	Min	0.00	-0.1334	-0.7138	-0.0215
2575	2575	471	ENV	Min	0.00	-0.1416	-0.7001	-0.0245
2576	2576	2342	ENV	Max	0.00	0.0710	0.3456	0.0195
2576	2576	2343	ENV	Max	0.00	0.0838	0.2957	0.0041
2576	2576	2347	ENV	Max	0.00	0.0509	0.2784	0.0058
2576	2576	2346	ENV	Max	0.00	0.0681	0.3473	0.0228
2576	2576	2342	ENV	Min	0.00	-0.1639	-0.7183	-0.0288
2576	2576	2343	ENV	Min	0.00	-0.3014	-1.2827	-0.0484
2576	2576	2347	ENV	Min	0.00	-0.2085	-1.1172	-0.0501
2576	2576	2346	ENV	Min	0.00	-0.1344	-0.7172	-0.0322
2577	2577	2343	ENV	Max	0.00	0.0846	0.2978	0.0421
2577	2577	2344	ENV	Max	0.00	0.9414	4.6297	0.1265
2577	2577	2348	ENV	Max	0.00	1.1096	4.6527	0.0911
2577	2577	2347	ENV	Max	0.00	0.0507	0.2774	0.0207
2577	2577	2343	ENV	Min	0.00	-0.3007	-1.2771	-0.1507
2577	2577	2344	ENV	Min	0.00	-0.5488	-2.8550	-0.2956
2577	2577	2348	ENV	Min	0.00	-0.8206	-2.7924	-0.2543
2577	2577	2347	ENV	Min	0.00	-0.2091	-1.1199	-0.1235
2578	2578	2344	ENV	Max	0.00	0.8653	4.2668	0.3418
2578	2578	2345	ENV	Max	0.00	6.0416	26.7245	0.4336
2578	2578	2349	ENV	Max	0.00	4.7149	23.9676	0.5980
2578	2578	2348	ENV	Max	0.00	1.0978	4.7376	0.1203
2578	2578	2344	ENV	Min	0.00	-0.5294	-2.7758	-0.6219
2578	2578	2345	ENV	Min	0.00	-3.8185	-10.5749	-0.2118
2578	2578	2349	ENV	Min	0.00	-2.0510	-10.1137	-0.1985
2578	2578	2348	ENV	Min	0.00	-0.7916	-2.7918	-0.2227
2579	2579	2345	ENV	Max	0.00	6.4136	31.4166	4.2119
2579	2579	479	ENV	Max	0.00	19.9818	15.9819	5.1792
2579	2579	480	ENV	Max	0.00	6.5683	9.4023	5.7250
2579	2579	2349	ENV	Max	0.00	4.4224	22.9352	1.9092
2579	2579	2345	ENV	Min	0.00	-3.4769	-11.6991	-1.2245

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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
2579	2579	479	ENV	Min	0.00	-11.6327	-9.6559	-1.3581
2579	2579	480	ENV	Min	0.00	-2.2062	-0.4979	-3.6965
2579	2579	2349	ENV	Min	0.00	-1.9171	-9.8740	-0.7143
2580	2580	471	ENV	Max	0.00	0.0674	0.3023	0.0197
2580	2580	2346	ENV	Max	0.00	0.0690	0.3476	0.0193
2580	2580	2350	ENV	Max	0.00	0.1083	0.3535	0.0179
2580	2580	472	ENV	Max	0.00	0.1133	0.3361	0.0183
2580	2580	471	ENV	Min	0.00	-0.1438	-0.7005	-0.0259
2580	2580	2346	ENV	Min	0.00	-0.1339	-0.7141	-0.0243
2580	2580	2350	ENV	Min	0.00	-0.1353	-0.7008	-0.0256
2580	2580	472	ENV	Min	0.00	-0.1641	-0.7452	-0.0272
2581	2581	2346	ENV	Max	0.00	0.0691	0.3478	0.0147
2581	2581	2347	ENV	Max	0.00	0.0603	0.2768	0.0181
2581	2581	2351	ENV	Max	0.00	0.0947	0.2677	0.0331
2581	2581	2350	ENV	Max	0.00	0.1082	0.3534	0.0297
2581	2581	2346	ENV	Min	0.00	-0.1346	-0.7175	-0.0294
2581	2581	2347	ENV	Min	0.00	-0.2223	-1.1164	-0.0572
2581	2581	2351	ENV	Min	0.00	-0.1993	-1.0165	-0.0723
2581	2581	2350	ENV	Min	0.00	-0.1353	-0.7013	-0.0445
2582	2582	2347	ENV	Max	0.00	0.0604	0.2758	0.0160
2582	2582	2348	ENV	Max	0.00	0.9100	4.6451	0.0142
2582	2582	2352	ENV	Max	0.00	0.7718	4.5830	0.0096
2582	2582	2351	ENV	Max	0.00	0.0948	0.2708	0.0283
2582	2582	2347	ENV	Min	0.00	-0.2231	-1.1192	-0.1089
2582	2582	2348	ENV	Min	0.00	-0.6165	-2.7838	-0.1338
2582	2582	2352	ENV	Min	0.00	-0.4834	-2.6959	-0.0928
2582	2582	2351	ENV	Min	0.00	-0.2009	-1.0271	-0.0847
2583	2583	2348	ENV	Max	0.00	0.9268	4.7301	0.1103
2583	2583	2349	ENV	Max	0.00	4.7216	24.0167	0.8111
2583	2583	2353	ENV	Max	0.00	4.4772	21.8060	0.8484
2583	2583	2352	ENV	Max	0.00	0.7805	4.6266	0.1611
2583	2583	2348	ENV	Min	0.00	-0.6162	-2.7834	-0.1368
2583	2583	2349	ENV	Min	0.00	-1.9770	-10.1466	-0.4431
2583	2583	2353	ENV	Min	0.00	-1.9832	-9.4716	-0.5079
2583	2583	2352	ENV	Min	0.00	-0.4861	-2.7093	-0.2151
2584	2584	2349	ENV	Max	0.00	4.5133	22.9848	2.2534
2584	2584	480	ENV	Max	0.00	3.4209	9.7591	2.9428
2584	2584	481	ENV	Max	0.00	2.3547	11.4696	2.4300
2584	2584	2353	ENV	Max	0.00	4.5217	22.0285	1.7430
2584	2584	2349	ENV	Min	0.00	-1.9273	-9.9075	-1.3776
2584	2584	480	ENV	Min	0.00	-0.0827	-1.0595	-2.2342
2584	2584	481	ENV	Min	0.00	-0.5136	-1.8606	-1.9742
2584	2584	2353	ENV	Min	0.00	-1.9951	-9.5313	-1.1200
2585	2585	472	ENV	Max	0.00	0.1139	0.3362	0.0181
2585	2585	2350	ENV	Max	0.00	0.1086	0.3528	0.0221
2585	2585	2354	ENV	Max	0.00	0.1740	0.3612	0.0245
2585	2585	473	ENV	Max	0.00	0.1848	0.3692	0.0213
2585	2585	472	ENV	Min	0.00	-0.1667	-0.7457	-0.0330
2585	2585	2350	ENV	Min	0.00	-0.1323	-0.6995	-0.0336
2585	2585	2354	ENV	Min	0.00	-0.1453	-0.6930	-0.0441
2585	2585	473	ENV	Min	0.00	-0.2056	-0.7898	-0.0443

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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
2586	2586	2350	ENV	Max	0.00	0.1086	0.3528	0.0341
2586	2586	2351	ENV	Max	0.00	0.0906	0.2703	0.0452
2586	2586	2355	ENV	Max	0.00	0.1465	0.2655	0.0482
2586	2586	2354	ENV	Max	0.00	0.1740	0.3621	0.0371
2586	2586	2350	ENV	Min	0.00	-0.1324	-0.7000	-0.0534
2586	2586	2351	ENV	Min	0.00	-0.2093	-1.0220	-0.0767
2586	2586	2355	ENV	Min	0.00	-0.1869	-0.9593	-0.0779
2586	2586	2354	ENV	Min	0.00	-0.1455	-0.6947	-0.0547
2587	2587	2351	ENV	Max	0.00	0.0908	0.2735	0.0375
2587	2587	2352	ENV	Max	0.00	0.8873	4.6061	0.0288
2587	2587	2356	ENV	Max	0.00	0.7959	4.2630	0.0364
2587	2587	2355	ENV	Max	0.00	0.1459	0.2654	0.0477
2587	2587	2351	ENV	Min	0.00	-0.2110	-1.0326	-0.0928
2587	2587	2352	ENV	Min	0.00	-0.5404	-2.7073	-0.0489
2587	2587	2356	ENV	Min	0.00	-0.4370	-2.5482	-0.0321
2587	2587	2355	ENV	Min	0.00	-0.1859	-0.9569	-0.0785
2588	2588	2352	ENV	Max	0.00	0.8960	4.6497	0.2491
2588	2588	2353	ENV	Max	0.00	4.0051	21.7115	0.8023
2588	2588	2357	ENV	Max	0.00	4.1743	21.0778	0.9114
2588	2588	2356	ENV	Max	0.00	0.7927	4.2469	0.3573
2588	2588	2352	ENV	Min	0.00	-0.5431	-2.7206	-0.1698
2588	2588	2353	ENV	Min	0.00	-1.7579	-9.4265	-0.5816
2588	2588	2357	ENV	Min	0.00	-1.7455	-9.0738	-0.6633
2588	2588	2356	ENV	Min	0.00	-0.4357	-2.5414	-0.2505
2589	2589	2353	ENV	Max	0.00	4.0497	21.9341	1.7487
2589	2589	481	ENV	Max	0.00	2.6576	11.1970	1.5537
2589	2589	482	ENV	Max	0.00	1.6123	10.0979	1.0329
2589	2589	2357	ENV	Max	0.00	4.1675	21.0464	1.2212
2589	2589	2353	ENV	Min	0.00	-1.7700	-9.4862	-1.3021
2589	2589	481	ENV	Min	0.00	0.0886	-1.4069	-1.2490
2589	2589	482	ENV	Min	0.00	0.3874	0.5919	-0.8666
2589	2589	2357	ENV	Min	0.00	-1.7453	-9.0753	-0.9130
2590	2590	473	ENV	Max	0.00	0.1847	0.3692	0.0236
2590	2590	2354	ENV	Max	0.00	0.1735	0.3610	0.0283
2590	2590	2358	ENV	Max	0.00	0.1639	0.3544	0.0301
2590	2590	474	ENV	Max	0.00	0.1595	0.3626	0.0264
2590	2590	473	ENV	Min	0.00	-0.2061	-0.7899	-0.0590
2590	2590	2354	ENV	Min	0.00	-0.1428	-0.6924	-0.0553
2590	2590	2358	ENV	Min	0.00	-0.2116	-0.7069	-0.0650
2590	2590	474	ENV	Min	0.00	-0.2415	-0.8219	-0.0696
2591	2591	2354	ENV	Max	0.00	0.1735	0.3619	0.0405
2591	2591	2355	ENV	Max	0.00	0.1483	0.2658	0.0541
2591	2591	2359	ENV	Max	0.00	0.1140	0.2518	0.0607
2591	2591	2358	ENV	Max	0.00	0.1627	0.3529	0.0471
2591	2591	2354	ENV	Min	0.00	-0.1429	-0.6942	-0.0659
2591	2591	2355	ENV	Min	0.00	-0.1944	-0.9607	-0.0760
2591	2591	2359	ENV	Min	0.00	-0.2144	-0.9640	-0.0851
2591	2591	2358	ENV	Min	0.00	-0.2110	-0.7085	-0.0751
2592	2592	2355	ENV	Max	0.00	0.1477	0.2656	0.0584
2592	2592	2356	ENV	Max	0.00	0.8209	4.2680	0.0747
2592	2592	2360	ENV	Max	0.00	0.8219	3.9233	0.0997

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Area	AreaElem	Joint	OutputCase	StepType	FVM	M11	M22	M12
					KN/m	KN-m/m	KN-m/m	KN-m/m
2592	2592	2359	ENV	Max	0.00	0.1126	0.2508	0.0462
2592	2592	2355	ENV	Min	0.00	-0.1933	-0.9583	-0.0759
2592	2592	2356	ENV	Min	0.00	-0.4387	-2.5485	-0.0406
2592	2592	2360	ENV	Min	0.00	-0.5016	-2.4034	-0.0522
2592	2592	2359	ENV	Min	0.00	-0.2134	-0.9653	-0.0504
2593	2593	2356	ENV	Max	0.00	0.8176	4.2519	0.4124
2593	2593	2357	ENV	Max	0.00	4.0893	21.0616	0.9520
2593	2593	2361	ENV	Max	0.00	4.0465	20.2606	0.9226
2593	2593	2360	ENV	Max	0.00	0.8262	3.9481	0.3830
2593	2593	2356	ENV	Min	0.00	-0.4373	-2.5417	-0.2890
2593	2593	2357	ENV	Min	0.00	-1.7499	-9.0755	-0.6857
2593	2593	2361	ENV	Min	0.00	-1.7435	-8.6667	-0.6350
2593	2593	2360	ENV	Min	0.00	-0.5025	-2.4117	-0.2383
2594	2594	2357	ENV	Max	0.00	4.0830	21.0302	1.3236
2594	2594	482	ENV	Max	0.00	2.5583	10.2976	0.8164
2594	2594	483	ENV	Max	0.00	2.5116	8.7109	1.0933
2594	2594	2361	ENV	Max	0.00	4.0583	20.3198	1.6088
2594	2594	2357	ENV	Min	0.00	-1.7502	-9.0770	-0.9670
2594	2594	482	ENV	Min	0.00	-0.2967	0.4445	-0.7334
2594	2594	483	ENV	Min	0.00	-0.5094	3.3307	-0.9739
2594	2594	2361	ENV	Min	0.00	-1.7447	-8.6735	-1.2157
2595	2595	474	ENV	Max	0.00	0.1580	0.3621	0.0263
2595	2595	2358	ENV	Max	0.00	0.1580	0.3537	0.0317
2595	2595	2362	ENV	Max	0.00	0.3192	0.2406	0.0269
2595	2595	475	ENV	Max	0.00	0.3526	0.2483	0.0257
2595	2595	474	ENV	Min	0.00	-0.2364	-0.8207	-0.0581
2595	2595	2358	ENV	Min	0.00	-0.1998	-0.7050	-0.0787
2595	2595	2362	ENV	Min	0.00	-1.0647	-0.7114	-0.0495
2595	2595	475	ENV	Min	0.00	-0.9469	-0.7728	-0.0330
2596	2596	2358	ENV	Max	0.00	0.1567	0.3522	0.0472
2596	2596	2359	ENV	Max	0.00	0.1430	0.2538	0.0611
2596	2596	2363	ENV	Max	0.00	0.4520	0.1617	0.0518
2596	2596	2362	ENV	Max	0.00	0.3224	0.2531	0.0447
2596	2596	2358	ENV	Min	0.00	-0.1992	-0.7066	-0.0816
2596	2596	2359	ENV	Min	0.00	-0.2505	-0.9674	-0.0922
2596	2596	2363	ENV	Min	0.00	-1.1645	-1.0316	-0.1029
2596	2596	2362	ENV	Min	0.00	-1.0683	-0.7257	-0.0991
2597	2597	2359	ENV	Max	0.00	0.1416	0.2527	0.0461
2597	2597	2360	ENV	Max	0.00	0.8140	3.9349	0.0999
2597	2597	2364	ENV	Max	0.00	0.9789	3.6990	0.0758
2597	2597	2363	ENV	Max	0.00	0.4543	0.1739	0.0582
2597	2597	2359	ENV	Min	0.00	-0.2496	-0.9687	-0.0564
2597	2597	2360	ENV	Min	0.00	-0.4674	-2.4097	-0.0420
2597	2597	2364	ENV	Min	0.00	-1.2083	-2.5138	-0.0309
2597	2597	2363	ENV	Min	0.00	-1.1675	-1.0471	-0.0815
2598	2598	2360	ENV	Max	0.00	0.8186	3.9597	0.4022
2598	2598	2361	ENV	Max	0.00	3.9218	20.2129	0.9295
2598	2598	2365	ENV	Max	0.00	3.9858	19.8871	0.9512
2598	2598	2364	ENV	Max	0.00	0.9651	3.6295	0.4237
2598	2598	2360	ENV	Min	0.00	-0.4687	-2.4181	-0.2327
2598	2598	2361	ENV	Min	0.00	-1.7243	-8.6401	-0.6126

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Area	AreaElem	Joint	OutputCase	StepType	FVM	M11	M22	M12
					KN/m	KN-m/m	KN-m/m	KN-m/m
2598	2598	2365	ENV	Min	0.00	-2.1330	-8.6604	-0.6202
2598	2598	2364	ENV	Min	0.00	-1.2043	-2.4934	-0.2401
2599	2599	2361	ENV	Max	0.00	3.9351	20.2723	1.5835
2599	2599	483	ENV	Max	0.00	2.6117	8.6613	1.1131
2599	2599	484	ENV	Max	0.00	1.6856	10.6439	0.8651
2599	2599	2365	ENV	Max	0.00	3.9398	19.6568	1.3331
2599	2599	2361	ENV	Min	0.00	-1.7271	-8.6471	-1.1654
2599	2599	483	ENV	Min	0.00	-0.2288	3.4565	-0.9143
2599	2599	484	ENV	Min	0.00	0.1121	2.7241	-0.5987
2599	2599	2365	ENV	Min	0.00	-2.1285	-8.6381	-0.8473
2600	2600	475	ENV	Max	0.00	0.3570	0.2473	0.1686
2600	2600	2362	ENV	Max	0.00	0.3260	0.2396	0.0316
2600	2600	2366	ENV	Max	0.00	0.0288	0.0143	0.1345
2600	2600	476	ENV	Max	0.00	0.2154	-0.0836	0.3402
2600	2600	475	ENV	Min	0.00	-0.9421	-0.7700	-0.0541
2600	2600	2362	ENV	Min	0.00	-1.0612	-0.7083	-0.0554
2600	2600	2366	ENV	Min	0.00	-2.5617	-0.5968	-0.0354
2600	2600	476	ENV	Min	0.00	-2.1562	-0.4263	-0.1029
2601	2601	2362	ENV	Max	0.00	0.3292	0.2521	0.0490
2601	2601	2363	ENV	Max	0.00	0.4615	0.1617	0.0846
2601	2601	2367	ENV	Max	0.00	0.5687	-0.0564	0.1494
2601	2601	2366	ENV	Max	0.00	0.0139	-0.0620	0.1145
2601	2601	2362	ENV	Min	0.00	-1.0648	-0.7226	-0.0978
2601	2601	2363	ENV	Min	0.00	-1.1650	-1.0297	-0.2213
2601	2601	2367	ENV	Min	0.00	-2.8895	-1.0368	-0.3568
2601	2601	2366	ENV	Min	0.00	-2.5487	-0.5301	-0.2341
2602	2602	2363	ENV	Max	0.00	0.4638	0.1739	0.0772
2602	2602	2364	ENV	Max	0.00	0.9565	3.6945	0.0744
2602	2602	2368	ENV	Max	0.00	1.9312	3.0131	0.0434
2602	2602	2367	ENV	Max	0.00	0.5356	-0.0482	0.1231
2602	2602	2363	ENV	Min	0.00	-1.1680	-1.0453	-0.1795
2602	2602	2364	ENV	Min	0.00	-1.1926	-2.5107	-0.0381
2602	2602	2368	ENV	Min	0.00	-3.0138	-2.5493	-0.1707
2602	2602	2367	ENV	Min	0.00	-2.8735	-1.1303	-0.3890
2603	2603	2364	ENV	Max	0.00	0.9427	3.6250	0.3388
2603	2603	2365	ENV	Max	0.00	3.8524	19.8607	0.9054
2603	2603	2369	ENV	Max	0.00	3.1381	18.8557	1.0977
2603	2603	2368	ENV	Max	0.00	1.9600	3.1883	0.5458
2603	2603	2364	ENV	Min	0.00	-1.1886	-2.4902	-0.2129
2603	2603	2365	ENV	Min	0.00	-2.0854	-8.6511	-0.4869
2603	2603	2369	ENV	Min	0.00	-3.0267	-8.7223	-0.5558
2603	2603	2368	ENV	Min	0.00	-3.0160	-2.5917	-0.2965
2604	2604	2365	ENV	Max	0.00	3.8064	19.6304	1.3478
2604	2604	484	ENV	Max	0.00	1.6069	10.6276	0.8220
2604	2604	485	ENV	Max	0.00	1.7879	13.4472	0.8467
2604	2604	2369	ENV	Max	0.00	3.3854	20.0939	1.3763
2604	2604	2365	ENV	Min	0.00	-2.0810	-8.6288	-0.7466
2604	2604	484	ENV	Min	0.00	0.6707	2.8363	-0.6039
2604	2604	485	ENV	Min	0.00	0.0186	1.0019	-0.7769
2604	2604	2369	ENV	Min	0.00	-3.0794	-8.9873	-0.9234
2605	2605	476	ENV	Max	0.00	0.2091	-0.0840	0.7640

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Area	AreaElem	Joint	OutputCase	StepType	FVM	M11	M22	M12
					KN/m	KN-m/m	KN-m/m	KN-m/m
2605	2605	2366	ENV	Max	0.00	0.0200	0.0128	0.2801
2605	2605	2370	ENV	Max	0.00	-0.0250	0.6197	0.5545
2605	2605	477	ENV	Max	0.00	0.7234	0.7176	1.0619
2605	2605	476	ENV	Min	0.00	-2.1535	-0.4267	-0.2346
2605	2605	2366	ENV	Min	0.00	-2.5564	-0.5959	-0.1122
2605	2605	2370	ENV	Min	0.00	-2.9956	-0.6955	-0.1951
2605	2605	477	ENV	Min	0.00	-3.1186	-0.5373	-0.3410
2606	2606	2366	ENV	Max	0.00	0.0051	-0.0635	0.1767
2606	2606	2367	ENV	Max	0.00	0.6254	-0.0497	0.3166
2606	2606	2371	ENV	Max	0.00	-0.5290	0.0268	0.4138
2606	2606	2370	ENV	Max	0.00	-0.0683	0.6248	0.3177
2606	2606	2366	ENV	Min	0.00	-2.5435	-0.5293	-0.2402
2606	2606	2367	ENV	Min	0.00	-2.9100	-1.0362	-0.7678
2606	2606	2371	ENV	Min	0.00	-2.6303	-0.5004	-0.9137
2606	2606	2370	ENV	Min	0.00	-2.9347	-0.6121	-0.4299
2607	2607	2367	ENV	Max	0.00	0.5923	-0.0510	0.3089
2607	2607	2368	ENV	Max	0.00	1.8746	3.0005	0.0742
2607	2607	2372	ENV	Max	0.00	1.8156	0.3684	0.3259
2607	2607	2371	ENV	Max	0.00	-0.5730	0.0866	0.5611
2607	2607	2367	ENV	Min	0.00	-2.8940	-1.1203	-0.8947
2607	2607	2368	ENV	Min	0.00	-2.9642	-2.5381	-0.4974
2607	2607	2372	ENV	Min	0.00	-3.1318	-1.5797	-1.2274
2607	2607	2371	ENV	Min	0.00	-2.5579	-0.4184	-1.6252
2608	2608	2368	ENV	Max	0.00	1.9034	3.1757	0.6257
2608	2608	2369	ENV	Max	0.00	3.2413	18.8760	1.8664
2608	2608	2373	ENV	Max	0.00	6.8954	18.9179	1.9478
2608	2608	2372	ENV	Max	0.00	1.6334	-0.5457	0.7073
2608	2608	2368	ENV	Min	0.00	-2.9664	-2.5805	-0.3788
2608	2608	2369	ENV	Min	0.00	-3.1519	-8.7470	-1.0020
2608	2608	2373	ENV	Min	0.00	-4.1318	-8.2205	-1.2403
2608	2608	2372	ENV	Min	0.00	-3.0837	-1.3362	-0.6173
2609	2609	2369	ENV	Max	0.00	3.4887	20.1142	1.9185
2609	2609	485	ENV	Max	0.00	1.7868	13.6301	1.1174
2609	2609	486	ENV	Max	0.00	3.2365	20.1782	3.4480
2609	2609	2373	ENV	Max	0.00	6.1457	15.1720	4.3193
2609	2609	2369	ENV	Min	0.00	-3.2046	-9.0121	-1.1650
2609	2609	485	ENV	Min	0.00	-0.6043	0.6943	-1.1812
2609	2609	486	ENV	Min	0.00	-7.0268	0.2649	-2.1400
2609	2609	2373	ENV	Min	0.00	-4.0239	-7.6835	-2.1939
2610	2610	477	ENV	Max	0.00	0.6951	0.7091	1.3263
2610	2610	2370	ENV	Max	0.00	-0.0511	0.6083	0.7293
2610	2610	2374	ENV	Max	0.00	14.9480	3.3481	0.4964
2610	2610	63	ENV	Max	0.00	13.6017	4.1953	0.9997
2610	2610	477	ENV	Min	0.00	-3.1234	-0.5354	-0.4662
2610	2610	2370	ENV	Min	0.00	-3.0012	-0.6904	-0.2747
2610	2610	2374	ENV	Min	0.00	-6.0921	-0.2786	-0.2933
2610	2610	63	ENV	Min	0.00	-6.8872	-1.4089	-0.3910
2611	2611	2370	ENV	Max	0.00	-0.0944	0.6135	0.4050
2611	2611	2371	ENV	Max	0.00	-0.5314	0.0265	0.5278
2611	2611	2375	ENV	Max	0.00	15.6366	3.5042	0.3951
2611	2611	2374	ENV	Max	0.00	15.1107	4.1353	0.3808

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Area	AreaElem	Joint	OutputCase	StepType	FVM	M11	M22	M12
					KN/m	KN-m/m	KN-m/m	KN-m/m
2611	2611	2370	ENV	Min	0.00	-2.9402	-0.6072	-0.4617
2611	2611	2371	ENV	Min	0.00	-2.7006	-0.5147	-1.0344
2611	2611	2375	ENV	Min	0.00	-7.2018	-0.3010	-0.8108
2611	2611	2374	ENV	Min	0.00	-6.3214	-1.3985	-0.3467
2612	2612	2371	ENV	Max	0.00	-0.5763	0.0677	0.8630
2612	2612	2372	ENV	Max	0.00	1.8642	0.3660	0.6112
2612	2612	2376	ENV	Max	0.00	15.0737	3.0657	0.4532
2612	2612	2375	ENV	Max	0.00	15.8579	4.4167	0.6233
2612	2612	2371	ENV	Min	0.00	-2.6273	-0.4140	-2.1264
2612	2612	2372	ENV	Min	0.00	-3.2029	-1.5818	-2.1912
2612	2612	2376	ENV	Min	0.00	-12.5229	-3.3002	-1.5081
2612	2612	2375	ENV	Min	0.00	-7.4672	-1.4344	-1.3615
2613	2613	2372	ENV	Max	0.00	1.6835	-0.5248	0.0944
2613	2613	2373	ENV	Max	0.00	7.5400	19.0458	2.8460
2613	2613	2377	ENV	Max	0.00	11.3098	2.4689	2.6279
2613	2613	2376	ENV	Max	0.00	15.3032	3.2309	0.5699
2613	2613	2372	ENV	Min	0.00	-3.1563	-1.3616	-1.4403
2613	2613	2373	ENV	Min	0.00	-4.3280	-8.2586	-1.5648
2613	2613	2377	ENV	Min	0.00	-12.0181	-4.3298	-1.2164
2613	2613	2376	ENV	Min	0.00	-12.5543	-2.4747	-1.7853
2614	2614	2373	ENV	Max	0.00	6.7893	15.2996	7.6973
2614	2614	486	ENV	Max	0.00	4.0911	20.0561	6.1100
2614	2614	23	ENV	Max	0.00	45.9920	37.0281	2.4473
2614	2614	2377	ENV	Max	0.00	11.7372	16.5758	3.0398
2614	2614	2373	ENV	Min	0.00	-4.2192	-7.7215	-3.3590
2614	2614	486	ENV	Min	0.00	-7.6959	0.4241	-3.8115
2614	2614	23	ENV	Min	0.00	-11.8153	-5.7236	-3.3912
2614	2614	2377	ENV	Min	0.00	-9.6682	-4.5498	-1.9439
2615	2615	19	ENV	Max	0.00	5.7362	32.3030	9.0295
2615	2615	2330	ENV	Max	0.00	26.0443	8.9880	2.1127
2615	2615	2378	ENV	Max	0.00	20.9148	15.2686	2.5802
2615	2615	21	ENV	Max	0.00	23.9458	11.0055	9.9242
2615	2615	19	ENV	Min	0.00	-13.5732	-61.6339	-6.8405
2615	2615	2330	ENV	Min	0.00	-43.8999	-4.9943	-4.5378
2615	2615	2378	ENV	Min	0.00	-17.9517	-10.6038	-3.7241
2615	2615	21	ENV	Min	0.00	-33.3546	-8.7639	-6.4542
2616	2616	2330	ENV	Max	0.00	25.2699	9.6283	2.7271
2616	2616	2331	ENV	Max	0.00	17.0491	8.1793	2.3712
2616	2616	2379	ENV	Max	0.00	15.9751	5.3841	0.2575
2616	2616	2378	ENV	Max	0.00	21.1598	16.4941	0.4290
2616	2616	2330	ENV	Min	0.00	-43.6367	-8.1904	-4.5591
2616	2616	2331	ENV	Min	0.00	-27.0564	-1.4040	-2.9953
2616	2616	2379	ENV	Min	0.00	-19.5814	-5.5301	-1.3317
2616	2616	2378	ENV	Min	0.00	-17.8202	-9.9468	-2.7110
2617	2617	2331	ENV	Max	0.00	17.4492	6.4327	0.5079
2617	2617	2332	ENV	Max	0.00	18.4555	4.9070	0.7047
2617	2617	2380	ENV	Max	0.00	9.1236	2.2865	0.8734
2617	2617	2379	ENV	Max	0.00	17.1546	11.2881	-0.0462
2617	2617	2331	ENV	Min	0.00	-29.9646	-12.1981	-1.0028
2617	2617	2332	ENV	Min	0.00	-22.0442	-2.2217	-1.9254
2617	2617	2380	ENV	Min	0.00	-18.8761	-3.6960	-2.4529

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Area	AreaElem	Joint	OutputCase	StepType	FVM	M11	M22	M12
					KN/m	KN-m/m	KN-m/m	KN-m/m
2617	2617	2379	ENV	Min	0.00	-20.0335	-7.7971	-0.8075
2618	2618	2332	ENV	Max	0.00	18.1662	3.3393	0.5071
2618	2618	2333	ENV	Max	0.00	16.8722	5.9785	0.1450
2618	2618	2381	ENV	Max	0.00	5.3321	1.5986	0.2965
2618	2618	2380	ENV	Max	0.00	9.1944	3.0476	0.7400
2618	2618	2332	ENV	Min	0.00	-22.1211	-2.4858	-1.3971
2618	2618	2333	ENV	Min	0.00	-13.8475	-1.5376	-0.4965
2618	2618	2381	ENV	Min	0.00	-20.0702	-3.6110	-1.0212
2618	2618	2380	ENV	Min	0.00	-18.8030	-3.7378	-2.0032
2619	2619	2333	ENV	Max	0.00	16.6839	3.1478	0.0983
2619	2619	63	ENV	Max	0.00	16.7098	5.1265	0.1278
2619	2619	487	ENV	Max	0.00	3.5015	1.5884	0.2456
2619	2619	2381	ENV	Max	0.00	5.4729	2.9702	0.1284
2619	2619	2333	ENV	Min	0.00	-14.4224	-2.5228	-0.3291
2619	2619	63	ENV	Min	0.00	-10.5160	-1.7574	-0.4599
2619	2619	487	ENV	Min	0.00	-20.9462	-3.9912	-0.7794
2619	2619	2381	ENV	Min	0.00	-20.0224	-4.0399	-0.5609
2620	2620	63	ENV	Max	0.00	16.4366	3.8449	0.0954
2620	2620	2374	ENV	Max	0.00	15.9989	4.6372	0.0403
2620	2620	2382	ENV	Max	0.00	1.1257	0.6587	-0.0115
2620	2620	487	ENV	Max	0.00	3.4203	1.1837	0.0792
2620	2620	63	ENV	Min	0.00	-10.3858	-1.1912	-0.3248
2620	2620	2374	ENV	Min	0.00	-7.7891	-1.6969	-0.1737
2620	2620	2382	ENV	Min	0.00	-20.2234	-3.3740	-0.2300
2620	2620	487	ENV	Min	0.00	-20.8474	-3.4988	-0.4166
2621	2621	2374	ENV	Max	0.00	15.7665	3.4532	0.1134
2621	2621	2375	ENV	Max	0.00	14.8350	4.8175	0.1041
2621	2621	2383	ENV	Max	0.00	0.3973	1.3378	0.3234
2621	2621	2382	ENV	Max	0.00	1.0723	0.5137	0.1027
2621	2621	2374	ENV	Min	0.00	-7.6233	-0.8457	-0.2629
2621	2621	2375	ENV	Min	0.00	-6.5890	-1.6522	-0.1924
2621	2621	2383	ENV	Min	0.00	-19.6302	-3.9468	-0.3768
2621	2621	2382	ENV	Min	0.00	-20.2002	-3.3800	-0.2173
2622	2622	2375	ENV	Max	0.00	14.6046	3.4861	0.5339
2622	2622	2376	ENV	Max	0.00	9.3926	3.2200	1.0594
2622	2622	2384	ENV	Max	0.00	-1.0258	-1.5847	1.2314
2622	2622	2383	ENV	Max	0.00	0.2170	0.4367	0.6553
2622	2622	2375	ENV	Min	0.00	-6.4028	-0.5415	-0.4116
2622	2622	2376	ENV	Min	0.00	-6.5509	-3.3963	-0.3212
2622	2622	2384	ENV	Min	0.00	-14.1368	-4.9818	-0.5197
2622	2622	2383	ENV	Min	0.00	-19.4799	-3.1964	-0.5596
2623	2623	2376	ENV	Max	0.00	9.0290	1.4406	2.5412
2623	2623	2377	ENV	Max	0.00	12.3702	0.5208	2.5602
2623	2623	2385	ENV	Max	0.00	17.2093	15.5546	0.7095
2623	2623	2384	ENV	Max	0.00	-1.2965	-1.2514	2.0563
2623	2623	2376	ENV	Min	0.00	-5.9892	-0.6262	-0.6723
2623	2623	2377	ENV	Min	0.00	-16.4972	-3.0655	-1.8433
2623	2623	2385	ENV	Min	0.00	-21.0709	-7.6948	-0.3987
2623	2623	2384	ENV	Min	0.00	-14.0742	-6.3556	-0.5935
2624	2624	2377	ENV	Max	0.00	13.1309	15.7366	1.1386
2624	2624	23	ENV	Max	0.00	50.3388	36.8984	4.6028

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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
2624	2624	24	ENV	Max	0.00	37.1604	108.3904	2.9550
2624	2624	2385	ENV	Max	0.00	15.3150	2.4105	4.8251
2624	2624	2377	ENV	Min	0.00	-14.4806	-4.3943	-3.0613
2624	2624	23	ENV	Min	0.00	-13.8514	-5.1318	-18.9043
2624	2624	24	ENV	Min	0.00	-64.5003	-14.7352	-15.8007
2624	2624	2385	ENV	Min	0.00	-21.5444	-6.3896	-5.2919

Table: Element Forces - Area Shells, Part 4 of 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
21	21	20	ENV	Max	0.0000	0.0000	0.000	121.14
21	21	343	ENV	Max	0.0000	0.0000	0.000	121.14
21	21	58	ENV	Max	0.0000	0.0000	0.000	87.29
21	21	50	ENV	Max	0.0000	0.0000	0.000	87.29
21	21	20	ENV	Min	0.0000	0.0000	0.000	-119.80
21	21	343	ENV	Min	0.0000	0.0000	0.000	-119.80
21	21	58	ENV	Min	0.0000	0.0000	0.000	-88.74
21	21	50	ENV	Min	0.0000	0.0000	0.000	-88.74
23	23	343	ENV	Max	0.0000	0.0000	0.000	77.71
23	23	354	ENV	Max	0.0000	0.0000	0.000	77.71
23	23	66	ENV	Max	0.0000	0.0000	0.000	127.99
23	23	58	ENV	Max	0.0000	0.0000	0.000	127.99
23	23	343	ENV	Min	0.0000	0.0000	0.000	-77.33
23	23	354	ENV	Min	0.0000	0.0000	0.000	-77.33
23	23	66	ENV	Min	0.0000	0.0000	0.000	-118.39
23	23	58	ENV	Min	0.0000	0.0000	0.000	-118.39
25	25	354	ENV	Max	0.0000	0.0000	0.000	20.97
25	25	365	ENV	Max	0.0000	0.0000	0.000	20.97
25	25	67	ENV	Max	0.0000	0.0000	0.000	26.29
25	25	66	ENV	Max	0.0000	0.0000	0.000	26.29
25	25	354	ENV	Min	0.0000	0.0000	0.000	-18.64
25	25	365	ENV	Min	0.0000	0.0000	0.000	-18.64
25	25	67	ENV	Min	0.0000	0.0000	0.000	-29.28
25	25	66	ENV	Min	0.0000	0.0000	0.000	-29.28
27	27	365	ENV	Max	0.0000	0.0000	0.000	6.28
27	27	376	ENV	Max	0.0000	0.0000	0.000	6.28
27	27	68	ENV	Max	0.0000	0.0000	0.000	4.45
27	27	67	ENV	Max	0.0000	0.0000	0.000	4.45
27	27	365	ENV	Min	0.0000	0.0000	0.000	-4.24
27	27	376	ENV	Min	0.0000	0.0000	0.000	-4.24
27	27	68	ENV	Min	0.0000	0.0000	0.000	-3.84
27	27	67	ENV	Min	0.0000	0.0000	0.000	-3.84
29	29	376	ENV	Max	0.0000	0.0000	0.000	2.81
29	29	387	ENV	Max	0.0000	0.0000	0.000	2.81
29	29	72	ENV	Max	0.0000	0.0000	0.000	3.90
29	29	68	ENV	Max	0.0000	0.0000	0.000	3.90
29	29	376	ENV	Min	0.0000	0.0000	0.000	-0.63
29	29	387	ENV	Min	0.0000	0.0000	0.000	-0.63
29	29	72	ENV	Min	0.0000	0.0000	0.000	-2.94

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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
29	29	68	ENV	Min	0.0000	0.0000	0.000	-2.94
31	31	387	ENV	Max	0.0000	0.0000	0.000	2.56
31	31	398	ENV	Max	0.0000	0.0000	0.000	2.56
31	31	74	ENV	Max	0.0000	0.0000	0.000	3.31
31	31	72	ENV	Max	0.0000	0.0000	0.000	3.31
31	31	387	ENV	Min	0.0000	0.0000	0.000	-0.80
31	31	398	ENV	Min	0.0000	0.0000	0.000	-0.80
31	31	74	ENV	Min	0.0000	0.0000	0.000	-2.62
31	31	72	ENV	Min	0.0000	0.0000	0.000	-2.62
33	33	398	ENV	Max	0.0000	0.0000	0.000	3.12
33	33	409	ENV	Max	0.0000	0.0000	0.000	3.12
33	33	75	ENV	Max	0.0000	0.0000	0.000	2.42
33	33	74	ENV	Max	0.0000	0.0000	0.000	2.42
33	33	398	ENV	Min	0.0000	0.0000	0.000	-1.66
33	33	409	ENV	Min	0.0000	0.0000	0.000	-1.66
33	33	75	ENV	Min	0.0000	0.0000	0.000	-2.12
33	33	74	ENV	Min	0.0000	0.0000	0.000	-2.12
35	35	409	ENV	Max	0.0000	0.0000	0.000	4.36
35	35	420	ENV	Max	0.0000	0.0000	0.000	4.36
35	35	76	ENV	Max	0.0000	0.0000	0.000	2.75
35	35	75	ENV	Max	0.0000	0.0000	0.000	2.75
35	35	409	ENV	Min	0.0000	0.0000	0.000	-3.05
35	35	420	ENV	Min	0.0000	0.0000	0.000	-3.05
35	35	76	ENV	Min	0.0000	0.0000	0.000	-2.70
35	35	75	ENV	Min	0.0000	0.0000	0.000	-2.70
37	37	420	ENV	Max	0.0000	0.0000	0.000	1.84
37	37	431	ENV	Max	0.0000	0.0000	0.000	1.84
37	37	77	ENV	Max	0.0000	0.0000	0.000	1.43
37	37	76	ENV	Max	0.0000	0.0000	0.000	1.43
37	37	420	ENV	Min	0.0000	0.0000	0.000	-0.32
37	37	431	ENV	Min	0.0000	0.0000	0.000	-0.32
37	37	77	ENV	Min	0.0000	0.0000	0.000	-2.42
37	37	76	ENV	Min	0.0000	0.0000	0.000	-2.42
39	39	431	ENV	Max	0.0000	0.0000	0.000	27.30
39	39	61	ENV	Max	0.0000	0.0000	0.000	27.30
39	39	78	ENV	Max	0.0000	0.0000	0.000	17.48
39	39	77	ENV	Max	0.0000	0.0000	0.000	17.48
39	39	431	ENV	Min	0.0000	0.0000	0.000	-29.28
39	39	61	ENV	Min	0.0000	0.0000	0.000	-29.28
39	39	78	ENV	Min	0.0000	0.0000	0.000	-20.79
39	39	77	ENV	Min	0.0000	0.0000	0.000	-20.79
41	41	61	ENV	Max	0.0000	0.0000	0.000	83.76
41	41	62	ENV	Max	0.0000	0.0000	0.000	83.76
41	41	79	ENV	Max	0.0000	0.0000	0.000	90.04
41	41	78	ENV	Max	0.0000	0.0000	0.000	90.04
41	41	61	ENV	Min	0.0000	0.0000	0.000	-79.85
41	41	62	ENV	Min	0.0000	0.0000	0.000	-79.85
41	41	79	ENV	Min	0.0000	0.0000	0.000	-85.79
41	41	78	ENV	Min	0.0000	0.0000	0.000	-85.79
43	43	62	ENV	Max	0.0000	0.0000	0.000	99.05
43	43	19	ENV	Max	0.0000	0.0000	0.000	99.05

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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
43	43	73	ENV	Max	0.0000	0.0000	0.000	102.06
43	43	79	ENV	Max	0.0000	0.0000	0.000	102.06
43	43	62	ENV	Min	0.0000	0.0000	0.000	-96.11
43	43	19	ENV	Min	0.0000	0.0000	0.000	-96.11
43	43	73	ENV	Min	0.0000	0.0000	0.000	-100.73
43	43	79	ENV	Min	0.0000	0.0000	0.000	-100.73
45	45	63	ENV	Max	0.0000	0.0000	0.000	3.23
45	45	2374	ENV	Max	0.0000	0.0000	0.000	6.68
45	45	82	ENV	Max	0.0000	0.0000	0.000	13.63
45	45	83	ENV	Max	0.0000	0.0000	0.000	10.07
45	45	63	ENV	Min	0.0000	0.0000	0.000	-4.52
45	45	2374	ENV	Min	0.0000	0.0000	0.000	-7.29
45	45	82	ENV	Min	0.0000	0.0000	0.000	-12.87
45	45	83	ENV	Min	0.0000	0.0000	0.000	-9.98
47	47	2374	ENV	Max	0.0000	0.0000	0.000	2.33
47	47	2375	ENV	Max	0.0000	0.0000	0.000	8.15
47	47	84	ENV	Max	0.0000	0.0000	0.000	17.15
47	47	82	ENV	Max	0.0000	0.0000	0.000	11.27
47	47	2374	ENV	Min	0.0000	0.0000	0.000	-3.18
47	47	2375	ENV	Min	0.0000	0.0000	0.000	-8.46
47	47	84	ENV	Min	0.0000	0.0000	0.000	-16.40
47	47	82	ENV	Min	0.0000	0.0000	0.000	-11.05
52	52	2375	ENV	Max	0.0000	0.0000	0.000	1.50
52	52	2376	ENV	Max	0.0000	0.0000	0.000	4.72
52	52	85	ENV	Max	0.0000	0.0000	0.000	12.98
52	52	84	ENV	Max	0.0000	0.0000	0.000	9.73
52	52	2375	ENV	Min	0.0000	0.0000	0.000	-2.76
52	52	2376	ENV	Min	0.0000	0.0000	0.000	-5.55
52	52	85	ENV	Min	0.0000	0.0000	0.000	-12.76
52	52	84	ENV	Min	0.0000	0.0000	0.000	-9.93
54	54	2376	ENV	Max	0.0000	0.0000	0.000	0.52
54	54	2377	ENV	Max	0.0000	0.0000	0.000	7.61
54	54	86	ENV	Max	0.0000	0.0000	0.000	17.13
54	54	85	ENV	Max	0.0000	0.0000	0.000	10.14
54	54	2376	ENV	Min	0.0000	0.0000	0.000	-1.79
54	54	2377	ENV	Min	0.0000	0.0000	0.000	-7.42
54	54	86	ENV	Min	0.0000	0.0000	0.000	-16.84
54	54	85	ENV	Min	0.0000	0.0000	0.000	-11.31
57	57	3	ENV	Max	0.0000	0.0000	0.000	11.34
57	57	44	ENV	Max	0.0000	0.0000	0.000	11.34
57	57	54	ENV	Max	0.0000	0.0000	0.000	8.45
57	57	55	ENV	Max	0.0000	0.0000	0.000	8.45
57	57	3	ENV	Min	0.0000	0.0000	0.000	-7.55
57	57	44	ENV	Min	0.0000	0.0000	0.000	-7.55
57	57	54	ENV	Min	0.0000	0.0000	0.000	-22.35
57	57	55	ENV	Min	0.0000	0.0000	0.000	-22.35
59	59	2377	ENV	Max	0.0000	0.0000	0.000	12.33
59	59	23	ENV	Max	0.0000	0.0000	0.000	3.65
59	59	80	ENV	Max	0.0000	0.0000	0.000	7.49
59	59	86	ENV	Max	0.0000	0.0000	0.000	10.18
59	59	2377	ENV	Min	0.0000	0.0000	0.000	-2.32

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

Area	AreaElem	Joint	OutputCase	StepType	MMax KN-m/m	MMin KN-m/m	MAngle Degrees	V13 KN/m
59	59	23	ENV	Min	0.0000	0.0000	0.000	-0.92
59	59	80	ENV	Min	0.0000	0.0000	0.000	-10.88
59	59	86	ENV	Min	0.0000	0.0000	0.000	-6.28
61	61	3	ENV	Max	0.0000	0.0000	0.000	29.00
61	61	2393	ENV	Max	0.0000	0.0000	0.000	21.51
61	61	87	ENV	Max	0.0000	0.0000	0.000	20.25
61	61	55	ENV	Max	0.0000	0.0000	0.000	27.74
61	61	3	ENV	Min	0.0000	0.0000	0.000	-19.77
61	61	2393	ENV	Min	0.0000	0.0000	0.000	-19.08
61	61	87	ENV	Min	0.0000	0.0000	0.000	-15.16
61	61	55	ENV	Min	0.0000	0.0000	0.000	-15.84
62	62	42	ENV	Max	0.0000	0.0000	0.000	2.21
62	62	45	ENV	Max	0.0000	0.0000	0.000	2.21
62	62	59	ENV	Max	0.0000	0.0000	0.000	7.96
62	62	52	ENV	Max	0.0000	0.0000	0.000	7.96
62	62	42	ENV	Min	0.0000	0.0000	0.000	-7.66
62	62	45	ENV	Min	0.0000	0.0000	0.000	-7.66
62	62	59	ENV	Min	0.0000	0.0000	0.000	-10.84
62	62	52	ENV	Min	0.0000	0.0000	0.000	-10.84
65	65	2393	ENV	Max	0.0000	0.0000	0.000	4.00
65	65	2392	ENV	Max	0.0000	0.0000	0.000	8.18
65	65	88	ENV	Max	0.0000	0.0000	0.000	17.37
65	65	87	ENV	Max	0.0000	0.0000	0.000	11.69
65	65	2393	ENV	Min	0.0000	0.0000	0.000	-13.86
65	65	2392	ENV	Min	0.0000	0.0000	0.000	-13.91
65	65	88	ENV	Min	0.0000	0.0000	0.000	-14.21
65	65	87	ENV	Min	0.0000	0.0000	0.000	-12.66
67	67	2392	ENV	Max	0.0000	0.0000	0.000	3.35
67	67	2391	ENV	Max	0.0000	0.0000	0.000	6.92
67	67	89	ENV	Max	0.0000	0.0000	0.000	13.99
67	67	88	ENV	Max	0.0000	0.0000	0.000	10.38
67	67	2392	ENV	Min	0.0000	0.0000	0.000	-8.77
67	67	2391	ENV	Min	0.0000	0.0000	0.000	-9.86
67	67	89	ENV	Min	0.0000	0.0000	0.000	-13.95
67	67	88	ENV	Min	0.0000	0.0000	0.000	-12.81
69	69	61	ENV	Max	0.0000	0.0000	0.000	268.63
69	69	62	ENV	Max	0.0000	0.0000	0.000	268.63
69	69	40	ENV	Max	0.0000	0.0000	0.000	14.01
69	69	42	ENV	Max	0.0000	0.0000	0.000	14.01
69	69	61	ENV	Min	0.0000	0.0000	0.000	-73.20
69	69	62	ENV	Min	0.0000	0.0000	0.000	-73.20
69	69	40	ENV	Min	0.0000	0.0000	0.000	-32.28
69	69	42	ENV	Min	0.0000	0.0000	0.000	-32.28
70	70	62	ENV	Max	0.0000	0.0000	0.000	148.76
70	70	19	ENV	Max	0.0000	0.0000	0.000	148.76
70	70	21	ENV	Max	0.0000	0.0000	0.000	15.86
70	70	40	ENV	Max	0.0000	0.0000	0.000	15.86
70	70	62	ENV	Min	0.0000	0.0000	0.000	-99.55
70	70	19	ENV	Min	0.0000	0.0000	0.000	-99.55
70	70	21	ENV	Min	0.0000	0.0000	0.000	-28.09
70	70	40	ENV	Min	0.0000	0.0000	0.000	-28.09

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Area	AreaElem	Joint	OutputCase	StepType	MMax KN-m/m	MMin KN-m/m	MAngle Degrees	V13 KN/m
71	71	2391	ENV	Max	0.0000	0.0000	0.000	5.97
71	71	2390	ENV	Max	0.0000	0.0000	0.000	8.42
71	71	90	ENV	Max	0.0000	0.0000	0.000	14.00
71	71	89	ENV	Max	0.0000	0.0000	0.000	11.27
71	71	2391	ENV	Min	0.0000	0.0000	0.000	-10.94
71	71	2390	ENV	Min	0.0000	0.0000	0.000	-11.59
71	71	90	ENV	Min	0.0000	0.0000	0.000	-12.94
71	71	89	ENV	Min	0.0000	0.0000	0.000	-12.00
73	73	2390	ENV	Max	0.0000	0.0000	0.000	3.58
73	73	65	ENV	Max	0.0000	0.0000	0.000	7.71
73	73	91	ENV	Max	0.0000	0.0000	0.000	17.20
73	73	90	ENV	Max	0.0000	0.0000	0.000	12.58
73	73	2390	ENV	Min	0.0000	0.0000	0.000	-7.24
73	73	65	ENV	Min	0.0000	0.0000	0.000	-9.57
73	73	91	ENV	Min	0.0000	0.0000	0.000	-15.31
73	73	90	ENV	Min	0.0000	0.0000	0.000	-12.49
75	75	65	ENV	Max	0.0000	0.0000	0.000	3.78
75	75	2389	ENV	Max	0.0000	0.0000	0.000	7.46
75	75	92	ENV	Max	0.0000	0.0000	0.000	15.35
75	75	91	ENV	Max	0.0000	0.0000	0.000	11.23
75	75	65	ENV	Min	0.0000	0.0000	0.000	-6.22
75	75	2389	ENV	Min	0.0000	0.0000	0.000	-8.51
75	75	92	ENV	Min	0.0000	0.0000	0.000	-13.74
75	75	91	ENV	Min	0.0000	0.0000	0.000	-11.00
77	77	42	ENV	Max	0.0000	0.0000	0.000	16.00
77	77	40	ENV	Max	0.0000	0.0000	0.000	16.00
77	77	69	ENV	Max	0.0000	0.0000	0.000	-3.16
77	77	52	ENV	Max	0.0000	0.0000	0.000	-3.16
77	77	42	ENV	Min	0.0000	0.0000	0.000	-17.56
77	77	40	ENV	Min	0.0000	0.0000	0.000	-17.56
77	77	69	ENV	Min	0.0000	0.0000	0.000	-15.63
77	77	52	ENV	Min	0.0000	0.0000	0.000	-15.63
78	78	40	ENV	Max	0.0000	0.0000	0.000	25.05
78	78	21	ENV	Max	0.0000	0.0000	0.000	25.05
78	78	57	ENV	Max	0.0000	0.0000	0.000	15.26
78	78	69	ENV	Max	0.0000	0.0000	0.000	15.26
78	78	40	ENV	Min	0.0000	0.0000	0.000	-17.73
78	78	21	ENV	Min	0.0000	0.0000	0.000	-17.73
78	78	57	ENV	Min	0.0000	0.0000	0.000	-6.73
78	78	69	ENV	Min	0.0000	0.0000	0.000	-6.73
79	79	2389	ENV	Max	0.0000	0.0000	0.000	2.42
79	79	2388	ENV	Max	0.0000	0.0000	0.000	8.64
79	79	93	ENV	Max	0.0000	0.0000	0.000	18.88
79	79	92	ENV	Max	0.0000	0.0000	0.000	12.10
79	79	2389	ENV	Min	0.0000	0.0000	0.000	-4.93
79	79	2388	ENV	Min	0.0000	0.0000	0.000	-9.24
79	79	93	ENV	Min	0.0000	0.0000	0.000	-16.52
79	79	92	ENV	Min	0.0000	0.0000	0.000	-11.64
81	81	2388	ENV	Max	0.0000	0.0000	0.000	4.05
81	81	2387	ENV	Max	0.0000	0.0000	0.000	7.11
81	81	94	ENV	Max	0.0000	0.0000	0.000	15.59

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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
81	81	93	ENV	Max	0.0000	0.0000	0.000	12.45
81	81	2388	ENV	Min	0.0000	0.0000	0.000	-4.80
81	81	2387	ENV	Min	0.0000	0.0000	0.000	-6.84
81	81	94	ENV	Min	0.0000	0.0000	0.000	-12.46
81	81	93	ENV	Min	0.0000	0.0000	0.000	-10.34
83	83	2387	ENV	Max	0.0000	0.0000	0.000	2.95
83	83	2386	ENV	Max	0.0000	0.0000	0.000	8.51
83	83	95	ENV	Max	0.0000	0.0000	0.000	18.14
83	83	94	ENV	Max	0.0000	0.0000	0.000	12.93
83	83	2387	ENV	Min	0.0000	0.0000	0.000	-4.60
83	83	2386	ENV	Min	0.0000	0.0000	0.000	-11.35
83	83	95	ENV	Min	0.0000	0.0000	0.000	-18.39
83	83	94	ENV	Min	0.0000	0.0000	0.000	-12.00
85	85	2386	ENV	Max	0.0000	0.0000	0.000	8.87
85	85	17	ENV	Max	0.0000	0.0000	0.000	2.94
85	85	81	ENV	Max	0.0000	0.0000	0.000	11.74
85	85	95	ENV	Max	0.0000	0.0000	0.000	7.37
85	85	2386	ENV	Min	0.0000	0.0000	0.000	-36.73
85	85	17	ENV	Min	0.0000	0.0000	0.000	-10.55
85	85	81	ENV	Min	0.0000	0.0000	0.000	-1.55
85	85	95	ENV	Min	0.0000	0.0000	0.000	-17.44
87	87	19	ENV	Max	0.0000	0.0000	0.000	80.48
87	87	2330	ENV	Max	0.0000	0.0000	0.000	23.08
87	87	96	ENV	Max	0.0000	0.0000	0.000	52.61
87	87	73	ENV	Max	0.0000	0.0000	0.000	110.30
87	87	19	ENV	Min	0.0000	0.0000	0.000	-78.17
87	87	2330	ENV	Min	0.0000	0.0000	0.000	-20.91
87	87	96	ENV	Min	0.0000	0.0000	0.000	-52.62
87	87	73	ENV	Min	0.0000	0.0000	0.000	-110.16
89	89	2330	ENV	Max	0.0000	0.0000	0.000	2.54
89	89	2331	ENV	Max	0.0000	0.0000	0.000	14.98
89	89	97	ENV	Max	0.0000	0.0000	0.000	29.94
89	89	96	ENV	Max	0.0000	0.0000	0.000	10.10
89	89	2330	ENV	Min	0.0000	0.0000	0.000	-6.11
89	89	2331	ENV	Min	0.0000	0.0000	0.000	-17.50
89	89	97	ENV	Min	0.0000	0.0000	0.000	-32.00
89	89	96	ENV	Min	0.0000	0.0000	0.000	-13.20
91	91	2331	ENV	Max	0.0000	0.0000	0.000	11.16
91	91	2332	ENV	Max	0.0000	0.0000	0.000	9.40
91	91	98	ENV	Max	0.0000	0.0000	0.000	12.47
91	91	97	ENV	Max	0.0000	0.0000	0.000	14.15
91	91	2331	ENV	Min	0.0000	0.0000	0.000	-13.26
91	91	2332	ENV	Min	0.0000	0.0000	0.000	-10.80
91	91	98	ENV	Min	0.0000	0.0000	0.000	-12.79
91	91	97	ENV	Min	0.0000	0.0000	0.000	-15.17
93	93	2332	ENV	Max	0.0000	0.0000	0.000	6.11
93	93	2333	ENV	Max	0.0000	0.0000	0.000	9.17
93	93	99	ENV	Max	0.0000	0.0000	0.000	13.68
93	93	98	ENV	Max	0.0000	0.0000	0.000	10.53
93	93	2332	ENV	Min	0.0000	0.0000	0.000	-8.88
93	93	2333	ENV	Min	0.0000	0.0000	0.000	-10.98

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

Area	AreaElem	Joint	OutputCase	StepType	MMax KN-m/m	MMin KN-m/m	MAngle Degrees	V13 KN/m
93	93	99	ENV	Min	0.0000	0.0000	0.000	-13.21
93	93	98	ENV	Min	0.0000	0.0000	0.000	-11.01
95	95	2333	ENV	Max	0.0000	0.0000	0.000	4.53
95	95	63	ENV	Max	0.0000	0.0000	0.000	8.11
95	95	83	ENV	Max	0.0000	0.0000	0.000	15.79
95	95	99	ENV	Max	0.0000	0.0000	0.000	12.10
95	95	2333	ENV	Min	0.0000	0.0000	0.000	-6.43
95	95	63	ENV	Min	0.0000	0.0000	0.000	-9.09
95	95	83	ENV	Min	0.0000	0.0000	0.000	-14.76
95	95	99	ENV	Min	0.0000	0.0000	0.000	-12.00
193	193	52	ENV	Max	0.0000	0.0000	0.000	5.34
193	193	69	ENV	Max	0.0000	0.0000	0.000	5.34
193	193	178	ENV	Max	0.0000	0.0000	0.000	5.35
193	193	179	ENV	Max	0.0000	0.0000	0.000	5.35
193	193	52	ENV	Min	0.0000	0.0000	0.000	-26.65
193	193	69	ENV	Min	0.0000	0.0000	0.000	-26.65
193	193	178	ENV	Min	0.0000	0.0000	0.000	-15.93
193	193	179	ENV	Min	0.0000	0.0000	0.000	-15.93
194	194	179	ENV	Max	0.0000	0.0000	0.000	2.99
194	194	178	ENV	Max	0.0000	0.0000	0.000	2.99
194	194	180	ENV	Max	0.0000	0.0000	0.000	0.45
194	194	181	ENV	Max	0.0000	0.0000	0.000	0.45
194	194	179	ENV	Min	0.0000	0.0000	0.000	-10.31
194	194	178	ENV	Min	0.0000	0.0000	0.000	-10.31
194	194	180	ENV	Min	0.0000	0.0000	0.000	-2.71
194	194	181	ENV	Min	0.0000	0.0000	0.000	-2.71
195	195	181	ENV	Max	0.0000	0.0000	0.000	0.68
195	195	180	ENV	Max	0.0000	0.0000	0.000	0.68
195	195	508	ENV	Max	0.0000	0.0000	0.000	1.853E-02
195	195	56	ENV	Max	0.0000	0.0000	0.000	1.853E-02
195	195	181	ENV	Min	0.0000	0.0000	0.000	-3.28
195	195	180	ENV	Min	0.0000	0.0000	0.000	-3.28
195	195	508	ENV	Min	0.0000	0.0000	0.000	-1.28
195	195	56	ENV	Min	0.0000	0.0000	0.000	-1.28
196	196	69	ENV	Max	0.0000	0.0000	0.000	5.09
196	196	57	ENV	Max	0.0000	0.0000	0.000	5.09
196	196	182	ENV	Max	0.0000	0.0000	0.000	2.17
196	196	178	ENV	Max	0.0000	0.0000	0.000	2.17
196	196	69	ENV	Min	0.0000	0.0000	0.000	-0.27
196	196	57	ENV	Min	0.0000	0.0000	0.000	-0.27
196	196	182	ENV	Min	0.0000	0.0000	0.000	-2.83
196	196	178	ENV	Min	0.0000	0.0000	0.000	-2.83
197	197	178	ENV	Max	0.0000	0.0000	0.000	2.80
197	197	182	ENV	Max	0.0000	0.0000	0.000	2.80
197	197	183	ENV	Max	0.0000	0.0000	0.000	2.04
197	197	180	ENV	Max	0.0000	0.0000	0.000	2.04
197	197	178	ENV	Min	0.0000	0.0000	0.000	-2.88
197	197	182	ENV	Min	0.0000	0.0000	0.000	-2.88
197	197	183	ENV	Min	0.0000	0.0000	0.000	-4.19
197	197	180	ENV	Min	0.0000	0.0000	0.000	-4.19
198	198	180	ENV	Max	0.0000	0.0000	0.000	2.08

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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
198	198	183	ENV	Max	0.0000	0.0000	0.000	2.08
198	198	34	ENV	Max	0.0000	0.0000	0.000	2.70
198	198	508	ENV	Max	0.0000	0.0000	0.000	2.70
198	198	180	ENV	Min	0.0000	0.0000	0.000	-3.46
198	198	183	ENV	Min	0.0000	0.0000	0.000	-3.46
198	198	34	ENV	Min	0.0000	0.0000	0.000	-4.80
198	198	508	ENV	Min	0.0000	0.0000	0.000	-4.80
199	199	60	ENV	Max	0.0000	0.0000	0.000	6.34
199	199	499	ENV	Max	0.0000	0.0000	0.000	6.34
199	199	184	ENV	Max	0.0000	0.0000	0.000	1.01
199	199	185	ENV	Max	0.0000	0.0000	0.000	1.01
199	199	60	ENV	Min	0.0000	0.0000	0.000	-6.37
199	199	499	ENV	Min	0.0000	0.0000	0.000	-6.37
199	199	184	ENV	Min	0.0000	0.0000	0.000	-1.22
199	199	185	ENV	Min	0.0000	0.0000	0.000	-1.22
200	200	185	ENV	Max	0.0000	0.0000	0.000	1.65
200	200	184	ENV	Max	0.0000	0.0000	0.000	1.65
200	200	186	ENV	Max	0.0000	0.0000	0.000	0.56
200	200	187	ENV	Max	0.0000	0.0000	0.000	0.56
200	200	185	ENV	Min	0.0000	0.0000	0.000	-2.13
200	200	184	ENV	Min	0.0000	0.0000	0.000	-2.13
200	200	186	ENV	Min	0.0000	0.0000	0.000	-0.74
200	200	187	ENV	Min	0.0000	0.0000	0.000	-0.74
201	201	187	ENV	Max	0.0000	0.0000	0.000	0.63
201	201	186	ENV	Max	0.0000	0.0000	0.000	0.63
201	201	521	ENV	Max	0.0000	0.0000	0.000	0.45
201	201	35	ENV	Max	0.0000	0.0000	0.000	0.45
201	201	187	ENV	Min	0.0000	0.0000	0.000	-0.95
201	201	186	ENV	Min	0.0000	0.0000	0.000	-0.95
201	201	521	ENV	Min	0.0000	0.0000	0.000	-1.17
201	201	35	ENV	Min	0.0000	0.0000	0.000	-1.17
202	202	499	ENV	Max	0.0000	0.0000	0.000	7.35
202	202	500	ENV	Max	0.0000	0.0000	0.000	7.35
202	202	188	ENV	Max	0.0000	0.0000	0.000	2.59
202	202	184	ENV	Max	0.0000	0.0000	0.000	2.59
202	202	499	ENV	Min	0.0000	0.0000	0.000	-3.90
202	202	500	ENV	Min	0.0000	0.0000	0.000	-3.90
202	202	188	ENV	Min	0.0000	0.0000	0.000	-1.94
202	202	184	ENV	Min	0.0000	0.0000	0.000	-1.94
203	203	184	ENV	Max	0.0000	0.0000	0.000	2.55
203	203	188	ENV	Max	0.0000	0.0000	0.000	2.55
203	203	189	ENV	Max	0.0000	0.0000	0.000	1.49
203	203	186	ENV	Max	0.0000	0.0000	0.000	1.49
203	203	184	ENV	Min	0.0000	0.0000	0.000	-2.10
203	203	188	ENV	Min	0.0000	0.0000	0.000	-2.10
203	203	189	ENV	Min	0.0000	0.0000	0.000	-0.96
203	203	186	ENV	Min	0.0000	0.0000	0.000	-0.96
204	204	186	ENV	Max	0.0000	0.0000	0.000	1.34
204	204	189	ENV	Max	0.0000	0.0000	0.000	1.34
204	204	522	ENV	Max	0.0000	0.0000	0.000	1.40
204	204	521	ENV	Max	0.0000	0.0000	0.000	1.40

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

Area	AreaElem	Joint	OutputCase	StepType	MMax KN-m/m	MMin KN-m/m	MAngle Degrees	V13 KN/m
204	204	186	ENV	Min	0.0000	0.0000	0.000	-0.92
204	204	189	ENV	Min	0.0000	0.0000	0.000	-0.92
204	204	522	ENV	Min	0.0000	0.0000	0.000	-1.04
204	204	521	ENV	Min	0.0000	0.0000	0.000	-1.04
205	205	500	ENV	Max	0.0000	0.0000	0.000	1.55
205	205	501	ENV	Max	0.0000	0.0000	0.000	1.55
205	205	190	ENV	Max	0.0000	0.0000	0.000	3.23
205	205	188	ENV	Max	0.0000	0.0000	0.000	3.23
205	205	500	ENV	Min	0.0000	0.0000	0.000	-1.28
205	205	501	ENV	Min	0.0000	0.0000	0.000	-1.28
205	205	190	ENV	Min	0.0000	0.0000	0.000	-2.56
205	205	188	ENV	Min	0.0000	0.0000	0.000	-2.56
206	206	188	ENV	Max	0.0000	0.0000	0.000	2.42
206	206	190	ENV	Max	0.0000	0.0000	0.000	2.42
206	206	191	ENV	Max	0.0000	0.0000	0.000	1.86
206	206	189	ENV	Max	0.0000	0.0000	0.000	1.86
206	206	188	ENV	Min	0.0000	0.0000	0.000	-2.06
206	206	190	ENV	Min	0.0000	0.0000	0.000	-2.06
206	206	191	ENV	Min	0.0000	0.0000	0.000	-1.27
206	206	189	ENV	Min	0.0000	0.0000	0.000	-1.27
207	207	189	ENV	Max	0.0000	0.0000	0.000	1.61
207	207	191	ENV	Max	0.0000	0.0000	0.000	1.61
207	207	523	ENV	Max	0.0000	0.0000	0.000	1.72
207	207	522	ENV	Max	0.0000	0.0000	0.000	1.72
207	207	189	ENV	Min	0.0000	0.0000	0.000	-1.18
207	207	191	ENV	Min	0.0000	0.0000	0.000	-1.18
207	207	523	ENV	Min	0.0000	0.0000	0.000	-1.25
207	207	522	ENV	Min	0.0000	0.0000	0.000	-1.25
208	208	501	ENV	Max	0.0000	0.0000	0.000	1.75
208	208	502	ENV	Max	0.0000	0.0000	0.000	1.75
208	208	192	ENV	Max	0.0000	0.0000	0.000	0.55
208	208	190	ENV	Max	0.0000	0.0000	0.000	0.55
208	208	501	ENV	Min	0.0000	0.0000	0.000	-1.71
208	208	502	ENV	Min	0.0000	0.0000	0.000	-1.71
208	208	192	ENV	Min	0.0000	0.0000	0.000	-0.38
208	208	190	ENV	Min	0.0000	0.0000	0.000	-0.38
209	209	190	ENV	Max	0.0000	0.0000	0.000	0.45
209	209	192	ENV	Max	0.0000	0.0000	0.000	0.45
209	209	193	ENV	Max	0.0000	0.0000	0.000	0.65
209	209	191	ENV	Max	0.0000	0.0000	0.000	0.65
209	209	190	ENV	Min	0.0000	0.0000	0.000	-0.30
209	209	192	ENV	Min	0.0000	0.0000	0.000	-0.30
209	209	193	ENV	Min	0.0000	0.0000	0.000	-0.49
209	209	191	ENV	Min	0.0000	0.0000	0.000	-0.49
210	210	191	ENV	Max	0.0000	0.0000	0.000	0.50
210	210	193	ENV	Max	0.0000	0.0000	0.000	0.50
210	210	524	ENV	Max	0.0000	0.0000	0.000	0.92
210	210	523	ENV	Max	0.0000	0.0000	0.000	0.92
210	210	191	ENV	Min	0.0000	0.0000	0.000	-0.41
210	210	193	ENV	Min	0.0000	0.0000	0.000	-0.41
210	210	524	ENV	Min	0.0000	0.0000	0.000	-0.72

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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
210	210	523	ENV	Min	0.0000	0.0000	0.000	-0.72
211	211	502	ENV	Max	0.0000	0.0000	0.000	0.49
211	211	503	ENV	Max	0.0000	0.0000	0.000	0.49
211	211	194	ENV	Max	0.0000	0.0000	0.000	0.33
211	211	192	ENV	Max	0.0000	0.0000	0.000	0.33
211	211	502	ENV	Min	0.0000	0.0000	0.000	-1.07
211	211	503	ENV	Min	0.0000	0.0000	0.000	-1.07
211	211	194	ENV	Min	0.0000	0.0000	0.000	-0.41
211	211	192	ENV	Min	0.0000	0.0000	0.000	-0.41
212	212	192	ENV	Max	0.0000	0.0000	0.000	0.23
212	212	194	ENV	Max	0.0000	0.0000	0.000	0.23
212	212	195	ENV	Max	0.0000	0.0000	0.000	0.31
212	212	193	ENV	Max	0.0000	0.0000	0.000	0.31
212	212	192	ENV	Min	0.0000	0.0000	0.000	-0.27
212	212	194	ENV	Min	0.0000	0.0000	0.000	-0.27
212	212	195	ENV	Min	0.0000	0.0000	0.000	-0.53
212	212	193	ENV	Min	0.0000	0.0000	0.000	-0.53
213	213	193	ENV	Max	0.0000	0.0000	0.000	0.28
213	213	195	ENV	Max	0.0000	0.0000	0.000	0.28
213	213	525	ENV	Max	0.0000	0.0000	0.000	0.44
213	213	524	ENV	Max	0.0000	0.0000	0.000	0.44
213	213	193	ENV	Min	0.0000	0.0000	0.000	-0.48
213	213	195	ENV	Min	0.0000	0.0000	0.000	-0.48
213	213	525	ENV	Min	0.0000	0.0000	0.000	-0.59
213	213	524	ENV	Min	0.0000	0.0000	0.000	-0.59
214	214	503	ENV	Max	0.0000	0.0000	0.000	7.398E-02
214	214	504	ENV	Max	0.0000	0.0000	0.000	7.398E-02
214	214	196	ENV	Max	0.0000	0.0000	0.000	0.16
214	214	194	ENV	Max	0.0000	0.0000	0.000	0.16
214	214	503	ENV	Min	0.0000	0.0000	0.000	-1.21
214	214	504	ENV	Min	0.0000	0.0000	0.000	-1.21
214	214	196	ENV	Min	0.0000	0.0000	0.000	-0.56
214	214	194	ENV	Min	0.0000	0.0000	0.000	-0.56
215	215	194	ENV	Max	0.0000	0.0000	0.000	0.13
215	215	196	ENV	Max	0.0000	0.0000	0.000	0.13
215	215	197	ENV	Max	0.0000	0.0000	0.000	0.11
215	215	195	ENV	Max	0.0000	0.0000	0.000	0.11
215	215	194	ENV	Min	0.0000	0.0000	0.000	-0.41
215	215	196	ENV	Min	0.0000	0.0000	0.000	-0.41
215	215	197	ENV	Min	0.0000	0.0000	0.000	-0.65
215	215	195	ENV	Min	0.0000	0.0000	0.000	-0.65
216	216	195	ENV	Max	0.0000	0.0000	0.000	0.11
216	216	197	ENV	Max	0.0000	0.0000	0.000	0.11
216	216	526	ENV	Max	0.0000	0.0000	0.000	0.23
216	216	525	ENV	Max	0.0000	0.0000	0.000	0.23
216	216	195	ENV	Min	0.0000	0.0000	0.000	-0.57
216	216	197	ENV	Min	0.0000	0.0000	0.000	-0.57
216	216	526	ENV	Min	0.0000	0.0000	0.000	-0.65
216	216	525	ENV	Min	0.0000	0.0000	0.000	-0.65
217	217	504	ENV	Max	0.0000	0.0000	0.000	0.11
217	217	505	ENV	Max	0.0000	0.0000	0.000	0.11

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

Area	AreaElem	Joint	OutputCase	StepType	MMax KN-m/m	MMin KN-m/m	MAngle Degrees	V13 KN/m
217	217	198	ENV	Max	0.0000	0.0000	0.000	0.39
217	217	196	ENV	Max	0.0000	0.0000	0.000	0.39
217	217	504	ENV	Min	0.0000	0.0000	0.000	-1.66
217	217	505	ENV	Min	0.0000	0.0000	0.000	-1.66
217	217	198	ENV	Min	0.0000	0.0000	0.000	-1.00
217	217	196	ENV	Min	0.0000	0.0000	0.000	-1.00
218	218	196	ENV	Max	0.0000	0.0000	0.000	0.23
218	218	198	ENV	Max	0.0000	0.0000	0.000	0.23
218	218	199	ENV	Max	0.0000	0.0000	0.000	0.13
218	218	197	ENV	Max	0.0000	0.0000	0.000	0.13
218	218	196	ENV	Min	0.0000	0.0000	0.000	-0.60
218	218	198	ENV	Min	0.0000	0.0000	0.000	-0.60
218	218	199	ENV	Min	0.0000	0.0000	0.000	-0.80
218	218	197	ENV	Min	0.0000	0.0000	0.000	-0.80
219	219	197	ENV	Max	0.0000	0.0000	0.000	0.10
219	219	199	ENV	Max	0.0000	0.0000	0.000	0.10
219	219	527	ENV	Max	0.0000	0.0000	0.000	9.304E-02
219	219	526	ENV	Max	0.0000	0.0000	0.000	9.304E-02
219	219	197	ENV	Min	0.0000	0.0000	0.000	-0.69
219	219	199	ENV	Min	0.0000	0.0000	0.000	-0.69
219	219	527	ENV	Min	0.0000	0.0000	0.000	-0.44
219	219	526	ENV	Min	0.0000	0.0000	0.000	-0.44
220	220	505	ENV	Max	0.0000	0.0000	0.000	0.54
220	220	506	ENV	Max	0.0000	0.0000	0.000	0.54
220	220	200	ENV	Max	0.0000	0.0000	0.000	0.58
220	220	198	ENV	Max	0.0000	0.0000	0.000	0.58
220	220	505	ENV	Min	0.0000	0.0000	0.000	-2.33
220	220	506	ENV	Min	0.0000	0.0000	0.000	-2.33
220	220	200	ENV	Min	0.0000	0.0000	0.000	-1.22
220	220	198	ENV	Min	0.0000	0.0000	0.000	-1.22
221	221	198	ENV	Max	0.0000	0.0000	0.000	0.30
221	221	200	ENV	Max	0.0000	0.0000	0.000	0.30
221	221	201	ENV	Max	0.0000	0.0000	0.000	0.51
221	221	199	ENV	Max	0.0000	0.0000	0.000	0.51
221	221	198	ENV	Min	0.0000	0.0000	0.000	-0.59
221	221	200	ENV	Min	0.0000	0.0000	0.000	-0.59
221	221	201	ENV	Min	0.0000	0.0000	0.000	-0.44
221	221	199	ENV	Min	0.0000	0.0000	0.000	-0.44
222	222	199	ENV	Max	0.0000	0.0000	0.000	0.32
222	222	201	ENV	Max	0.0000	0.0000	0.000	0.32
222	222	528	ENV	Max	0.0000	0.0000	0.000	1.65
222	222	527	ENV	Max	0.0000	0.0000	0.000	1.65
222	222	199	ENV	Min	0.0000	0.0000	0.000	-0.35
222	222	201	ENV	Min	0.0000	0.0000	0.000	-0.35
222	222	528	ENV	Min	0.0000	0.0000	0.000	-0.98
222	222	527	ENV	Min	0.0000	0.0000	0.000	-0.98
223	223	506	ENV	Max	0.0000	0.0000	0.000	2.23
223	223	507	ENV	Max	0.0000	0.0000	0.000	2.23
223	223	202	ENV	Max	0.0000	0.0000	0.000	4.09
223	223	200	ENV	Max	0.0000	0.0000	0.000	4.09
223	223	506	ENV	Min	0.0000	0.0000	0.000	-5.62

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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
223	223	507	ENV	Min	0.0000	0.0000	0.000	-5.62
223	223	202	ENV	Min	0.0000	0.0000	0.000	-1.48
223	223	200	ENV	Min	0.0000	0.0000	0.000	-1.48
224	224	200	ENV	Max	0.0000	0.0000	0.000	3.80
224	224	202	ENV	Max	0.0000	0.0000	0.000	3.80
224	224	203	ENV	Max	0.0000	0.0000	0.000	5.70
224	224	201	ENV	Max	0.0000	0.0000	0.000	5.70
224	224	200	ENV	Min	0.0000	0.0000	0.000	-1.46
224	224	202	ENV	Min	0.0000	0.0000	0.000	-1.46
224	224	203	ENV	Min	0.0000	0.0000	0.000	-2.70
224	224	201	ENV	Min	0.0000	0.0000	0.000	-2.70
225	225	201	ENV	Max	0.0000	0.0000	0.000	4.53
225	225	203	ENV	Max	0.0000	0.0000	0.000	4.53
225	225	529	ENV	Max	0.0000	0.0000	0.000	4.80
225	225	528	ENV	Max	0.0000	0.0000	0.000	4.80
225	225	201	ENV	Min	0.0000	0.0000	0.000	-2.13
225	225	203	ENV	Min	0.0000	0.0000	0.000	-2.13
225	225	529	ENV	Min	0.0000	0.0000	0.000	-2.47
225	225	528	ENV	Min	0.0000	0.0000	0.000	-2.47
226	226	507	ENV	Max	0.0000	0.0000	0.000	35.85
226	226	52	ENV	Max	0.0000	0.0000	0.000	35.85
226	226	179	ENV	Max	0.0000	0.0000	0.000	19.18
226	226	202	ENV	Max	0.0000	0.0000	0.000	19.18
226	226	507	ENV	Min	0.0000	0.0000	0.000	-15.36
226	226	52	ENV	Min	0.0000	0.0000	0.000	-15.36
226	226	179	ENV	Min	0.0000	0.0000	0.000	-8.53
226	226	202	ENV	Min	0.0000	0.0000	0.000	-8.53
227	227	202	ENV	Max	0.0000	0.0000	0.000	12.98
227	227	179	ENV	Max	0.0000	0.0000	0.000	12.98
227	227	181	ENV	Max	0.0000	0.0000	0.000	5.15
227	227	203	ENV	Max	0.0000	0.0000	0.000	5.15
227	227	202	ENV	Min	0.0000	0.0000	0.000	-5.65
227	227	179	ENV	Min	0.0000	0.0000	0.000	-5.65
227	227	181	ENV	Min	0.0000	0.0000	0.000	-3.05
227	227	203	ENV	Min	0.0000	0.0000	0.000	-3.05
228	228	203	ENV	Max	0.0000	0.0000	0.000	5.53
228	228	181	ENV	Max	0.0000	0.0000	0.000	5.53
228	228	56	ENV	Max	0.0000	0.0000	0.000	3.77
228	228	529	ENV	Max	0.0000	0.0000	0.000	3.77
228	228	203	ENV	Min	0.0000	0.0000	0.000	-3.06
228	228	181	ENV	Min	0.0000	0.0000	0.000	-3.06
228	228	56	ENV	Min	0.0000	0.0000	0.000	-2.34
228	228	529	ENV	Min	0.0000	0.0000	0.000	-2.34
229	229	50	ENV	Max	0.0000	0.0000	0.000	19.34
229	229	58	ENV	Max	0.0000	0.0000	0.000	19.34
229	229	204	ENV	Max	0.0000	0.0000	0.000	5.06
229	229	205	ENV	Max	0.0000	0.0000	0.000	5.06
229	229	50	ENV	Min	0.0000	0.0000	0.000	-21.11
229	229	58	ENV	Min	0.0000	0.0000	0.000	-21.11
229	229	204	ENV	Min	0.0000	0.0000	0.000	-4.16
229	229	205	ENV	Min	0.0000	0.0000	0.000	-4.16