

# AUTOSTRADA VALDASTICO

## A31 NORD

### 1° LOTTO

### Piovene Rocchette - Valle dell'Astico

## PROGETTO DEFINITIVO

CUP	G21B1 30006 60005
WBS	B25.A31N.L1
COMMESSA	J16L1

#### COMMITTENTE



S.p.A. AUTOSTRADA BRESCIA VERONA VICENZA PADOVA  
Area Costruzioni Autostradali

CAPO COMMESSA  
PER LA PROGETTAZIONE  
Dott. Ing. Gabriella Costantini

PRESTATORE DI SERVIZI:  
**CONSORZIO RAETIA**



RAPPRESENTANTE: Dott. Ing. Alberto Scotti

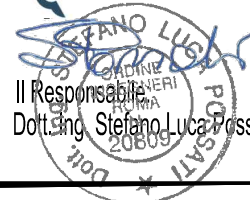
RESPONSABILE DELL'INTEGRAZIONE  
TRA LE PRESTAZIONI SPECIALISTICHE:  
Technital S.p.A. - Dott. Ing. Andrea Renso



PROGETTAZIONE:



Il Responsabile  
Dott. Ing. Stefano Luca Possati



ELABORATO: **OPERE D'ARTE MINORI**  
Cavalcavia  
Cavalcavia assi 2 e 3 Cogollo  
Relazione di calcolo Impalcato - Allegati

Progressivo	Rev.
<b>08 01 03 001 02</b>	

Rev.	Data	Descrizione	Redazione	Controllo	Approvazione	SCALA: --
00	GIUGNO 2017	PRIMA EMISSIONE	3TI PROGETTI - DI SANZO	M. SORGE	S.L.POSSATI	NOME FILE: J16L1_08_01_03_001_0203_OPD_02.dwg
02	LUGLIO 2017	RECEPIMENTO OSSERVAZIONI	3TI PROGETTI - DI SANZO	M. SORGE	S.L.POSSATI	CM.      Progr.                      FG.      Liv.      Rev. J16L1_08_01_03_001_0203_OPD_02

**AUTOSTRADA VALDASTICO A31 NORD**  
**1° LOTTO**  
**PIOVENE ROCCHETTE – VALLE DELL’ASTICO**

*Committente:*



*Progettazione:*

CONSORZIO RAETIA



**PROGETTO DEFINITIVO**

CAVALCAVIA ASSE 2 E 3 SVINCOLO DI COGOLLO

RELAZIONE DI CALCOLO - ALLEGATI

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## 1. IMPALCATO

### 1.1. Input

**Table: Case - Moving Load 1 - Lane Assignments**

Table: Case - Moving Load 1 - Lane Assignments						
Case	AssignNum	VehClass	ScaleFactor	MinLoaded	MaxLoaded	NumLanes
Mov_01	1	L_1	1	1	1	1
Mov_01	2	L_2	1	1	1	1
Mov_01	3	L_3	1	1	1	1
Mov_01	4	L_risul	1	1	1	1
fatica	1	fatica_FLM3	1	1	1	1

**Table: Case - Moving Load 2 - Lanes Loaded**

Table: Case - Moving Load 2 - Lanes Loaded		
Case	AssignNum	Lane
Mov_01	1	L1
Mov_01	2	L2
Mov_01	3	L3
Mov_01	4	Lrim
fatica	1	L1

**Table: Case - Moving Load 3 - MultiLane Factors**

Table: Case - Moving Load 3 - MultiLane Factors		
Case	NumberLanes	ScaleFactor
Mov_01	1	1
Mov_01	2	1
Mov_01	3	1
Mov_01	4	1
fatica	1	1
fatica	2	1
fatica	3	1
fatica	4	1

**Table: Case - Static 1 - Load Assignments**

Table: Case - Static 1 - Load Assignments			
Case	LoadType	LoadName	LoadSF
coaz_Pila_cedimento	Load pattern	coaz_Pila_cedimento	1
e3_iper_TERM	Load pattern	e3_iper_TERM	1
q5_Vento	Load pattern	q5_Vento	1

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**Table: Case - Static 1 - Load Assignments**

Case	LoadType	LoadName	LoadSF
q4_centrifuga	Load pattern	q4_centrifuga	1
g1.2	Load pattern	g1.2	1
g2	Load pattern	g2	1
g1.1	Load pattern	g1.1	1
e3_iper_TERM-1	Load pattern	e3_iper_TERM	-1

**Table: Frame Section Properties 01 - General, Part 1 of 6**

Table: Frame Section Properties 01 - General, Part 1 of 6

SectionName	Material	Shape	t3 m	t2 m	tf m	tw m
A	S355	I/Wide Flange	2	0.9	0.04	0.024
B	S355	I/Wide Flange	2	0.88	0.05	0.02
C	S355	I/Wide Flange	2	0.88	0.05	0.018
D	S355	I/Wide Flange	2	0.866667	0.06	0.02
E	S355	I/Wide Flange	2	0.857143	0.07	0.022
F	S355	I/Wide Flange	2	0.95	0.12	0.024
G	S355	I/Wide Flange	2	0.857143	0.07	0.022
H	S355	I/Wide Flange	2	0.9	0.04	0.018
I	S355	I/Wide Flange	2	0.9	0.04	0.018
L	S355	I/Wide Flange	2	0.9	0.04	0.02
lane	S355	Circle	0.02			
Soletta_500	C32/40	Rectangular	0.31	5		
tr eq APP	S355	Rectangular	0.315	1		
TR eq TIPO	S355	Rectangular	0.28	1		

**Table: Frame Section Properties 01 - General, Part 2 of 6**

Table: Frame Section Properties 01 - General, Part 2 of 6

SectionName	t2b m	tfb m	Area m2	TorsConst m4	I33 m4	I22 m4	I23 m4
A	0.95	0.04	0.12008	4.7E-05	0.085203	0.00529	0
B	0.9	0.08	0.1534	0.000185	0.114845	0.007701	0
C	0.9	0.08	0.14966	0.000184	0.113628	0.0077	0
D	0.907143	0.07	0.1529	0.000163	0.118259	0.007611	0
E	0.907143	0.07	0.16442	0.000198	0.126785	0.00803	0
F	1	0.12	0.27624	0.001044	0.217832	0.018576	0
G	0.907143	0.07	0.16442	0.000198	0.126785	0.00803	0
H	0.93	0.05	0.11688	6E-05	0.08841	0.005782	0
I	0.93	0.05	0.11688	6E-05	0.08841	0.005782	0
L	0.95	0.04	0.1124	4.3E-05	0.082842	0.005289	0
lane			0.000314	1.571E-08	7.854E-09	7.854E-09	0
Soletta_500			1.55	0.047712	0.012413	3.229167	0
tr eq APP			0.315	0.008353	0.002605	0.02625	0
TR eq TIPO			0.28	0.006027	0.001829	0.023333	0

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**Table: Frame Section Properties 01 - General, Part 3 of 6**

Table: Frame Section Properties 01 - General, Part 3 of 6

SectionName	AS2 m2	AS3 m2	S33 m3	S22 m3	Z33 m3	Z22 m3	R33 m
A	0.048	0.061667	0.083835	0.011137	0.094597	0.017401	0.84235
B	0.04	0.096667	0.098388	0.017113	0.120125	0.026067	0.865255
C	0.036	0.096667	0.096967	0.017112	0.117287	0.026031	0.871345
D	0.04	0.09625	0.110558	0.016779	0.127606	0.025855	0.879454
E	0.044	0.102917	0.124233	0.017703	0.138066	0.027483	0.878124
F	0.048	0.195	0.213473	0.037152	0.238171	0.057328	0.888009
G	0.044	0.102917	0.124233	0.017703	0.138066	0.027483	0.878124
H	0.036	0.06875	0.081515	0.012435	0.095555	0.019066	0.86972
I	0.036	0.06875	0.081515	0.012435	0.095555	0.019066	0.86972
L	0.04	0.061667	0.081422	0.011135	0.090902	0.017317	0.858502
lane	0.000283	0.000283	7.854E-07	7.854E-07	1.333E-06	1.333E-06	0.005
Soletta_500	1.291667	1.291667	0.080083	1.291667	0.120125	1.9375	0.089489
tr eq APP	0.2625	0.2625	0.016538	0.0525	0.024806	0.07875	0.090933
TR eq TIPO	0.233333	0.233333	0.013067	0.046667	0.0196	0.07	0.080829

**Table: Frame Section Properties 01 - General, Part 4 of 6**

Table: Frame Section Properties 01 - General, Part 4 of 6

SectionName	R22 m	ConcCol	ConcBeam	Color	TotalWt KN	TotalMass KN-s2/m	FromFile
A	0.209893	No	No	16744448	252.088	25.71	No
B	0.224054	No	No	12615680	429.074	43.75	No
C	0.226831	No	No	16744576	418.914	42.72	No
D	0.223103	No	No	Gray4	427.675	43.61	No
E	0.22099	No	No	12615935	460.229	46.93	No
F	0.259317	No	No	Cyan	1159.838	118.27	No
G	0.22099	No	No	Magenta	460.229	46.93	No
H	0.222425	No	No	White	326.924	33.34	No
I	0.222425	No	No	Blue	327.176	33.36	No
L	0.216926	No	No	Cyan	204.427	20.85	No
lane	0.005	No	No	Red	8.938	0.91	No
Soletta_500	1.443376	Yes	No	Cyan	0	0	No
tr eq APP	0.288675	No	No	Green	0	0	No
TR eq TIPO	0.288675	No	No	Yellow	0	0	No

**Table: Frame Section Properties 01 - General, Part 5 of 6**

Table: Frame Section Properties 01 - General, Part 5 of 6

SectionName	AMod	A2Mod	A3Mod	JMod	I2Mod	I3Mod	MMod
A	1	1	1	1717.986696	1	2.342449	1
B	1	1	1	437.238276	1	2.497165	1
C	1	1	1	440.423204	1	2.500085	1
D	1	1	1	496.143616	1	2.250046	1
E	1	1	1	408.821539	1	2.131583	1
F	1	1	1	77.5952	1	1.89762	1
G	1	1	1	408.821539	1	2.131583	1
H	1	1	1	1476	1	2.21	1
I	1	1	1	1476	1	2.21	1
L	1	1	1	1862.534542	1	2.312352	1

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**Table: Frame Section Properties 01 - General, Part 5 of 6**

SectionName	AMod	A2Mod	A3Mod	JMod	I2Mod	I3Mod	MMod
lane	1	1	1	1	1	1	1
Soletta_500	1	1	1	0.5	1	1	0
tr eq APP	1	1	1	0.5	1	1	0
TR eq TIPO	1	1	1	0.5	1	1	0

**Table: Frame Section Properties 01 - General, Part 6 of 6**

**Table: Frame Section Properties 01 - General, Part 6 of 6**

SectionName	WMod	GUID	Notes
A	1		Added 02/03/2017 15:01:17
B	1		Added 02/03/2017 15:01:17
C	1		Added 02/03/2017 15:01:17
D	1		Added 02/03/2017 15:01:17
E	1		Added 02/03/2017 15:01:17
F	1		Added 22/03/2017 18:17:32
G	1		Added 22/03/2017 18:21:37
H	1		Added 22/03/2017 18:21:46
I	1		Added 22/03/2017 18:21:56
L	1		Added 22/03/2017 18:22:11
lane	1		Added 02/03/2017 17:22:27
Soletta_500	0		Added 03/03/2017 15:10:09
tr eq APP	0		Added 30/03/2017 16:32:05
TR eq TIPO	0		Added 23/03/2017 12:52:50

**Table: Joint Coordinates, Part 1 of 2**

**Table: Joint Coordinates, Part 1 of 2**

Joint	CoordSys	CoordType	XorR m	Y m	Z m	SpecialJt	GlobalX m
1	GLOBAL	Cartesian	186815.6087	71725.92504	0	No	186815.6087
2	GLOBAL	Cartesian	186819.9878	71723.88192	0	No	186819.9878
3	GLOBAL	Cartesian	186824.5061	71722.16835	0	No	186824.5061
4	GLOBAL	Cartesian	186829.1388	71720.79374	0	No	186829.1388
5	GLOBAL	Cartesian	186833.8604	71719.76561	0	No	186833.8604
6	GLOBAL	Cartesian	186838.6452	71719.0896	0	No	186838.6452
7	GLOBAL	Cartesian	186843.4669	71718.76942	0	No	186843.4669
8	GLOBAL	Cartesian	186848.299	71718.80682	0	No	186848.299
9	GLOBAL	Cartesian	186853.1151	71719.20159	0	No	186853.1151
10	GLOBAL	Cartesian	186857.8889	71719.95158	0	No	186857.8889
11	GLOBAL	Cartesian	186862.5941	71721.05266	0	No	186862.5941
12	GLOBAL	Cartesian	186867.2049	71722.49881	0	No	186867.2049
13	GLOBAL	Cartesian	186871.6961	71724.28211	0	No	186871.6961
14	GLOBAL	Cartesian	186876.0431	71726.39277	0	No	186876.0431
15	GLOBAL	Cartesian	186880.222	71728.81923	0	No	186880.222
16	GLOBAL	Cartesian	186884.2099	71731.5482	0	No	186884.2099
17	GLOBAL	Cartesian	186887.9851	71734.56471	0	No	186887.9851
18	GLOBAL	Cartesian	186891.5267	71737.85223	0	No	186891.5267
19	GLOBAL	Cartesian	186894.8154	71741.39276	0	No	186894.8154
20	GLOBAL	Cartesian	186861.4072	71725.39333	0	No	186861.4072
21	GLOBAL	Cartesian	186865.7002	71726.73978	0	No	186865.7002

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Table: Joint Coordinates, Part 1 of 2

Joint	CoordSys	CoordType	XorR		Z	SpecialJt	GlobalX
			m	m			
22	GLOBAL	Cartesian	186869.8817	71728.40014	0	No	186869.8817
23	GLOBAL	Cartesian	186873.929	71730.36529	0	No	186873.929
24	GLOBAL	Cartesian	186877.8199	71732.62448	0	No	186877.8199
25	GLOBAL	Cartesian	186881.5329	71735.16531	0	No	186881.5329
26	GLOBAL	Cartesian	186885.0478	71737.97387	0	No	186885.0478
27	GLOBAL	Cartesian	186888.3453	71741.03475	0	No	186888.3453
28	GLOBAL	Cartesian	186891.4099	71744.33409	0	No	186891.4099
29	GLOBAL	Cartesian	186817.661	71729.92981	0	No	186817.661
30	GLOBAL	Cartesian	186821.7382	71728.02754	0	No	186821.7382
31	GLOBAL	Cartesian	186825.945	71726.4321	0	No	186825.945
32	GLOBAL	Cartesian	186830.2583	71725.15225	0	No	186830.2583
33	GLOBAL	Cartesian	186834.6544	71724.195	0	No	186834.6544
34	GLOBAL	Cartesian	186839.1094	71723.5656	0	No	186839.1094
35	GLOBAL	Cartesian	186843.5986	71723.26749	0	No	186843.5986
36	GLOBAL	Cartesian	186848.0976	71723.30231	0	No	186848.0976
37	GLOBAL	Cartesian	186852.5818	71723.66987	0	No	186852.5818
38	GLOBAL	Cartesian	186857.0264	71724.36815	0	No	186857.0264
39	GLOBAL	Cartesian	186813.5565	71721.92027	0	No	186813.5565
40	GLOBAL	Cartesian	186818.2375	71719.7363	0	No	186818.2375
41	GLOBAL	Cartesian	186823.0672	71717.9046	0	No	186823.0672
42	GLOBAL	Cartesian	186828.0192	71716.43522	0	No	186828.0192
43	GLOBAL	Cartesian	186833.0664	71715.33622	0	No	186833.0664
44	GLOBAL	Cartesian	186838.181	71714.61361	0	No	186838.181
45	GLOBAL	Cartesian	186843.3351	71714.27135	0	No	186843.3351
46	GLOBAL	Cartesian	186848.5004	71714.31133	0	No	186848.5004
47	GLOBAL	Cartesian	186853.6485	71714.73331	0	No	186853.6485
48	GLOBAL	Cartesian	186858.7514	71715.535	0	No	186858.7514
49	GLOBAL	Cartesian	186863.7809	71716.71199	0	No	186863.7809
50	GLOBAL	Cartesian	186868.7096	71718.25784	0	No	186868.7096
51	GLOBAL	Cartesian	186873.5104	71720.16408	0	No	186873.5104
52	GLOBAL	Cartesian	186878.1571	71722.42024	0	No	186878.1571
53	GLOBAL	Cartesian	186882.6241	71725.01398	0	No	186882.6241
54	GLOBAL	Cartesian	186886.8869	71727.93108	0	No	186886.8869
55	GLOBAL	Cartesian	186890.9223	71731.15555	0	No	186890.9223
56	GLOBAL	Cartesian	186894.7081	71734.66972	0	No	186894.7081
57	GLOBAL	Cartesian	186898.2236	71738.45432	0	No	186898.2236
58	GLOBAL	Cartesian	186811.5042	71717.91551	0	No	186811.5042
59	GLOBAL	Cartesian	186816.4871	71715.59068	0	No	186816.4871
60	GLOBAL	Cartesian	186821.6283	71713.64085	0	No	186821.6283
61	GLOBAL	Cartesian	186826.8997	71712.0767	0	No	186826.8997
62	GLOBAL	Cartesian	186832.2724	71710.90682	0	No	186832.2724
63	GLOBAL	Cartesian	186837.7169	71710.13761	0	No	186837.7169
64	GLOBAL	Cartesian	186843.2033	71709.77328	0	No	186843.2033
65	GLOBAL	Cartesian	186848.7017	71709.81583	0	No	186848.7017
66	GLOBAL	Cartesian	186854.1819	71710.26504	0	No	186854.1819
67	GLOBAL	Cartesian	186859.6162	71711.11889	0	No	186859.6162
68	GLOBAL	Cartesian	186864.9678	71712.37133	0	No	186864.9678
69	GLOBAL	Cartesian	186870.2143	71714.01687	0	No	186870.2143
70	GLOBAL	Cartesian	186875.3248	71716.04604	0	No	186875.3248
71	GLOBAL	Cartesian	186880.2711	71718.44772	0	No	186880.2711
72	GLOBAL	Cartesian	186885.0262	71721.20874	0	No	186885.0262
73	GLOBAL	Cartesian	186889.564	71724.31397	0	No	186889.564
74	GLOBAL	Cartesian	186893.8596	71727.74639	0	No	186893.8596



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**Table: Joint Coordinates, Part 1 of 2**

Joint	CoordSys	CoordType	XorR	Y	Z	SpecialJt	GlobalX
			m	m	m		m
75	GLOBAL	Cartesian	186897.8896	71731.4872	0	No	186897.8896
76	GLOBAL	Cartesian	186901.6349	71735.51954	0	No	186901.6349
77	GLOBAL	Cartesian	186812.8435	71714.28364	0	No	186812.8435
78	GLOBAL	Cartesian	186820.8518	71731.44812	0	No	186820.8518
79	GLOBAL	Cartesian	186818.0914	71712.06784	0	No	186818.0914
80	GLOBAL	Cartesian	186824.8079	71729.77774	0	No	186824.8079
81	GLOBAL	Cartesian	186823.4889	71710.24635	0	No	186823.4889
82	GLOBAL	Cartesian	186828.8768	71728.4046	0	No	186828.8768
83	GLOBAL	Cartesian	186829.0063	71708.82915	0	No	186829.0063
84	GLOBAL	Cartesian	186833.0361	71727.33624	0	No	186833.0361
85	GLOBAL	Cartesian	186834.6134	71707.82401	0	No	186834.6134
86	GLOBAL	Cartesian	186837.2631	71726.57851	0	No	186837.2631
87	GLOBAL	Cartesian	186840.2796	71707.23643	0	No	186840.2796
88	GLOBAL	Cartesian	186841.5345	71726.13556	0	No	186841.5345
89	GLOBAL	Cartesian	186845.9736	71707.06964	0	No	186845.9736
90	GLOBAL	Cartesian	186845.827	71726.00982	0	No	186845.827
91	GLOBAL	Cartesian	186851.6644	71707.32454	0	No	186851.6644
92	GLOBAL	Cartesian	186850.1171	71726.20198	0	No	186850.1171
93	GLOBAL	Cartesian	186854.3816	71726.71107	0	No	186854.3816
94	GLOBAL	Cartesian	186857.3214	71707.9999	0	No	186857.3214
95	GLOBAL	Cartesian	186862.9124	71709.09167	0	No	186862.9124
96	GLOBAL	Cartesian	186858.5964	71727.53417	0	No	186858.5964
97	GLOBAL	Cartesian	186868.4065	71710.59399	0	No	186868.4065
98	GLOBAL	Cartesian	186862.7382	71728.66667	0	No	186862.7382
99	GLOBAL	Cartesian	186866.7853	71730.10262	0	No	186866.7853
100	GLOBAL	Cartesian	186873.7752	71712.4988	0	No	186873.7752
101	GLOBAL	Cartesian	186878.9881	71714.79556	0	No	186878.9881
102	GLOBAL	Cartesian	186870.7152	71731.83403	0	No	186870.7152
103	GLOBAL	Cartesian	186874.5061	71733.85143	0	No	186874.5061
104	GLOBAL	Cartesian	186884.0169	71717.47168	0	No	186884.0169
105	GLOBAL	Cartesian	186888.834	71720.51249	0	No	186888.834
106	GLOBAL	Cartesian	186878.1375	71736.14376	0	No	186878.1375
107	GLOBAL	Cartesian	186881.5893	71738.69844	0	No	186881.5893
108	GLOBAL	Cartesian	186893.4129	71723.90132	0	No	186893.4129
109	GLOBAL	Cartesian	186897.7285	71727.61961	0	No	186897.7285
110	GLOBAL	Cartesian	186884.8426	71741.50149	0	No	186884.8426
111	GLOBAL	Cartesian	186887.8804	71744.53826	0	No	186887.8804
112	GLOBAL	Cartesian	186901.758	71731.648	0	No	186901.758
113	GLOBAL	Cartesian	186859.6138	71711.11852	0	No	186859.6138
114	GLOBAL	Cartesian	186811.3642	71718.83602	0	No	186811.3642
115	GLOBAL	Cartesian	186814.3233	71717.45541	0	No	186814.3233
116	GLOBAL	Cartesian	186819.3325	71715.3404	0	No	186819.3325
117	GLOBAL	Cartesian	186824.4845	71713.60176	0	No	186824.4845
118	GLOBAL	Cartesian	186829.7509	71712.24902	0	No	186829.7509
119	GLOBAL	Cartesian	186835.103	71711.28959	0	No	186835.103
120	GLOBAL	Cartesian	186840.5115	71710.72874	0	No	186840.5115
121	GLOBAL	Cartesian	186845.9465	71710.56953	0	No	186845.9465
122	GLOBAL	Cartesian	186851.3785	71710.81285	0	No	186851.3785
123	GLOBAL	Cartesian	186856.7782	71711.45748	0	No	186856.7782
124	GLOBAL	Cartesian	186862.1148	71712.49959	0	No	186862.1148
125	GLOBAL	Cartesian	186867.3591	71713.93358	0	No	186867.3591
126	GLOBAL	Cartesian	186872.4835	71715.75176	0	No	186872.4835
127	GLOBAL	Cartesian	186877.4594	71717.94405	0	No	186877.4594

AUTOSTRADA VALDASTICO A31 NORD  
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Table: Joint Coordinates, Part 1 of 2

Joint	CoordSys	CoordType	XorR		Z	SpecialJt	GlobalX
			m	m			
128	GLOBAL	Cartesian	186882.2595	71720.49844	0	No	186882.2595
129	GLOBAL	Cartesian	186886.8574	71723.40094	0	No	186886.8574
130	GLOBAL	Cartesian	186891.228	71726.63564	0	No	186891.228
131	GLOBAL	Cartesian	186895.3474	71730.1848	0	No	186895.3474
132	GLOBAL	Cartesian	186899.1936	71734.02996	0	No	186899.1936
133	GLOBAL	Cartesian	186901.415	71736.42157	0	No	186901.415
135	GLOBAL	Cartesian	186857.6366	71710.80785	0	No	186857.6366
137	GLOBAL	Cartesian	186872.0745	71714.75548	0	No	186872.0745
138	GLOBAL	Cartesian	186818.3585	71714.88095	0	No	186818.3585
139	GLOBAL	Cartesian	186897.1591	71730.80917	0	No	186897.1591
140	GLOBAL	Cartesian	186847.6974	71709.80806	0	No	186847.6974
141	GLOBAL	Cartesian	186881.1396	71718.95203	0	No	186881.1396
143	GLOBAL	Cartesian	186827.874	71711.86456	0	No	186827.874
156	GLOBAL	Cartesian	186814.1428	71724.16056	0	No	186814.1428
157	GLOBAL	Cartesian	186816.8602	71722.89273	0	No	186816.8602
158	GLOBAL	Cartesian	186821.4602	71720.95049	0	No	186821.4602
159	GLOBAL	Cartesian	186826.1913	71719.35388	0	No	186826.1913
160	GLOBAL	Cartesian	186831.0275	71718.11164	0	No	186831.0275
161	GLOBAL	Cartesian	186835.9424	71717.23059	0	No	186835.9424
162	GLOBAL	Cartesian	186840.909	71716.71556	0	No	186840.909
163	GLOBAL	Cartesian	186845.9001	71716.56935	0	No	186845.9001
164	GLOBAL	Cartesian	186850.8883	71716.79279	0	No	186850.8883
165	GLOBAL	Cartesian	186855.8469	71717.38477	0	No	186855.8469
166	GLOBAL	Cartesian	186860.7476	71718.34174	0	No	186860.7476
167	GLOBAL	Cartesian	186865.5635	71719.6586	0	No	186865.5635
168	GLOBAL	Cartesian	186870.2693	71721.32824	0	No	186870.2693
169	GLOBAL	Cartesian	186874.8387	71723.34145	0	No	186874.8387
170	GLOBAL	Cartesian	186879.2467	71725.68718	0	No	186879.2467
171	GLOBAL	Cartesian	186883.469	71728.35257	0	No	186883.469
172	GLOBAL	Cartesian	186887.4826	71731.32303	0	No	186887.4826
173	GLOBAL	Cartesian	186891.2654	71734.58227	0	No	186891.2654
174	GLOBAL	Cartesian	186894.7975	71738.11332	0	No	186894.7975
175	GLOBAL	Cartesian	186896.8373	71740.30952	0	No	186896.8373
176	GLOBAL	Cartesian	186816.2151	71728.13178	0	No	186816.2151
177	GLOBAL	Cartesian	186818.7522	71726.94806	0	No	186818.7522
178	GLOBAL	Cartesian	186823.047	71725.13468	0	No	186823.047
179	GLOBAL	Cartesian	186827.4642	71723.644	0	No	186827.4642
180	GLOBAL	Cartesian	186831.9796	71722.48418	0	No	186831.9796
181	GLOBAL	Cartesian	186836.5684	71721.66159	0	No	186836.5684
182	GLOBAL	Cartesian	186841.2055	71721.18072	0	No	186841.2055
183	GLOBAL	Cartesian	186845.8655	71721.04422	0	No	186845.8655
184	GLOBAL	Cartesian	186850.5228	71721.25283	0	No	186850.5228
185	GLOBAL	Cartesian	186855.1529	71721.80561	0	No	186855.1529
186	GLOBAL	Cartesian	186859.7284	71722.69912	0	No	186859.7284
187	GLOBAL	Cartesian	186864.2243	71723.9285	0	No	186864.2243
188	GLOBAL	Cartesian	186868.6179	71725.48738	0	No	186868.6179
189	GLOBAL	Cartesian	186872.8841	71727.36701	0	No	186872.8841
190	GLOBAL	Cartesian	186876.9996	71729.55711	0	No	186876.9996
191	GLOBAL	Cartesian	186880.9418	71732.04567	0	No	186880.9418
192	GLOBAL	Cartesian	186884.6891	71734.81904	0	No	186884.6891
193	GLOBAL	Cartesian	186888.221	71737.86204	0	No	186888.221
194	GLOBAL	Cartesian	186891.5187	71741.15883	0	No	186891.5187
195	GLOBAL	Cartesian	186893.4232	71743.20935	0	No	186893.4232

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**Table: Joint Coordinates, Part 1 of 2**

Joint	CoordSys	CoordType	XorR		Z	SpecialJt	GlobalX
			m	m			
197	GLOBAL	Cartesian	186812.7535	71721.49829	0	No	186812.7535
198	GLOBAL	Cartesian	186815.5917	71720.17407	0	No	186815.5917
199	GLOBAL	Cartesian	186820.3963	71718.14544	0	No	186820.3963
200	GLOBAL	Cartesian	186825.3379	71716.47782	0	No	186825.3379
201	GLOBAL	Cartesian	186830.3892	71715.18033	0	No	186830.3892
202	GLOBAL	Cartesian	186835.5227	71714.26009	0	No	186835.5227
203	GLOBAL	Cartesian	186840.7102	71713.72215	0	No	186840.7102
204	GLOBAL	Cartesian	186845.9233	71713.56944	0	No	186845.9233
205	GLOBAL	Cartesian	186851.1334	71713.80282	0	No	186851.1334
206	GLOBAL	Cartesian	186856.3126	71714.42113	0	No	186856.3126
207	GLOBAL	Cartesian	186861.4312	71715.42067	0	No	186861.4312
208	GLOBAL	Cartesian	186866.4613	71716.79609	0	No	186866.4613
209	GLOBAL	Cartesian	186871.3764	71718.54	0	No	186871.3764
210	GLOBAL	Cartesian	186876.1491	71720.64275	0	No	186876.1491
211	GLOBAL	Cartesian	186880.7531	71723.09281	0	No	186880.7531
212	GLOBAL	Cartesian	186885.1632	71725.87676	0	No	186885.1632
213	GLOBAL	Cartesian	186889.3553	71728.97933	0	No	186889.3553
214	GLOBAL	Cartesian	186893.3064	71732.38353	0	No	186893.3064
215	GLOBAL	Cartesian	186896.9955	71736.07164	0	No	186896.9955
216	GLOBAL	Cartesian	186899.1262	71738.36556	0	No	186899.1262
228	GLOBAL	Cartesian	186821.6325	71723.25819	0	No	186821.6325
229	GLOBAL	Cartesian	186829.995	71720.60729	0	No	186829.995
230	GLOBAL	Cartesian	186847.4164	71718.79999	0	No	186847.4164
231	GLOBAL	Cartesian	186856.1513	71719.67859	0	No	186856.1513
232	GLOBAL	Cartesian	186868.8396	71723.14792	0	No	186868.8396
233	GLOBAL	Cartesian	186876.8063	71726.83597	0	No	186876.8063
235	GLOBAL	Cartesian	186890.8848	71737.25636	0	No	186890.8848
236	GLOBAL	Cartesian	186867.2222	71727.34414	0	No	186867.2222
237	GLOBAL	Cartesian	186874.6397	71730.77794	0	No	186874.6397
239	GLOBAL	Cartesian	186887.7476	71740.47996	0	No	186887.7476
240	GLOBAL	Cartesian	186823.2695	71727.44681	0	No	186823.2695
241	GLOBAL	Cartesian	186831.0555	71724.97866	0	No	186831.0555
242	GLOBAL	Cartesian	186847.2759	71723.29595	0	No	186847.2759
243	GLOBAL	Cartesian	186855.4086	71724.11398	0	No	186855.4086
244	GLOBAL	Cartesian	186819.9955	71719.06957	0	No	186819.9955
245	GLOBAL	Cartesian	186828.9345	71716.23593	0	No	186828.9345
246	GLOBAL	Cartesian	186847.5569	71714.30402	0	No	186847.5569
247	GLOBAL	Cartesian	186856.894	71715.24319	0	No	186856.894
248	GLOBAL	Cartesian	186870.4571	71718.9517	0	No	186870.4571
249	GLOBAL	Cartesian	186878.973	71722.894	0	No	186878.973
251	GLOBAL	Cartesian	186894.022	71734.03277	0	No	186894.022

**Table: Joint Coordinates, Part 2 of 2**

**Table: Joint Coordinates, Part 2 of 2**

Joint	GlobalY	GlobalZ	GUID
	m	m	
1	71725.92504	0	6c39d238-a10c-403d-9225-3148c23aeb1b
2	71723.88192	0	6c39d238-a10c-403d-9225-3148c23aeb1b

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**Table: Joint Coordinates, Part 2 of 2**

Joint	GlobalY m	GlobalZ m	GUID
3	71722.16835	0	6c39d238-a10c-403d-9225-3148c23aeb1b
4	71720.79374	0	6c39d238-a10c-403d-9225-3148c23aeb1b
5	71719.76561	0	6c39d238-a10c-403d-9225-3148c23aeb1b
6	71719.0896	0	6c39d238-a10c-403d-9225-3148c23aeb1b
7	71718.76942	0	6c39d238-a10c-403d-9225-3148c23aeb1b
8	71718.80682	0	6c39d238-a10c-403d-9225-3148c23aeb1b
9	71719.20159	0	6c39d238-a10c-403d-9225-3148c23aeb1b
10	71719.95158	0	6c39d238-a10c-403d-9225-3148c23aeb1b
11	71721.05266	0	6c39d238-a10c-403d-9225-3148c23aeb1b
12	71722.49881	0	6c39d238-a10c-403d-9225-3148c23aeb1b
13	71724.28211	0	6c39d238-a10c-403d-9225-3148c23aeb1b
14	71726.39277	0	6c39d238-a10c-403d-9225-3148c23aeb1b
15	71728.81923	0	6c39d238-a10c-403d-9225-3148c23aeb1b
16	71731.5482	0	6c39d238-a10c-403d-9225-3148c23aeb1b
17	71734.56471	0	6c39d238-a10c-403d-9225-3148c23aeb1b
18	71737.85223	0	6c39d238-a10c-403d-9225-3148c23aeb1b
19	71741.39276	0	6c39d238-a10c-403d-9225-3148c23aeb1b
20	71725.39333	0	6c39d238-a10c-403d-9225-3148c23aeb1b
21	71726.73978	0	6c39d238-a10c-403d-9225-3148c23aeb1b
22	71728.40014	0	6c39d238-a10c-403d-9225-3148c23aeb1b
23	71730.36529	0	6c39d238-a10c-403d-9225-3148c23aeb1b
24	71732.62448	0	6c39d238-a10c-403d-9225-3148c23aeb1b
25	71735.16531	0	6c39d238-a10c-403d-9225-3148c23aeb1b
26	71737.97387	0	6c39d238-a10c-403d-9225-3148c23aeb1b
27	71741.03475	0	6c39d238-a10c-403d-9225-3148c23aeb1b
28	71744.33409	0	6c39d238-a10c-403d-9225-3148c23aeb1b
29	71729.92981	0	6c39d238-a10c-403d-9225-3148c23aeb1b
30	71728.02754	0	6c39d238-a10c-403d-9225-3148c23aeb1b
31	71726.4321	0	6c39d238-a10c-403d-9225-3148c23aeb1b

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1° LOTTO – Piovene Rocchette – Valle dell’Astico

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**Table: Joint Coordinates, Part 2 of 2**

Joint	GlobalY m	GlobalZ m	GUID
32	71725.15225	0	6c39d238-a10c-403d-9225-3148c23aeb1b
33	71724.195	0	6c39d238-a10c-403d-9225-3148c23aeb1b
34	71723.5656	0	6c39d238-a10c-403d-9225-3148c23aeb1b
35	71723.26749	0	6c39d238-a10c-403d-9225-3148c23aeb1b
36	71723.30231	0	6c39d238-a10c-403d-9225-3148c23aeb1b
37	71723.66987	0	6c39d238-a10c-403d-9225-3148c23aeb1b
38	71724.36815	0	6c39d238-a10c-403d-9225-3148c23aeb1b
39	71721.92027	0	6c39d238-a10c-403d-9225-3148c23aeb1b
40	71719.7363	0	6c39d238-a10c-403d-9225-3148c23aeb1b
41	71717.9046	0	6c39d238-a10c-403d-9225-3148c23aeb1b
42	71716.43522	0	6c39d238-a10c-403d-9225-3148c23aeb1b
43	71715.33622	0	6c39d238-a10c-403d-9225-3148c23aeb1b
44	71714.61361	0	6c39d238-a10c-403d-9225-3148c23aeb1b
45	71714.27135	0	6c39d238-a10c-403d-9225-3148c23aeb1b
46	71714.31133	0	6c39d238-a10c-403d-9225-3148c23aeb1b
47	71714.73331	0	6c39d238-a10c-403d-9225-3148c23aeb1b
48	71715.535	0	6c39d238-a10c-403d-9225-3148c23aeb1b
49	71716.71199	0	6c39d238-a10c-403d-9225-3148c23aeb1b
50	71718.25784	0	6c39d238-a10c-403d-9225-3148c23aeb1b
51	71720.16408	0	6c39d238-a10c-403d-9225-3148c23aeb1b
52	71722.42024	0	6c39d238-a10c-403d-9225-3148c23aeb1b
53	71725.01398	0	6c39d238-a10c-403d-9225-3148c23aeb1b
54	71727.93108	0	6c39d238-a10c-403d-9225-3148c23aeb1b
55	71731.15555	0	6c39d238-a10c-403d-9225-3148c23aeb1b
56	71734.66972	0	6c39d238-a10c-403d-9225-3148c23aeb1b
57	71738.45432	0	6c39d238-a10c-403d-9225-3148c23aeb1b
58	71717.91551	0	6c39d238-a10c-403d-9225-3148c23aeb1b
59	71715.59068	0	6c39d238-a10c-403d-9225-3148c23aeb1b
60	71713.64085	0	6c39d238-a10c-403d-9225-3148c23aeb1b

AUTOSTRADA VALDASTICO A31 NORD  
1° LOTTO – Piovene Rocchette – Valle dell’Astico

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**Table: Joint Coordinates, Part 2 of 2**

Joint	GlobalY m	GlobalZ m	GUID
61	71712.0767	0	6c39d238-a10c-403d-9225-3148c23aeb1b
62	71710.90682	0	6c39d238-a10c-403d-9225-3148c23aeb1b
63	71710.13761	0	6c39d238-a10c-403d-9225-3148c23aeb1b
64	71709.77328	0	6c39d238-a10c-403d-9225-3148c23aeb1b
65	71709.81583	0	6c39d238-a10c-403d-9225-3148c23aeb1b
66	71710.26504	0	6c39d238-a10c-403d-9225-3148c23aeb1b
67	71711.11889	0	6c39d238-a10c-403d-9225-3148c23aeb1b
68	71712.37133	0	6c39d238-a10c-403d-9225-3148c23aeb1b
69	71714.01687	0	6c39d238-a10c-403d-9225-3148c23aeb1b
70	71716.04604	0	6c39d238-a10c-403d-9225-3148c23aeb1b
71	71718.44772	0	6c39d238-a10c-403d-9225-3148c23aeb1b
72	71721.20874	0	6c39d238-a10c-403d-9225-3148c23aeb1b
73	71724.31397	0	6c39d238-a10c-403d-9225-3148c23aeb1b
74	71727.74639	0	6c39d238-a10c-403d-9225-3148c23aeb1b
75	71731.4872	0	6c39d238-a10c-403d-9225-3148c23aeb1b
76	71735.51954	0	6c39d238-a10c-403d-9225-3148c23aeb1b
77	71714.28364	0	6c39d238-a10c-403d-9225-3148c23aeb1b
78	71731.44812	0	6c39d238-a10c-403d-9225-3148c23aeb1b
79	71712.06784	0	6c39d238-a10c-403d-9225-3148c23aeb1b
80	71729.77774	0	6c39d238-a10c-403d-9225-3148c23aeb1b
81	71710.24635	0	6c39d238-a10c-403d-9225-3148c23aeb1b
82	71728.4046	0	6c39d238-a10c-403d-9225-3148c23aeb1b
83	71708.82915	0	6c39d238-a10c-403d-9225-3148c23aeb1b
84	71727.33624	0	6c39d238-a10c-403d-9225-3148c23aeb1b
85	71707.82401	0	6c39d238-a10c-403d-9225-3148c23aeb1b
86	71726.57851	0	6c39d238-a10c-403d-9225-3148c23aeb1b
87	71707.23643	0	6c39d238-a10c-403d-9225-3148c23aeb1b
88	71726.13556	0	6c39d238-a10c-403d-9225-3148c23aeb1b
89	71707.06964	0	6c39d238-a10c-403d-9225-3148c23aeb1b

AUTOSTRADA VALDASTICO A31 NORD  
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**Table: Joint Coordinates, Part 2 of 2**

Joint	GlobalY m	GlobalZ m	GUID
90	71726.00982	0	6c39d238-a10c-403d-9225-3148c23aeb1b
91	71707.32454	0	6c39d238-a10c-403d-9225-3148c23aeb1b
92	71726.20198	0	6c39d238-a10c-403d-9225-3148c23aeb1b
93	71726.71107	0	6c39d238-a10c-403d-9225-3148c23aeb1b
94	71707.9999	0	6c39d238-a10c-403d-9225-3148c23aeb1b
95	71709.09167	0	6c39d238-a10c-403d-9225-3148c23aeb1b
96	71727.53417	0	6c39d238-a10c-403d-9225-3148c23aeb1b
97	71710.59399	0	6c39d238-a10c-403d-9225-3148c23aeb1b
98	71728.66667	0	6c39d238-a10c-403d-9225-3148c23aeb1b
99	71730.10262	0	6c39d238-a10c-403d-9225-3148c23aeb1b
100	71712.4988	0	6c39d238-a10c-403d-9225-3148c23aeb1b
101	71714.79556	0	6c39d238-a10c-403d-9225-3148c23aeb1b
102	71731.83403	0	6c39d238-a10c-403d-9225-3148c23aeb1b
103	71733.85143	0	6c39d238-a10c-403d-9225-3148c23aeb1b
104	71717.47168	0	6c39d238-a10c-403d-9225-3148c23aeb1b
105	71720.51249	0	6c39d238-a10c-403d-9225-3148c23aeb1b
106	71736.14376	0	6c39d238-a10c-403d-9225-3148c23aeb1b
107	71738.69844	0	6c39d238-a10c-403d-9225-3148c23aeb1b
108	71723.90132	0	6c39d238-a10c-403d-9225-3148c23aeb1b
109	71727.61961	0	6c39d238-a10c-403d-9225-3148c23aeb1b
110	71741.50149	0	6c39d238-a10c-403d-9225-3148c23aeb1b
111	71744.53826	0	6c39d238-a10c-403d-9225-3148c23aeb1b
112	71731.648	0	6c39d238-a10c-403d-9225-3148c23aeb1b
113	71711.11852	0	6c39d238-a10c-403d-9225-3148c23aeb1b
114	71718.83602	0	614757a6-7a59-474e-8813-45ed579333de
115	71717.45541	0	614757a6-7a59-474e-8813-45ed579333de
116	71715.3404	0	614757a6-7a59-474e-8813-45ed579333de
117	71713.60176	0	614757a6-7a59-474e-8813-45ed579333de
118	71712.24902	0	614757a6-7a59-474e-8813-45ed579333de

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**Table: Joint Coordinates, Part 2 of 2**

Joint	GlobalY m	GlobalZ m	GUID
119	71711.28959	0	614757a6-7a59-474e-8813-45ed579333de
120	71710.72874	0	614757a6-7a59-474e-8813-45ed579333de
121	71710.56953	0	614757a6-7a59-474e-8813-45ed579333de
122	71710.81285	0	614757a6-7a59-474e-8813-45ed579333de
123	71711.45748	0	614757a6-7a59-474e-8813-45ed579333de
124	71712.49959	0	614757a6-7a59-474e-8813-45ed579333de
125	71713.93358	0	614757a6-7a59-474e-8813-45ed579333de
126	71715.75176	0	614757a6-7a59-474e-8813-45ed579333de
127	71717.94405	0	614757a6-7a59-474e-8813-45ed579333de
128	71720.49844	0	614757a6-7a59-474e-8813-45ed579333de
129	71723.40094	0	614757a6-7a59-474e-8813-45ed579333de
130	71726.63564	0	614757a6-7a59-474e-8813-45ed579333de
131	71730.1848	0	614757a6-7a59-474e-8813-45ed579333de
132	71734.02996	0	614757a6-7a59-474e-8813-45ed579333de
133	71736.42157	0	614757a6-7a59-474e-8813-45ed579333de
135	71710.80785	0	71af16aa-b2d2-4c6b-88f8-e6f09270a7d5
137	71714.75548	0	71af16aa-b2d2-4c6b-88f8-e6f09270a7d5
138	71714.88095	0	71af16aa-b2d2-4c6b-88f8-e6f09270a7d5
139	71730.80917	0	71af16aa-b2d2-4c6b-88f8-e6f09270a7d5
140	71709.80806	0	71af16aa-b2d2-4c6b-88f8-e6f09270a7d5
141	71718.95203	0	71af16aa-b2d2-4c6b-88f8-e6f09270a7d5
143	71711.86456	0	71af16aa-b2d2-4c6b-88f8-e6f09270a7d5
156	71724.16056	0	614757a6-7a59-474e-8813-45ed579333de
157	71722.89273	0	614757a6-7a59-474e-8813-45ed579333de
158	71720.95049	0	614757a6-7a59-474e-8813-45ed579333de
159	71719.35388	0	614757a6-7a59-474e-8813-45ed579333de
160	71718.11164	0	614757a6-7a59-474e-8813-45ed579333de
161	71717.23059	0	614757a6-7a59-474e-8813-45ed579333de
162	71716.71556	0	614757a6-7a59-474e-8813-45ed579333de



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**Table: Joint Coordinates, Part 2 of 2**

Joint	GlobalY m	GlobalZ m	GUID
163	71716.56935	0	614757a6-7a59-474e-8813-45ed579333de
164	71716.79279	0	614757a6-7a59-474e-8813-45ed579333de
165	71717.38477	0	614757a6-7a59-474e-8813-45ed579333de
166	71718.34174	0	614757a6-7a59-474e-8813-45ed579333de
167	71719.6586	0	614757a6-7a59-474e-8813-45ed579333de
168	71721.32824	0	614757a6-7a59-474e-8813-45ed579333de
169	71723.34145	0	614757a6-7a59-474e-8813-45ed579333de
170	71725.68718	0	614757a6-7a59-474e-8813-45ed579333de
171	71728.35257	0	614757a6-7a59-474e-8813-45ed579333de
172	71731.32303	0	614757a6-7a59-474e-8813-45ed579333de
173	71734.58227	0	614757a6-7a59-474e-8813-45ed579333de
174	71738.11332	0	614757a6-7a59-474e-8813-45ed579333de
175	71740.30952	0	614757a6-7a59-474e-8813-45ed579333de
176	71728.13178	0	614757a6-7a59-474e-8813-45ed579333de
177	71726.94806	0	614757a6-7a59-474e-8813-45ed579333de
178	71725.13468	0	614757a6-7a59-474e-8813-45ed579333de
179	71723.644	0	614757a6-7a59-474e-8813-45ed579333de
180	71722.48418	0	614757a6-7a59-474e-8813-45ed579333de
181	71721.66159	0	614757a6-7a59-474e-8813-45ed579333de
182	71721.18072	0	614757a6-7a59-474e-8813-45ed579333de
183	71721.04422	0	614757a6-7a59-474e-8813-45ed579333de
184	71721.25283	0	614757a6-7a59-474e-8813-45ed579333de
185	71721.80561	0	614757a6-7a59-474e-8813-45ed579333de
186	71722.69912	0	614757a6-7a59-474e-8813-45ed579333de
187	71723.9285	0	614757a6-7a59-474e-8813-45ed579333de
188	71725.48738	0	614757a6-7a59-474e-8813-45ed579333de
189	71727.36701	0	614757a6-7a59-474e-8813-45ed579333de
190	71729.55711	0	614757a6-7a59-474e-8813-45ed579333de
191	71732.04567	0	614757a6-7a59-474e-8813-45ed579333de

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**Table: Joint Coordinates, Part 2 of 2**

Joint	GlobalY m	GlobalZ m	GUID
192	71734.81904	0	614757a6-7a59-474e-8813-45ed579333de
193	71737.86204	0	614757a6-7a59-474e-8813-45ed579333de
194	71741.15883	0	614757a6-7a59-474e-8813-45ed579333de
195	71743.20935	0	614757a6-7a59-474e-8813-45ed579333de
197	71721.49829	0	614757a6-7a59-474e-8813-45ed579333de
198	71720.17407	0	614757a6-7a59-474e-8813-45ed579333de
199	71718.14544	0	614757a6-7a59-474e-8813-45ed579333de
200	71716.47782	0	614757a6-7a59-474e-8813-45ed579333de
201	71715.18033	0	614757a6-7a59-474e-8813-45ed579333de
202	71714.26009	0	614757a6-7a59-474e-8813-45ed579333de
203	71713.72215	0	614757a6-7a59-474e-8813-45ed579333de
204	71713.56944	0	614757a6-7a59-474e-8813-45ed579333de
205	71713.80282	0	614757a6-7a59-474e-8813-45ed579333de
206	71714.42113	0	614757a6-7a59-474e-8813-45ed579333de
207	71715.42067	0	614757a6-7a59-474e-8813-45ed579333de
208	71716.79609	0	614757a6-7a59-474e-8813-45ed579333de
209	71718.54	0	614757a6-7a59-474e-8813-45ed579333de
210	71720.64275	0	614757a6-7a59-474e-8813-45ed579333de
211	71723.09281	0	614757a6-7a59-474e-8813-45ed579333de
212	71725.87676	0	614757a6-7a59-474e-8813-45ed579333de
213	71728.97933	0	614757a6-7a59-474e-8813-45ed579333de
214	71732.38353	0	614757a6-7a59-474e-8813-45ed579333de
215	71736.07164	0	614757a6-7a59-474e-8813-45ed579333de
216	71738.36556	0	614757a6-7a59-474e-8813-45ed579333de
228	71723.25819	0	71af16aa-b2d2-4c6b-88f8-e6f09270a7d5
229	71720.60729	0	71af16aa-b2d2-4c6b-88f8-e6f09270a7d5
230	71718.79999	0	71af16aa-b2d2-4c6b-88f8-e6f09270a7d5
231	71719.67859	0	71af16aa-b2d2-4c6b-88f8-e6f09270a7d5
232	71723.14792	0	71af16aa-b2d2-4c6b-88f8-e6f09270a7d5

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**Table: Joint Coordinates, Part 2 of 2**

Joint	GlobalY m	GlobalZ m	GUID
233	71726.83597	0	71af16aa-b2d2-4c6b-88f8-e6f09270a7d5
235	71737.25636	0	71af16aa-b2d2-4c6b-88f8-e6f09270a7d5
236	71727.34414	0	71af16aa-b2d2-4c6b-88f8-e6f09270a7d5
237	71730.77794	0	71af16aa-b2d2-4c6b-88f8-e6f09270a7d5
239	71740.47996	0	71af16aa-b2d2-4c6b-88f8-e6f09270a7d5
240	71727.44681	0	71af16aa-b2d2-4c6b-88f8-e6f09270a7d5
241	71724.97866	0	71af16aa-b2d2-4c6b-88f8-e6f09270a7d5
242	71723.29595	0	71af16aa-b2d2-4c6b-88f8-e6f09270a7d5
243	71724.11398	0	71af16aa-b2d2-4c6b-88f8-e6f09270a7d5
244	71719.06957	0	71af16aa-b2d2-4c6b-88f8-e6f09270a7d5
245	71716.23593	0	71af16aa-b2d2-4c6b-88f8-e6f09270a7d5
246	71714.30402	0	71af16aa-b2d2-4c6b-88f8-e6f09270a7d5
247	71715.24319	0	71af16aa-b2d2-4c6b-88f8-e6f09270a7d5
248	71718.9517	0	71af16aa-b2d2-4c6b-88f8-e6f09270a7d5
249	71722.894	0	71af16aa-b2d2-4c6b-88f8-e6f09270a7d5
251	71734.03277	0	71af16aa-b2d2-4c6b-88f8-e6f09270a7d5

**Table: Load Case Definitions, Part 1 of 3**

**Table: Load Case Definitions, Part 1 of 3**

Case	Type	InitialCond	ModalCase	BaseCase	MassSource	DesTypeOpt	DesignType
coaz_Pila_cedimento	LinStatic	Zero				Prog Det	Other
e3_iper_TER M	LinStatic	Zero				Prog Det	Other
q5_Vento	LinStatic	Zero				Prog Det	Other
q4_centrifuga	LinStatic	Zero				Prog Det	Other
Mov_01	LinMoving	Zero				Prog Det	Vehicle Live
g1.2	LinStatic	Zero				Prog Det	Other
g2	LinStatic	Zero				Prog Det	Other
g1.1	LinStatic	Zero				Prog Det	Dead
e3_iper_TER M-1	LinStatic	Zero				Prog Det	Other
fatica	LinMoving	Zero				Prog Det	Vehicle Live

**Table: Load Case Definitions, Part 2 of 3**

**Table: Load Case Definitions, Part 2 of 3**

Case	DesActOpt	DesignAct	AutoType	RunCase	CaseStatus	GUID
coaz_Pila_cedimento	Prog Det	Other	None	No	Not Run	
e3_iper_TER M	Prog Det	Other	None	No	Not Run	
q5_Vento	Prog Det	Other	None	No	Not Run	
q4_centrifuga	Prog Det	Other	None	No	Not Run	
Mov_01	Prog Det	Short-Term Composite	None	Yes	Finished	
g1.2	Prog Det	Other	None	Yes	Finished	
g2	Prog Det	Other	None	Yes	Finished	
g1.1	Prog Det	Non-Composite	None	Yes	Finished	
e3_iper_TER M-1	Prog Det	Other	None	Yes	Finished	
fatica	Prog Det	Short-Term Composite	None	Yes	Finished	

**Table: Load Case Definitions, Part 3 of 3**

**Table: Load Case Definitions, Part 3 of 3**

Case	Notes
coaz_Pila_cedimento	
e3_iper_TER M	
q5_Vento	
q4_centrifuga	
Mov_01	
g1.2	
g2	
g1.1	
e3_iper_TER M-1	
fatica	

## 1.2. Output

### 1.2.1 Output Fase 1

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**Table: Element Forces - Frames, Part 1 of 2**

Table: Element Forces - Frames, Part 1 of 2								
Frame	Station m	OutputCase	CaseType	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
1	0	FASE I	Combination	0	-1391.201	0	1149.2087	0
1	5.49856	FASE I	Combination	0	-1117.145	0	1149.2087	0
3	0	FASE I	Combination	0	-996.064	0	1099.148	0
3	2.00144	FASE I	Combination	0	-896.31	0	1099.148	0
7	0	FASE I	Combination	0	-896.31	0	1099.148	0
7	3.49712	FASE I	Combination	0	-711.245	0	1099.148	0
12	0	FASE I	Combination	0	-606.193	0	742.4383	0
12	5.49856	FASE I	Combination	0	-315.214	0	742.4383	0
16	0	FASE I	Combination	0	-201.554	0	264.9471	0
16	0.99712	FASE I	Combination	0	-148.788	0	264.9471	0
20	0	FASE I	Combination	0	-148.788	0	264.9471	0
20	4.50144	FASE I	Combination	0	87.87	0	264.9471	0
25	0	FASE I	Combination	0	203.139	0	-230.4269	0
25	5.49856	FASE I	Combination	0	492.218	0	-230.4269	0
29	0	FASE I	Combination	0	595.205	0	-659.1649	0
29	5.49856	FASE I	Combination	0	885.93	0	-659.1649	0
36	0	FASE I	Combination	0	954.485	0	-953.8362	0
36	4.49423	FASE I	Combination	0	1192.109	0	-953.8362	0
40	0	FASE I	Combination	0	1192.109	0	-953.8362	0
40	1.00432	FASE I	Combination	0	1246.279	0	-953.8362	0
44	0	FASE I	Combination	0	1249.492	0	-1064.8181	0
44	5.49856	FASE I	Combination	0	1546.068	0	-1064.8181	0
48	0	FASE I	Combination	0	1440.809	0	-970.8501	0
48	3.49712	FASE I	Combination	0	1629.433	0	-970.8501	0
52	0	FASE I	Combination	0	1629.433	0	-970.8501	0
52	2.00385	FASE I	Combination	0	1502.062	0	-1702.9939	0
56	0	FASE I	Combination	0	1502.062	0	-661.3573	0
56	5.49615	FASE I	Combination	0	1855.275	0	-661.3573	0
61	0	FASE I	Combination	0	-1494.362	0	-340.3467	0
61	5.49856	FASE I	Combination	0	-1140.994	0	-340.3467	0
66	0	FASE I	Combination	0	-1405.757	0	30.4481	0
66	2.00144	FASE I	Combination	0	-1277.134	0	30.4481	0
69	0	FASE I	Combination	0	-1277.134	0	30.4481	0
69	3.49712	FASE I	Combination	0	-1088.509	0	30.4481	0
130	0	FASE I	Combination	0	-1204.408	0	262.4228	0
130	5.49856	FASE I	Combination	0	-907.832	0	262.4228	0
134	0	FASE I	Combination	0	-908.293	0	387.8545	0
134	1.00432	FASE I	Combination	0	-854.122	0	387.8545	0
138	0	FASE I	Combination	0	-854.122	0	387.8545	0
138	4.49423	FASE I	Combination	0	-631.452	0	387.8545	0
145	0	FASE I	Combination	0	-584	0	360.3907	0
145	5.49856	FASE I	Combination	0	-311.569	0	360.3907	0
209	0	FASE I	Combination	0	-259.476	0	196.4709	0
209	5.49856	FASE I	Combination	0	8.323	0	196.4709	0
213	0	FASE I	Combination	0	71.399	0	28.0901	0
213	4.50193	FASE I	Combination	0	290.659	0	28.0901	0
215	0	FASE I	Combination	0	290.659	0	28.0901	0
215	0.99662	FASE I	Combination	0	339.625	0	28.0901	0
216	0	FASE I	Combination	0	378.069	0	-122.9809	0
216	5.50338	FASE I	Combination	0	648.461	0	-122.9809	0

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**Table: Element Forces - Frames, Part 2 of 2**

Table: Element Forces - Frames, Part 2 of 2					
Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
1	0	FASE I	42.567	1-1	0
1	5.49856	FASE I	6938.7112	1-2	2.74928
3	0	FASE I	7021.9909	3-1	0
3	2.00144	FASE I	8915.7289	3-1	2.00144
7	0	FASE I	8915.7289	7-1	0
7	3.49712	FASE I	11726.6325	7-2	2.74928
12	0	FASE I	11794.8453	12-1	0
12	5.49856	FASE I	14328.0514	12-2	2.74928
16	0	FASE I	14365.3652	16-1	0
16	0.99712	FASE I	14540.0312	16-1	0.99712
20	0	FASE I	14540.0312	20-1	0
20	4.50144	FASE I	14677.1408	20-2	2.74928
25	0	FASE I	14678.4195	25-1	0
25	5.49856	FASE I	12766.6882	25-2	2.74928
29	0	FASE I	12733.7375	29-1	0
29	5.49856	FASE I	8661.6818	29-2	2.74928
36	0	FASE I	8601.9358	36-1	0
36	4.49423	FASE I	3778.2873	36-2	1.74495
40	0	FASE I	3778.2873	40-1	0
40	1.00432	FASE I	2553.8209	40-1	1.00432
44	0	FASE I	2479.0495	44-1	0
44	5.49856	FASE I	-5206.7257	44-2	2.74928
48	0	FASE I	-5282.1463	48-1	0
48	3.49712	FASE I	-10650.6448	48-2	0.74721
52	0	FASE I	-10650.6448	52-1	0
52	2.00385	FASE I	-14017.0862	52-2	0.00241
56	0	FASE I	-14104.6624	56-1	0
56	5.49615	FASE I	-23330.8779	56-2	2.74865
61	0	FASE I	-23367.9846	61-1	0
61	5.49856	FASE I	-16122.6568	61-2	2.74928
66	0	FASE I	-16134.1355	66-1	0
66	2.00144	FASE I	-13449.3108	66-1	2.00144
69	0	FASE I	-13449.3108	69-1	0
69	3.49712	FASE I	-9312.8455	69-2	2.74928
130	0	FASE I	-9301.9975	130-1	0
130	5.49856	FASE I	-3494.861	130-2	2.74928
134	0	FASE I	-3470.7746	134-1	0
134	1.00432	FASE I	-2585.7562	134-1	1.00432
138	0	FASE I	-2585.7562	138-1	0
138	4.49423	FASE I	752.5023	138-2	2.74928
145	0	FASE I	780.2175	145-1	0
145	5.49856	FASE I	3242.3893	145-2	2.74928
209	0	FASE I	3263.0156	209-1	0
209	5.49856	FASE I	3953.5067	209-2	2.74928
213	0	FASE I	3961.8244	213-1	0
213	4.50193	FASE I	3146.8442	213-2	1.75265
215	0	FASE I	3146.8442	215-1	0
215	0.99662	FASE I	2832.7658	215-1	0.99662
216	0	FASE I	2829.2504	216-1	0
216	5.50338	FASE I	4.5592	216-2	2.75284

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**1.2.2 Output Fase 2**

**Table: Element Forces - Frames, Part 1 of 2**

Table: Element Forces - Frames, Part 1 of 2								
Frame	Station m	OutputCase	CaseType	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
1	0	g2	LinStatic	0	-526.139	0	459.2652	0
1	5.49856	g2	LinStatic	0	-321.682	0	651	0
3	0	g2	LinStatic	0	-302.083	0	576.3171	0
3	2.00144	g2	LinStatic	0	-250.046	0	576.3171	0
7	0	g2	LinStatic	0	-250.046	0	576.3171	0
7	3.49712	g2	LinStatic	0	-161.118	0	630.507	0
12	0	g2	LinStatic	0	-170.895	0	399.2429	0
12	5.49856	g2	LinStatic	0	-46.936	0	418.1763	0
16	0	g2	LinStatic	0	-63.486	0	128.0754	0
16	0.99712	g2	LinStatic	0	-37.561	0	128.0754	0
20	0	g2	LinStatic	0	-37.561	0	128.0754	0
20	4.50144	g2	LinStatic	0	57.168	0	138.9289	0
25	0	g2	LinStatic	0	40.049	0	-156.4553	0
25	5.49856	g2	LinStatic	0	161.083	0	-149.752	0
29	0	g2	LinStatic	0	144.268	0	-409.9301	0
29	5.49856	g2	LinStatic	0	266.198	0	-410.7174	0
36	0	g2	LinStatic	0	249.249	0	-597.6786	0
36	4.49423	g2	LinStatic	0	346.413	0	-608.9709	0
40	0	g2	LinStatic	0	346.413	0	-608.9709	0
40	1.00432	g2	LinStatic	0	372.526	0	-608.9709	0
44	0	g2	LinStatic	0	355.238	0	-683.0715	0
44	5.49856	g2	LinStatic	0	479.697	0	-707.8819	0
48	0	g2	LinStatic	0	460.726	0	-630.0357	0
48	3.49712	g2	LinStatic	0	533.077	0	-671.1886	0
52	0	g2	LinStatic	0	533.077	0	-671.1886	0
52	2.00385	g2	LinStatic	0	561.741	0	-730.4959	0
56	0	g2	LinStatic	0	561.741	0	-403.1103	0
56	5.49615	g2	LinStatic	0	685.972	0	-456.4638	0
61	0	g2	LinStatic	0	-607.564	0	32.3827	0
61	5.49856	g2	LinStatic	0	-483.39	0	-24.0512	0
66	0	g2	LinStatic	0	-507.449	0	269.9459	0
66	2.00144	g2	LinStatic	0	-455.411	0	269.9459	0
69	0	g2	LinStatic	0	-455.411	0	269.9459	0
69	3.49712	g2	LinStatic	0	-383.188	0	220.119	0
130	0	g2	LinStatic	0	-403.044	0	350.5597	0
130	5.49856	g2	LinStatic	0	-278.729	0	311.6066	0
134	0	g2	LinStatic	0	-297.601	0	315.4128	0
134	1.00432	g2	LinStatic	0	-271.489	0	315.4128	0
138	0	g2	LinStatic	0	-271.489	0	315.4128	0
138	4.49423	g2	LinStatic	0	-175.302	0	282.8421	0
145	0	g2	LinStatic	0	-195.455	0	196.1994	0
145	5.49856	g2	LinStatic	0	-75.546	0	166.6821	0
209	0	g2	LinStatic	0	-96.096	0	29.8028	0
209	5.49856	g2	LinStatic	0	25.059	0	7.7087	0
213	0	g2	LinStatic	0	9.727	0	-129.735	0

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**Table: Element Forces - Frames, Part 1 of 2**

Frame	Station m	OutputCase	CaseType	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
213	4.50193	g2	LinStatic	0	118.013	0	-122.2093	0
215	0	g2	LinStatic	0	118.013	0	-122.2093	0
215	0.99662	g2	LinStatic	0	143.926	0	-122.2093	0
216	0	g2	LinStatic	0	152.307	0	-177.1822	0
216	5.50338	g2	LinStatic	0	334.109	0	-67.0871	0

**Table: Element Forces - Frames, Part 2 of 2**

**Table: Element Forces - Frames, Part 2 of 2**

Frame	Station m	OutputCase	M3 KN-m	FrameElem	ElemStation m
1	0	g2	17.0113	1-1	0
1	5.49856	g2	2294.2925	1-2	2.74928
3	0	g2	2339.7526	3-1	0
3	2.00144	g2	2892.2799	3-1	2.00144
7	0	g2	2892.2799	7-1	0
7	3.49712	g2	3574.8713	7-2	2.74928
12	0	g2	3613.0135	12-1	0
12	5.49856	g2	4188.3096	12-2	2.74928
16	0	g2	4208.5429	16-1	0
16	0.99712	g2	4258.9204	16-1	0.99712
20	0	g2	4258.9204	20-1	0
20	4.50144	g2	4217.1143	20-2	2.74928
25	0	g2	4216.4651	25-1	0
25	5.49856	g2	3668.4632	25-2	2.74928
29	0	g2	3647.7324	29-1	0
29	5.49856	g2	2536.0648	29-2	2.74928
36	0	g2	2498.7136	36-1	0
36	4.49423	g2	1175.7031	36-2	1.74495
40	0	g2	1175.7031	40-1	0
40	1.00432	g2	814.6793	40-1	1.00432
44	0	g2	766.8217	44-1	0
44	5.49856	g2	-1499.7737	44-2	2.74928
48	0	g2	-1549.3416	48-1	0
48	3.49712	g2	-3280.1747	48-2	0.74721
52	0	g2	-3280.1747	52-1	0
52	2.00385	g2	-4398.3283	52-2	0.00241
56	0	g2	-4440.3173	56-1	0
56	5.49615	g2	-7852.1604	56-2	2.74865
61	0	g2	-7867.8658	61-1	0
61	5.49856	g2	-4865.0288	61-2	2.74928
66	0	g2	-4855.9208	66-1	0
66	2.00144	g2	-3892.3667	66-1	2.00144
69	0	g2	-3892.3667	69-1	0
69	3.49712	g2	-2413.2822	69-2	2.74928
130	0	g2	-2392.1441	130-1	0
130	5.49856	g2	-529.4135	130-2	2.74928
134	0	g2	-506.1885	134-1	0
134	1.00432	g2	-220.4129	134-1	1.00432
138	0	g2	-220.4129	138-1	0
138	4.49423	g2	782.4549	138-2	2.74928
145	0	g2	800.1987	145-1	0



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**Table: Element Forces - Frames, Part 2 of 2**

Frame	Station m	OutputCase	M3 KN-m	FrameElem	ElemStation m
145	5.49856	g2	1538.8007	145-2	2.74928
209	0	g2	1546.0786	209-1	0
209	5.49856	g2	1743.4804	209-2	2.74928
213	0	g2	1738.9605	213-1	0
213	4.50193	g2	1459.7993	213-2	1.75265
215	0	g2	1459.7993	215-1	0
215	0.99662	g2	1329.2719	215-1	0.99662
216	0	g2	1318.1782	216-1	0
216	5.50338	g2	2.4871	216-2	2.75284

### 1.2.3 Output Fase 3

**Table: Element Forces - Frames, Part 1 of 2**

**Table: Element Forces - Frames, Part 1 of 2**

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
1	0	Mov_01	LinMoving	Max P	0	0	0	0
1	5.49856	Mov_01	LinMoving	Max P	0	0	0	0
1	0	Mov_01	LinMoving	Min P	0	0	0	0
1	5.49856	Mov_01	LinMoving	Min P	0	0	0	0
1	0	Mov_01	LinMoving	Max V2	0	154.629	0	-253.7758
1	5.49856	Mov_01	LinMoving	Max V2	0	159.363	0	63.7986
1	0	Mov_01	LinMoving	Min V2	0	-1289.026	0	447.8831
1	5.49856	Mov_01	LinMoving	Min V2	0	-901.153	0	1066.4787
1	0	Mov_01	LinMoving	Max V3	0	0	0	0
1	5.49856	Mov_01	LinMoving	Max V3	0	0	0	0
1	0	Mov_01	LinMoving	Min V3	0	0	0	0
1	5.49856	Mov_01	LinMoving	Min V3	0	0	0	0
1	0	Mov_01	LinMoving	Max T	0	-885.466	0	908.9735
1	5.49856	Mov_01	LinMoving	Max T	0	-678.993	0	1354.3045
1	0	Mov_01	LinMoving	Min T	0	47.876	0	-276.9161
1	5.49856	Mov_01	LinMoving	Min T	0	78.298	0	-382.4968
1	0	Mov_01	LinMoving	Max M2	0	0	0	0
1	5.49856	Mov_01	LinMoving	Max M2	0	0	0	0
1	0	Mov_01	LinMoving	Min M2	0	0	0	0
1	5.49856	Mov_01	LinMoving	Min M2	0	0	0	0
1	0	Mov_01	LinMoving	Max M3	0	55.774	0	-270.0702
1	5.49856	Mov_01	LinMoving	Max M3	0	-863.838	0	1098.8034
1	0	Mov_01	LinMoving	Min M3	0	-949.366	0	894.6489
1	5.49856	Mov_01	LinMoving	Min M3	0	116.247	0	-362.4685
3	0	Mov_01	LinMoving	Max P	0	0	0	0
3	2.00144	Mov_01	LinMoving	Max P	0	0	0	0
3	0	Mov_01	LinMoving	Min P	0	0	0	0
3	2.00144	Mov_01	LinMoving	Min P	0	0	0	0
3	0	Mov_01	LinMoving	Max V2	0	131.776	0	-75.1216
3	2.00144	Mov_01	LinMoving	Max V2	0	131.776	0	-75.1216
3	0	Mov_01	LinMoving	Min V2	0	-862.126	0	822.1885
3	2.00144	Mov_01	LinMoving	Min V2	0	-862.126	0	822.1885

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Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
3	0	Mov_01	LinMoving	Max V3	0	0	0	0
3	2.00144	Mov_01	LinMoving	Max V3	0	0	0	0
3	0	Mov_01	LinMoving	Min V3	0	0	0	0
3	2.00144	Mov_01	LinMoving	Min V3	0	0	0	0
3	0	Mov_01	LinMoving	Max T	0	-590.602	0	1226.5056
3	2.00144	Mov_01	LinMoving	Max T	0	-590.602	0	1226.5056
3	0	Mov_01	LinMoving	Min T	0	56.523	0	-401.84
3	2.00144	Mov_01	LinMoving	Min T	0	56.523	0	-401.84
3	0	Mov_01	LinMoving	Max M2	0	0	0	0
3	2.00144	Mov_01	LinMoving	Max M2	0	0	0	0
3	0	Mov_01	LinMoving	Min M2	0	0	0	0
3	2.00144	Mov_01	LinMoving	Min M2	0	0	0	0
3	0	Mov_01	LinMoving	Max M3	0	-827.306	0	816.2702
3	2.00144	Mov_01	LinMoving	Max M3	0	-842.852	0	821.5607
3	0	Mov_01	LinMoving	Min M3	0	98.566	0	-375.5964
3	2.00144	Mov_01	LinMoving	Min M3	0	98.609	0	-375.375
7	0	Mov_01	LinMoving	Max P	0	0	0	0
7	3.49712	Mov_01	LinMoving	Max P	0	0	0	0
7	0	Mov_01	LinMoving	Min P	0	0	0	0
7	3.49712	Mov_01	LinMoving	Min P	0	0	0	0
7	0	Mov_01	LinMoving	Max V2	0	131.776	0	-75.1216
7	3.49712	Mov_01	LinMoving	Max V2	0	261.539	0	184.0136
7	0	Mov_01	LinMoving	Min V2	0	-862.126	0	822.1885
7	3.49712	Mov_01	LinMoving	Min V2	0	-644.596	0	1135.6467
7	0	Mov_01	LinMoving	Max V3	0	0	0	0
7	3.49712	Mov_01	LinMoving	Max V3	0	0	0	0
7	0	Mov_01	LinMoving	Min V3	0	0	0	0
7	3.49712	Mov_01	LinMoving	Min V3	0	0	0	0
7	0	Mov_01	LinMoving	Max T	0	-590.602	0	1226.5056
7	3.49712	Mov_01	LinMoving	Max T	0	-427.339	0	1392.0888
7	0	Mov_01	LinMoving	Min T	0	56.523	0	-401.84
7	3.49712	Mov_01	LinMoving	Min T	0	63.243	0	-432.8501
7	0	Mov_01	LinMoving	Max M2	0	0	0	0
7	3.49712	Mov_01	LinMoving	Max M2	0	0	0	0
7	0	Mov_01	LinMoving	Min M2	0	0	0	0
7	3.49712	Mov_01	LinMoving	Min M2	0	0	0	0
7	0	Mov_01	LinMoving	Max M3	0	-842.852	0	821.5607
7	3.49712	Mov_01	LinMoving	Max M3	0	-514.116	0	1228.3654
7	0	Mov_01	LinMoving	Min M3	0	98.609	0	-375.375
7	3.49712	Mov_01	LinMoving	Min M3	0	90.779	0	-419.867
12	0	Mov_01	LinMoving	Max P	0	0	0	0
12	5.49856	Mov_01	LinMoving	Max P	0	0	0	0
12	0	Mov_01	LinMoving	Min P	0	0	0	0
12	5.49856	Mov_01	LinMoving	Min P	0	0	0	0
12	0	Mov_01	LinMoving	Max V2	0	230.205	0	-48.6777
12	5.49856	Mov_01	LinMoving	Max V2	0	358.328	0	339.6911
12	0	Mov_01	LinMoving	Min V2	0	-646.538	0	602.1417
12	5.49856	Mov_01	LinMoving	Min V2	0	-484.623	0	816.0755
12	0	Mov_01	LinMoving	Max V3	0	0	0	0
12	5.49856	Mov_01	LinMoving	Max V3	0	0	0	0
12	0	Mov_01	LinMoving	Min V3	0	0	0	0
12	5.49856	Mov_01	LinMoving	Min V3	0	0	0	0
12	0	Mov_01	LinMoving	Max T	0	-337.691	0	969.4506

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Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
12	5.49856	Mov_01	LinMoving	Max T	0	-235.207	0	1105.2116
12	0	Mov_01	LinMoving	Min T	0	56.294	0	-386.1062
12	5.49856	Mov_01	LinMoving	Min T	0	71.382	0	-394.2495
12	0	Mov_01	LinMoving	Max M2	0	0	0	0
12	5.49856	Mov_01	LinMoving	Max M2	0	0	0	0
12	0	Mov_01	LinMoving	Min M2	0	0	0	0
12	5.49856	Mov_01	LinMoving	Min M2	0	0	0	0
12	0	Mov_01	LinMoving	Max M3	0	-489.231	0	629.1975
12	5.49856	Mov_01	LinMoving	Max M3	0	-245.874	0	977.3588
12	0	Mov_01	LinMoving	Min M3	0	88.139	0	-362.4246
12	5.49856	Mov_01	LinMoving	Min M3	0	89.076	0	-388.3123
16	0	Mov_01	LinMoving	Max P	0	0	0	0
16	0.99712	Mov_01	LinMoving	Max P	0	0	0	0
16	0	Mov_01	LinMoving	Min P	0	0	0	0
16	0.99712	Mov_01	LinMoving	Min P	0	0	0	0
16	0	Mov_01	LinMoving	Max V2	0	332.445	0	-30.2913
16	0.99712	Mov_01	LinMoving	Max V2	0	332.445	0	-30.2913
16	0	Mov_01	LinMoving	Min V2	0	-499.283	0	190.1779
16	0.99712	Mov_01	LinMoving	Min V2	0	-499.283	0	190.1779
16	0	Mov_01	LinMoving	Max V3	0	0	0	0
16	0.99712	Mov_01	LinMoving	Max V3	0	0	0	0
16	0	Mov_01	LinMoving	Min V3	0	0	0	0
16	0.99712	Mov_01	LinMoving	Min V3	0	0	0	0
16	0	Mov_01	LinMoving	Max T	0	-158.163	0	572.9511
16	0.99712	Mov_01	LinMoving	Max T	0	-158.163	0	572.9511
16	0	Mov_01	LinMoving	Min T	0	36.751	0	-326.1307
16	0.99712	Mov_01	LinMoving	Min T	0	36.751	0	-326.1307
16	0	Mov_01	LinMoving	Max M2	0	0	0	0
16	0.99712	Mov_01	LinMoving	Max M2	0	0	0	0
16	0	Mov_01	LinMoving	Min M2	0	0	0	0
16	0.99712	Mov_01	LinMoving	Min M2	0	0	0	0
16	0	Mov_01	LinMoving	Max M3	0	-211.125	0	232.4981
16	0.99712	Mov_01	LinMoving	Max M3	0	-334.549	0	208.7383
16	0	Mov_01	LinMoving	Min M3	0	89.889	0	-289.1054
16	0.99712	Mov_01	LinMoving	Min M3	0	89.891	0	-289.1096
20	0	Mov_01	LinMoving	Max P	0	0	0	0
20	4.50144	Mov_01	LinMoving	Max P	0	0	0	0
20	0	Mov_01	LinMoving	Min P	0	0	0	0
20	4.50144	Mov_01	LinMoving	Min P	0	0	0	0
20	0	Mov_01	LinMoving	Max V2	0	332.445	0	-30.2913
20	4.50144	Mov_01	LinMoving	Max V2	0	471.125	0	187.5992
20	0	Mov_01	LinMoving	Min V2	0	-499.283	0	190.1779
20	4.50144	Mov_01	LinMoving	Min V2	0	-364.635	0	399.8173
20	0	Mov_01	LinMoving	Max V3	0	0	0	0
20	4.50144	Mov_01	LinMoving	Max V3	0	0	0	0
20	0	Mov_01	LinMoving	Min V3	0	0	0	0
20	4.50144	Mov_01	LinMoving	Min V3	0	0	0	0
20	0	Mov_01	LinMoving	Max T	0	-158.163	0	572.9511
20	4.50144	Mov_01	LinMoving	Max T	0	-106.528	0	667.7222
20	0	Mov_01	LinMoving	Min T	0	36.751	0	-326.1307
20	4.50144	Mov_01	LinMoving	Min T	0	120.344	0	-326.8446
20	0	Mov_01	LinMoving	Max M2	0	0	0	0
20	4.50144	Mov_01	LinMoving	Max M2	0	0	0	0

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**Table: Element Forces - Frames, Part 1 of 2**

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
20	0	Mov_01	LinMoving	Min M2	0	0	0	0
20	4.50144	Mov_01	LinMoving	Min M2	0	0	0	0
20	0	Mov_01	LinMoving	Max M3	0	-334.549	0	208.7383
20	4.50144	Mov_01	LinMoving	Max M3	0	11.754	0	550.2248
20	0	Mov_01	LinMoving	Min M3	0	89.891	0	-289.1096
20	4.50144	Mov_01	LinMoving	Min M3	0	92.846	0	-312.9004
25	0	Mov_01	LinMoving	Max P	0	0	0	0
25	5.49856	Mov_01	LinMoving	Max P	0	0	0	0
25	0	Mov_01	LinMoving	Min P	0	0	0	0
25	5.49856	Mov_01	LinMoving	Min P	0	0	0	0
25	0	Mov_01	LinMoving	Max V2	0	448.806	0	-244.0209
25	5.49856	Mov_01	LinMoving	Max V2	0	598.605	0	-53.0331
25	0	Mov_01	LinMoving	Min V2	0	-384.472	0	-193.3004
25	5.49856	Mov_01	LinMoving	Min V2	0	-270.784	0	33.1034
25	0	Mov_01	LinMoving	Max V3	0	0	0	0
25	5.49856	Mov_01	LinMoving	Max V3	0	0	0	0
25	0	Mov_01	LinMoving	Min V3	0	0	0	0
25	5.49856	Mov_01	LinMoving	Min V3	0	0	0	0
25	0	Mov_01	LinMoving	Max T	0	-58.191	0	238.4402
25	5.49856	Mov_01	LinMoving	Max T	0	26.398	0	284.2691
25	0	Mov_01	LinMoving	Min T	0	-127.388	0	-507.4225
25	5.49856	Mov_01	LinMoving	Min T	0	261.991	0	-443.9952
25	0	Mov_01	LinMoving	Max M2	0	0	0	0
25	5.49856	Mov_01	LinMoving	Max M2	0	0	0	0
25	0	Mov_01	LinMoving	Min M2	0	0	0	0
25	5.49856	Mov_01	LinMoving	Min M2	0	0	0	0
25	0	Mov_01	LinMoving	Max M3	0	4.099	0	-249.2884
25	5.49856	Mov_01	LinMoving	Max M3	0	213.989	0	55.5144
25	0	Mov_01	LinMoving	Min M3	0	93.933	0	-178.2554
25	5.49856	Mov_01	LinMoving	Min M3	0	97.273	0	-203.2111
29	0	Mov_01	LinMoving	Max P	0	0	0	0
29	5.49856	Mov_01	LinMoving	Max P	0	0	0	0
29	0	Mov_01	LinMoving	Min P	0	0	0	0
29	5.49856	Mov_01	LinMoving	Min P	0	0	0	0
29	0	Mov_01	LinMoving	Max V2	0	582.625	0	-553.3884
29	5.49856	Mov_01	LinMoving	Max V2	0	737.102	0	-387.6892
29	0	Mov_01	LinMoving	Min V2	0	-299.811	0	-447.7988
29	5.49856	Mov_01	LinMoving	Min V2	0	-201.976	0	-202.043
29	0	Mov_01	LinMoving	Max V3	0	0	0	0
29	5.49856	Mov_01	LinMoving	Max V3	0	0	0	0
29	0	Mov_01	LinMoving	Min V3	0	0	0	0
29	5.49856	Mov_01	LinMoving	Min V3	0	0	0	0
29	0	Mov_01	LinMoving	Max T	0	-30.779	0	63.2453
29	5.49856	Mov_01	LinMoving	Max T	0	-1.986	0	61.2193
29	0	Mov_01	LinMoving	Min T	0	329.937	0	-850.603
29	5.49856	Mov_01	LinMoving	Min T	0	421.224	0	-773.4653
29	0	Mov_01	LinMoving	Max M2	0	0	0	0
29	5.49856	Mov_01	LinMoving	Max M2	0	0	0	0
29	0	Mov_01	LinMoving	Min M2	0	0	0	0
29	5.49856	Mov_01	LinMoving	Min M2	0	0	0	0
29	0	Mov_01	LinMoving	Max M3	0	219.08	0	-696.6216
29	5.49856	Mov_01	LinMoving	Max M3	0	403.886	0	-408.3911
29	0	Mov_01	LinMoving	Min M3	0	98.007	0	-32.6767

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Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
29	5.49856	Mov_01	LinMoving	Min M3	0	101.324	0	-59.7835
36	0	Mov_01	LinMoving	Max P	0	0	0	0
36	4.49423	Mov_01	LinMoving	Max P	0	0	0	0
36	0	Mov_01	LinMoving	Min P	0	0	0	0
36	4.49423	Mov_01	LinMoving	Min P	0	0	0	0
36	0	Mov_01	LinMoving	Max V2	0	720.269	0	-838.902
36	4.49423	Mov_01	LinMoving	Max V2	0	878.614	0	-681.0868
36	0	Mov_01	LinMoving	Min V2	0	-235.459	0	-547.2848
36	4.49423	Mov_01	LinMoving	Min V2	0	-147.993	0	-294.1117
36	0	Mov_01	LinMoving	Max V3	0	0	0	0
36	4.49423	Mov_01	LinMoving	Max V3	0	0	0	0
36	0	Mov_01	LinMoving	Min V3	0	0	0	0
36	4.49423	Mov_01	LinMoving	Min V3	0	0	0	0
36	0	Mov_01	LinMoving	Max T	0	111.677	0	152.4098
36	4.49423	Mov_01	LinMoving	Max T	0	125.282	0	134.9751
36	0	Mov_01	LinMoving	Min T	0	424.228	0	-1206.1283
36	4.49423	Mov_01	LinMoving	Min T	0	513.395	0	-1125.7058
36	0	Mov_01	LinMoving	Max M2	0	0	0	0
36	4.49423	Mov_01	LinMoving	Max M2	0	0	0	0
36	0	Mov_01	LinMoving	Min M2	0	0	0	0
36	4.49423	Mov_01	LinMoving	Min M2	0	0	0	0
36	0	Mov_01	LinMoving	Max M3	0	393.012	0	-1078.8933
36	4.49423	Mov_01	LinMoving	Max M3	0	680.061	0	-768.4695
36	0	Mov_01	LinMoving	Min M3	0	100.967	0	147.345
36	4.49423	Mov_01	LinMoving	Min M3	0	103.232	0	116.1625
40	0	Mov_01	LinMoving	Max P	0	0	0	0
40	1.00432	Mov_01	LinMoving	Max P	0	0	0	0
40	0	Mov_01	LinMoving	Min P	0	0	0	0
40	1.00432	Mov_01	LinMoving	Min P	0	0	0	0
40	0	Mov_01	LinMoving	Max V2	0	878.614	0	-681.0868
40	1.00432	Mov_01	LinMoving	Max V2	0	878.614	0	-681.0868
40	0	Mov_01	LinMoving	Min V2	0	-147.993	0	-294.1117
40	1.00432	Mov_01	LinMoving	Min V2	0	-147.993	0	-294.1117
40	0	Mov_01	LinMoving	Max V3	0	0	0	0
40	1.00432	Mov_01	LinMoving	Max V3	0	0	0	0
40	0	Mov_01	LinMoving	Min V3	0	0	0	0
40	1.00432	Mov_01	LinMoving	Min V3	0	0	0	0
40	0	Mov_01	LinMoving	Max T	0	125.282	0	134.9751
40	1.00432	Mov_01	LinMoving	Max T	0	125.282	0	134.9751
40	0	Mov_01	LinMoving	Min T	0	513.395	0	-1125.7058
40	1.00432	Mov_01	LinMoving	Min T	0	513.395	0	-1125.7058
40	0	Mov_01	LinMoving	Max M2	0	0	0	0
40	1.00432	Mov_01	LinMoving	Max M2	0	0	0	0
40	0	Mov_01	LinMoving	Min M2	0	0	0	0
40	1.00432	Mov_01	LinMoving	Min M2	0	0	0	0
40	0	Mov_01	LinMoving	Max M3	0	680.061	0	-768.4695
40	1.00432	Mov_01	LinMoving	Max M3	0	510.302	0	-752.3814
40	0	Mov_01	LinMoving	Min M3	0	103.232	0	116.1625
40	1.00432	Mov_01	LinMoving	Min M3	0	118.769	0	65.7649
44	0	Mov_01	LinMoving	Max P	0	0	0	0
44	5.49856	Mov_01	LinMoving	Max P	0	0	0	0
44	0	Mov_01	LinMoving	Min P	0	0	0	0
44	5.49856	Mov_01	LinMoving	Min P	0	0	0	0

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**Table: Element Forces - Frames, Part 1 of 2**

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
44	0	Mov_01	LinMoving	Max V2	0	857.31	0	-998.6478
44	5.49856	Mov_01	LinMoving	Max V2	0	1017.341	0	-859.1764
44	0	Mov_01	LinMoving	Min V2	0	-183.136	0	-516.3336
44	5.49856	Mov_01	LinMoving	Min V2	0	-107.577	0	-225.5932
44	0	Mov_01	LinMoving	Max V3	0	0	0	0
44	5.49856	Mov_01	LinMoving	Max V3	0	0	0	0
44	0	Mov_01	LinMoving	Min V3	0	0	0	0
44	5.49856	Mov_01	LinMoving	Min V3	0	0	0	0
44	0	Mov_01	LinMoving	Max T	0	126.647	0	366.5445
44	5.49856	Mov_01	LinMoving	Max T	0	128.704	0	339.1009
44	0	Mov_01	LinMoving	Min T	0	528.534	0	-1440.576
44	5.49856	Mov_01	LinMoving	Min T	0	749.728	0	-1417.0068
44	0	Mov_01	LinMoving	Max M2	0	0	0	0
44	5.49856	Mov_01	LinMoving	Max M2	0	0	0	0
44	0	Mov_01	LinMoving	Min M2	0	0	0	0
44	5.49856	Mov_01	LinMoving	Min M2	0	0	0	0
44	0	Mov_01	LinMoving	Max M3	0	501.502	0	-1250.9753
44	5.49856	Mov_01	LinMoving	Max M3	0	469.533	0	-527.7681
44	0	Mov_01	LinMoving	Min M3	0	118.691	0	297.2506
44	5.49856	Mov_01	LinMoving	Min M3	0	282.017	0	-168.4129
48	0	Mov_01	LinMoving	Max P	0	0	0	0
48	3.49712	Mov_01	LinMoving	Max P	0	0	0	0
48	0	Mov_01	LinMoving	Min P	0	0	0	0
48	3.49712	Mov_01	LinMoving	Min P	0	0	0	0
48	0	Mov_01	LinMoving	Max V2	0	987.211	0	-965.898
48	3.49712	Mov_01	LinMoving	Max V2	0	1149.691	0	-844.1396
48	0	Mov_01	LinMoving	Min V2	0	-146.155	0	-387.7543
48	3.49712	Mov_01	LinMoving	Min V2	0	-77.05	0	-120.6956
48	0	Mov_01	LinMoving	Max V3	0	0	0	0
48	3.49712	Mov_01	LinMoving	Max V3	0	0	0	0
48	0	Mov_01	LinMoving	Min V3	0	0	0	0
48	3.49712	Mov_01	LinMoving	Min V3	0	0	0	0
48	0	Mov_01	LinMoving	Max T	0	121.692	0	606.1048
48	3.49712	Mov_01	LinMoving	Max T	0	126.124	0	559.3959
48	0	Mov_01	LinMoving	Min T	0	735.92	0	-1531.0914
48	3.49712	Mov_01	LinMoving	Min T	0	825.722	0	-1543.8711
48	0	Mov_01	LinMoving	Max M2	0	0	0	0
48	3.49712	Mov_01	LinMoving	Max M2	0	0	0	0
48	0	Mov_01	LinMoving	Min M2	0	0	0	0
48	3.49712	Mov_01	LinMoving	Min M2	0	0	0	0
48	0	Mov_01	LinMoving	Max M3	0	465.591	0	-848.7829
48	3.49712	Mov_01	LinMoving	Max M3	0	684.764	0	-294.1751
48	0	Mov_01	LinMoving	Min M3	0	269.23	0	125.5674
48	3.49712	Mov_01	LinMoving	Min M3	0	392.145	0	-158.2507
52	0	Mov_01	LinMoving	Max P	0	0	0	0
52	2.00385	Mov_01	LinMoving	Max P	0	0	0	0
52	0	Mov_01	LinMoving	Min P	0	0	0	0
52	2.00385	Mov_01	LinMoving	Min P	0	0	0	0
52	0	Mov_01	LinMoving	Max V2	0	1149.691	0	-844.1396
52	2.00385	Mov_01	LinMoving	Max V2	0	1103.913	0	-956.4022
52	0	Mov_01	LinMoving	Min V2	0	-77.05	0	-120.6956
52	2.00385	Mov_01	LinMoving	Min V2	0	-109.739	0	-191.8669
52	0	Mov_01	LinMoving	Max V3	0	0	0	0

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Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
52	2.00385	Mov_01	LinMoving	Max V3	0	0	0	0
52	0	Mov_01	LinMoving	Min V3	0	0	0	0
52	2.00385	Mov_01	LinMoving	Min V3	0	0	0	0
52	0	Mov_01	LinMoving	Max T	0	126.124	0	559.3959
52	2.00385	Mov_01	LinMoving	Max T	0	114.766	0	496.6038
52	0	Mov_01	LinMoving	Min T	0	825.722	0	-1543.8711
52	2.00385	Mov_01	LinMoving	Min T	0	781.918	0	-1655.9418
52	0	Mov_01	LinMoving	Max M2	0	0	0	0
52	2.00385	Mov_01	LinMoving	Max M2	0	0	0	0
52	0	Mov_01	LinMoving	Min M2	0	0	0	0
52	2.00385	Mov_01	LinMoving	Min M2	0	0	0	0
52	0	Mov_01	LinMoving	Max M3	0	684.764	0	-294.1751
52	2.00385	Mov_01	LinMoving	Max M3	0	342.676	0	-292.9717
52	0	Mov_01	LinMoving	Min M3	0	392.145	0	-158.2507
52	2.00385	Mov_01	LinMoving	Min M3	0	454.566	0	-345.6851
56	0	Mov_01	LinMoving	Max P	0	0	0	0
56	5.49615	Mov_01	LinMoving	Max P	0	0	0	0
56	0	Mov_01	LinMoving	Min P	0	0	0	0
56	5.49615	Mov_01	LinMoving	Min P	0	0	0	0
56	0	Mov_01	LinMoving	Max V2	0	1103.913	0	-694.5079
56	5.49615	Mov_01	LinMoving	Max V2	0	1278.522	0	-546.206
56	0	Mov_01	LinMoving	Min V2	0	-109.739	0	-173.5277
56	5.49615	Mov_01	LinMoving	Min V2	0	-71.636	0	69.642
56	0	Mov_01	LinMoving	Max V3	0	0	0	0
56	5.49615	Mov_01	LinMoving	Max V3	0	0	0	0
56	0	Mov_01	LinMoving	Min V3	0	0	0	0
56	5.49615	Mov_01	LinMoving	Min V3	0	0	0	0
56	0	Mov_01	LinMoving	Max T	0	117.232	0	851.6836
56	5.49615	Mov_01	LinMoving	Max T	0	146.958	0	793.1518
56	0	Mov_01	LinMoving	Min T	0	816.32	0	-1385.7181
56	5.49615	Mov_01	LinMoving	Min T	0	869.014	0	-1432.4977
56	0	Mov_01	LinMoving	Max M2	0	0	0	0
56	5.49615	Mov_01	LinMoving	Max M2	0	0	0	0
56	0	Mov_01	LinMoving	Min M2	0	0	0	0
56	5.49615	Mov_01	LinMoving	Min M2	0	0	0	0
56	0	Mov_01	LinMoving	Max M3	0	340.669	0	-395.4524
56	5.49615	Mov_01	LinMoving	Max M3	0	-23	0	-14.2642
56	0	Mov_01	LinMoving	Min M3	0	456.573	0	168.2671
56	5.49615	Mov_01	LinMoving	Min M3	0	986.104	0	-1010.3147
61	0	Mov_01	LinMoving	Max P	0	0	0	0
61	5.49856	Mov_01	LinMoving	Max P	0	0	0	0
61	0	Mov_01	LinMoving	Min P	0	0	0	0
61	5.49856	Mov_01	LinMoving	Min P	0	0	0	0
61	0	Mov_01	LinMoving	Max V2	0	65.673	0	-86.6748
61	5.49856	Mov_01	LinMoving	Max V2	0	101.572	0	176.3993
61	0	Mov_01	LinMoving	Min V2	0	-1183.041	0	88.3984
61	5.49856	Mov_01	LinMoving	Min V2	0	-998.917	0	251.4031
61	0	Mov_01	LinMoving	Max V3	0	0	0	0
61	5.49856	Mov_01	LinMoving	Max V3	0	0	0	0
61	0	Mov_01	LinMoving	Min V3	0	0	0	0
61	5.49856	Mov_01	LinMoving	Min V3	0	0	0	0
61	0	Mov_01	LinMoving	Max T	0	-763.679	0	1078.9736
61	5.49856	Mov_01	LinMoving	Max T	0	-712.211	0	1082.4946

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**Table: Element Forces - Frames, Part 1 of 2**

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
61	0	Mov_01	LinMoving	Min T	0	-182.879	0	-1012.5276
61	5.49856	Mov_01	LinMoving	Min T	0	-149.746	0	-1125.8959
61	0	Mov_01	LinMoving	Max M2	0	0	0	0
61	5.49856	Mov_01	LinMoving	Max M2	0	0	0	0
61	0	Mov_01	LinMoving	Min M2	0	0	0	0
61	5.49856	Mov_01	LinMoving	Min M2	0	0	0	0
61	0	Mov_01	LinMoving	Max M3	0	-7.552	0	-30.4683
61	5.49856	Mov_01	LinMoving	Max M3	0	-463.288	0	396.7395
61	0	Mov_01	LinMoving	Min M3	0	-591.051	0	-441.2965
61	5.49856	Mov_01	LinMoving	Min M3	0	-348.852	0	-682.0001
66	0	Mov_01	LinMoving	Max P	0	0	0	0
66	2.00144	Mov_01	LinMoving	Max P	0	0	0	0
66	0	Mov_01	LinMoving	Min P	0	0	0	0
66	2.00144	Mov_01	LinMoving	Min P	0	0	0	0
66	0	Mov_01	LinMoving	Max V2	0	67.615	0	132.1384
66	2.00144	Mov_01	LinMoving	Max V2	0	67.615	0	132.1384
66	0	Mov_01	LinMoving	Min V2	0	-1036.269	0	346.7539
66	2.00144	Mov_01	LinMoving	Min V2	0	-1036.269	0	346.7539
66	0	Mov_01	LinMoving	Max V3	0	0	0	0
66	2.00144	Mov_01	LinMoving	Max V3	0	0	0	0
66	0	Mov_01	LinMoving	Min V3	0	0	0	0
66	2.00144	Mov_01	LinMoving	Min V3	0	0	0	0
66	0	Mov_01	LinMoving	Max T	0	-704.922	0	1098.1447
66	2.00144	Mov_01	LinMoving	Max T	0	-704.922	0	1098.1447
66	0	Mov_01	LinMoving	Min T	0	-194.746	0	-676.8461
66	2.00144	Mov_01	LinMoving	Min T	0	-194.746	0	-676.8461
66	0	Mov_01	LinMoving	Max M2	0	0	0	0
66	2.00144	Mov_01	LinMoving	Max M2	0	0	0	0
66	0	Mov_01	LinMoving	Min M2	0	0	0	0
66	2.00144	Mov_01	LinMoving	Min M2	0	0	0	0
66	0	Mov_01	LinMoving	Max M3	0	-473.644	0	206.9554
66	2.00144	Mov_01	LinMoving	Max M3	0	-715.605	0	296.6636
66	0	Mov_01	LinMoving	Min M3	0	-389.672	0	-185.6521
66	2.00144	Mov_01	LinMoving	Min M3	0	-311.602	0	-284.8676
69	0	Mov_01	LinMoving	Max P	0	0	0	0
69	3.49712	Mov_01	LinMoving	Max P	0	0	0	0
69	0	Mov_01	LinMoving	Min P	0	0	0	0
69	3.49712	Mov_01	LinMoving	Min P	0	0	0	0
69	0	Mov_01	LinMoving	Max V2	0	67.615	0	132.1384
69	3.49712	Mov_01	LinMoving	Max V2	0	145.457	0	397.6745
69	0	Mov_01	LinMoving	Min V2	0	-1036.269	0	346.7539
69	3.49712	Mov_01	LinMoving	Min V2	0	-861.658	0	474.7796
69	0	Mov_01	LinMoving	Max V3	0	0	0	0
69	3.49712	Mov_01	LinMoving	Max V3	0	0	0	0
69	0	Mov_01	LinMoving	Min V3	0	0	0	0
69	3.49712	Mov_01	LinMoving	Min V3	0	0	0	0
69	0	Mov_01	LinMoving	Max T	0	-704.922	0	1098.1447
69	3.49712	Mov_01	LinMoving	Max T	0	-500.746	0	1111.6832
69	0	Mov_01	LinMoving	Min T	0	-194.746	0	-676.8461
69	3.49712	Mov_01	LinMoving	Min T	0	-211.11	0	-759.9125
69	0	Mov_01	LinMoving	Max M2	0	0	0	0
69	3.49712	Mov_01	LinMoving	Max M2	0	0	0	0
69	0	Mov_01	LinMoving	Min M2	0	0	0	0



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Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
69	3.49712	Mov_01	LinMoving	Min M2	0	0	0	0
69	0	Mov_01	LinMoving	Max M3	0	-715.605	0	296.6636
69	3.49712	Mov_01	LinMoving	Max M3	0	-473.586	0	840.248
69	0	Mov_01	LinMoving	Min M3	0	-311.602	0	-284.8676
69	3.49712	Mov_01	LinMoving	Min M3	0	-225.725	0	-604.0661
130	0	Mov_01	LinMoving	Max P	0	0	0	0
130	5.49856	Mov_01	LinMoving	Max P	0	0	0	0
130	0	Mov_01	LinMoving	Min P	0	0	0	0
130	5.49856	Mov_01	LinMoving	Min P	0	0	0	0
130	0	Mov_01	LinMoving	Max V2	0	110.963	0	250.522
130	5.49856	Mov_01	LinMoving	Max V2	0	206.299	0	534.1305
130	0	Mov_01	LinMoving	Min V2	0	-887.782	0	381.6256
130	5.49856	Mov_01	LinMoving	Min V2	0	-715.578	0	488.5352
130	0	Mov_01	LinMoving	Max V3	0	0	0	0
130	5.49856	Mov_01	LinMoving	Max V3	0	0	0	0
130	0	Mov_01	LinMoving	Min V3	0	0	0	0
130	5.49856	Mov_01	LinMoving	Min V3	0	0	0	0
130	0	Mov_01	LinMoving	Max T	0	-473.261	0	928.0351
130	5.49856	Mov_01	LinMoving	Max T	0	-367.283	0	996.3487
130	0	Mov_01	LinMoving	Min T	0	-248.906	0	-350.9021
130	5.49856	Mov_01	LinMoving	Min T	0	-223.348	0	-398.6964
130	0	Mov_01	LinMoving	Max M2	0	0	0	0
130	5.49856	Mov_01	LinMoving	Max M2	0	0	0	0
130	0	Mov_01	LinMoving	Min M2	0	0	0	0
130	5.49856	Mov_01	LinMoving	Min M2	0	0	0	0
130	0	Mov_01	LinMoving	Max M3	0	-486.025	0	470.7787
130	5.49856	Mov_01	LinMoving	Max M3	0	-329.432	0	883.4918
130	0	Mov_01	LinMoving	Min M3	0	-242.386	0	-186.2884
130	5.49856	Mov_01	LinMoving	Min M3	0	-202.152	0	-375.6606
134	0	Mov_01	LinMoving	Max P	0	0	0	0
134	1.00432	Mov_01	LinMoving	Max P	0	0	0	0
134	0	Mov_01	LinMoving	Min P	0	0	0	0
134	1.00432	Mov_01	LinMoving	Min P	0	0	0	0
134	0	Mov_01	LinMoving	Max V2	0	177.058	0	229.668
134	1.00432	Mov_01	LinMoving	Max V2	0	177.058	0	229.668
134	0	Mov_01	LinMoving	Min V2	0	-735.63	0	255.0936
134	1.00432	Mov_01	LinMoving	Min V2	0	-735.63	0	255.0936
134	0	Mov_01	LinMoving	Max V3	0	0	0	0
134	1.00432	Mov_01	LinMoving	Max V3	0	0	0	0
134	0	Mov_01	LinMoving	Min V3	0	0	0	0
134	1.00432	Mov_01	LinMoving	Min V3	0	0	0	0
134	0	Mov_01	LinMoving	Max T	0	-333.274	0	645.6433
134	1.00432	Mov_01	LinMoving	Max T	0	-333.274	0	645.6433
134	0	Mov_01	LinMoving	Min T	0	-132.141	0	-91.7615
134	1.00432	Mov_01	LinMoving	Min T	0	-132.141	0	-91.7615
134	0	Mov_01	LinMoving	Max M2	0	0	0	0
134	1.00432	Mov_01	LinMoving	Max M2	0	0	0	0
134	0	Mov_01	LinMoving	Min M2	0	0	0	0
134	1.00432	Mov_01	LinMoving	Min M2	0	0	0	0
134	0	Mov_01	LinMoving	Max M3	0	-339.859	0	352.0208
134	1.00432	Mov_01	LinMoving	Max M3	0	-481.843	0	312.8306
134	0	Mov_01	LinMoving	Min M3	0	-207.393	0	-6.5429
134	1.00432	Mov_01	LinMoving	Min M3	0	-207.309	0	-6.6236

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**Table: Element Forces - Frames, Part 1 of 2**

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
138	0	Mov_01	LinMoving	Max P	0	0	0	0
138	4.49423	Mov_01	LinMoving	Max P	0	0	0	0
138	0	Mov_01	LinMoving	Min P	0	0	0	0
138	4.49423	Mov_01	LinMoving	Min P	0	0	0	0
138	0	Mov_01	LinMoving	Max V2	0	177.058	0	229.668
138	4.49423	Mov_01	LinMoving	Max V2	0	283.581	0	478.2936
138	0	Mov_01	LinMoving	Min V2	0	-735.63	0	255.0936
138	4.49423	Mov_01	LinMoving	Min V2	0	-569.294	0	359.7902
138	0	Mov_01	LinMoving	Max V3	0	0	0	0
138	4.49423	Mov_01	LinMoving	Max V3	0	0	0	0
138	0	Mov_01	LinMoving	Min V3	0	0	0	0
138	4.49423	Mov_01	LinMoving	Min V3	0	0	0	0
138	0	Mov_01	LinMoving	Max T	0	-333.274	0	645.6433
138	4.49423	Mov_01	LinMoving	Max T	0	82.78	0	701.9351
138	0	Mov_01	LinMoving	Min T	0	-132.141	0	-91.7615
138	4.49423	Mov_01	LinMoving	Min T	0	-124.729	0	-94.9642
138	0	Mov_01	LinMoving	Max M2	0	0	0	0
138	4.49423	Mov_01	LinMoving	Max M2	0	0	0	0
138	0	Mov_01	LinMoving	Min M2	0	0	0	0
138	4.49423	Mov_01	LinMoving	Min M2	0	0	0	0
138	0	Mov_01	LinMoving	Max M3	0	-481.843	0	312.8306
138	4.49423	Mov_01	LinMoving	Max M3	0	-143.091	0	591.1641
138	0	Mov_01	LinMoving	Min M3	0	-207.309	0	-6.6236
138	4.49423	Mov_01	LinMoving	Min M3	0	-201.225	0	-44.3405
145	0	Mov_01	LinMoving	Max P	0	0	0	0
145	5.49856	Mov_01	LinMoving	Max P	0	0	0	0
145	0	Mov_01	LinMoving	Min P	0	0	0	0
145	5.49856	Mov_01	LinMoving	Min P	0	0	0	0
145	0	Mov_01	LinMoving	Max V2	0	251.813	0	23.8663
145	5.49856	Mov_01	LinMoving	Max V2	0	375.462	0	210.2701
145	0	Mov_01	LinMoving	Min V2	0	-593.336	0	60.2275
145	5.49856	Mov_01	LinMoving	Min V2	0	-440.658	0	200.1608
145	0	Mov_01	LinMoving	Max V3	0	0	0	0
145	5.49856	Mov_01	LinMoving	Max V3	0	0	0	0
145	0	Mov_01	LinMoving	Min V3	0	0	0	0
145	5.49856	Mov_01	LinMoving	Min V3	0	0	0	0
145	0	Mov_01	LinMoving	Max T	0	-278.439	0	411.4279
145	5.49856	Mov_01	LinMoving	Max T	0	110.395	0	463.2765
145	0	Mov_01	LinMoving	Min T	0	3.739	0	-221.5869
145	5.49856	Mov_01	LinMoving	Min T	0	65.76	0	-206.4764
145	0	Mov_01	LinMoving	Max M2	0	0	0	0
145	5.49856	Mov_01	LinMoving	Max M2	0	0	0	0
145	0	Mov_01	LinMoving	Min M2	0	0	0	0
145	5.49856	Mov_01	LinMoving	Min M2	0	0	0	0
145	0	Mov_01	LinMoving	Max M3	0	-163.097	0	-48.021
145	5.49856	Mov_01	LinMoving	Max M3	0	61.54	0	179.4842
145	0	Mov_01	LinMoving	Min M3	0	-196.535	0	265.1887
145	5.49856	Mov_01	LinMoving	Min M3	0	-186.667	0	238.6589
209	0	Mov_01	LinMoving	Max P	0	0	0	0
209	5.49856	Mov_01	LinMoving	Max P	0	0	0	0
209	0	Mov_01	LinMoving	Min P	0	0	0	0
209	5.49856	Mov_01	LinMoving	Min P	0	0	0	0
209	0	Mov_01	LinMoving	Max V2	0	348.738	0	-313.5515

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**Table: Element Forces - Frames, Part 1 of 2**

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
209	5.49856	Mov_01	LinMoving	Max V2	0	502.039	0	-151.5836
209	0	Mov_01	LinMoving	Min V2	0	-471.641	0	-82.7175
209	5.49856	Mov_01	LinMoving	Min V2	0	-327.548	0	199.6029
209	0	Mov_01	LinMoving	Max V3	0	0	0	0
209	5.49856	Mov_01	LinMoving	Max V3	0	0	0	0
209	0	Mov_01	LinMoving	Min V3	0	0	0	0
209	5.49856	Mov_01	LinMoving	Min V3	0	0	0	0
209	0	Mov_01	LinMoving	Max T	0	-166.594	0	481.0359
209	5.49856	Mov_01	LinMoving	Max T	0	-122.319	0	466.094
209	0	Mov_01	LinMoving	Min T	0	-216.674	0	-582.9749
209	5.49856	Mov_01	LinMoving	Min T	0	180.399	0	-514.6133
209	0	Mov_01	LinMoving	Max M2	0	0	0	0
209	5.49856	Mov_01	LinMoving	Max M2	0	0	0	0
209	0	Mov_01	LinMoving	Min M2	0	0	0	0
209	5.49856	Mov_01	LinMoving	Min M2	0	0	0	0
209	0	Mov_01	LinMoving	Max M3	0	45.326	0	-473.7689
209	5.49856	Mov_01	LinMoving	Max M3	0	311.493	0	-207.158
209	0	Mov_01	LinMoving	Min M3	0	-181.227	0	474.0293
209	5.49856	Mov_01	LinMoving	Min M3	0	-176.633	0	437.7749
213	0	Mov_01	LinMoving	Max P	0	0	0	0
213	4.50193	Mov_01	LinMoving	Max P	0	0	0	0
213	0	Mov_01	LinMoving	Min P	0	0	0	0
213	4.50193	Mov_01	LinMoving	Min P	0	0	0	0
213	0	Mov_01	LinMoving	Max V2	0	494.218	0	-632.4284
213	4.50193	Mov_01	LinMoving	Max V2	0	722.517	0	-383.6724
213	0	Mov_01	LinMoving	Min V2	0	-365.681	0	26.6311
213	4.50193	Mov_01	LinMoving	Min V2	0	-221.577	0	176.5351
213	0	Mov_01	LinMoving	Max V3	0	0	0	0
213	4.50193	Mov_01	LinMoving	Max V3	0	0	0	0
213	0	Mov_01	LinMoving	Min V3	0	0	0	0
213	4.50193	Mov_01	LinMoving	Min V3	0	0	0	0
213	0	Mov_01	LinMoving	Max T	0	-157.644	0	596.1536
213	4.50193	Mov_01	LinMoving	Max T	0	-165.415	0	516.4063
213	0	Mov_01	LinMoving	Min T	0	269.33	0	-881.751
213	4.50193	Mov_01	LinMoving	Min T	0	402.807	0	-704.62
213	0	Mov_01	LinMoving	Max M2	0	0	0	0
213	4.50193	Mov_01	LinMoving	Max M2	0	0	0	0
213	0	Mov_01	LinMoving	Min M2	0	0	0	0
213	4.50193	Mov_01	LinMoving	Min M2	0	0	0	0
213	0	Mov_01	LinMoving	Max M3	0	309.336	0	-755.7798
213	4.50193	Mov_01	LinMoving	Max M3	0	703.36	0	-395.7304
213	0	Mov_01	LinMoving	Min M3	0	-182.242	0	578.1722
213	4.50193	Mov_01	LinMoving	Min M3	0	-203.88	0	486.0004
215	0	Mov_01	LinMoving	Max P	0	0	0	0
215	0.99662	Mov_01	LinMoving	Max P	0	0	0	0
215	0	Mov_01	LinMoving	Min P	0	0	0	0
215	0.99662	Mov_01	LinMoving	Min P	0	0	0	0
215	0	Mov_01	LinMoving	Max V2	0	722.517	0	-383.6724
215	0.99662	Mov_01	LinMoving	Max V2	0	722.517	0	-383.6724
215	0	Mov_01	LinMoving	Min V2	0	-221.577	0	176.5351
215	0.99662	Mov_01	LinMoving	Min V2	0	-221.577	0	176.5351
215	0	Mov_01	LinMoving	Max V3	0	0	0	0
215	0.99662	Mov_01	LinMoving	Max V3	0	0	0	0

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**Table: Element Forces - Frames, Part 1 of 2**

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
215	0	Mov_01	LinMoving	Min V3	0	0	0	0
215	0.99662	Mov_01	LinMoving	Min V3	0	0	0	0
215	0	Mov_01	LinMoving	Max T	0	-165.415	0	516.4063
215	0.99662	Mov_01	LinMoving	Max T	0	-165.415	0	516.4063
215	0	Mov_01	LinMoving	Min T	0	402.807	0	-704.62
215	0.99662	Mov_01	LinMoving	Min T	0	402.807	0	-704.62
215	0	Mov_01	LinMoving	Max M2	0	0	0	0
215	0.99662	Mov_01	LinMoving	Max M2	0	0	0	0
215	0	Mov_01	LinMoving	Min M2	0	0	0	0
215	0.99662	Mov_01	LinMoving	Min M2	0	0	0	0
215	0	Mov_01	LinMoving	Max M3	0	703.36	0	-395.7304
215	0.99662	Mov_01	LinMoving	Max M3	0	686.742	0	-392.8672
215	0	Mov_01	LinMoving	Min M3	0	-203.88	0	486.0004
215	0.99662	Mov_01	LinMoving	Min M3	0	-203.802	0	486.1742
216	0	Mov_01	LinMoving	Max P	0	0	0	0
216	5.50338	Mov_01	LinMoving	Max P	0	0	0	0
216	0	Mov_01	LinMoving	Min P	0	0	0	0
216	5.50338	Mov_01	LinMoving	Min P	0	0	0	0
216	0	Mov_01	LinMoving	Max V2	0	779.116	0	-594.7687
216	5.50338	Mov_01	LinMoving	Max V2	0	1188.584	0	-114.0384
216	0	Mov_01	LinMoving	Min V2	0	-269.604	0	25.9321
216	5.50338	Mov_01	LinMoving	Min V2	0	-358.657	0	186.021
216	0	Mov_01	LinMoving	Max V3	0	0	0	0
216	5.50338	Mov_01	LinMoving	Max V3	0	0	0	0
216	0	Mov_01	LinMoving	Min V3	0	0	0	0
216	5.50338	Mov_01	LinMoving	Min V3	0	0	0	0
216	0	Mov_01	LinMoving	Max T	0	-224.772	0	475.8961
216	5.50338	Mov_01	LinMoving	Max T	0	-262.079	0	195.096
216	0	Mov_01	LinMoving	Min T	0	554.533	0	-782.5072
216	5.50338	Mov_01	LinMoving	Min T	0	811.987	0	-292.7746
216	0	Mov_01	LinMoving	Max M2	0	0	0	0
216	5.50338	Mov_01	LinMoving	Max M2	0	0	0	0
216	0	Mov_01	LinMoving	Min M2	0	0	0	0
216	5.50338	Mov_01	LinMoving	Min M2	0	0	0	0
216	0	Mov_01	LinMoving	Max M3	0	740.228	0	-635.8273
216	5.50338	Mov_01	LinMoving	Max M3	0	-345.454	0	186.6038
216	0	Mov_01	LinMoving	Min M3	0	-253.394	0	454.7968
216	5.50338	Mov_01	LinMoving	Min M3	0	954.567	0	-277.5964

**Table: Element Forces - Frames, Part 2 of 2**

**Table: Element Forces - Frames, Part 2 of 2**

Frame	Station m	OutputCase	StepType	M2 KN-m	M3 KN-m	FrameElem	ElemStation m
1	0	Mov_01	Max P	0	0	1-1	0
1	5.49856	Mov_01	Max P	0	0	1-2	2.74928
1	0	Mov_01	Min P	0	0	1-1	0
1	5.49856	Mov_01	Min P	0	0	1-2	2.74928
1	0	Mov_01	Max V2	0	22.0163	1-1	0
1	5.49856	Mov_01	Max V2	0	604.3953	1-2	2.74928
1	0	Mov_01	Min V2	0	-48.6514	1-1	0
1	5.49856	Mov_01	Min V2	0	5239.9878	1-2	2.74928

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Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M2	M3	FrameElem	ElemStation m
				KN-m	KN-m		
1	0	Mov_01	Max V3	0	0	1-1	0
1	5.49856	Mov_01	Max V3	0	0	1-2	2.74928
1	0	Mov_01	Min V3	0	0	1-1	0
1	5.49856	Mov_01	Min V3	0	0	1-2	2.74928
1	0	Mov_01	Max T	0	-84.2217	1-1	0
1	5.49856	Mov_01	Max T	0	4242.9696	1-2	2.74928
1	0	Mov_01	Min T	0	24.6913	1-1	0
1	5.49856	Mov_01	Min T	0	-483.9032	1-2	2.74928
1	0	Mov_01	Max M2	0	0	1-1	0
1	5.49856	Mov_01	Max M2	0	0	1-2	2.74928
1	0	Mov_01	Min M2	0	0	1-1	0
1	5.49856	Mov_01	Min M2	0	0	1-2	2.74928
1	0	Mov_01	Max M3	0	26.3337	1-1	0
1	5.49856	Mov_01	Max M3	0	5436.6349	1-2	2.74928
1	0	Mov_01	Min M3	0	-84.9808	1-1	0
1	5.49856	Mov_01	Min M3	0	-695.5393	1-2	2.74928
3	0	Mov_01	Max P	0	0	3-1	0
3	2.00144	Mov_01	Max P	0	0	3-1	2.00144
3	0	Mov_01	Min P	0	0	3-1	0
3	2.00144	Mov_01	Min P	0	0	3-1	2.00144
3	0	Mov_01	Max V2	0	604.5688	3-1	0
3	2.00144	Mov_01	Max V2	0	340.8272	3-1	2.00144
3	0	Mov_01	Min V2	0	5255.0783	3-1	0
3	2.00144	Mov_01	Min V2	0	6980.5735	3-1	2.00144
3	0	Mov_01	Max V3	0	0	3-1	0
3	2.00144	Mov_01	Max V3	0	0	3-1	2.00144
3	0	Mov_01	Min V3	0	0	3-1	0
3	2.00144	Mov_01	Min V3	0	0	3-1	2.00144
3	0	Mov_01	Max T	0	4042.8753	3-1	0
3	2.00144	Mov_01	Max T	0	5224.9309	3-1	2.00144
3	0	Mov_01	Min T	0	-451.8485	3-1	0
3	2.00144	Mov_01	Min T	0	-564.9763	3-1	2.00144
3	0	Mov_01	Max M2	0	0	3-1	0
3	2.00144	Mov_01	Max M2	0	0	3-1	2.00144
3	0	Mov_01	Min M2	0	0	3-1	0
3	2.00144	Mov_01	Min M2	0	0	3-1	2.00144
3	0	Mov_01	Max M3	0	5450.6549	3-1	0
3	2.00144	Mov_01	Max M3	0	7131.8184	3-1	2.00144
3	0	Mov_01	Min M3	0	-702.7268	3-1	0
3	2.00144	Mov_01	Min M3	0	-900.0444	3-1	2.00144
7	0	Mov_01	Max P	0	0	7-1	0
7	3.49712	Mov_01	Max P	0	0	7-2	2.74928
7	0	Mov_01	Min P	0	0	7-1	0
7	3.49712	Mov_01	Min P	0	0	7-2	2.74928
7	0	Mov_01	Max V2	0	340.8272	7-1	0
7	3.49712	Mov_01	Max V2	0	2153.115	7-2	2.74928
7	0	Mov_01	Min V2	0	6980.5735	7-1	0
7	3.49712	Mov_01	Min V2	0	7878.1094	7-2	2.74928
7	0	Mov_01	Max V3	0	0	7-1	0
7	3.49712	Mov_01	Max V3	0	0	7-2	2.74928
7	0	Mov_01	Min V3	0	0	7-1	0
7	3.49712	Mov_01	Min V3	0	0	7-2	2.74928
7	0	Mov_01	Max T	0	5224.9309	7-1	0

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Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M2	M3	FrameElem	ElemStation m
				KN-m	KN-m		
7	3.49712	Mov_01	Max T	0	6634.0305	7-2	2.74928
7	0	Mov_01	Min T	0	-564.9763	7-1	0
7	3.49712	Mov_01	Min T	0	-864.9886	7-2	2.74928
7	0	Mov_01	Max M2	0	0	7-1	0
7	3.49712	Mov_01	Max M2	0	0	7-2	2.74928
7	0	Mov_01	Min M2	0	0	7-1	0
7	3.49712	Mov_01	Min M2	0	0	7-2	2.74928
7	0	Mov_01	Max M3	0	7131.8184	7-1	0
7	3.49712	Mov_01	Max M3	0	8799.1763	7-2	2.74928
7	0	Mov_01	Min M3	0	-900.0444	7-1	0
7	3.49712	Mov_01	Min M3	0	-1198.4328	7-2	2.74928
12	0	Mov_01	Max P	0	0	12-1	0
12	5.49856	Mov_01	Max P	0	0	12-2	2.74928
12	0	Mov_01	Min P	0	0	12-1	0
12	5.49856	Mov_01	Min P	0	0	12-2	2.74928
12	0	Mov_01	Max V2	0	2187.5076	12-1	0
12	5.49856	Mov_01	Max V2	0	4253.087	12-2	2.74928
12	0	Mov_01	Min V2	0	7821.0121	12-1	0
12	5.49856	Mov_01	Min V2	0	8714.1075	12-2	2.74928
12	0	Mov_01	Max V3	0	0	12-1	0
12	5.49856	Mov_01	Max V3	0	0	12-2	2.74928
12	0	Mov_01	Min V3	0	0	12-1	0
12	5.49856	Mov_01	Min V3	0	0	12-2	2.74928
12	0	Mov_01	Max T	0	6453.6998	12-1	0
12	5.49856	Mov_01	Max T	0	8685.6676	12-2	2.74928
12	0	Mov_01	Min T	0	-753.8679	12-1	0
12	5.49856	Mov_01	Min T	0	-1266.2444	12-2	2.74928
12	0	Mov_01	Max M2	0	0	12-1	0
12	5.49856	Mov_01	Max M2	0	0	12-2	2.74928
12	0	Mov_01	Min M2	0	0	12-1	0
12	5.49856	Mov_01	Min M2	0	0	12-2	2.74928
12	0	Mov_01	Max M3	0	8824.5078	12-1	0
12	5.49856	Mov_01	Max M3	0	10601.901	12-2	2.74928
12	0	Mov_01	Min M3	0	-1210.7704	12-1	0
12	5.49856	Mov_01	Min M3	0	-1677.7559	12-2	2.74928
16	0	Mov_01	Max P	0	0	16-1	0
16	0.99712	Mov_01	Max P	0	0	16-1	0.99712
16	0	Mov_01	Min P	0	0	16-1	0
16	0.99712	Mov_01	Min P	0	0	16-1	0.99712
16	0	Mov_01	Max V2	0	4560.449	16-1	0
16	0.99712	Mov_01	Max V2	0	4228.963	16-1	0.99712
16	0	Mov_01	Min V2	0	8561.3687	16-1	0
16	0.99712	Mov_01	Min V2	0	9059.2121	16-1	0.99712
16	0	Mov_01	Max V3	0	0	16-1	0
16	0.99712	Mov_01	Max V3	0	0	16-1	0.99712
16	0	Mov_01	Min V3	0	0	16-1	0
16	0.99712	Mov_01	Min V3	0	0	16-1	0.99712
16	0	Mov_01	Max T	0	6416.2485	16-1	0
16	0.99712	Mov_01	Max T	0	6573.9555	16-1	0.99712
16	0	Mov_01	Min T	0	788.1648	16-1	0
16	0.99712	Mov_01	Min T	0	751.5199	16-1	0.99712
16	0	Mov_01	Max M2	0	0	16-1	0
16	0.99712	Mov_01	Max M2	0	0	16-1	0.99712

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Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M2	M3	FrameElem	ElemStation m
				KN-m	KN-m		
16	0	Mov_01	Min M2	0	0	16-1	0
16	0.99712	Mov_01	Min M2	0	0	16-1	0.99712
16	0	Mov_01	Max M3	0	10619.3285	16-1	0
16	0.99712	Mov_01	Max M3	0	10914.8103	16-1	0.99712
16	0	Mov_01	Min M3	0	-1689.8705	16-1	0
16	0.99712	Mov_01	Min M3	0	-1779.501	16-1	0.99712
20	0	Mov_01	Max P	0	0	20-1	0
20	4.50144	Mov_01	Max P	0	0	20-2	2.74928
20	0	Mov_01	Min P	0	0	20-1	0
20	4.50144	Mov_01	Min P	0	0	20-2	2.74928
20	0	Mov_01	Max V2	0	4228.963	20-1	0
20	4.50144	Mov_01	Max V2	0	5152.5587	20-2	2.74928
20	0	Mov_01	Min V2	0	9059.2121	20-1	0
20	4.50144	Mov_01	Min V2	0	8257.4859	20-2	2.74928
20	0	Mov_01	Max V3	0	0	20-1	0
20	4.50144	Mov_01	Max V3	0	0	20-2	2.74928
20	0	Mov_01	Min V3	0	0	20-1	0
20	4.50144	Mov_01	Min V3	0	0	20-2	2.74928
20	0	Mov_01	Max T	0	6573.9555	20-1	0
20	4.50144	Mov_01	Max T	0	8639.5972	20-2	2.74928
20	0	Mov_01	Min T	0	751.5199	20-1	0
20	4.50144	Mov_01	Min T	0	-1299.5985	20-2	2.74928
20	0	Mov_01	Max M2	0	0	20-1	0
20	4.50144	Mov_01	Max M2	0	0	20-2	2.74928
20	0	Mov_01	Min M2	0	0	20-1	0
20	4.50144	Mov_01	Min M2	0	0	20-2	2.74928
20	0	Mov_01	Max M3	0	10914.8103	20-1	0
20	4.50144	Mov_01	Max M3	0	11137.1643	20-2	2.74928
20	0	Mov_01	Min M3	0	-1779.501	20-1	0
20	4.50144	Mov_01	Min M3	0	-2177.3492	20-2	2.74928
25	0	Mov_01	Max P	0	0	25-1	0
25	5.49856	Mov_01	Max P	0	0	25-2	2.74928
25	0	Mov_01	Min P	0	0	25-1	0
25	5.49856	Mov_01	Min P	0	0	25-2	2.74928
25	0	Mov_01	Max V2	0	5994.4064	25-1	0
25	5.49856	Mov_01	Max V2	0	6154.0909	25-2	2.74928
25	0	Mov_01	Min V2	0	7714.051	25-1	0
25	5.49856	Mov_01	Min V2	0	6526.4571	25-2	2.74928
25	0	Mov_01	Max V3	0	0	25-1	0
25	5.49856	Mov_01	Max V3	0	0	25-2	2.74928
25	0	Mov_01	Min V3	0	0	25-1	0
25	5.49856	Mov_01	Min V3	0	0	25-2	2.74928
25	0	Mov_01	Max T	0	4465.5994	25-1	0
25	5.49856	Mov_01	Max T	0	6047.7028	25-2	2.74928
25	0	Mov_01	Min T	0	7992.7024	25-1	0
25	5.49856	Mov_01	Min T	0	3861.5263	25-2	2.74928
25	0	Mov_01	Max M2	0	0	25-1	0
25	5.49856	Mov_01	Max M2	0	0	25-2	2.74928
25	0	Mov_01	Min M2	0	0	25-1	0
25	5.49856	Mov_01	Min M2	0	0	25-2	2.74928
25	0	Mov_01	Max M3	0	11139.6228	25-1	0
25	5.49856	Mov_01	Max M3	0	10544.7223	25-2	2.74928
25	0	Mov_01	Min M3	0	-2186.8087	25-1	0

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Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M2	M3	FrameElem	ElemStation m
				KN-m	KN-m		
25	5.49856	Mov_01	Min M3	0	-2703.8943	25-2	2.74928
29	0	Mov_01	Max P	0	0	29-1	0
29	5.49856	Mov_01	Max P	0	0	29-2	2.74928
29	0	Mov_01	Min P	0	0	29-1	0
29	5.49856	Mov_01	Min P	0	0	29-2	2.74928
29	0	Mov_01	Max V2	0	6468.9459	29-1	0
29	5.49856	Mov_01	Max V2	0	5307.5551	29-2	2.74928
29	0	Mov_01	Min V2	0	5929.7951	29-1	0
29	5.49856	Mov_01	Min V2	0	4807.3849	29-2	2.74928
29	0	Mov_01	Max V3	0	0	29-1	0
29	5.49856	Mov_01	Max V3	0	0	29-2	2.74928
29	0	Mov_01	Min V3	0	0	29-1	0
29	5.49856	Mov_01	Min V3	0	0	29-2	2.74928
29	0	Mov_01	Max T	0	764.9583	29-1	0
29	5.49856	Mov_01	Max T	0	1836.218	29-2	2.74928
29	0	Mov_01	Min T	0	7342.2474	29-1	0
29	5.49856	Mov_01	Min T	0	4605.2149	29-2	2.74928
29	0	Mov_01	Max M2	0	0	29-1	0
29	5.49856	Mov_01	Max M2	0	0	29-2	2.74928
29	0	Mov_01	Min M2	0	0	29-1	0
29	5.49856	Mov_01	Min M2	0	0	29-2	2.74928
29	0	Mov_01	Max M3	0	10529.0382	29-1	0
29	5.49856	Mov_01	Max M3	0	8959.2448	29-2	2.74928
29	0	Mov_01	Min M3	0	-2708.9928	29-1	0
29	5.49856	Mov_01	Min M3	0	-3256.2296	29-2	2.74928
36	0	Mov_01	Max P	0	0	36-1	0
36	4.49423	Mov_01	Max P	0	0	36-2	1.74495
36	0	Mov_01	Min P	0	0	36-1	0
36	4.49423	Mov_01	Min P	0	0	36-2	1.74495
36	0	Mov_01	Max V2	0	5589.4641	36-1	0
36	4.49423	Mov_01	Max V2	0	4175.2863	36-2	1.74495
36	0	Mov_01	Min V2	0	4127.2131	36-1	0
36	4.49423	Mov_01	Min V2	0	2954.6222	36-2	1.74495
36	0	Mov_01	Max V3	0	0	36-1	0
36	4.49423	Mov_01	Max V3	0	0	36-2	1.74495
36	0	Mov_01	Min V3	0	0	36-1	0
36	4.49423	Mov_01	Min V3	0	0	36-2	1.74495
36	0	Mov_01	Max T	0	-2980.829	36-1	0
36	4.49423	Mov_01	Max T	0	-3322.6749	36-2	1.74495
36	0	Mov_01	Min T	0	7201.7089	36-1	0
36	4.49423	Mov_01	Min T	0	4699.6577	36-2	1.74495
36	0	Mov_01	Max M2	0	0	36-1	0
36	4.49423	Mov_01	Max M2	0	0	36-2	1.74495
36	0	Mov_01	Min M2	0	0	36-1	0
36	4.49423	Mov_01	Min M2	0	0	36-2	1.74495
36	0	Mov_01	Max M3	0	8928.2111	36-1	0
36	4.49423	Mov_01	Max M3	0	7110.5686	36-2	1.74495
36	0	Mov_01	Min M3	0	-3255.7811	36-1	0
36	4.49423	Mov_01	Min M3	0	-3722.4607	36-2	1.74495
40	0	Mov_01	Max P	0	0	40-1	0
40	1.00432	Mov_01	Max P	0	0	40-1	1.00432
40	0	Mov_01	Min P	0	0	40-1	0
40	1.00432	Mov_01	Min P	0	0	40-1	1.00432



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Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M2	M3	FrameElem	ElemStation m
				KN-m	KN-m		
40	0	Mov_01	Max V2	0	4175.2863	40-1	0
40	1.00432	Mov_01	Max V2	0	3292.8728	40-1	1.00432
40	0	Mov_01	Min V2	0	2954.6222	40-1	0
40	1.00432	Mov_01	Min V2	0	3103.2546	40-1	1.00432
40	0	Mov_01	Max V3	0	0	40-1	0
40	1.00432	Mov_01	Max V3	0	0	40-1	1.00432
40	0	Mov_01	Min V3	0	0	40-1	0
40	1.00432	Mov_01	Min V3	0	0	40-1	1.00432
40	0	Mov_01	Max T	0	-3322.6749	40-1	0
40	1.00432	Mov_01	Max T	0	-3448.4983	40-1	1.00432
40	0	Mov_01	Min T	0	4699.6577	40-1	0
40	1.00432	Mov_01	Min T	0	4184.042	40-1	1.00432
40	0	Mov_01	Max M2	0	0	40-1	0
40	1.00432	Mov_01	Max M2	0	0	40-1	1.00432
40	0	Mov_01	Min M2	0	0	40-1	0
40	1.00432	Mov_01	Min M2	0	0	40-1	1.00432
40	0	Mov_01	Max M3	0	7110.5686	40-1	0
40	1.00432	Mov_01	Max M3	0	6492.0975	40-1	1.00432
40	0	Mov_01	Min M3	0	-3722.4607	40-1	0
40	1.00432	Mov_01	Min M3	0	-3830.0198	40-1	1.00432
44	0	Mov_01	Max P	0	0	44-1	0
44	5.49856	Mov_01	Max P	0	0	44-2	2.74928
44	0	Mov_01	Min P	0	0	44-1	0
44	5.49856	Mov_01	Min P	0	0	44-2	2.74928
44	0	Mov_01	Max V2	0	3400.4698	44-1	0
44	5.49856	Mov_01	Max V2	0	253.2673	44-2	2.74928
44	0	Mov_01	Min V2	0	2470.1405	44-1	0
44	5.49856	Mov_01	Min V2	0	1167.6346	44-2	2.74928
44	0	Mov_01	Max V3	0	0	44-1	0
44	5.49856	Mov_01	Max V3	0	0	44-2	2.74928
44	0	Mov_01	Min V3	0	0	44-1	0
44	5.49856	Mov_01	Min V3	0	0	44-2	2.74928
44	0	Mov_01	Max T	0	-3507.7026	44-1	0
44	5.49856	Mov_01	Max T	0	-4211.0017	44-2	2.74928
44	0	Mov_01	Min T	0	4316.048	44-1	0
44	5.49856	Mov_01	Min T	0	548.7832	44-2	2.74928
44	0	Mov_01	Max M2	0	0	44-1	0
44	5.49856	Mov_01	Max M2	0	0	44-2	2.74928
44	0	Mov_01	Min M2	0	0	44-1	0
44	5.49856	Mov_01	Min M2	0	0	44-2	2.74928
44	0	Mov_01	Max M3	0	6450.5972	44-1	0
44	5.49856	Mov_01	Max M3	0	3754.0598	44-2	2.74928
44	0	Mov_01	Min M3	0	-3825.0265	44-1	0
44	5.49856	Mov_01	Min M3	0	-4901.1857	44-2	2.74928
48	0	Mov_01	Max P	0	0	48-1	0
48	3.49712	Mov_01	Max P	0	0	48-2	0.74721
48	0	Mov_01	Min P	0	0	48-1	0
48	3.49712	Mov_01	Min P	0	0	48-2	0.74721
48	0	Mov_01	Max V2	0	338.4786	48-1	0
48	3.49712	Mov_01	Max V2	0	-1521.5609	48-2	0.74721
48	0	Mov_01	Min V2	0	996.0542	48-1	0
48	3.49712	Mov_01	Min V2	0	-167.0433	48-2	0.74721
48	0	Mov_01	Max V3	0	0	48-1	0

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Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M2	M3	FrameElem	ElemStation m
				KN-m	KN-m		
48	3.49712	Mov_01	Max V3	0	0	48-2	0.74721
48	0	Mov_01	Min V3	0	0	48-1	0
48	3.49712	Mov_01	Min V3	0	0	48-2	0.74721
48	0	Mov_01	Max T	0	-4199.3892	48-1	0
48	3.49712	Mov_01	Max T	0	-4586.0917	48-2	0.74721
48	0	Mov_01	Min T	0	622.8955	48-1	0
48	3.49712	Mov_01	Min T	0	-2018.2788	48-2	0.74721
48	0	Mov_01	Max M2	0	0	48-1	0
48	3.49712	Mov_01	Max M2	0	0	48-2	0.74721
48	0	Mov_01	Min M2	0	0	48-1	0
48	3.49712	Mov_01	Min M2	0	0	48-2	0.74721
48	0	Mov_01	Max M3	0	3724.4798	48-1	0
48	3.49712	Mov_01	Max M3	0	2531.0458	48-2	0.74721
48	0	Mov_01	Min M3	0	-4905.1768	48-1	0
48	3.49712	Mov_01	Min M3	0	-6084.5568	48-2	0.74721
52	0	Mov_01	Max P	0	0	52-1	0
52	2.00385	Mov_01	Max P	0	0	52-2	0.00241
52	0	Mov_01	Min P	0	0	52-1	0
52	2.00385	Mov_01	Min P	0	0	52-2	0.00241
52	0	Mov_01	Max V2	0	-1521.5609	52-1	0
52	2.00385	Mov_01	Max V2	0	-3504.6911	52-2	0.00241
52	0	Mov_01	Min V2	0	-167.0433	52-1	0
52	2.00385	Mov_01	Min V2	0	-240.7907	52-2	0.00241
52	0	Mov_01	Max V3	0	0	52-1	0
52	2.00385	Mov_01	Max V3	0	0	52-2	0.00241
52	0	Mov_01	Min V3	0	0	52-1	0
52	2.00385	Mov_01	Min V3	0	0	52-2	0.00241
52	0	Mov_01	Max T	0	-4586.0917	52-1	0
52	2.00385	Mov_01	Max T	0	-4799.0103	52-2	0.00241
52	0	Mov_01	Min T	0	-2018.2788	52-1	0
52	2.00385	Mov_01	Min T	0	-3670.9857	52-2	0.00241
52	0	Mov_01	Max M2	0	0	52-1	0
52	2.00385	Mov_01	Max M2	0	0	52-2	0.00241
52	0	Mov_01	Min M2	0	0	52-1	0
52	2.00385	Mov_01	Min M2	0	0	52-2	0.00241
52	0	Mov_01	Max M3	0	2531.0458	52-1	0
52	2.00385	Mov_01	Max M3	0	1426.3546	52-2	0.00241
52	0	Mov_01	Min M3	0	-6084.5568	52-1	0
52	2.00385	Mov_01	Min M3	0	-6964.702	52-2	0.00241
56	0	Mov_01	Max P	0	0	56-1	0
56	5.49615	Mov_01	Max P	0	0	56-2	2.74865
56	0	Mov_01	Min P	0	0	56-1	0
56	5.49615	Mov_01	Min P	0	0	56-2	2.74865
56	0	Mov_01	Max V2	0	-3565.8412	56-1	0
56	5.49615	Mov_01	Max V2	0	-8682.4956	56-2	2.74865
56	0	Mov_01	Min V2	0	-254.325	56-1	0
56	5.49615	Mov_01	Min V2	0	-673.6594	56-2	2.74865
56	0	Mov_01	Max V3	0	0	56-1	0
56	5.49615	Mov_01	Max V3	0	0	56-2	2.74865
56	0	Mov_01	Min V3	0	0	56-1	0
56	5.49615	Mov_01	Min V3	0	0	56-2	2.74865
56	0	Mov_01	Max T	0	-4777.0436	56-1	0
56	5.49615	Mov_01	Max T	0	-5382.1063	56-2	2.74865

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Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M2	M3	FrameElem	ElemStation m
				KN-m	KN-m		
56	0	Mov_01	Min T	0	-3541.6331	56-1	0
56	5.49615	Mov_01	Min T	0	-8273.1368	56-2	2.74865
56	0	Mov_01	Max M2	0	0	56-1	0
56	5.49615	Mov_01	Max M2	0	0	56-2	2.74865
56	0	Mov_01	Min M2	0	0	56-1	0
56	5.49615	Mov_01	Min M2	0	0	56-2	2.74865
56	0	Mov_01	Max M3	0	1400.8558	56-1	0
56	5.49615	Mov_01	Max M3	0	105.8803	56-2	2.74865
56	0	Mov_01	Min M3	0	-6971.2742	56-1	0
56	5.49615	Mov_01	Min M3	0	-11176.5587	56-2	2.74865
61	0	Mov_01	Max P	0	0	61-1	0
61	5.49856	Mov_01	Max P	0	0	61-2	2.74928
61	0	Mov_01	Min P	0	0	61-1	0
61	5.49856	Mov_01	Min P	0	0	61-2	2.74928
61	0	Mov_01	Max V2	0	-1181.4348	61-1	0
61	5.49856	Mov_01	Max V2	0	-502.8685	61-2	2.74928
61	0	Mov_01	Min V2	0	-7817.7708	61-1	0
61	5.49856	Mov_01	Min V2	0	-3187.5695	61-2	2.74928
61	0	Mov_01	Max V3	0	0	61-1	0
61	5.49856	Mov_01	Max V3	0	0	61-2	2.74928
61	0	Mov_01	Min V3	0	0	61-1	0
61	5.49856	Mov_01	Min V3	0	0	61-2	2.74928
61	0	Mov_01	Max T	0	-5269.4523	61-1	0
61	5.49856	Mov_01	Max T	0	-1062.0701	61-2	2.74928
61	0	Mov_01	Min T	0	-8387.8917	61-1	0
61	5.49856	Mov_01	Min T	0	-7665.9435	61-2	2.74928
61	0	Mov_01	Max M2	0	0	61-1	0
61	5.49856	Mov_01	Max M2	0	0	61-2	2.74928
61	0	Mov_01	Min M2	0	0	61-1	0
61	5.49856	Mov_01	Min M2	0	0	61-2	2.74928
61	0	Mov_01	Max M3	0	106.0235	61-1	0
61	5.49856	Mov_01	Max M3	0	1923.6286	61-2	2.74928
61	0	Mov_01	Min M3	0	-11195.127	61-1	0
61	5.49856	Mov_01	Min M3	0	-8609.355	61-2	2.74928
66	0	Mov_01	Max P	0	0	66-1	0
66	2.00144	Mov_01	Max P	0	0	66-1	2.00144
66	0	Mov_01	Min P	0	0	66-1	0
66	2.00144	Mov_01	Min P	0	0	66-1	2.00144
66	0	Mov_01	Max V2	0	-198.2579	66-1	0
66	2.00144	Mov_01	Max V2	0	-333.5859	66-1	2.00144
66	0	Mov_01	Min V2	0	-3381.0176	66-1	0
66	2.00144	Mov_01	Min V2	0	-1306.9848	66-1	2.00144
66	0	Mov_01	Max V3	0	0	66-1	0
66	2.00144	Mov_01	Max V3	0	0	66-1	2.00144
66	0	Mov_01	Min V3	0	0	66-1	0
66	2.00144	Mov_01	Min V3	0	0	66-1	2.00144
66	0	Mov_01	Max T	0	-1166.1216	66-1	0
66	2.00144	Mov_01	Max T	0	244.7385	66-1	2.00144
66	0	Mov_01	Min T	0	-7644.7959	66-1	0
66	2.00144	Mov_01	Min T	0	-7255.023	66-1	2.00144
66	0	Mov_01	Max M2	0	0	66-1	0
66	2.00144	Mov_01	Max M2	0	0	66-1	2.00144
66	0	Mov_01	Min M2	0	0	66-1	0

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Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M2	M3	FrameElem	ElemStation m
				KN-m	KN-m		
66	2.00144	Mov_01	Min M2	0	0	66-1	2.00144
66	0	Mov_01	Max M3	0	1936.5036	66-1	0
66	2.00144	Mov_01	Max M3	0	3179.2649	66-1	2.00144
66	0	Mov_01	Min M3	0	-8622.236	66-1	0
66	2.00144	Mov_01	Min M3	0	-7921.5083	66-1	2.00144
69	0	Mov_01	Max P	0	0	69-1	0
69	3.49712	Mov_01	Max P	0	0	69-2	2.74928
69	0	Mov_01	Min P	0	0	69-1	0
69	3.49712	Mov_01	Min P	0	0	69-2	2.74928
69	0	Mov_01	Max V2	0	-333.5859	69-1	0
69	3.49712	Mov_01	Max V2	0	1154.9085	69-2	2.74928
69	0	Mov_01	Min V2	0	-1306.9848	69-1	0
69	3.49712	Mov_01	Min V2	0	25.0619	69-2	2.74928
69	0	Mov_01	Max V3	0	0	69-1	0
69	3.49712	Mov_01	Max V3	0	0	69-2	2.74928
69	0	Mov_01	Min V3	0	0	69-1	0
69	3.49712	Mov_01	Min V3	0	0	69-2	2.74928
69	0	Mov_01	Max T	0	244.7385	69-1	0
69	3.49712	Mov_01	Max T	0	2442.1234	69-2	2.74928
69	0	Mov_01	Min T	0	-7255.023	69-1	0
69	3.49712	Mov_01	Min T	0	-6578.5107	69-2	2.74928
69	0	Mov_01	Max M2	0	0	69-1	0
69	3.49712	Mov_01	Max M2	0	0	69-2	2.74928
69	0	Mov_01	Min M2	0	0	69-1	0
69	3.49712	Mov_01	Min M2	0	0	69-2	2.74928
69	0	Mov_01	Max M3	0	3179.2649	69-1	0
69	3.49712	Mov_01	Max M3	0	4463.7031	69-2	2.74928
69	0	Mov_01	Min M3	0	-7921.5083	69-1	0
69	3.49712	Mov_01	Min M3	0	-6940.4843	69-2	2.74928
130	0	Mov_01	Max P	0	0	130-1	0
130	5.49856	Mov_01	Max P	0	0	130-2	2.74928
130	0	Mov_01	Min P	0	0	130-1	0
130	5.49856	Mov_01	Min P	0	0	130-2	2.74928
130	0	Mov_01	Max V2	0	1766.884	130-1	0
130	5.49856	Mov_01	Max V2	0	3268.0572	130-2	2.74928
130	0	Mov_01	Min V2	0	-105.2246	130-1	0
130	5.49856	Mov_01	Min V2	0	2130.3602	130-2	2.74928
130	0	Mov_01	Max V3	0	0	130-1	0
130	5.49856	Mov_01	Max V3	0	0	130-2	2.74928
130	0	Mov_01	Min V3	0	0	130-1	0
130	5.49856	Mov_01	Min V3	0	0	130-2	2.74928
130	0	Mov_01	Max T	0	2236.0468	130-1	0
130	5.49856	Mov_01	Max T	0	4908.2965	130-2	2.74928
130	0	Mov_01	Min T	0	-6048.9502	130-1	0
130	5.49856	Mov_01	Min T	0	-5398.2013	130-2	2.74928
130	0	Mov_01	Max M2	0	0	130-1	0
130	5.49856	Mov_01	Max M2	0	0	130-2	2.74928
130	0	Mov_01	Min M2	0	0	130-1	0
130	5.49856	Mov_01	Min M2	0	0	130-2	2.74928
130	0	Mov_01	Max M3	0	4490.1344	130-1	0
130	5.49856	Mov_01	Max M3	0	6728.2794	130-2	2.74928
130	0	Mov_01	Min M3	0	-6951.1999	130-1	0
130	5.49856	Mov_01	Min M3	0	-5797.8355	130-2	2.74928

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Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M2 KN-m	M3 KN-m	FrameElem	ElemStation m
134	0	Mov_01	Max P	0	0	134-1	0
134	1.00432	Mov_01	Max P	0	0	134-1	1.00432
134	0	Mov_01	Min P	0	0	134-1	0
134	1.00432	Mov_01	Min P	0	0	134-1	1.00432
134	0	Mov_01	Max V2	0	3644.7105	134-1	0
134	1.00432	Mov_01	Max V2	0	3466.8864	134-1	1.00432
134	0	Mov_01	Min V2	0	1899.2283	134-1	0
134	1.00432	Mov_01	Min V2	0	2638.04	134-1	1.00432
134	0	Mov_01	Max V3	0	0	134-1	0
134	1.00432	Mov_01	Max V3	0	0	134-1	1.00432
134	0	Mov_01	Min V3	0	0	134-1	0
134	1.00432	Mov_01	Min V3	0	0	134-1	1.00432
134	0	Mov_01	Max T	0	3473.9873	134-1	0
134	1.00432	Mov_01	Max T	0	3808.7027	134-1	1.00432
134	0	Mov_01	Min T	0	-1736.8934	134-1	0
134	1.00432	Mov_01	Min T	0	-1604.1811	134-1	1.00432
134	0	Mov_01	Max M2	0	0	134-1	0
134	1.00432	Mov_01	Max M2	0	0	134-1	1.00432
134	0	Mov_01	Min M2	0	0	134-1	0
134	1.00432	Mov_01	Min M2	0	0	134-1	1.00432
134	0	Mov_01	Max M3	0	6752.1966	134-1	0
134	1.00432	Mov_01	Max M3	0	7168.6892	134-1	1.00432
134	0	Mov_01	Min M3	0	-5801.0788	134-1	0
134	1.00432	Mov_01	Min M3	0	-5592.8613	134-1	1.00432
138	0	Mov_01	Max P	0	0	138-1	0
138	4.49423	Mov_01	Max P	0	0	138-2	2.74928
138	0	Mov_01	Min P	0	0	138-1	0
138	4.49423	Mov_01	Min P	0	0	138-2	2.74928
138	0	Mov_01	Max V2	0	3466.8864	138-1	0
138	4.49423	Mov_01	Max V2	0	4951.9286	138-2	2.74928
138	0	Mov_01	Min V2	0	2638.04	138-1	0
138	4.49423	Mov_01	Min V2	0	3237.8858	138-2	2.74928
138	0	Mov_01	Max V3	0	0	138-1	0
138	4.49423	Mov_01	Max V3	0	0	138-2	2.74928
138	0	Mov_01	Min V3	0	0	138-1	0
138	4.49423	Mov_01	Min V3	0	0	138-2	2.74928
138	0	Mov_01	Max T	0	3808.7027	138-1	0
138	4.49423	Mov_01	Max T	0	6949.4467	138-2	2.74928
138	0	Mov_01	Min T	0	-1604.1811	138-1	0
138	4.49423	Mov_01	Min T	0	-1676.8093	138-2	2.74928
138	0	Mov_01	Max M2	0	0	138-1	0
138	4.49423	Mov_01	Max M2	0	0	138-2	2.74928
138	0	Mov_01	Min M2	0	0	138-1	0
138	4.49423	Mov_01	Min M2	0	0	138-2	2.74928
138	0	Mov_01	Max M3	0	7168.6892	138-1	0
138	4.49423	Mov_01	Max M3	0	8017.9122	138-2	2.74928
138	0	Mov_01	Min M3	0	-5592.8613	138-1	0
138	4.49423	Mov_01	Min M3	0	-4671.495	138-2	2.74928
145	0	Mov_01	Max P	0	0	145-1	0
145	5.49856	Mov_01	Max P	0	0	145-2	2.74928
145	0	Mov_01	Min P	0	0	145-1	0
145	5.49856	Mov_01	Min P	0	0	145-2	2.74928
145	0	Mov_01	Max V2	0	5479.0644	145-1	0

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Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M2	M3	FrameElem	ElemStation m
				KN-m	KN-m		
145	5.49856	Mov_01	Max V2	0	6213.1952	145-2	2.74928
145	0	Mov_01	Min V2	0	2724.5139	145-1	0
145	5.49856	Mov_01	Min V2	0	2825.8145	145-2	2.74928
145	0	Mov_01	Max V3	0	0	145-1	0
145	5.49856	Mov_01	Max V3	0	0	145-2	2.74928
145	0	Mov_01	Min V3	0	0	145-1	0
145	5.49856	Mov_01	Min V3	0	0	145-2	2.74928
145	0	Mov_01	Max T	0	713.7404	145-1	0
145	5.49856	Mov_01	Max T	0	4785.2531	145-2	2.74928
145	0	Mov_01	Min T	0	4776.4276	145-1	0
145	5.49856	Mov_01	Min T	0	3182.3698	145-2	2.74928
145	0	Mov_01	Max M2	0	0	145-1	0
145	5.49856	Mov_01	Max M2	0	0	145-2	2.74928
145	0	Mov_01	Min M2	0	0	145-1	0
145	5.49856	Mov_01	Min M2	0	0	145-2	2.74928
145	0	Mov_01	Max M3	0	8029.9494	145-1	0
145	5.49856	Mov_01	Max M3	0	8311.4421	145-2	2.74928
145	0	Mov_01	Min M3	0	-4665.187	145-1	0
145	5.49856	Mov_01	Min M3	0	-3622.0799	145-2	2.74928
209	0	Mov_01	Max P	0	0	209-1	0
209	5.49856	Mov_01	Max P	0	0	209-2	2.74928
209	0	Mov_01	Min P	0	0	209-1	0
209	5.49856	Mov_01	Min P	0	0	209-2	2.74928
209	0	Mov_01	Max V2	0	6495.0756	209-1	0
209	5.49856	Mov_01	Max V2	0	6329.3935	209-2	2.74928
209	0	Mov_01	Min V2	0	2411.4184	209-1	0
209	5.49856	Mov_01	Min V2	0	957.9223	209-2	2.74928
209	0	Mov_01	Max V3	0	0	209-1	0
209	5.49856	Mov_01	Max V3	0	0	209-2	2.74928
209	0	Mov_01	Min V3	0	0	209-1	0
209	5.49856	Mov_01	Min V3	0	0	209-2	2.74928
209	0	Mov_01	Max T	0	-3262.1838	209-1	0
209	5.49856	Mov_01	Max T	0	-1897.1693	209-2	2.74928
209	0	Mov_01	Min T	0	7398.0271	209-1	0
209	5.49856	Mov_01	Min T	0	4896.1781	209-2	2.74928
209	0	Mov_01	Max M2	0	0	209-1	0
209	5.49856	Mov_01	Max M2	0	0	209-2	2.74928
209	0	Mov_01	Min M2	0	0	209-1	0
209	5.49856	Mov_01	Min M2	0	0	209-2	2.74928
209	0	Mov_01	Max M3	0	8309.7669	209-1	0
209	5.49856	Mov_01	Max M3	0	7427.8112	209-2	2.74928
209	0	Mov_01	Min M3	0	-3608.639	209-1	0
209	5.49856	Mov_01	Min M3	0	-2649.1502	209-2	2.74928
213	0	Mov_01	Max P	0	0	213-1	0
213	4.50193	Mov_01	Max P	0	0	213-2	1.75265
213	0	Mov_01	Min P	0	0	213-1	0
213	4.50193	Mov_01	Min P	0	0	213-2	1.75265
213	0	Mov_01	Max V2	0	6531.2166	213-1	0
213	4.50193	Mov_01	Max V2	0	5415.3047	213-2	1.75265
213	0	Mov_01	Min V2	0	900.1553	213-1	0
213	4.50193	Mov_01	Min V2	0	-301.9354	213-2	1.75265
213	0	Mov_01	Max V3	0	0	213-1	0
213	4.50193	Mov_01	Max V3	0	0	213-2	1.75265

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Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M2	M3	FrameElem	ElemStation m
				KN-m	KN-m		
213	0	Mov_01	Min V3	0	0	213-1	0
213	4.50193	Mov_01	Min V3	0	0	213-2	1.75265
213	0	Mov_01	Max T	0	-2364.0532	213-1	0
213	4.50193	Mov_01	Max T	0	-1578.9526	213-2	1.75265
213	0	Mov_01	Min T	0	5799.3162	213-1	0
213	4.50193	Mov_01	Min T	0	3798.8497	213-2	1.75265
213	0	Mov_01	Max M2	0	0	213-1	0
213	4.50193	Mov_01	Max M2	0	0	213-2	1.75265
213	0	Mov_01	Min M2	0	0	213-1	0
213	4.50193	Mov_01	Min M2	0	0	213-2	1.75265
213	0	Mov_01	Max M3	0	7419.0163	213-1	0
213	4.50193	Mov_01	Max M3	0	5599.7918	213-2	1.75265
213	0	Mov_01	Min M3	0	-2634.1676	213-1	0
213	4.50193	Mov_01	Min M3	0	-1812.8019	213-2	1.75265
215	0	Mov_01	Max P	0	0	215-1	0
215	0.99662	Mov_01	Max P	0	0	215-1	0.99662
215	0	Mov_01	Min P	0	0	215-1	0
215	0.99662	Mov_01	Min P	0	0	215-1	0.99662
215	0	Mov_01	Max V2	0	5415.3047	215-1	0
215	0.99662	Mov_01	Max V2	0	4695.2264	215-1	0.99662
215	0	Mov_01	Min V2	0	-301.9354	215-1	0
215	0.99662	Mov_01	Min V2	0	-81.1062	215-1	0.99662
215	0	Mov_01	Max V3	0	0	215-1	0
215	0.99662	Mov_01	Max V3	0	0	215-1	0.99662
215	0	Mov_01	Min V3	0	0	215-1	0
215	0.99662	Mov_01	Min V3	0	0	215-1	0.99662
215	0	Mov_01	Max T	0	-1578.9526	215-1	0
215	0.99662	Mov_01	Max T	0	-1414.0958	215-1	0.99662
215	0	Mov_01	Min T	0	3798.8497	215-1	0
215	0.99662	Mov_01	Min T	0	3397.4018	215-1	0.99662
215	0	Mov_01	Max M2	0	0	215-1	0
215	0.99662	Mov_01	Max M2	0	0	215-1	0.99662
215	0	Mov_01	Min M2	0	0	215-1	0
215	0.99662	Mov_01	Min M2	0	0	215-1	0.99662
215	0	Mov_01	Max M3	0	5599.7918	215-1	0
215	0.99662	Mov_01	Max M3	0	4904.8768	215-1	0.99662
215	0	Mov_01	Min M3	0	-1812.8019	215-1	0
215	0.99662	Mov_01	Min M3	0	-1609.6446	215-1	0.99662
216	0	Mov_01	Max P	0	0	216-1	0
216	5.50338	Mov_01	Max P	0	0	216-2	2.75284
216	0	Mov_01	Min P	0	0	216-1	0
216	5.50338	Mov_01	Min P	0	0	216-2	2.75284
216	0	Mov_01	Max V2	0	4701.0025	216-1	0
216	5.50338	Mov_01	Max V2	0	-38.7547	216-2	2.75284
216	0	Mov_01	Min V2	0	-89.4707	216-1	0
216	5.50338	Mov_01	Min V2	0	32.6168	216-2	2.75284
216	0	Mov_01	Max V3	0	0	216-1	0
216	5.50338	Mov_01	Max V3	0	0	216-2	2.75284
216	0	Mov_01	Min V3	0	0	216-1	0
216	5.50338	Mov_01	Min V3	0	0	216-2	2.75284
216	0	Mov_01	Max T	0	-1463.1756	216-1	0
216	5.50338	Mov_01	Max T	0	33.0212	216-2	2.75284
216	0	Mov_01	Min T	0	3728.4238	216-1	0

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**Table: Element Forces - Frames, Part 2 of 2**

Frame	Station m	OutputCase	StepType	M2 KN-m	M3 KN-m	FrameElem	ElemStation m
216	5.50338	Mov_01	Min T	0	-58.8748	216-2	2.75284
216	0	Mov_01	Max M2	0	0	216-1	0
216	5.50338	Mov_01	Max M2	0	0	216-2	2.75284
216	0	Mov_01	Min M2	0	0	216-1	0
216	5.50338	Mov_01	Min M2	0	0	216-2	2.75284
216	0	Mov_01	Max M3	0	4908.2385	216-1	0
216	5.50338	Mov_01	Max M3	0	36.0639	216-2	2.75284
216	0	Mov_01	Min M3	0	-1606.2604	216-1	0
216	5.50338	Mov_01	Min M3	0	-63.2321	216-2	2.75284



## 2. SOLETTA

### 2.1. Input: schema di carico - mezzeria soletta

**Table: Active Degrees of Freedom**

Table: Active Degrees of Freedom					
UX	UY	UZ	RX	RY	RZ
Yes	Yes	Yes	Yes	Yes	Yes

**Table: Analysis Options**

Table: Analysis Options				
Solver	SolverProc	Force32Bit	StiffCase	GeomMod
Advanced	Auto	No	None	None

**Table: Area Loads - Uniform**

Table: Area Loads - Uniform				
Area	LoadPat	CoordSys	Dir	UnifLoad KN/m2
406	Q5-FOLLA	GLOBAL	Gravity	5
407	Q5-FOLLA	GLOBAL	Gravity	5
467	Q5-FOLLA	GLOBAL	Gravity	5
468	Q5-FOLLA	GLOBAL	Gravity	5
1121	Q5-FOLLA	GLOBAL	Gravity	5
1122	Q5-FOLLA	GLOBAL	Gravity	5
1159	Q5-FOLLA	GLOBAL	Gravity	5
1160	Q5-FOLLA	GLOBAL	Gravity	5
1235	_Q1k-A	GLOBAL	Gravity	150
1235	G2-PAVIM	GLOBAL	Gravity	3
1235	q1k-A	GLOBAL	Gravity	9
1235	_Q1k-B	GLOBAL	Gravity	100
1235	q1k-B	GLOBAL	Gravity	2,5
1235	q1k-E	GLOBAL	Gravity	2,5
1236	_Q1k-A	GLOBAL	Gravity	150
1236	G2-PAVIM	GLOBAL	Gravity	3
1236	q1k-A	GLOBAL	Gravity	9
1236	_Q1k-B	GLOBAL	Gravity	100
1236	q1k-B	GLOBAL	Gravity	2,5
1236	q1k-E	GLOBAL	Gravity	2,5
1273	_Q1k-A	GLOBAL	Gravity	150
1273	G2-PAVIM	GLOBAL	Gravity	3
1273	q1k-A	GLOBAL	Gravity	9
1273	_Q1k-B	GLOBAL	Gravity	100
1273	q1k-B	GLOBAL	Gravity	2,5
1273	q1k-E	GLOBAL	Gravity	2,5

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**Table: Area Loads - Uniform**

Area	LoadPat	CoordSys	Dir	UnifLoad KN/m2
1274	_Q1k-A	GLOBAL	Gravity	150
1274	G2-PAVIM	GLOBAL	Gravity	3
1274	q1k-A	GLOBAL	Gravity	9
1274	_Q1k-B	GLOBAL	Gravity	100
1274	q1k-B	GLOBAL	Gravity	2,5
1274	q1k-E	GLOBAL	Gravity	2,5
1311	_Q1k-A	GLOBAL	Gravity	150
1311	G2-PAVIM	GLOBAL	Gravity	3
1311	q1k-A	GLOBAL	Gravity	9
1311	_Q1k-B	GLOBAL	Gravity	100
1311	q1k-B	GLOBAL	Gravity	2,5
1311	q1k-E	GLOBAL	Gravity	2,5
1312	_Q1k-A	GLOBAL	Gravity	150
1312	G2-PAVIM	GLOBAL	Gravity	3
1312	q1k-A	GLOBAL	Gravity	9
1312	_Q1k-B	GLOBAL	Gravity	100
1312	q1k-B	GLOBAL	Gravity	2,5
1312	q1k-E	GLOBAL	Gravity	2,5
1349	G2-PAVIM	GLOBAL	Gravity	3
1349	q1k-A	GLOBAL	Gravity	9
1349	q1k-B	GLOBAL	Gravity	2,5
1349	_Q1k-E	GLOBAL	Gravity	100
1349	q1k-E	GLOBAL	Gravity	2,5
1350	G2-PAVIM	GLOBAL	Gravity	3
1350	q1k-A	GLOBAL	Gravity	9
1350	q1k-B	GLOBAL	Gravity	2,5
1350	_Q1k-E	GLOBAL	Gravity	100
1350	q1k-E	GLOBAL	Gravity	2,5
1387	G2-PAVIM	GLOBAL	Gravity	3
1387	q1k-A	GLOBAL	Gravity	9
1387	q1k-B	GLOBAL	Gravity	2,5
1387	_Q1k-E	GLOBAL	Gravity	100
1387	q1k-E	GLOBAL	Gravity	2,5
1388	G2-PAVIM	GLOBAL	Gravity	3
1388	q1k-A	GLOBAL	Gravity	9
1388	q1k-B	GLOBAL	Gravity	2,5
1388	_Q1k-E	GLOBAL	Gravity	100
1388	q1k-E	GLOBAL	Gravity	2,5
1425	_Q1k-A	GLOBAL	Gravity	150
1425	G2-PAVIM	GLOBAL	Gravity	3
1425	q1k-A	GLOBAL	Gravity	9
1425	_Q1k-B	GLOBAL	Gravity	100
1425	q1k-B	GLOBAL	Gravity	2,5
1425	q1k-E	GLOBAL	Gravity	2,5
1426	_Q1k-A	GLOBAL	Gravity	150
1426	G2-PAVIM	GLOBAL	Gravity	3
1426	q1k-A	GLOBAL	Gravity	9
1426	_Q1k-B	GLOBAL	Gravity	100
1426	q1k-B	GLOBAL	Gravity	2,5
1426	q1k-E	GLOBAL	Gravity	2,5
1463	_Q1k-A	GLOBAL	Gravity	150
1463	G2-PAVIM	GLOBAL	Gravity	3
1463	q1k-A	GLOBAL	Gravity	9

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**Table: Area Loads - Uniform**

Area	LoadPat	CoordSys	Dir	UnifLoad KN/m2
1463	_Q1k-B	GLOBAL	Gravity	100
1463	q1k-B	GLOBAL	Gravity	2,5
1463	q1k-E	GLOBAL	Gravity	2,5
1464	_Q1k-A	GLOBAL	Gravity	150
1464	G2-PAVIM	GLOBAL	Gravity	3
1464	q1k-A	GLOBAL	Gravity	9
1464	_Q1k-B	GLOBAL	Gravity	100
1464	q1k-B	GLOBAL	Gravity	2,5
1464	q1k-E	GLOBAL	Gravity	2,5
1501	_Q1k-A	GLOBAL	Gravity	100
1501	_Q1k-B	GLOBAL	Gravity	150
1501	G2-PAVIM	GLOBAL	Gravity	3
1501	q1k-A	GLOBAL	Gravity	2,5
1501	q1k-B	GLOBAL	Gravity	9
1501	_Q1k-E	GLOBAL	Gravity	100
1501	q1k-E	GLOBAL	Gravity	2,5
1502	_Q1k-A	GLOBAL	Gravity	100
1502	_Q1k-B	GLOBAL	Gravity	150
1502	G2-PAVIM	GLOBAL	Gravity	3
1502	q1k-A	GLOBAL	Gravity	2,5
1502	q1k-B	GLOBAL	Gravity	9
1502	_Q1k-E	GLOBAL	Gravity	100
1502	q1k-E	GLOBAL	Gravity	2,5
1539	_Q1k-A	GLOBAL	Gravity	100
1539	_Q1k-B	GLOBAL	Gravity	150
1539	G2-PAVIM	GLOBAL	Gravity	3
1539	q1k-A	GLOBAL	Gravity	2,5
1539	q1k-B	GLOBAL	Gravity	9
1539	_Q1k-E	GLOBAL	Gravity	100
1539	q1k-E	GLOBAL	Gravity	2,5
1540	_Q1k-A	GLOBAL	Gravity	100
1540	_Q1k-B	GLOBAL	Gravity	150
1540	G2-PAVIM	GLOBAL	Gravity	3
1540	q1k-A	GLOBAL	Gravity	2,5
1540	q1k-B	GLOBAL	Gravity	9
1540	_Q1k-E	GLOBAL	Gravity	100
1540	q1k-E	GLOBAL	Gravity	2,5
1577	G2-PAVIM	GLOBAL	Gravity	3
1577	q1k-A	GLOBAL	Gravity	2,5
1577	q1k-B	GLOBAL	Gravity	9
1577	_Q1k-E	GLOBAL	Gravity	150
1577	q1k-E	GLOBAL	Gravity	9
1578	G2-PAVIM	GLOBAL	Gravity	3
1578	q1k-A	GLOBAL	Gravity	2,5
1578	q1k-B	GLOBAL	Gravity	9
1578	_Q1k-E	GLOBAL	Gravity	150
1578	q1k-E	GLOBAL	Gravity	9
1615	G2-PAVIM	GLOBAL	Gravity	3
1615	q1k-A	GLOBAL	Gravity	2,5
1615	q1k-B	GLOBAL	Gravity	9
1615	_Q1k-E	GLOBAL	Gravity	150
1615	q1k-E	GLOBAL	Gravity	9
1616	G2-PAVIM	GLOBAL	Gravity	3

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**Table: Area Loads - Uniform**

Area	LoadPat	CoordSys	Dir	UnifLoad KN/m2
1616	q1k-A	GLOBAL	Gravity	2,5
1616	q1k-B	GLOBAL	Gravity	9
1616	_Q1k-E	GLOBAL	Gravity	150
1616	q1k-E	GLOBAL	Gravity	9
1653	_Q1k-A	GLOBAL	Gravity	100
1653	_Q1k-B	GLOBAL	Gravity	150
1653	G2-PAVIM	GLOBAL	Gravity	3
1653	q1k-A	GLOBAL	Gravity	2,5
1653	q1k-B	GLOBAL	Gravity	9
1653	q1k-E	GLOBAL	Gravity	9
1654	_Q1k-A	GLOBAL	Gravity	100
1654	_Q1k-B	GLOBAL	Gravity	150
1654	G2-PAVIM	GLOBAL	Gravity	3
1654	q1k-A	GLOBAL	Gravity	2,5
1654	q1k-B	GLOBAL	Gravity	9
1654	q1k-E	GLOBAL	Gravity	9
1691	_Q1k-A	GLOBAL	Gravity	100
1691	_Q1k-B	GLOBAL	Gravity	150
1691	G2-PAVIM	GLOBAL	Gravity	3
1691	q1k-A	GLOBAL	Gravity	2,5
1691	q1k-B	GLOBAL	Gravity	9
1691	q1k-E	GLOBAL	Gravity	9
1692	_Q1k-A	GLOBAL	Gravity	100
1692	_Q1k-B	GLOBAL	Gravity	150
1692	G2-PAVIM	GLOBAL	Gravity	3
1692	q1k-A	GLOBAL	Gravity	2,5
1692	q1k-B	GLOBAL	Gravity	9
1692	q1k-E	GLOBAL	Gravity	9
1729	_Q1k-A	GLOBAL	Gravity	100
1729	_Q1k-B	GLOBAL	Gravity	150
1729	G2-PAVIM	GLOBAL	Gravity	3
1729	q1k-A	GLOBAL	Gravity	2,5
1729	q1k-B	GLOBAL	Gravity	9
1729	q1k-E	GLOBAL	Gravity	9
1730	_Q1k-A	GLOBAL	Gravity	100
1730	_Q1k-B	GLOBAL	Gravity	150
1730	G2-PAVIM	GLOBAL	Gravity	3
1730	q1k-A	GLOBAL	Gravity	2,5
1730	q1k-B	GLOBAL	Gravity	9
1730	q1k-E	GLOBAL	Gravity	9
1767	G2-PAVIM	GLOBAL	Gravity	3
1767	q1k-A	GLOBAL	Gravity	2,5
1767	q1k-B	GLOBAL	Gravity	2,5
1767	_Q1k-E	GLOBAL	Gravity	150
1767	q1k-E	GLOBAL	Gravity	9
1768	G2-PAVIM	GLOBAL	Gravity	3
1768	q1k-A	GLOBAL	Gravity	2,5
1768	q1k-B	GLOBAL	Gravity	2,5
1768	_Q1k-E	GLOBAL	Gravity	150
1768	q1k-E	GLOBAL	Gravity	9
1805	G2-PAVIM	GLOBAL	Gravity	3
1805	q1k-A	GLOBAL	Gravity	2,5
1805	q1k-B	GLOBAL	Gravity	2,5

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**Table: Area Loads - Uniform**

Area	LoadPat	CoordSys	Dir	UnifLoad KN/m2
1805	_Q1k-E	GLOBAL	Gravity	150
1805	q1k-E	GLOBAL	Gravity	9
1806	G2-PAVIM	GLOBAL	Gravity	3
1806	q1k-A	GLOBAL	Gravity	2,5
1806	q1k-B	GLOBAL	Gravity	2,5
1806	_Q1k-E	GLOBAL	Gravity	150
1806	q1k-E	GLOBAL	Gravity	9
1843	G2-PAVIM	GLOBAL	Gravity	3
1843	q1k-A	GLOBAL	Gravity	2,5
1843	q1k-B	GLOBAL	Gravity	2,5
1843	_Q1k-E	GLOBAL	Gravity	150
1843	q1k-E	GLOBAL	Gravity	9
1844	G2-PAVIM	GLOBAL	Gravity	3
1844	q1k-A	GLOBAL	Gravity	2,5
1844	q1k-B	GLOBAL	Gravity	2,5
1844	_Q1k-E	GLOBAL	Gravity	150
1844	q1k-E	GLOBAL	Gravity	9
1881	G2-PAVIM	GLOBAL	Gravity	3
1881	q1k-A	GLOBAL	Gravity	2,5
1881	q1k-B	GLOBAL	Gravity	2,5
1881	_Q1k-E	GLOBAL	Gravity	150
1881	q1k-E	GLOBAL	Gravity	9
1882	G2-PAVIM	GLOBAL	Gravity	3
1882	q1k-A	GLOBAL	Gravity	2,5
1882	q1k-B	GLOBAL	Gravity	2,5
1882	_Q1k-E	GLOBAL	Gravity	150
1882	q1k-E	GLOBAL	Gravity	9
1919	_Q1k-A	GLOBAL	Gravity	100
1919	_Q1k-B	GLOBAL	Gravity	150
1919	G2-PAVIM	GLOBAL	Gravity	3
1919	q1k-A	GLOBAL	Gravity	2,5
1919	q1k-B	GLOBAL	Gravity	9
1919	q1k-E	GLOBAL	Gravity	9
1920	_Q1k-A	GLOBAL	Gravity	100
1920	_Q1k-B	GLOBAL	Gravity	150
1920	G2-PAVIM	GLOBAL	Gravity	3
1920	q1k-A	GLOBAL	Gravity	2,5
1920	q1k-B	GLOBAL	Gravity	9
1920	q1k-E	GLOBAL	Gravity	9
1957	_Q1k-A	GLOBAL	Gravity	100
1957	_Q1k-B	GLOBAL	Gravity	150
1957	G2-PAVIM	GLOBAL	Gravity	3
1957	q1k-A	GLOBAL	Gravity	2,5
1957	q1k-B	GLOBAL	Gravity	9
1957	q1k-E	GLOBAL	Gravity	9
1958	_Q1k-A	GLOBAL	Gravity	100
1958	_Q1k-B	GLOBAL	Gravity	150
1958	G2-PAVIM	GLOBAL	Gravity	3
1958	q1k-A	GLOBAL	Gravity	2,5
1958	q1k-B	GLOBAL	Gravity	9
1958	q1k-E	GLOBAL	Gravity	9
1995	_Q1k-A	GLOBAL	Gravity	100
1995	_Q1k-B	GLOBAL	Gravity	150

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**Table: Area Loads - Uniform**

Area	LoadPat	CoordSys	Dir	UnifLoad KN/m2
1995	G2-PAVIM	GLOBAL	Gravity	3
1995	q1k-A	GLOBAL	Gravity	2,5
1995	q1k-B	GLOBAL	Gravity	9
1995	q1k-E	GLOBAL	Gravity	9
1996	_Q1k-A	GLOBAL	Gravity	100
1996	_Q1k-B	GLOBAL	Gravity	150
1996	G2-PAVIM	GLOBAL	Gravity	3
1996	q1k-A	GLOBAL	Gravity	2,5
1996	q1k-B	GLOBAL	Gravity	9
1996	q1k-E	GLOBAL	Gravity	9
2033	G2-PAVIM	GLOBAL	Gravity	3
2033	q1k-A	GLOBAL	Gravity	2,5
2033	q1k-B	GLOBAL	Gravity	9
2033	_Q1k-E	GLOBAL	Gravity	150
2033	q1k-E	GLOBAL	Gravity	9
2034	G2-PAVIM	GLOBAL	Gravity	3
2034	q1k-A	GLOBAL	Gravity	2,5
2034	q1k-B	GLOBAL	Gravity	9
2034	_Q1k-E	GLOBAL	Gravity	150
2034	q1k-E	GLOBAL	Gravity	9
2071	_Q1k-D	GLOBAL	Gravity	150
2071	G2-PAVIM	GLOBAL	Gravity	3
2071	q1k-A	GLOBAL	Gravity	2,5
2071	q1k-B	GLOBAL	Gravity	9
2071	q1k-D	GLOBAL	Gravity	9
2071	_Q1k-E	GLOBAL	Gravity	150
2071	q1k-E	GLOBAL	Gravity	9
2072	_Q1k-D	GLOBAL	Gravity	150
2072	G2-PAVIM	GLOBAL	Gravity	3
2072	q1k-A	GLOBAL	Gravity	2,5
2072	q1k-B	GLOBAL	Gravity	9
2072	q1k-D	GLOBAL	Gravity	9
2072	_Q1k-E	GLOBAL	Gravity	150
2072	q1k-E	GLOBAL	Gravity	9
2109	_Q1k-A	GLOBAL	Gravity	100
2109	_Q1k-B	GLOBAL	Gravity	150
2109	_Q1k-D	GLOBAL	Gravity	150
2109	G2-PAVIM	GLOBAL	Gravity	3
2109	q1k-A	GLOBAL	Gravity	2,5
2109	q1k-B	GLOBAL	Gravity	9
2109	q1k-D	GLOBAL	Gravity	9
2109	_Q1k-E	GLOBAL	Gravity	100
2109	q1k-E	GLOBAL	Gravity	2,5
2110	_Q1k-A	GLOBAL	Gravity	100
2110	_Q1k-B	GLOBAL	Gravity	150
2110	_Q1k-D	GLOBAL	Gravity	150
2110	G2-PAVIM	GLOBAL	Gravity	3
2110	q1k-A	GLOBAL	Gravity	2,5
2110	q1k-B	GLOBAL	Gravity	9
2110	q1k-D	GLOBAL	Gravity	9
2110	_Q1k-E	GLOBAL	Gravity	100
2110	q1k-E	GLOBAL	Gravity	2,5
2147	_Q1k-A	GLOBAL	Gravity	100

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**Table: Area Loads - Uniform**

Area	LoadPat	CoordSys	Dir	UnifLoad KN/m2
2147	_Q1k-B	GLOBAL	Gravity	150
2147	_Q1k-C	GLOBAL	Gravity	150
2147	G2-PAVIM	GLOBAL	Gravity	3
2147	q1k-A	GLOBAL	Gravity	2,5
2147	q1k-B	GLOBAL	Gravity	9
2147	q1k-C	GLOBAL	Gravity	9
2147	q1k-D	GLOBAL	Gravity	9
2147	_Q1k-E	GLOBAL	Gravity	100
2147	q1k-E	GLOBAL	Gravity	2,5
2148	_Q1k-A	GLOBAL	Gravity	100
2148	_Q1k-B	GLOBAL	Gravity	150
2148	_Q1k-C	GLOBAL	Gravity	150
2148	G2-PAVIM	GLOBAL	Gravity	3
2148	q1k-A	GLOBAL	Gravity	2,5
2148	q1k-B	GLOBAL	Gravity	9
2148	q1k-C	GLOBAL	Gravity	9
2148	q1k-D	GLOBAL	Gravity	9
2148	_Q1k-E	GLOBAL	Gravity	100
2148	q1k-E	GLOBAL	Gravity	2,5
2185	_Q1k-A	GLOBAL	Gravity	150
2185	_Q1k-C	GLOBAL	Gravity	150
2185	G2-PAVIM	GLOBAL	Gravity	3
2185	q1k-A	GLOBAL	Gravity	9
2185	_Q1k-B	GLOBAL	Gravity	100
2185	q1k-B	GLOBAL	Gravity	2,5
2185	q1k-C	GLOBAL	Gravity	9
2185	q1k-D	GLOBAL	Gravity	9
2185	q1k-E	GLOBAL	Gravity	2,5
2186	_Q1k-A	GLOBAL	Gravity	150
2186	_Q1k-C	GLOBAL	Gravity	150
2186	G2-PAVIM	GLOBAL	Gravity	3
2186	q1k-A	GLOBAL	Gravity	9
2186	_Q1k-B	GLOBAL	Gravity	100
2186	q1k-B	GLOBAL	Gravity	2,5
2186	q1k-C	GLOBAL	Gravity	9
2186	q1k-D	GLOBAL	Gravity	9
2186	q1k-E	GLOBAL	Gravity	2,5
2223	_Q1k-A	GLOBAL	Gravity	150
2223	_Q1k-D	GLOBAL	Gravity	150
2223	G2-PAVIM	GLOBAL	Gravity	3
2223	q1k-A	GLOBAL	Gravity	9
2223	_Q1k-B	GLOBAL	Gravity	100
2223	q1k-B	GLOBAL	Gravity	2,5
2223	q1k-C	GLOBAL	Gravity	9
2223	q1k-D	GLOBAL	Gravity	9
2223	q1k-E	GLOBAL	Gravity	2,5
2224	_Q1k-A	GLOBAL	Gravity	150
2224	_Q1k-D	GLOBAL	Gravity	150
2224	G2-PAVIM	GLOBAL	Gravity	3
2224	q1k-A	GLOBAL	Gravity	9
2224	_Q1k-B	GLOBAL	Gravity	100
2224	q1k-B	GLOBAL	Gravity	2,5
2224	q1k-C	GLOBAL	Gravity	9

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**Table: Area Loads - Uniform**

Area	LoadPat	CoordSys	Dir	UnifLoad KN/m2
2224	q1k-D	GLOBAL	Gravity	9
2224	q1k-E	GLOBAL	Gravity	2,5
2261	_Q1k-D	GLOBAL	Gravity	150
2261	G2-PAVIM	GLOBAL	Gravity	3
2261	q1k-A	GLOBAL	Gravity	9
2261	q1k-B	GLOBAL	Gravity	2,5
2261	q1k-C	GLOBAL	Gravity	9
2261	q1k-D	GLOBAL	Gravity	9
2261	_Q1k-E	GLOBAL	Gravity	100
2261	q1k-E	GLOBAL	Gravity	2,5
2262	_Q1k-D	GLOBAL	Gravity	150
2262	G2-PAVIM	GLOBAL	Gravity	3
2262	q1k-A	GLOBAL	Gravity	9
2262	q1k-B	GLOBAL	Gravity	2,5
2262	q1k-C	GLOBAL	Gravity	9
2262	q1k-D	GLOBAL	Gravity	9
2262	_Q1k-E	GLOBAL	Gravity	100
2262	q1k-E	GLOBAL	Gravity	2,5
2299	_Q1k-C	GLOBAL	Gravity	150
2299	G2-PAVIM	GLOBAL	Gravity	3
2299	q1k-A	GLOBAL	Gravity	9
2299	q1k-B	GLOBAL	Gravity	2,5
2299	q1k-C	GLOBAL	Gravity	9
2299	_Q1k-E	GLOBAL	Gravity	100
2299	q1k-E	GLOBAL	Gravity	2,5
2300	_Q1k-C	GLOBAL	Gravity	150
2300	G2-PAVIM	GLOBAL	Gravity	3
2300	q1k-A	GLOBAL	Gravity	9
2300	q1k-B	GLOBAL	Gravity	2,5
2300	q1k-C	GLOBAL	Gravity	9
2300	_Q1k-E	GLOBAL	Gravity	100
2300	q1k-E	GLOBAL	Gravity	2,5
2337	_Q1k-A	GLOBAL	Gravity	150
2337	_Q1k-C	GLOBAL	Gravity	150
2337	G2-PAVIM	GLOBAL	Gravity	3
2337	q1k-A	GLOBAL	Gravity	9
2337	_Q1k-B	GLOBAL	Gravity	100
2337	q1k-B	GLOBAL	Gravity	2,5
2337	q1k-C	GLOBAL	Gravity	9
2337	q1k-E	GLOBAL	Gravity	2,5
2338	_Q1k-A	GLOBAL	Gravity	150
2338	_Q1k-C	GLOBAL	Gravity	150
2338	G2-PAVIM	GLOBAL	Gravity	3
2338	q1k-A	GLOBAL	Gravity	9
2338	_Q1k-B	GLOBAL	Gravity	100
2338	q1k-B	GLOBAL	Gravity	2,5
2338	q1k-C	GLOBAL	Gravity	9
2338	q1k-E	GLOBAL	Gravity	2,5
2375	_Q1k-A	GLOBAL	Gravity	150
2375	_Q1k-C	GLOBAL	Gravity	150
2375	G2-PAVIM	GLOBAL	Gravity	3
2375	q1k-A	GLOBAL	Gravity	9
2375	_Q1k-B	GLOBAL	Gravity	100



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**Table: Area Loads - Uniform**

Area	LoadPat	CoordSys	Dir	UnifLoad KN/m2
2375	q1k-B	GLOBAL	Gravity	2,5
2375	q1k-C	GLOBAL	Gravity	9
2375	q1k-E	GLOBAL	Gravity	2,5
2376	_Q1k-A	GLOBAL	Gravity	150
2376	_Q1k-C	GLOBAL	Gravity	150
2376	G2-PAVIM	GLOBAL	Gravity	3
2376	q1k-A	GLOBAL	Gravity	9
2376	_Q1k-B	GLOBAL	Gravity	100
2376	q1k-B	GLOBAL	Gravity	2,5
2376	q1k-C	GLOBAL	Gravity	9
2376	q1k-E	GLOBAL	Gravity	2,5
2413	_Q1k-A	GLOBAL	Gravity	150
2413	G2-PAVIM	GLOBAL	Gravity	3
2413	q1k-A	GLOBAL	Gravity	9
2413	_Q1k-B	GLOBAL	Gravity	100
2413	q1k-B	GLOBAL	Gravity	2,5
2413	q1k-E	GLOBAL	Gravity	2,5
2414	_Q1k-A	GLOBAL	Gravity	150
2414	G2-PAVIM	GLOBAL	Gravity	3
2414	q1k-A	GLOBAL	Gravity	9
2414	_Q1k-B	GLOBAL	Gravity	100
2414	q1k-B	GLOBAL	Gravity	2,5
2414	q1k-E	GLOBAL	Gravity	2,5
200	Q5-FOLLA	GLOBAL	Gravity	5
201	Q5-FOLLA	GLOBAL	Gravity	5
408	Q5-FOLLA	GLOBAL	Gravity	5
2434	Q5-FOLLA	GLOBAL	Gravity	5
2435	Q5-FOLLA	GLOBAL	Gravity	5
2436	Q5-FOLLA	GLOBAL	Gravity	5
2437	Q5-FOLLA	GLOBAL	Gravity	5
2438	Q5-FOLLA	GLOBAL	Gravity	5
2439	Q5-FOLLA	GLOBAL	Gravity	5
2440	Q5-FOLLA	GLOBAL	Gravity	5
2441	Q5-FOLLA	GLOBAL	Gravity	5
2442	Q5-FOLLA	GLOBAL	Gravity	5
2461	Q5-FOLLA	GLOBAL	Gravity	5
2462	Q5-FOLLA	GLOBAL	Gravity	5
2463	Q5-FOLLA	GLOBAL	Gravity	5
2464	Q5-FOLLA	GLOBAL	Gravity	5
2465	Q5-FOLLA	GLOBAL	Gravity	5
2466	Q5-FOLLA	GLOBAL	Gravity	5
2467	Q5-FOLLA	GLOBAL	Gravity	5
2468	Q5-FOLLA	GLOBAL	Gravity	5
2469	Q5-FOLLA	GLOBAL	Gravity	5
2470	Q5-FOLLA	GLOBAL	Gravity	5
2471	Q5-FOLLA	GLOBAL	Gravity	5
2472	Q5-FOLLA	GLOBAL	Gravity	5
2479	G2-PAVIM	GLOBAL	Gravity	3
2479	q1k-A	GLOBAL	Gravity	9
2479	q1k-B	GLOBAL	Gravity	2,5
2479	q1k-E	GLOBAL	Gravity	2,5
2480	_Q1k-A	GLOBAL	Gravity	150
2480	G2-PAVIM	GLOBAL	Gravity	3

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**Table: Area Loads - Uniform**

Area	LoadPat	CoordSys	Dir	UnifLoad KN/m2
2480	q1k-A	GLOBAL	Gravity	9
2480	_Q1k-B	GLOBAL	Gravity	100
2480	q1k-B	GLOBAL	Gravity	2,5
2480	q1k-E	GLOBAL	Gravity	2,5
2481	_Q1k-A	GLOBAL	Gravity	150
2481	G2-PAVIM	GLOBAL	Gravity	3
2481	q1k-A	GLOBAL	Gravity	9
2481	_Q1k-B	GLOBAL	Gravity	100
2481	q1k-B	GLOBAL	Gravity	2,5
2481	q1k-E	GLOBAL	Gravity	2,5
2482	_Q1k-A	GLOBAL	Gravity	150
2482	G2-PAVIM	GLOBAL	Gravity	3
2482	q1k-A	GLOBAL	Gravity	9
2482	_Q1k-B	GLOBAL	Gravity	100
2482	q1k-B	GLOBAL	Gravity	2,5
2482	q1k-E	GLOBAL	Gravity	2,5
2483	_Q1k-A	GLOBAL	Gravity	150
2483	G2-PAVIM	GLOBAL	Gravity	3
2483	q1k-A	GLOBAL	Gravity	9
2483	_Q1k-B	GLOBAL	Gravity	100
2483	q1k-B	GLOBAL	Gravity	2,5
2483	q1k-E	GLOBAL	Gravity	2,5
2484	G2-PAVIM	GLOBAL	Gravity	3
2484	q1k-A	GLOBAL	Gravity	9
2484	q1k-B	GLOBAL	Gravity	2,5
2484	q1k-E	GLOBAL	Gravity	2,5
2485	G2-PAVIM	GLOBAL	Gravity	3
2485	q1k-A	GLOBAL	Gravity	9
2485	q1k-B	GLOBAL	Gravity	2,5
2485	q1k-E	GLOBAL	Gravity	2,5
2486	_Q1k-A	GLOBAL	Gravity	150
2486	G2-PAVIM	GLOBAL	Gravity	3
2486	q1k-A	GLOBAL	Gravity	9
2486	_Q1k-B	GLOBAL	Gravity	100
2486	q1k-B	GLOBAL	Gravity	2,5
2486	q1k-E	GLOBAL	Gravity	2,5
2487	_Q1k-A	GLOBAL	Gravity	150
2487	G2-PAVIM	GLOBAL	Gravity	3
2487	q1k-A	GLOBAL	Gravity	9
2487	_Q1k-B	GLOBAL	Gravity	100
2487	q1k-B	GLOBAL	Gravity	2,5
2487	q1k-E	GLOBAL	Gravity	2,5
2488	_Q1k-A	GLOBAL	Gravity	150
2488	G2-PAVIM	GLOBAL	Gravity	3
2488	q1k-A	GLOBAL	Gravity	9
2488	_Q1k-B	GLOBAL	Gravity	100
2488	q1k-B	GLOBAL	Gravity	2,5
2488	q1k-E	GLOBAL	Gravity	2,5
2489	_Q1k-A	GLOBAL	Gravity	150
2489	G2-PAVIM	GLOBAL	Gravity	3
2489	q1k-A	GLOBAL	Gravity	9
2489	_Q1k-B	GLOBAL	Gravity	100
2489	q1k-B	GLOBAL	Gravity	2,5

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**Table: Area Loads - Uniform**

Area	LoadPat	CoordSys	Dir	UnifLoad KN/m2
2489	q1k-E	GLOBAL	Gravity	2,5
2490	G2-PAVIM	GLOBAL	Gravity	3
2490	q1k-A	GLOBAL	Gravity	9
2490	q1k-B	GLOBAL	Gravity	2,5
2490	q1k-E	GLOBAL	Gravity	2,5
2491	G2-PAVIM	GLOBAL	Gravity	3
2491	q1k-A	GLOBAL	Gravity	9
2491	q1k-B	GLOBAL	Gravity	2,5
2491	q1k-E	GLOBAL	Gravity	2,5
2492	_Q1k-A	GLOBAL	Gravity	150
2492	G2-PAVIM	GLOBAL	Gravity	3
2492	q1k-A	GLOBAL	Gravity	9
2492	_Q1k-B	GLOBAL	Gravity	100
2492	q1k-B	GLOBAL	Gravity	2,5
2492	q1k-E	GLOBAL	Gravity	2,5
2493	_Q1k-A	GLOBAL	Gravity	150
2493	G2-PAVIM	GLOBAL	Gravity	3
2493	q1k-A	GLOBAL	Gravity	9
2493	_Q1k-B	GLOBAL	Gravity	100
2493	q1k-B	GLOBAL	Gravity	2,5
2493	q1k-E	GLOBAL	Gravity	2,5
2494	_Q1k-A	GLOBAL	Gravity	150
2494	G2-PAVIM	GLOBAL	Gravity	3
2494	q1k-A	GLOBAL	Gravity	9
2494	_Q1k-B	GLOBAL	Gravity	100
2494	q1k-B	GLOBAL	Gravity	2,5
2494	q1k-E	GLOBAL	Gravity	2,5
2495	_Q1k-A	GLOBAL	Gravity	150
2495	G2-PAVIM	GLOBAL	Gravity	3
2495	q1k-A	GLOBAL	Gravity	9
2495	_Q1k-B	GLOBAL	Gravity	100
2495	q1k-B	GLOBAL	Gravity	2,5
2495	q1k-E	GLOBAL	Gravity	2,5
2496	G2-PAVIM	GLOBAL	Gravity	3
2496	q1k-A	GLOBAL	Gravity	9
2496	q1k-B	GLOBAL	Gravity	2,5
2496	q1k-E	GLOBAL	Gravity	2,5
2497	G2-PAVIM	GLOBAL	Gravity	3
2497	q1k-A	GLOBAL	Gravity	9
2497	q1k-B	GLOBAL	Gravity	2,5
2497	q1k-E	GLOBAL	Gravity	2,5
2498	G2-PAVIM	GLOBAL	Gravity	3
2498	q1k-A	GLOBAL	Gravity	9
2498	q1k-B	GLOBAL	Gravity	2,5
2498	_Q1k-E	GLOBAL	Gravity	100
2498	q1k-E	GLOBAL	Gravity	2,5
2499	G2-PAVIM	GLOBAL	Gravity	3
2499	q1k-A	GLOBAL	Gravity	9
2499	q1k-B	GLOBAL	Gravity	2,5
2499	_Q1k-E	GLOBAL	Gravity	100
2499	q1k-E	GLOBAL	Gravity	2,5
2500	G2-PAVIM	GLOBAL	Gravity	3
2500	q1k-A	GLOBAL	Gravity	9

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**Table: Area Loads - Uniform**

Area	LoadPat	CoordSys	Dir	UnifLoad KN/m2
2500	q1k-B	GLOBAL	Gravity	2,5
2500	_Q1k-E	GLOBAL	Gravity	100
2500	q1k-E	GLOBAL	Gravity	2,5
2501	G2-PAVIM	GLOBAL	Gravity	3
2501	q1k-A	GLOBAL	Gravity	9
2501	q1k-B	GLOBAL	Gravity	2,5
2501	_Q1k-E	GLOBAL	Gravity	100
2501	q1k-E	GLOBAL	Gravity	2,5
2502	G2-PAVIM	GLOBAL	Gravity	3
2502	q1k-A	GLOBAL	Gravity	9
2502	q1k-B	GLOBAL	Gravity	2,5
2502	q1k-E	GLOBAL	Gravity	2,5
2503	G2-PAVIM	GLOBAL	Gravity	3
2503	q1k-A	GLOBAL	Gravity	9
2503	q1k-B	GLOBAL	Gravity	2,5
2503	q1k-E	GLOBAL	Gravity	2,5
2504	G2-PAVIM	GLOBAL	Gravity	3
2504	q1k-A	GLOBAL	Gravity	9
2504	q1k-B	GLOBAL	Gravity	2,5
2504	_Q1k-E	GLOBAL	Gravity	100
2504	q1k-E	GLOBAL	Gravity	2,5
2505	G2-PAVIM	GLOBAL	Gravity	3
2505	q1k-A	GLOBAL	Gravity	9
2505	q1k-B	GLOBAL	Gravity	2,5
2505	_Q1k-E	GLOBAL	Gravity	100
2505	q1k-E	GLOBAL	Gravity	2,5
2506	G2-PAVIM	GLOBAL	Gravity	3
2506	q1k-A	GLOBAL	Gravity	9
2506	q1k-B	GLOBAL	Gravity	2,5
2506	_Q1k-E	GLOBAL	Gravity	100
2506	q1k-E	GLOBAL	Gravity	2,5
2507	G2-PAVIM	GLOBAL	Gravity	3
2507	q1k-A	GLOBAL	Gravity	9
2507	q1k-B	GLOBAL	Gravity	2,5
2507	_Q1k-E	GLOBAL	Gravity	100
2507	q1k-E	GLOBAL	Gravity	2,5
2508	G2-PAVIM	GLOBAL	Gravity	3
2508	q1k-A	GLOBAL	Gravity	9
2508	q1k-B	GLOBAL	Gravity	2,5
2508	q1k-E	GLOBAL	Gravity	2,5
2509	G2-PAVIM	GLOBAL	Gravity	3
2509	q1k-A	GLOBAL	Gravity	9
2509	q1k-B	GLOBAL	Gravity	2,5
2509	q1k-E	GLOBAL	Gravity	2,5
2510	_Q1k-A	GLOBAL	Gravity	150
2510	G2-PAVIM	GLOBAL	Gravity	3
2510	q1k-A	GLOBAL	Gravity	9
2510	_Q1k-B	GLOBAL	Gravity	100
2510	q1k-B	GLOBAL	Gravity	2,5
2510	q1k-E	GLOBAL	Gravity	2,5
2511	_Q1k-A	GLOBAL	Gravity	150
2511	G2-PAVIM	GLOBAL	Gravity	3
2511	q1k-A	GLOBAL	Gravity	9

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**Table: Area Loads - Uniform**

Area	LoadPat	CoordSys	Dir	UnifLoad KN/m2
2511	_Q1k-B	GLOBAL	Gravity	100
2511	q1k-B	GLOBAL	Gravity	2,5
2511	q1k-E	GLOBAL	Gravity	2,5
2512	_Q1k-A	GLOBAL	Gravity	150
2512	G2-PAVIM	GLOBAL	Gravity	3
2512	q1k-A	GLOBAL	Gravity	9
2512	_Q1k-B	GLOBAL	Gravity	100
2512	q1k-B	GLOBAL	Gravity	2,5
2512	q1k-E	GLOBAL	Gravity	2,5
2513	_Q1k-A	GLOBAL	Gravity	150
2513	G2-PAVIM	GLOBAL	Gravity	3
2513	q1k-A	GLOBAL	Gravity	9
2513	_Q1k-B	GLOBAL	Gravity	100
2513	q1k-B	GLOBAL	Gravity	2,5
2513	q1k-E	GLOBAL	Gravity	2,5
2514	G2-PAVIM	GLOBAL	Gravity	3
2514	q1k-A	GLOBAL	Gravity	9
2514	q1k-B	GLOBAL	Gravity	2,5
2514	q1k-E	GLOBAL	Gravity	2,5
2515	G2-PAVIM	GLOBAL	Gravity	3
2515	q1k-A	GLOBAL	Gravity	9
2515	q1k-B	GLOBAL	Gravity	2,5
2515	q1k-E	GLOBAL	Gravity	2,5
2516	_Q1k-A	GLOBAL	Gravity	150
2516	G2-PAVIM	GLOBAL	Gravity	3
2516	q1k-A	GLOBAL	Gravity	9
2516	_Q1k-B	GLOBAL	Gravity	100
2516	q1k-B	GLOBAL	Gravity	2,5
2516	q1k-E	GLOBAL	Gravity	2,5
2517	_Q1k-A	GLOBAL	Gravity	150
2517	G2-PAVIM	GLOBAL	Gravity	3
2517	q1k-A	GLOBAL	Gravity	9
2517	_Q1k-B	GLOBAL	Gravity	100
2517	q1k-B	GLOBAL	Gravity	2,5
2517	q1k-E	GLOBAL	Gravity	2,5
2518	_Q1k-A	GLOBAL	Gravity	150
2518	G2-PAVIM	GLOBAL	Gravity	3
2518	q1k-A	GLOBAL	Gravity	9
2518	_Q1k-B	GLOBAL	Gravity	100
2518	q1k-B	GLOBAL	Gravity	2,5
2518	q1k-E	GLOBAL	Gravity	2,5
2519	_Q1k-A	GLOBAL	Gravity	150
2519	G2-PAVIM	GLOBAL	Gravity	3
2519	q1k-A	GLOBAL	Gravity	9
2519	_Q1k-B	GLOBAL	Gravity	100
2519	q1k-B	GLOBAL	Gravity	2,5
2519	q1k-E	GLOBAL	Gravity	2,5
2520	G2-PAVIM	GLOBAL	Gravity	3
2520	q1k-A	GLOBAL	Gravity	9
2520	q1k-B	GLOBAL	Gravity	2,5
2520	q1k-E	GLOBAL	Gravity	2,5
2521	G2-PAVIM	GLOBAL	Gravity	3
2521	q1k-A	GLOBAL	Gravity	2,5

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**Table: Area Loads - Uniform**

Area	LoadPat	CoordSys	Dir	UnifLoad KN/m2
2521	q1k-B	GLOBAL	Gravity	9
2521	q1k-E	GLOBAL	Gravity	2,5
2522	_Q1k-A	GLOBAL	Gravity	100
2522	_Q1k-B	GLOBAL	Gravity	150
2522	G2-PAVIM	GLOBAL	Gravity	3
2522	q1k-A	GLOBAL	Gravity	2,5
2522	q1k-B	GLOBAL	Gravity	9
2522	_Q1k-E	GLOBAL	Gravity	100
2522	q1k-E	GLOBAL	Gravity	2,5
2523	_Q1k-A	GLOBAL	Gravity	100
2523	_Q1k-B	GLOBAL	Gravity	150
2523	G2-PAVIM	GLOBAL	Gravity	3
2523	q1k-A	GLOBAL	Gravity	2,5
2523	q1k-B	GLOBAL	Gravity	9
2523	_Q1k-E	GLOBAL	Gravity	100
2523	q1k-E	GLOBAL	Gravity	2,5
2524	_Q1k-A	GLOBAL	Gravity	100
2524	_Q1k-B	GLOBAL	Gravity	150
2524	G2-PAVIM	GLOBAL	Gravity	3
2524	q1k-A	GLOBAL	Gravity	2,5
2524	q1k-B	GLOBAL	Gravity	9
2524	_Q1k-E	GLOBAL	Gravity	100
2524	q1k-E	GLOBAL	Gravity	2,5
2525	_Q1k-A	GLOBAL	Gravity	100
2525	_Q1k-B	GLOBAL	Gravity	150
2525	G2-PAVIM	GLOBAL	Gravity	3
2525	q1k-A	GLOBAL	Gravity	2,5
2525	q1k-B	GLOBAL	Gravity	9
2525	_Q1k-E	GLOBAL	Gravity	100
2525	q1k-E	GLOBAL	Gravity	2,5
2526	G2-PAVIM	GLOBAL	Gravity	3
2526	q1k-A	GLOBAL	Gravity	2,5
2526	q1k-B	GLOBAL	Gravity	9
2526	q1k-E	GLOBAL	Gravity	2,5
2527	G2-PAVIM	GLOBAL	Gravity	3
2527	q1k-A	GLOBAL	Gravity	2,5
2527	q1k-B	GLOBAL	Gravity	9
2527	q1k-E	GLOBAL	Gravity	2,5
2528	_Q1k-A	GLOBAL	Gravity	100
2528	_Q1k-B	GLOBAL	Gravity	150
2528	G2-PAVIM	GLOBAL	Gravity	3
2528	q1k-A	GLOBAL	Gravity	2,5
2528	q1k-B	GLOBAL	Gravity	9
2528	_Q1k-E	GLOBAL	Gravity	100
2528	q1k-E	GLOBAL	Gravity	2,5
2529	_Q1k-A	GLOBAL	Gravity	100
2529	_Q1k-B	GLOBAL	Gravity	150
2529	G2-PAVIM	GLOBAL	Gravity	3
2529	q1k-A	GLOBAL	Gravity	2,5
2529	q1k-B	GLOBAL	Gravity	9
2529	_Q1k-E	GLOBAL	Gravity	100
2529	q1k-E	GLOBAL	Gravity	2,5
2530	_Q1k-A	GLOBAL	Gravity	100

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**Table: Area Loads - Uniform**

Area	LoadPat	CoordSys	Dir	UnifLoad KN/m2
2530	_Q1k-B	GLOBAL	Gravity	150
2530	G2-PAVIM	GLOBAL	Gravity	3
2530	q1k-A	GLOBAL	Gravity	2,5
2530	q1k-B	GLOBAL	Gravity	9
2530	_Q1k-E	GLOBAL	Gravity	100
2530	q1k-E	GLOBAL	Gravity	2,5
2531	_Q1k-A	GLOBAL	Gravity	100
2531	_Q1k-B	GLOBAL	Gravity	150
2531	G2-PAVIM	GLOBAL	Gravity	3
2531	q1k-A	GLOBAL	Gravity	2,5
2531	q1k-B	GLOBAL	Gravity	9
2531	_Q1k-E	GLOBAL	Gravity	100
2531	q1k-E	GLOBAL	Gravity	2,5
2532	G2-PAVIM	GLOBAL	Gravity	3
2532	q1k-A	GLOBAL	Gravity	2,5
2532	q1k-B	GLOBAL	Gravity	9
2532	q1k-E	GLOBAL	Gravity	2,5
2533	G2-PAVIM	GLOBAL	Gravity	3
2533	q1k-A	GLOBAL	Gravity	2,5
2533	q1k-B	GLOBAL	Gravity	9
2533	q1k-E	GLOBAL	Gravity	9
2534	G2-PAVIM	GLOBAL	Gravity	3
2534	q1k-A	GLOBAL	Gravity	2,5
2534	q1k-B	GLOBAL	Gravity	9
2534	_Q1k-E	GLOBAL	Gravity	150
2534	q1k-E	GLOBAL	Gravity	9
2535	G2-PAVIM	GLOBAL	Gravity	3
2535	q1k-A	GLOBAL	Gravity	2,5
2535	q1k-B	GLOBAL	Gravity	9
2535	_Q1k-E	GLOBAL	Gravity	150
2535	q1k-E	GLOBAL	Gravity	9
2536	G2-PAVIM	GLOBAL	Gravity	3
2536	q1k-A	GLOBAL	Gravity	2,5
2536	q1k-B	GLOBAL	Gravity	9
2536	_Q1k-E	GLOBAL	Gravity	150
2536	q1k-E	GLOBAL	Gravity	9
2537	G2-PAVIM	GLOBAL	Gravity	3
2537	q1k-A	GLOBAL	Gravity	2,5
2537	q1k-B	GLOBAL	Gravity	9
2537	_Q1k-E	GLOBAL	Gravity	150
2537	q1k-E	GLOBAL	Gravity	9
2538	G2-PAVIM	GLOBAL	Gravity	3
2538	q1k-A	GLOBAL	Gravity	2,5
2538	q1k-B	GLOBAL	Gravity	9
2538	q1k-E	GLOBAL	Gravity	9
2539	G2-PAVIM	GLOBAL	Gravity	3
2539	q1k-A	GLOBAL	Gravity	2,5
2539	q1k-B	GLOBAL	Gravity	9
2539	q1k-E	GLOBAL	Gravity	9
2540	G2-PAVIM	GLOBAL	Gravity	3
2540	q1k-A	GLOBAL	Gravity	2,5
2540	q1k-B	GLOBAL	Gravity	9
2540	_Q1k-E	GLOBAL	Gravity	150

AUTOSTRADA VALDASTICO A31 NORD  
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**Table: Area Loads - Uniform**

Area	LoadPat	CoordSys	Dir	UnifLoad KN/m2
2540	q1k-E	GLOBAL	Gravity	9
2541	G2-PAVIM	GLOBAL	Gravity	3
2541	q1k-A	GLOBAL	Gravity	2,5
2541	q1k-B	GLOBAL	Gravity	9
2541	_Q1k-E	GLOBAL	Gravity	150
2541	q1k-E	GLOBAL	Gravity	9
2542	G2-PAVIM	GLOBAL	Gravity	3
2542	q1k-A	GLOBAL	Gravity	2,5
2542	q1k-B	GLOBAL	Gravity	9
2542	_Q1k-E	GLOBAL	Gravity	150
2542	q1k-E	GLOBAL	Gravity	9
2543	G2-PAVIM	GLOBAL	Gravity	3
2543	q1k-A	GLOBAL	Gravity	2,5
2543	q1k-B	GLOBAL	Gravity	9
2543	_Q1k-E	GLOBAL	Gravity	150
2543	q1k-E	GLOBAL	Gravity	9
2544	G2-PAVIM	GLOBAL	Gravity	3
2544	q1k-A	GLOBAL	Gravity	2,5
2544	q1k-B	GLOBAL	Gravity	9
2544	q1k-E	GLOBAL	Gravity	9
2545	G2-PAVIM	GLOBAL	Gravity	3
2545	q1k-A	GLOBAL	Gravity	2,5
2545	q1k-B	GLOBAL	Gravity	9
2545	q1k-E	GLOBAL	Gravity	9
2546	_Q1k-A	GLOBAL	Gravity	100
2546	_Q1k-B	GLOBAL	Gravity	150
2546	G2-PAVIM	GLOBAL	Gravity	3
2546	q1k-A	GLOBAL	Gravity	2,5
2546	q1k-B	GLOBAL	Gravity	9
2546	q1k-E	GLOBAL	Gravity	9
2547	_Q1k-A	GLOBAL	Gravity	100
2547	_Q1k-B	GLOBAL	Gravity	150
2547	G2-PAVIM	GLOBAL	Gravity	3
2547	q1k-A	GLOBAL	Gravity	2,5
2547	q1k-B	GLOBAL	Gravity	9
2547	q1k-E	GLOBAL	Gravity	9
2548	_Q1k-A	GLOBAL	Gravity	100
2548	_Q1k-B	GLOBAL	Gravity	150
2548	G2-PAVIM	GLOBAL	Gravity	3
2548	q1k-A	GLOBAL	Gravity	2,5
2548	q1k-B	GLOBAL	Gravity	9
2548	q1k-E	GLOBAL	Gravity	9
2549	_Q1k-A	GLOBAL	Gravity	100
2549	_Q1k-B	GLOBAL	Gravity	150
2549	G2-PAVIM	GLOBAL	Gravity	3
2549	q1k-A	GLOBAL	Gravity	2,5
2549	q1k-B	GLOBAL	Gravity	9
2549	q1k-E	GLOBAL	Gravity	9
2550	G2-PAVIM	GLOBAL	Gravity	3
2550	q1k-A	GLOBAL	Gravity	2,5
2550	q1k-B	GLOBAL	Gravity	9
2550	q1k-E	GLOBAL	Gravity	9
2551	G2-PAVIM	GLOBAL	Gravity	3



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**Table: Area Loads - Uniform**

Area	LoadPat	CoordSys	Dir	UnifLoad KN/m2
2551	q1k-A	GLOBAL	Gravity	2,5
2551	q1k-B	GLOBAL	Gravity	9
2551	q1k-E	GLOBAL	Gravity	9
2552	_Q1k-A	GLOBAL	Gravity	100
2552	_Q1k-B	GLOBAL	Gravity	150
2552	G2-PAVIM	GLOBAL	Gravity	3
2552	q1k-A	GLOBAL	Gravity	2,5
2552	q1k-B	GLOBAL	Gravity	9
2552	q1k-E	GLOBAL	Gravity	9
2553	_Q1k-A	GLOBAL	Gravity	100
2553	_Q1k-B	GLOBAL	Gravity	150
2553	G2-PAVIM	GLOBAL	Gravity	3
2553	q1k-A	GLOBAL	Gravity	2,5
2553	q1k-B	GLOBAL	Gravity	9
2553	q1k-E	GLOBAL	Gravity	9
2554	_Q1k-A	GLOBAL	Gravity	100
2554	_Q1k-B	GLOBAL	Gravity	150
2554	G2-PAVIM	GLOBAL	Gravity	3
2554	q1k-A	GLOBAL	Gravity	2,5
2554	q1k-B	GLOBAL	Gravity	9
2554	q1k-E	GLOBAL	Gravity	9
2555	_Q1k-A	GLOBAL	Gravity	100
2555	_Q1k-B	GLOBAL	Gravity	150
2555	G2-PAVIM	GLOBAL	Gravity	3
2555	q1k-A	GLOBAL	Gravity	2,5
2555	q1k-B	GLOBAL	Gravity	9
2555	q1k-E	GLOBAL	Gravity	9
2556	G2-PAVIM	GLOBAL	Gravity	3
2556	q1k-A	GLOBAL	Gravity	2,5
2556	q1k-B	GLOBAL	Gravity	9
2556	q1k-E	GLOBAL	Gravity	9
2557	G2-PAVIM	GLOBAL	Gravity	3
2557	q1k-A	GLOBAL	Gravity	2,5
2557	q1k-B	GLOBAL	Gravity	9
2557	q1k-E	GLOBAL	Gravity	9
2558	_Q1k-A	GLOBAL	Gravity	100
2558	_Q1k-B	GLOBAL	Gravity	150
2558	G2-PAVIM	GLOBAL	Gravity	3
2558	q1k-A	GLOBAL	Gravity	2,5
2558	q1k-B	GLOBAL	Gravity	9
2558	q1k-E	GLOBAL	Gravity	9
2559	_Q1k-A	GLOBAL	Gravity	100
2559	_Q1k-B	GLOBAL	Gravity	150
2559	G2-PAVIM	GLOBAL	Gravity	3
2559	q1k-A	GLOBAL	Gravity	2,5
2559	q1k-B	GLOBAL	Gravity	9
2559	q1k-E	GLOBAL	Gravity	9
2560	_Q1k-A	GLOBAL	Gravity	100
2560	_Q1k-B	GLOBAL	Gravity	150
2560	G2-PAVIM	GLOBAL	Gravity	3
2560	q1k-A	GLOBAL	Gravity	2,5
2560	q1k-B	GLOBAL	Gravity	9
2560	q1k-E	GLOBAL	Gravity	9

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**Table: Area Loads - Uniform**

Area	LoadPat	CoordSys	Dir	UnifLoad KN/m2
2561	_Q1k-A	GLOBAL	Gravity	100
2561	_Q1k-B	GLOBAL	Gravity	150
2561	G2-PAVIM	GLOBAL	Gravity	3
2561	q1k-A	GLOBAL	Gravity	2,5
2561	q1k-B	GLOBAL	Gravity	9
2561	q1k-E	GLOBAL	Gravity	9
2562	G2-PAVIM	GLOBAL	Gravity	3
2562	q1k-A	GLOBAL	Gravity	2,5
2562	q1k-B	GLOBAL	Gravity	9
2562	q1k-E	GLOBAL	Gravity	9
2563	G2-PAVIM	GLOBAL	Gravity	3
2563	q1k-A	GLOBAL	Gravity	2,5
2563	q1k-B	GLOBAL	Gravity	2,5
2563	q1k-E	GLOBAL	Gravity	9
2564	G2-PAVIM	GLOBAL	Gravity	3
2564	q1k-A	GLOBAL	Gravity	2,5
2564	q1k-B	GLOBAL	Gravity	2,5
2564	_Q1k-E	GLOBAL	Gravity	150
2564	q1k-E	GLOBAL	Gravity	9
2565	G2-PAVIM	GLOBAL	Gravity	3
2565	q1k-A	GLOBAL	Gravity	2,5
2565	q1k-B	GLOBAL	Gravity	2,5
2565	_Q1k-E	GLOBAL	Gravity	150
2565	q1k-E	GLOBAL	Gravity	9
2566	G2-PAVIM	GLOBAL	Gravity	3
2566	q1k-A	GLOBAL	Gravity	2,5
2566	q1k-B	GLOBAL	Gravity	2,5
2566	_Q1k-E	GLOBAL	Gravity	150
2566	q1k-E	GLOBAL	Gravity	9
2567	G2-PAVIM	GLOBAL	Gravity	3
2567	q1k-A	GLOBAL	Gravity	2,5
2567	q1k-B	GLOBAL	Gravity	2,5
2567	_Q1k-E	GLOBAL	Gravity	150
2567	q1k-E	GLOBAL	Gravity	9
2568	G2-PAVIM	GLOBAL	Gravity	3
2568	q1k-A	GLOBAL	Gravity	2,5
2568	q1k-B	GLOBAL	Gravity	2,5
2568	q1k-E	GLOBAL	Gravity	9
2569	G2-PAVIM	GLOBAL	Gravity	3
2569	q1k-A	GLOBAL	Gravity	2,5
2569	q1k-B	GLOBAL	Gravity	2,5
2569	q1k-E	GLOBAL	Gravity	9
2570	G2-PAVIM	GLOBAL	Gravity	3
2570	q1k-A	GLOBAL	Gravity	2,5
2570	q1k-B	GLOBAL	Gravity	2,5
2570	_Q1k-E	GLOBAL	Gravity	150
2570	q1k-E	GLOBAL	Gravity	9
2571	G2-PAVIM	GLOBAL	Gravity	3
2571	q1k-A	GLOBAL	Gravity	2,5
2571	q1k-B	GLOBAL	Gravity	2,5
2571	_Q1k-E	GLOBAL	Gravity	150
2571	q1k-E	GLOBAL	Gravity	9
2572	G2-PAVIM	GLOBAL	Gravity	3

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**Table: Area Loads - Uniform**

Area	LoadPat	CoordSys	Dir	UnifLoad KN/m2
2572	q1k-A	GLOBAL	Gravity	2,5
2572	q1k-B	GLOBAL	Gravity	2,5
2572	_Q1k-E	GLOBAL	Gravity	150
2572	q1k-E	GLOBAL	Gravity	9
2573	G2-PAVIM	GLOBAL	Gravity	3
2573	q1k-A	GLOBAL	Gravity	2,5
2573	q1k-B	GLOBAL	Gravity	2,5
2573	_Q1k-E	GLOBAL	Gravity	150
2573	q1k-E	GLOBAL	Gravity	9
2574	G2-PAVIM	GLOBAL	Gravity	3
2574	q1k-A	GLOBAL	Gravity	2,5
2574	q1k-B	GLOBAL	Gravity	2,5
2574	q1k-E	GLOBAL	Gravity	9
2575	G2-PAVIM	GLOBAL	Gravity	3
2575	q1k-A	GLOBAL	Gravity	2,5
2575	q1k-B	GLOBAL	Gravity	2,5
2575	q1k-E	GLOBAL	Gravity	9
2576	G2-PAVIM	GLOBAL	Gravity	3
2576	q1k-A	GLOBAL	Gravity	2,5
2576	q1k-B	GLOBAL	Gravity	2,5
2576	_Q1k-E	GLOBAL	Gravity	150
2576	q1k-E	GLOBAL	Gravity	9
2577	G2-PAVIM	GLOBAL	Gravity	3
2577	q1k-A	GLOBAL	Gravity	2,5
2577	q1k-B	GLOBAL	Gravity	2,5
2577	_Q1k-E	GLOBAL	Gravity	150
2577	q1k-E	GLOBAL	Gravity	9
2578	G2-PAVIM	GLOBAL	Gravity	3
2578	q1k-A	GLOBAL	Gravity	2,5
2578	q1k-B	GLOBAL	Gravity	2,5
2578	_Q1k-E	GLOBAL	Gravity	150
2578	q1k-E	GLOBAL	Gravity	9
2579	G2-PAVIM	GLOBAL	Gravity	3
2579	q1k-A	GLOBAL	Gravity	2,5
2579	q1k-B	GLOBAL	Gravity	2,5
2579	_Q1k-E	GLOBAL	Gravity	150
2579	q1k-E	GLOBAL	Gravity	9
2580	G2-PAVIM	GLOBAL	Gravity	3
2580	q1k-A	GLOBAL	Gravity	2,5
2580	q1k-B	GLOBAL	Gravity	2,5
2580	q1k-E	GLOBAL	Gravity	9
2581	G2-PAVIM	GLOBAL	Gravity	3
2581	q1k-A	GLOBAL	Gravity	2,5
2581	q1k-B	GLOBAL	Gravity	2,5
2581	q1k-E	GLOBAL	Gravity	9
2582	G2-PAVIM	GLOBAL	Gravity	3
2582	q1k-A	GLOBAL	Gravity	2,5
2582	q1k-B	GLOBAL	Gravity	2,5
2582	_Q1k-E	GLOBAL	Gravity	150
2582	q1k-E	GLOBAL	Gravity	9
2583	G2-PAVIM	GLOBAL	Gravity	3
2583	q1k-A	GLOBAL	Gravity	2,5
2583	q1k-B	GLOBAL	Gravity	2,5

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**Table: Area Loads - Uniform**

Area	LoadPat	CoordSys	Dir	UnifLoad KN/m2
2583	_Q1k-E	GLOBAL	Gravity	150
2583	q1k-E	GLOBAL	Gravity	9
2584	G2-PAVIM	GLOBAL	Gravity	3
2584	q1k-A	GLOBAL	Gravity	2,5
2584	q1k-B	GLOBAL	Gravity	2,5
2584	_Q1k-E	GLOBAL	Gravity	150
2584	q1k-E	GLOBAL	Gravity	9
2585	G2-PAVIM	GLOBAL	Gravity	3
2585	q1k-A	GLOBAL	Gravity	2,5
2585	q1k-B	GLOBAL	Gravity	2,5
2585	_Q1k-E	GLOBAL	Gravity	150
2585	q1k-E	GLOBAL	Gravity	9
2586	G2-PAVIM	GLOBAL	Gravity	3
2586	q1k-A	GLOBAL	Gravity	2,5
2586	q1k-B	GLOBAL	Gravity	2,5
2586	q1k-E	GLOBAL	Gravity	9
2587	G2-PAVIM	GLOBAL	Gravity	3
2587	q1k-A	GLOBAL	Gravity	2,5
2587	q1k-B	GLOBAL	Gravity	9
2587	q1k-E	GLOBAL	Gravity	9
2588	_Q1k-A	GLOBAL	Gravity	100
2588	_Q1k-B	GLOBAL	Gravity	150
2588	G2-PAVIM	GLOBAL	Gravity	3
2588	q1k-A	GLOBAL	Gravity	2,5
2588	q1k-B	GLOBAL	Gravity	9
2588	q1k-E	GLOBAL	Gravity	9
2589	_Q1k-A	GLOBAL	Gravity	100
2589	_Q1k-B	GLOBAL	Gravity	150
2589	G2-PAVIM	GLOBAL	Gravity	3
2589	q1k-A	GLOBAL	Gravity	2,5
2589	q1k-B	GLOBAL	Gravity	9
2589	q1k-E	GLOBAL	Gravity	9
2590	_Q1k-A	GLOBAL	Gravity	100
2590	_Q1k-B	GLOBAL	Gravity	150
2590	G2-PAVIM	GLOBAL	Gravity	3
2590	q1k-A	GLOBAL	Gravity	2,5
2590	q1k-B	GLOBAL	Gravity	9
2590	q1k-E	GLOBAL	Gravity	9
2591	_Q1k-A	GLOBAL	Gravity	100
2591	_Q1k-B	GLOBAL	Gravity	150
2591	G2-PAVIM	GLOBAL	Gravity	3
2591	q1k-A	GLOBAL	Gravity	2,5
2591	q1k-B	GLOBAL	Gravity	9
2591	q1k-E	GLOBAL	Gravity	9
2592	G2-PAVIM	GLOBAL	Gravity	3
2592	q1k-A	GLOBAL	Gravity	2,5
2592	q1k-B	GLOBAL	Gravity	9
2592	q1k-E	GLOBAL	Gravity	9
2593	G2-PAVIM	GLOBAL	Gravity	3
2593	q1k-A	GLOBAL	Gravity	2,5
2593	q1k-B	GLOBAL	Gravity	9
2593	q1k-E	GLOBAL	Gravity	9
2594	_Q1k-A	GLOBAL	Gravity	100

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**Table: Area Loads - Uniform**

Area	LoadPat	CoordSys	Dir	UnifLoad KN/m2
2594	_Q1k-B	GLOBAL	Gravity	150
2594	G2-PAVIM	GLOBAL	Gravity	3
2594	q1k-A	GLOBAL	Gravity	2,5
2594	q1k-B	GLOBAL	Gravity	9
2594	q1k-E	GLOBAL	Gravity	9
2595	_Q1k-A	GLOBAL	Gravity	100
2595	_Q1k-B	GLOBAL	Gravity	150
2595	G2-PAVIM	GLOBAL	Gravity	3
2595	q1k-A	GLOBAL	Gravity	2,5
2595	q1k-B	GLOBAL	Gravity	9
2595	q1k-E	GLOBAL	Gravity	9
2596	_Q1k-A	GLOBAL	Gravity	100
2596	_Q1k-B	GLOBAL	Gravity	150
2596	G2-PAVIM	GLOBAL	Gravity	3
2596	q1k-A	GLOBAL	Gravity	2,5
2596	q1k-B	GLOBAL	Gravity	9
2596	q1k-E	GLOBAL	Gravity	9
2597	_Q1k-A	GLOBAL	Gravity	100
2597	_Q1k-B	GLOBAL	Gravity	150
2597	G2-PAVIM	GLOBAL	Gravity	3
2597	q1k-A	GLOBAL	Gravity	2,5
2597	q1k-B	GLOBAL	Gravity	9
2597	q1k-E	GLOBAL	Gravity	9
2598	G2-PAVIM	GLOBAL	Gravity	3
2598	q1k-A	GLOBAL	Gravity	2,5
2598	q1k-B	GLOBAL	Gravity	9
2598	q1k-E	GLOBAL	Gravity	9
2599	G2-PAVIM	GLOBAL	Gravity	3
2599	q1k-A	GLOBAL	Gravity	2,5
2599	q1k-B	GLOBAL	Gravity	9
2599	q1k-E	GLOBAL	Gravity	9
2600	_Q1k-A	GLOBAL	Gravity	100
2600	_Q1k-B	GLOBAL	Gravity	150
2600	G2-PAVIM	GLOBAL	Gravity	3
2600	q1k-A	GLOBAL	Gravity	2,5
2600	q1k-B	GLOBAL	Gravity	9
2600	q1k-E	GLOBAL	Gravity	9
2601	_Q1k-A	GLOBAL	Gravity	100
2601	_Q1k-B	GLOBAL	Gravity	150
2601	G2-PAVIM	GLOBAL	Gravity	3
2601	q1k-A	GLOBAL	Gravity	2,5
2601	q1k-B	GLOBAL	Gravity	9
2601	q1k-E	GLOBAL	Gravity	9
2602	_Q1k-A	GLOBAL	Gravity	100
2602	_Q1k-B	GLOBAL	Gravity	150
2602	G2-PAVIM	GLOBAL	Gravity	3
2602	q1k-A	GLOBAL	Gravity	2,5
2602	q1k-B	GLOBAL	Gravity	9
2602	q1k-E	GLOBAL	Gravity	9
2603	_Q1k-A	GLOBAL	Gravity	100
2603	_Q1k-B	GLOBAL	Gravity	150
2603	G2-PAVIM	GLOBAL	Gravity	3
2603	q1k-A	GLOBAL	Gravity	2,5

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**Table: Area Loads - Uniform**

Area	LoadPat	CoordSys	Dir	UnifLoad KN/m2
2603	q1k-B	GLOBAL	Gravity	9
2603	q1k-E	GLOBAL	Gravity	9
2604	G2-PAVIM	GLOBAL	Gravity	3
2604	q1k-A	GLOBAL	Gravity	2,5
2604	q1k-B	GLOBAL	Gravity	9
2604	q1k-E	GLOBAL	Gravity	9
2605	G2-PAVIM	GLOBAL	Gravity	3
2605	q1k-A	GLOBAL	Gravity	2,5
2605	q1k-B	GLOBAL	Gravity	9
2605	q1k-E	GLOBAL	Gravity	9
2606	G2-PAVIM	GLOBAL	Gravity	3
2606	q1k-A	GLOBAL	Gravity	2,5
2606	q1k-B	GLOBAL	Gravity	9
2606	_Q1k-E	GLOBAL	Gravity	150
2606	q1k-E	GLOBAL	Gravity	9
2607	G2-PAVIM	GLOBAL	Gravity	3
2607	q1k-A	GLOBAL	Gravity	2,5
2607	q1k-B	GLOBAL	Gravity	9
2607	_Q1k-E	GLOBAL	Gravity	150
2607	q1k-E	GLOBAL	Gravity	9
2608	G2-PAVIM	GLOBAL	Gravity	3
2608	q1k-A	GLOBAL	Gravity	2,5
2608	q1k-B	GLOBAL	Gravity	9
2608	_Q1k-E	GLOBAL	Gravity	150
2608	q1k-E	GLOBAL	Gravity	9
2609	G2-PAVIM	GLOBAL	Gravity	3
2609	q1k-A	GLOBAL	Gravity	2,5
2609	q1k-B	GLOBAL	Gravity	9
2609	_Q1k-E	GLOBAL	Gravity	150
2609	q1k-E	GLOBAL	Gravity	9
2610	G2-PAVIM	GLOBAL	Gravity	3
2610	q1k-A	GLOBAL	Gravity	2,5
2610	q1k-B	GLOBAL	Gravity	9
2610	q1k-E	GLOBAL	Gravity	9
2611	G2-PAVIM	GLOBAL	Gravity	3
2611	q1k-A	GLOBAL	Gravity	2,5
2611	q1k-B	GLOBAL	Gravity	9
2611	q1k-D	GLOBAL	Gravity	9
2611	q1k-E	GLOBAL	Gravity	9
2612	_Q1k-D	GLOBAL	Gravity	150
2612	G2-PAVIM	GLOBAL	Gravity	3
2612	q1k-A	GLOBAL	Gravity	2,5
2612	q1k-B	GLOBAL	Gravity	9
2612	q1k-D	GLOBAL	Gravity	9
2612	_Q1k-E	GLOBAL	Gravity	150
2612	q1k-E	GLOBAL	Gravity	9
2613	_Q1k-D	GLOBAL	Gravity	150
2613	G2-PAVIM	GLOBAL	Gravity	3
2613	q1k-A	GLOBAL	Gravity	2,5
2613	q1k-B	GLOBAL	Gravity	9
2613	q1k-D	GLOBAL	Gravity	9
2613	_Q1k-E	GLOBAL	Gravity	150
2613	q1k-E	GLOBAL	Gravity	9

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**Table: Area Loads - Uniform**

Area	LoadPat	CoordSys	Dir	UnifLoad KN/m2
2614	_Q1k-D	GLOBAL	Gravity	150
2614	G2-PAVIM	GLOBAL	Gravity	3
2614	q1k-A	GLOBAL	Gravity	2,5
2614	q1k-B	GLOBAL	Gravity	9
2614	q1k-D	GLOBAL	Gravity	9
2614	_Q1k-E	GLOBAL	Gravity	150
2614	q1k-E	GLOBAL	Gravity	9
2615	_Q1k-D	GLOBAL	Gravity	150
2615	G2-PAVIM	GLOBAL	Gravity	3
2615	q1k-A	GLOBAL	Gravity	2,5
2615	q1k-B	GLOBAL	Gravity	9
2615	q1k-D	GLOBAL	Gravity	9
2615	_Q1k-E	GLOBAL	Gravity	150
2615	q1k-E	GLOBAL	Gravity	9
2616	G2-PAVIM	GLOBAL	Gravity	3
2616	q1k-A	GLOBAL	Gravity	2,5
2616	q1k-B	GLOBAL	Gravity	9
2616	q1k-D	GLOBAL	Gravity	9
2616	q1k-E	GLOBAL	Gravity	9
2617	G2-PAVIM	GLOBAL	Gravity	3
2617	q1k-A	GLOBAL	Gravity	2,5
2617	q1k-B	GLOBAL	Gravity	9
2617	q1k-D	GLOBAL	Gravity	9
2617	q1k-E	GLOBAL	Gravity	2,5
2618	_Q1k-A	GLOBAL	Gravity	100
2618	_Q1k-B	GLOBAL	Gravity	150
2618	_Q1k-D	GLOBAL	Gravity	150
2618	G2-PAVIM	GLOBAL	Gravity	3
2618	q1k-A	GLOBAL	Gravity	2,5
2618	q1k-B	GLOBAL	Gravity	9
2618	q1k-D	GLOBAL	Gravity	9
2618	_Q1k-E	GLOBAL	Gravity	100
2618	q1k-E	GLOBAL	Gravity	2,5
2619	_Q1k-A	GLOBAL	Gravity	100
2619	_Q1k-B	GLOBAL	Gravity	150
2619	_Q1k-D	GLOBAL	Gravity	150
2619	G2-PAVIM	GLOBAL	Gravity	3
2619	q1k-A	GLOBAL	Gravity	2,5
2619	q1k-B	GLOBAL	Gravity	9
2619	q1k-D	GLOBAL	Gravity	9
2619	_Q1k-E	GLOBAL	Gravity	100
2619	q1k-E	GLOBAL	Gravity	2,5
2620	_Q1k-A	GLOBAL	Gravity	100
2620	_Q1k-B	GLOBAL	Gravity	150
2620	_Q1k-D	GLOBAL	Gravity	150
2620	G2-PAVIM	GLOBAL	Gravity	3
2620	q1k-A	GLOBAL	Gravity	2,5
2620	q1k-B	GLOBAL	Gravity	9
2620	q1k-D	GLOBAL	Gravity	9
2620	_Q1k-E	GLOBAL	Gravity	100
2620	q1k-E	GLOBAL	Gravity	2,5
2621	_Q1k-A	GLOBAL	Gravity	100
2621	_Q1k-B	GLOBAL	Gravity	150

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**Table: Area Loads - Uniform**

Area	LoadPat	CoordSys	Dir	UnifLoad KN/m2
2621	_Q1k-D	GLOBAL	Gravity	150
2621	G2-PAVIM	GLOBAL	Gravity	3
2621	q1k-A	GLOBAL	Gravity	2,5
2621	q1k-B	GLOBAL	Gravity	9
2621	q1k-D	GLOBAL	Gravity	9
2621	_Q1k-E	GLOBAL	Gravity	100
2621	q1k-E	GLOBAL	Gravity	2,5
2622	G2-PAVIM	GLOBAL	Gravity	3
2622	q1k-A	GLOBAL	Gravity	2,5
2622	q1k-B	GLOBAL	Gravity	9
2622	q1k-D	GLOBAL	Gravity	9
2622	q1k-E	GLOBAL	Gravity	2,5
2623	G2-PAVIM	GLOBAL	Gravity	3
2623	q1k-A	GLOBAL	Gravity	2,5
2623	q1k-B	GLOBAL	Gravity	9
2623	q1k-C	GLOBAL	Gravity	9
2623	q1k-D	GLOBAL	Gravity	9
2623	q1k-E	GLOBAL	Gravity	2,5
2624	_Q1k-A	GLOBAL	Gravity	100
2624	_Q1k-B	GLOBAL	Gravity	150
2624	_Q1k-C	GLOBAL	Gravity	150
2624	G2-PAVIM	GLOBAL	Gravity	3
2624	q1k-A	GLOBAL	Gravity	2,5
2624	q1k-B	GLOBAL	Gravity	9
2624	q1k-C	GLOBAL	Gravity	9
2624	q1k-D	GLOBAL	Gravity	9
2624	_Q1k-E	GLOBAL	Gravity	100
2624	q1k-E	GLOBAL	Gravity	2,5
2625	_Q1k-A	GLOBAL	Gravity	100
2625	_Q1k-B	GLOBAL	Gravity	150
2625	_Q1k-C	GLOBAL	Gravity	150
2625	G2-PAVIM	GLOBAL	Gravity	3
2625	q1k-A	GLOBAL	Gravity	2,5
2625	q1k-B	GLOBAL	Gravity	9
2625	q1k-C	GLOBAL	Gravity	9
2625	q1k-D	GLOBAL	Gravity	9
2625	_Q1k-E	GLOBAL	Gravity	100
2625	q1k-E	GLOBAL	Gravity	2,5
2626	_Q1k-A	GLOBAL	Gravity	100
2626	_Q1k-B	GLOBAL	Gravity	150
2626	_Q1k-C	GLOBAL	Gravity	150
2626	G2-PAVIM	GLOBAL	Gravity	3
2626	q1k-A	GLOBAL	Gravity	2,5
2626	q1k-B	GLOBAL	Gravity	9
2626	q1k-C	GLOBAL	Gravity	9
2626	q1k-D	GLOBAL	Gravity	9
2626	_Q1k-E	GLOBAL	Gravity	100
2626	q1k-E	GLOBAL	Gravity	2,5
2627	_Q1k-A	GLOBAL	Gravity	100
2627	_Q1k-B	GLOBAL	Gravity	150
2627	_Q1k-C	GLOBAL	Gravity	150
2627	G2-PAVIM	GLOBAL	Gravity	3
2627	q1k-A	GLOBAL	Gravity	2,5



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**Table: Area Loads - Uniform**

Area	LoadPat	CoordSys	Dir	UnifLoad KN/m2
2627	q1k-B	GLOBAL	Gravity	9
2627	q1k-C	GLOBAL	Gravity	9
2627	q1k-D	GLOBAL	Gravity	9
2627	_Q1k-E	GLOBAL	Gravity	100
2627	q1k-E	GLOBAL	Gravity	2,5
2628	G2-PAVIM	GLOBAL	Gravity	3
2628	q1k-A	GLOBAL	Gravity	2,5
2628	q1k-B	GLOBAL	Gravity	9
2628	q1k-C	GLOBAL	Gravity	9
2628	q1k-D	GLOBAL	Gravity	9
2628	q1k-E	GLOBAL	Gravity	2,5
2629	G2-PAVIM	GLOBAL	Gravity	3
2629	q1k-A	GLOBAL	Gravity	9
2629	q1k-B	GLOBAL	Gravity	2,5
2629	q1k-C	GLOBAL	Gravity	9
2629	q1k-D	GLOBAL	Gravity	9
2629	q1k-E	GLOBAL	Gravity	2,5
2630	_Q1k-A	GLOBAL	Gravity	150
2630	_Q1k-C	GLOBAL	Gravity	150
2630	G2-PAVIM	GLOBAL	Gravity	3
2630	q1k-A	GLOBAL	Gravity	9
2630	_Q1k-B	GLOBAL	Gravity	100
2630	q1k-B	GLOBAL	Gravity	2,5
2630	q1k-C	GLOBAL	Gravity	9
2630	q1k-D	GLOBAL	Gravity	9
2630	q1k-E	GLOBAL	Gravity	2,5
2631	_Q1k-A	GLOBAL	Gravity	150
2631	_Q1k-C	GLOBAL	Gravity	150
2631	G2-PAVIM	GLOBAL	Gravity	3
2631	q1k-A	GLOBAL	Gravity	9
2631	_Q1k-B	GLOBAL	Gravity	100
2631	q1k-B	GLOBAL	Gravity	2,5
2631	q1k-C	GLOBAL	Gravity	9
2631	q1k-D	GLOBAL	Gravity	9
2631	q1k-E	GLOBAL	Gravity	2,5
2632	_Q1k-A	GLOBAL	Gravity	150
2632	_Q1k-C	GLOBAL	Gravity	150
2632	G2-PAVIM	GLOBAL	Gravity	3
2632	q1k-A	GLOBAL	Gravity	9
2632	_Q1k-B	GLOBAL	Gravity	100
2632	q1k-B	GLOBAL	Gravity	2,5
2632	q1k-C	GLOBAL	Gravity	9
2632	q1k-D	GLOBAL	Gravity	9
2632	q1k-E	GLOBAL	Gravity	2,5
2633	_Q1k-A	GLOBAL	Gravity	150
2633	_Q1k-C	GLOBAL	Gravity	150
2633	G2-PAVIM	GLOBAL	Gravity	3
2633	q1k-A	GLOBAL	Gravity	9
2633	_Q1k-B	GLOBAL	Gravity	100
2633	q1k-B	GLOBAL	Gravity	2,5
2633	q1k-C	GLOBAL	Gravity	9
2633	q1k-D	GLOBAL	Gravity	9
2633	q1k-E	GLOBAL	Gravity	2,5

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**Table: Area Loads - Uniform**

Area	LoadPat	CoordSys	Dir	UnifLoad KN/m2
2634	G2-PAVIM	GLOBAL	Gravity	3
2634	q1k-A	GLOBAL	Gravity	9
2634	q1k-B	GLOBAL	Gravity	2,5
2634	q1k-C	GLOBAL	Gravity	9
2634	q1k-D	GLOBAL	Gravity	9
2634	q1k-E	GLOBAL	Gravity	2,5
2635	G2-PAVIM	GLOBAL	Gravity	3
2635	q1k-A	GLOBAL	Gravity	9
2635	q1k-B	GLOBAL	Gravity	2,5
2635	q1k-C	GLOBAL	Gravity	9
2635	q1k-D	GLOBAL	Gravity	9
2635	q1k-E	GLOBAL	Gravity	2,5
2636	_Q1k-A	GLOBAL	Gravity	150
2636	_Q1k-D	GLOBAL	Gravity	150
2636	G2-PAVIM	GLOBAL	Gravity	3
2636	q1k-A	GLOBAL	Gravity	9
2636	_Q1k-B	GLOBAL	Gravity	100
2636	q1k-B	GLOBAL	Gravity	2,5
2636	q1k-C	GLOBAL	Gravity	9
2636	q1k-D	GLOBAL	Gravity	9
2636	q1k-E	GLOBAL	Gravity	2,5
2637	_Q1k-A	GLOBAL	Gravity	150
2637	_Q1k-D	GLOBAL	Gravity	150
2637	G2-PAVIM	GLOBAL	Gravity	3
2637	q1k-A	GLOBAL	Gravity	9
2637	_Q1k-B	GLOBAL	Gravity	100
2637	q1k-B	GLOBAL	Gravity	2,5
2637	q1k-C	GLOBAL	Gravity	9
2637	q1k-D	GLOBAL	Gravity	9
2637	q1k-E	GLOBAL	Gravity	2,5
2638	_Q1k-A	GLOBAL	Gravity	150
2638	_Q1k-D	GLOBAL	Gravity	150
2638	G2-PAVIM	GLOBAL	Gravity	3
2638	q1k-A	GLOBAL	Gravity	9
2638	_Q1k-B	GLOBAL	Gravity	100
2638	q1k-B	GLOBAL	Gravity	2,5
2638	q1k-C	GLOBAL	Gravity	9
2638	q1k-D	GLOBAL	Gravity	9
2638	q1k-E	GLOBAL	Gravity	2,5
2639	_Q1k-A	GLOBAL	Gravity	150
2639	_Q1k-D	GLOBAL	Gravity	150
2639	G2-PAVIM	GLOBAL	Gravity	3
2639	q1k-A	GLOBAL	Gravity	9
2639	_Q1k-B	GLOBAL	Gravity	100
2639	q1k-B	GLOBAL	Gravity	2,5
2639	q1k-C	GLOBAL	Gravity	9
2639	q1k-D	GLOBAL	Gravity	9
2639	q1k-E	GLOBAL	Gravity	2,5
2640	G2-PAVIM	GLOBAL	Gravity	3
2640	q1k-A	GLOBAL	Gravity	9
2640	q1k-B	GLOBAL	Gravity	2,5
2640	q1k-C	GLOBAL	Gravity	9
2640	q1k-D	GLOBAL	Gravity	9

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**Table: Area Loads - Uniform**

Area	LoadPat	CoordSys	Dir	UnifLoad KN/m2
2640	q1k-E	GLOBAL	Gravity	2,5
2641	G2-PAVIM	GLOBAL	Gravity	3
2641	q1k-A	GLOBAL	Gravity	9
2641	q1k-B	GLOBAL	Gravity	2,5
2641	q1k-C	GLOBAL	Gravity	9
2641	q1k-D	GLOBAL	Gravity	9
2641	q1k-E	GLOBAL	Gravity	2,5
2642	_Q1k-D	GLOBAL	Gravity	150
2642	G2-PAVIM	GLOBAL	Gravity	3
2642	q1k-A	GLOBAL	Gravity	9
2642	q1k-B	GLOBAL	Gravity	2,5
2642	q1k-C	GLOBAL	Gravity	9
2642	q1k-D	GLOBAL	Gravity	9
2642	_Q1k-E	GLOBAL	Gravity	100
2642	q1k-E	GLOBAL	Gravity	2,5
2643	_Q1k-D	GLOBAL	Gravity	150
2643	G2-PAVIM	GLOBAL	Gravity	3
2643	q1k-A	GLOBAL	Gravity	9
2643	q1k-B	GLOBAL	Gravity	2,5
2643	q1k-C	GLOBAL	Gravity	9
2643	q1k-D	GLOBAL	Gravity	9
2643	_Q1k-E	GLOBAL	Gravity	100
2643	q1k-E	GLOBAL	Gravity	2,5
2644	_Q1k-D	GLOBAL	Gravity	150
2644	G2-PAVIM	GLOBAL	Gravity	3
2644	q1k-A	GLOBAL	Gravity	9
2644	q1k-B	GLOBAL	Gravity	2,5
2644	q1k-C	GLOBAL	Gravity	9
2644	q1k-D	GLOBAL	Gravity	9
2644	_Q1k-E	GLOBAL	Gravity	100
2644	q1k-E	GLOBAL	Gravity	2,5
2645	_Q1k-D	GLOBAL	Gravity	150
2645	G2-PAVIM	GLOBAL	Gravity	3
2645	q1k-A	GLOBAL	Gravity	9
2645	q1k-B	GLOBAL	Gravity	2,5
2645	q1k-C	GLOBAL	Gravity	9
2645	q1k-D	GLOBAL	Gravity	9
2645	_Q1k-E	GLOBAL	Gravity	100
2645	q1k-E	GLOBAL	Gravity	2,5
2646	G2-PAVIM	GLOBAL	Gravity	3
2646	q1k-A	GLOBAL	Gravity	9
2646	q1k-B	GLOBAL	Gravity	2,5
2646	q1k-C	GLOBAL	Gravity	9
2646	q1k-D	GLOBAL	Gravity	9
2646	q1k-E	GLOBAL	Gravity	2,5
2647	G2-PAVIM	GLOBAL	Gravity	3
2647	q1k-A	GLOBAL	Gravity	9
2647	q1k-B	GLOBAL	Gravity	2,5
2647	q1k-C	GLOBAL	Gravity	9
2647	q1k-E	GLOBAL	Gravity	2,5
2648	_Q1k-C	GLOBAL	Gravity	150
2648	G2-PAVIM	GLOBAL	Gravity	3
2648	q1k-A	GLOBAL	Gravity	9

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**Table: Area Loads - Uniform**

Area	LoadPat	CoordSys	Dir	UnifLoad KN/m2
2648	q1k-B	GLOBAL	Gravity	2,5
2648	q1k-C	GLOBAL	Gravity	9
2648	_Q1k-E	GLOBAL	Gravity	100
2648	q1k-E	GLOBAL	Gravity	2,5
2649	_Q1k-C	GLOBAL	Gravity	150
2649	G2-PAVIM	GLOBAL	Gravity	3
2649	q1k-A	GLOBAL	Gravity	9
2649	q1k-B	GLOBAL	Gravity	2,5
2649	q1k-C	GLOBAL	Gravity	9
2649	_Q1k-E	GLOBAL	Gravity	100
2649	q1k-E	GLOBAL	Gravity	2,5
2650	_Q1k-C	GLOBAL	Gravity	150
2650	G2-PAVIM	GLOBAL	Gravity	3
2650	q1k-A	GLOBAL	Gravity	9
2650	q1k-B	GLOBAL	Gravity	2,5
2650	q1k-C	GLOBAL	Gravity	9
2650	_Q1k-E	GLOBAL	Gravity	100
2650	q1k-E	GLOBAL	Gravity	2,5
2651	_Q1k-C	GLOBAL	Gravity	150
2651	G2-PAVIM	GLOBAL	Gravity	3
2651	q1k-A	GLOBAL	Gravity	9
2651	q1k-B	GLOBAL	Gravity	2,5
2651	q1k-C	GLOBAL	Gravity	9
2651	_Q1k-E	GLOBAL	Gravity	100
2651	q1k-E	GLOBAL	Gravity	2,5
2652	G2-PAVIM	GLOBAL	Gravity	3
2652	q1k-A	GLOBAL	Gravity	9
2652	q1k-B	GLOBAL	Gravity	2,5
2652	q1k-C	GLOBAL	Gravity	9
2652	q1k-E	GLOBAL	Gravity	2,5
2653	G2-PAVIM	GLOBAL	Gravity	3
2653	q1k-A	GLOBAL	Gravity	9
2653	q1k-B	GLOBAL	Gravity	2,5
2653	q1k-C	GLOBAL	Gravity	9
2653	q1k-E	GLOBAL	Gravity	2,5
2654	_Q1k-A	GLOBAL	Gravity	150
2654	_Q1k-C	GLOBAL	Gravity	150
2654	G2-PAVIM	GLOBAL	Gravity	3
2654	q1k-A	GLOBAL	Gravity	9
2654	_Q1k-B	GLOBAL	Gravity	100
2654	q1k-B	GLOBAL	Gravity	2,5
2654	q1k-C	GLOBAL	Gravity	9
2654	q1k-E	GLOBAL	Gravity	2,5
2655	_Q1k-A	GLOBAL	Gravity	150
2655	_Q1k-C	GLOBAL	Gravity	150
2655	G2-PAVIM	GLOBAL	Gravity	3
2655	q1k-A	GLOBAL	Gravity	9
2655	_Q1k-B	GLOBAL	Gravity	100
2655	q1k-B	GLOBAL	Gravity	2,5
2655	q1k-C	GLOBAL	Gravity	9
2655	q1k-E	GLOBAL	Gravity	2,5
2656	_Q1k-A	GLOBAL	Gravity	150
2656	_Q1k-C	GLOBAL	Gravity	150

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**Table: Area Loads - Uniform**

Area	LoadPat	CoordSys	Dir	UnifLoad KN/m2
2656	G2-PAVIM	GLOBAL	Gravity	3
2656	q1k-A	GLOBAL	Gravity	9
2656	_Q1k-B	GLOBAL	Gravity	100
2656	q1k-B	GLOBAL	Gravity	2,5
2656	q1k-C	GLOBAL	Gravity	9
2656	q1k-E	GLOBAL	Gravity	2,5
2657	_Q1k-A	GLOBAL	Gravity	150
2657	_Q1k-C	GLOBAL	Gravity	150
2657	G2-PAVIM	GLOBAL	Gravity	3
2657	q1k-A	GLOBAL	Gravity	9
2657	_Q1k-B	GLOBAL	Gravity	100
2657	q1k-B	GLOBAL	Gravity	2,5
2657	q1k-C	GLOBAL	Gravity	9
2657	q1k-E	GLOBAL	Gravity	2,5
2658	G2-PAVIM	GLOBAL	Gravity	3
2658	q1k-A	GLOBAL	Gravity	9
2658	q1k-B	GLOBAL	Gravity	2,5
2658	q1k-C	GLOBAL	Gravity	9
2658	q1k-E	GLOBAL	Gravity	2,5
2659	G2-PAVIM	GLOBAL	Gravity	3
2659	q1k-A	GLOBAL	Gravity	9
2659	q1k-B	GLOBAL	Gravity	2,5
2659	q1k-C	GLOBAL	Gravity	9
2659	q1k-E	GLOBAL	Gravity	2,5
2660	_Q1k-A	GLOBAL	Gravity	150
2660	_Q1k-C	GLOBAL	Gravity	150
2660	G2-PAVIM	GLOBAL	Gravity	3
2660	q1k-A	GLOBAL	Gravity	9
2660	_Q1k-B	GLOBAL	Gravity	100
2660	q1k-B	GLOBAL	Gravity	2,5
2660	q1k-C	GLOBAL	Gravity	9
2660	q1k-E	GLOBAL	Gravity	2,5
2661	_Q1k-A	GLOBAL	Gravity	150
2661	_Q1k-C	GLOBAL	Gravity	150
2661	G2-PAVIM	GLOBAL	Gravity	3
2661	q1k-A	GLOBAL	Gravity	9
2661	_Q1k-B	GLOBAL	Gravity	100
2661	q1k-B	GLOBAL	Gravity	2,5
2661	q1k-C	GLOBAL	Gravity	9
2661	q1k-E	GLOBAL	Gravity	2,5
2662	_Q1k-A	GLOBAL	Gravity	150
2662	_Q1k-C	GLOBAL	Gravity	150
2662	G2-PAVIM	GLOBAL	Gravity	3
2662	q1k-A	GLOBAL	Gravity	9
2662	_Q1k-B	GLOBAL	Gravity	100
2662	q1k-B	GLOBAL	Gravity	2,5
2662	q1k-C	GLOBAL	Gravity	9
2662	q1k-E	GLOBAL	Gravity	2,5
2663	_Q1k-A	GLOBAL	Gravity	150
2663	_Q1k-C	GLOBAL	Gravity	150
2663	G2-PAVIM	GLOBAL	Gravity	3
2663	q1k-A	GLOBAL	Gravity	9
2663	_Q1k-B	GLOBAL	Gravity	100

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**Table: Area Loads - Uniform**

Area	LoadPat	CoordSys	Dir	UnifLoad KN/m2
2663	q1k-B	GLOBAL	Gravity	2,5
2663	q1k-C	GLOBAL	Gravity	9
2663	q1k-E	GLOBAL	Gravity	2,5
2664	G2-PAVIM	GLOBAL	Gravity	3
2664	q1k-A	GLOBAL	Gravity	9
2664	q1k-B	GLOBAL	Gravity	2,5
2664	q1k-C	GLOBAL	Gravity	9
2664	q1k-E	GLOBAL	Gravity	2,5
2665	G2-PAVIM	GLOBAL	Gravity	3
2665	q1k-A	GLOBAL	Gravity	9
2665	q1k-B	GLOBAL	Gravity	2,5
2665	q1k-E	GLOBAL	Gravity	2,5
2666	_Q1k-A	GLOBAL	Gravity	150
2666	G2-PAVIM	GLOBAL	Gravity	3
2666	q1k-A	GLOBAL	Gravity	9
2666	_Q1k-B	GLOBAL	Gravity	100
2666	q1k-B	GLOBAL	Gravity	2,5
2666	q1k-E	GLOBAL	Gravity	2,5
2667	_Q1k-A	GLOBAL	Gravity	150
2667	G2-PAVIM	GLOBAL	Gravity	3
2667	q1k-A	GLOBAL	Gravity	9
2667	_Q1k-B	GLOBAL	Gravity	100
2667	q1k-B	GLOBAL	Gravity	2,5
2667	q1k-E	GLOBAL	Gravity	2,5
2668	_Q1k-A	GLOBAL	Gravity	150
2668	G2-PAVIM	GLOBAL	Gravity	3
2668	q1k-A	GLOBAL	Gravity	9
2668	_Q1k-B	GLOBAL	Gravity	100
2668	q1k-B	GLOBAL	Gravity	2,5
2668	q1k-E	GLOBAL	Gravity	2,5
2669	_Q1k-A	GLOBAL	Gravity	150
2669	G2-PAVIM	GLOBAL	Gravity	3
2669	q1k-A	GLOBAL	Gravity	9
2669	_Q1k-B	GLOBAL	Gravity	100
2669	q1k-B	GLOBAL	Gravity	2,5
2669	q1k-E	GLOBAL	Gravity	2,5
2670	G2-PAVIM	GLOBAL	Gravity	3
2670	q1k-A	GLOBAL	Gravity	9
2670	q1k-B	GLOBAL	Gravity	2,5
2670	q1k-E	GLOBAL	Gravity	2,5

**Table: Area Section Assignments**

**Table: Area Section Assignments**

Area	Section	MatProp
1	MARCIAPIEDI	Default
2	MARCIAPIEDI	Default
3	MARCIAPIEDI	Default
4	MARCIAPIEDI	Default
18	MARCIAPIEDI	Default
174	MARCIAPIEDI	Default

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**Table: Area Section Assignments**

Area	Section	MatProp
175	MARCIAPIEDI	Default
176	MARCIAPIEDI	Default
200	MARCIAPIEDI	Default
201	MARCIAPIEDI	Default
406	MARCIAPIEDI	Default
407	MARCIAPIEDI	Default
408	MARCIAPIEDI	Default
467	MARCIAPIEDI	Default
468	MARCIAPIEDI	Default
822	MARCIAPIEDI	Default
823	MARCIAPIEDI	Default
1083	MARCIAPIEDI	Default
1084	MARCIAPIEDI	Default
1121	MARCIAPIEDI	Default
1122	MARCIAPIEDI	Default
1159	MARCIAPIEDI	Default
1160	MARCIAPIEDI	Default
1197	MARCIAPIEDI	Default
1198	MARCIAPIEDI	Default
1235	SOLETTA	Default
1236	SOLETTA	Default
1273	SOLETTA	Default
1274	SOLETTA	Default
1311	SOLETTA	Default
1312	SOLETTA	Default
1349	SOLETTA	Default
1350	SOLETTA	Default
1387	SOLETTA	Default
1388	SOLETTA	Default
1425	SOLETTA	Default
1426	SOLETTA	Default
1463	SOLETTA	Default
1464	SOLETTA	Default
1501	SOLETTA	Default
1502	SOLETTA	Default
1539	SOLETTA	Default
1540	SOLETTA	Default
1577	SOLETTA	Default
1578	SOLETTA	Default
1615	SOLETTA	Default
1616	SOLETTA	Default
1653	SOLETTA	Default
1654	SOLETTA	Default
1691	SOLETTA	Default
1692	SOLETTA	Default
1729	SOLETTA	Default
1730	SOLETTA	Default
1767	SOLETTA	Default
1768	SOLETTA	Default
1805	SOLETTA	Default
1806	SOLETTA	Default
1843	SOLETTA	Default
1844	SOLETTA	Default

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**Table: Area Section Assignments**

Area	Section	MatProp
1881	SOLETTA	Default
1882	SOLETTA	Default
1919	SOLETTA	Default
1920	SOLETTA	Default
1957	SOLETTA	Default
1958	SOLETTA	Default
1995	SOLETTA	Default
1996	SOLETTA	Default
2033	SOLETTA	Default
2034	SOLETTA	Default
2071	SOLETTA	Default
2072	SOLETTA	Default
2109	SOLETTA	Default
2110	SOLETTA	Default
2147	SOLETTA	Default
2148	SOLETTA	Default
2185	SOLETTA	Default
2186	SOLETTA	Default
2223	SOLETTA	Default
2224	SOLETTA	Default
2226	MARCIAPIEDI	Default
2227	MARCIAPIEDI	Default
2261	SOLETTA	Default
2262	SOLETTA	Default
2263	MARCIAPIEDI	Default
2264	MARCIAPIEDI	Default
2299	SOLETTA	Default
2300	SOLETTA	Default
2337	SOLETTA	Default
2338	SOLETTA	Default
2375	SOLETTA	Default
2376	SOLETTA	Default
2413	SOLETTA	Default
2414	SOLETTA	Default
2434	MARCIAPIEDI	Default
2435	MARCIAPIEDI	Default
2436	MARCIAPIEDI	Default
2437	MARCIAPIEDI	Default
2438	MARCIAPIEDI	Default
2439	MARCIAPIEDI	Default
2440	MARCIAPIEDI	Default
2441	MARCIAPIEDI	Default
2442	MARCIAPIEDI	Default
2443	MARCIAPIEDI	Default
2444	MARCIAPIEDI	Default
2445	MARCIAPIEDI	Default
2446	MARCIAPIEDI	Default
2447	MARCIAPIEDI	Default
2448	MARCIAPIEDI	Default
2455	MARCIAPIEDI	Default
2456	MARCIAPIEDI	Default
2457	MARCIAPIEDI	Default
2458	MARCIAPIEDI	Default



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**Table: Area Section Assignments**

Area	Section	MatProp
2459	MARCIAPIEDI	Default
2460	MARCIAPIEDI	Default
2461	MARCIAPIEDI	Default
2462	MARCIAPIEDI	Default
2463	MARCIAPIEDI	Default
2464	MARCIAPIEDI	Default
2465	MARCIAPIEDI	Default
2466	MARCIAPIEDI	Default
2467	MARCIAPIEDI	Default
2468	MARCIAPIEDI	Default
2469	MARCIAPIEDI	Default
2470	MARCIAPIEDI	Default
2471	MARCIAPIEDI	Default
2472	MARCIAPIEDI	Default
2473	MARCIAPIEDI	Default
2474	MARCIAPIEDI	Default
2475	MARCIAPIEDI	Default
2476	MARCIAPIEDI	Default
2477	MARCIAPIEDI	Default
2478	MARCIAPIEDI	Default
2479	SOLETTA	Default
2480	SOLETTA	Default
2481	SOLETTA	Default
2482	SOLETTA	Default
2483	SOLETTA	Default
2484	SOLETTA	Default
2485	SOLETTA	Default
2486	SOLETTA	Default
2487	SOLETTA	Default
2488	SOLETTA	Default
2489	SOLETTA	Default
2490	SOLETTA	Default
2491	SOLETTA	Default
2492	SOLETTA	Default
2493	SOLETTA	Default
2494	SOLETTA	Default
2495	SOLETTA	Default
2496	SOLETTA	Default
2497	SOLETTA	Default
2498	SOLETTA	Default
2499	SOLETTA	Default
2500	SOLETTA	Default
2501	SOLETTA	Default
2502	SOLETTA	Default
2503	SOLETTA	Default
2504	SOLETTA	Default
2505	SOLETTA	Default
2506	SOLETTA	Default
2507	SOLETTA	Default
2508	SOLETTA	Default
2509	SOLETTA	Default
2510	SOLETTA	Default
2511	SOLETTA	Default

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**Table: Area Section Assignments**

Area	Section	MatProp
2512	SOLETTA	Default
2513	SOLETTA	Default
2514	SOLETTA	Default
2515	SOLETTA	Default
2516	SOLETTA	Default
2517	SOLETTA	Default
2518	SOLETTA	Default
2519	SOLETTA	Default
2520	SOLETTA	Default
2521	SOLETTA	Default
2522	SOLETTA	Default
2523	SOLETTA	Default
2524	SOLETTA	Default
2525	SOLETTA	Default
2526	SOLETTA	Default
2527	SOLETTA	Default
2528	SOLETTA	Default
2529	SOLETTA	Default
2530	SOLETTA	Default
2531	SOLETTA	Default
2532	SOLETTA	Default
2533	SOLETTA	Default
2534	SOLETTA	Default
2535	SOLETTA	Default
2536	SOLETTA	Default
2537	SOLETTA	Default
2538	SOLETTA	Default
2539	SOLETTA	Default
2540	SOLETTA	Default
2541	SOLETTA	Default
2542	SOLETTA	Default
2543	SOLETTA	Default
2544	SOLETTA	Default
2545	SOLETTA	Default
2546	SOLETTA	Default
2547	SOLETTA	Default
2548	SOLETTA	Default
2549	SOLETTA	Default
2550	SOLETTA	Default
2551	SOLETTA	Default
2552	SOLETTA	Default
2553	SOLETTA	Default
2554	SOLETTA	Default
2555	SOLETTA	Default
2556	SOLETTA	Default
2557	SOLETTA	Default
2558	SOLETTA	Default
2559	SOLETTA	Default
2560	SOLETTA	Default
2561	SOLETTA	Default
2562	SOLETTA	Default
2563	SOLETTA	Default
2564	SOLETTA	Default

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**Table: Area Section Assignments**

Area	Section	MatProp
2565	SOLETTA	Default
2566	SOLETTA	Default
2567	SOLETTA	Default
2568	SOLETTA	Default
2569	SOLETTA	Default
2570	SOLETTA	Default
2571	SOLETTA	Default
2572	SOLETTA	Default
2573	SOLETTA	Default
2574	SOLETTA	Default
2575	SOLETTA	Default
2576	SOLETTA	Default
2577	SOLETTA	Default
2578	SOLETTA	Default
2579	SOLETTA	Default
2580	SOLETTA	Default
2581	SOLETTA	Default
2582	SOLETTA	Default
2583	SOLETTA	Default
2584	SOLETTA	Default
2585	SOLETTA	Default
2586	SOLETTA	Default
2587	SOLETTA	Default
2588	SOLETTA	Default
2589	SOLETTA	Default
2590	SOLETTA	Default
2591	SOLETTA	Default
2592	SOLETTA	Default
2593	SOLETTA	Default
2594	SOLETTA	Default
2595	SOLETTA	Default
2596	SOLETTA	Default
2597	SOLETTA	Default
2598	SOLETTA	Default
2599	SOLETTA	Default
2600	SOLETTA	Default
2601	SOLETTA	Default
2602	SOLETTA	Default
2603	SOLETTA	Default
2604	SOLETTA	Default
2605	SOLETTA	Default
2606	SOLETTA	Default
2607	SOLETTA	Default
2608	SOLETTA	Default
2609	SOLETTA	Default
2610	SOLETTA	Default
2611	SOLETTA	Default
2612	SOLETTA	Default
2613	SOLETTA	Default
2614	SOLETTA	Default
2615	SOLETTA	Default
2616	SOLETTA	Default
2617	SOLETTA	Default

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**Table: Area Section Assignments**

Area	Section	MatProp
2618	SOLETTA	Default
2619	SOLETTA	Default
2620	SOLETTA	Default
2621	SOLETTA	Default
2622	SOLETTA	Default
2623	SOLETTA	Default
2624	SOLETTA	Default
2625	SOLETTA	Default
2626	SOLETTA	Default
2627	SOLETTA	Default
2628	SOLETTA	Default
2629	SOLETTA	Default
2630	SOLETTA	Default
2631	SOLETTA	Default
2632	SOLETTA	Default
2633	SOLETTA	Default
2634	SOLETTA	Default
2635	SOLETTA	Default
2636	SOLETTA	Default
2637	SOLETTA	Default
2638	SOLETTA	Default
2639	SOLETTA	Default
2640	SOLETTA	Default
2641	SOLETTA	Default
2642	SOLETTA	Default
2643	SOLETTA	Default
2644	SOLETTA	Default
2645	SOLETTA	Default
2646	SOLETTA	Default
2647	SOLETTA	Default
2648	SOLETTA	Default
2649	SOLETTA	Default
2650	SOLETTA	Default
2651	SOLETTA	Default
2652	SOLETTA	Default
2653	SOLETTA	Default
2654	SOLETTA	Default
2655	SOLETTA	Default
2656	SOLETTA	Default
2657	SOLETTA	Default
2658	SOLETTA	Default
2659	SOLETTA	Default
2660	SOLETTA	Default
2661	SOLETTA	Default
2662	SOLETTA	Default
2663	SOLETTA	Default
2664	SOLETTA	Default
2665	SOLETTA	Default
2666	SOLETTA	Default
2667	SOLETTA	Default
2668	SOLETTA	Default
2669	SOLETTA	Default
2670	SOLETTA	Default

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**Table: Area Section Assignments**

Area	Section	MatProp
2690	MARCIAPIEDI	Default
2691	MARCIAPIEDI	Default
2692	MARCIAPIEDI	Default
2693	MARCIAPIEDI	Default
2694	MARCIAPIEDI	Default
2695	MARCIAPIEDI	Default
2696	MARCIAPIEDI	Default
2697	MARCIAPIEDI	Default
2698	MARCIAPIEDI	Default
2699	MARCIAPIEDI	Default
2700	MARCIAPIEDI	Default
2701	MARCIAPIEDI	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
MARCIAPIEDI	C32/40	0	Shell	Shell-Thin	Yes	0,45	0,45	
SOLETTA	C32/40	0	Shell	Shell-Thin	Yes	0,31	0,31	

**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
MARCIAPIEDI			Magenta	982,921	100,23	1	1
SOLETTA			Green	2119,774	216,16	1	1

**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
MARCIAPIEDI	1	1	1	1	1	1	1	1
SOLETTA	1	1	1	1	1	1	1	1

**Table: Area Section Properties, Part 4 of 4**

Table: Area Section Properties, Part 4 of 4

Section	GUID	Notes
MARCIAPIEDI		Added 21/03/2017 17.19.17
SOLETTA		

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**Table: Case - Static 1 - Load Assignments**

Table: Case - Static 1 - Load Assignments			
Case	LoadType	LoadName	LoadSF
G1	Load pattern	G1	1
G2-PAVIM	Load pattern	G2-PAVIM	1
Q5-FOLLA	Load pattern	Q5-FOLLA	1
G2-GUARDRAIL	Load pattern	G2-GUARDRAIL	1
G2-RETE	Load pattern	G2-RETE	1
_Q1k-A	Load pattern	_Q1k-A	1
_Q1k-B	Load pattern	_Q1k-B	1
_Q1k-C	Load pattern	_Q1k-C	1
_Q1k-D	Load pattern	_Q1k-D	1
_Q1k-E	Load pattern	_Q1k-E	1
q1k-A	Load pattern	q1k-A	1
q1k-B	Load pattern	q1k-B	1
q1k-C	Load pattern	q1k-C	1
q1k-D	Load pattern	q1k-D	1
q1k-E	Load pattern	q1k-E	1

**Table: Combination Definitions, Part 1 of 3**

Table: Combination Definitions, Part 1 of 3						
ComboName	ComboType	AutoDesign	CaseType	CaseName	ScaleFactor	SteelDesign
SLU-A	Linear Add	No	Linear Static	G1	1,35	None
SLU-A			Linear Static	G2-RETE	1,5	
SLU-A			Linear Static	G2-GUARDRAIL	1,5	
SLU-A			Linear Static	G2-PAVIM	1,5	
SLU-A			Linear Static	q1k-A	1,35	
SLU-A			Linear Static	_Q1k-A	1,35	
SLU-A			Linear Static	Q5-FOLLA	0,675	
SLE-A	Linear Add	No	Linear Static	G1	1	None
SLE-A			Linear Static	G2-RETE	1	
SLE-A			Linear Static	G2-GUARDRAIL	1	
SLE-A			Linear Static	G2-PAVIM	1	
SLE-A			Linear Static	q1k-A	0,4	
SLE-A			Linear Static	_Q1k-A	0,75	
SLE-A			Linear Static	Q5-FOLLA	0	
SLU-B	Linear Add	No	Linear Static	G1	1,35	None
SLU-B			Linear Static	G2-RETE	1,5	
SLU-B			Linear Static	G2-GUARDRAIL	1,5	
SLU-B			Linear Static	G2-PAVIM	1,5	
SLU-B			Linear Static	q1k-B	1,35	
SLU-B			Linear Static	_Q1k-B	1,35	
SLU-B			Linear Static	Q5-FOLLA	0,675	
SLU-C	Linear Add	No	Linear Static	G1	1,35	None
SLU-C			Linear Static	G2-RETE	1,5	
SLU-C			Linear Static	G2-GUARDRAIL	1,5	
SLU-C			Linear Static	G2-PAVIM	1,5	
SLU-C			Linear Static	q1k-C	1,35	
SLU-C			Linear Static	_Q1k-C	1,35	
SLU-C			Linear Static	Q5-FOLLA	0,675	
SLE-B	Linear Add	No	Linear Static	G1	1	None

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**Table: Combination Definitions, Part 1 of 3**

ComboName	ComboType	AutoDesign	CaseType	CaseName	ScaleFactor	SteelDesign
SLE-B			Linear Static	G2-RETE	1	
SLE-B			Linear Static	G2-GUARDRAIL	1	
SLE-B			Linear Static	G2-PAVIM	1	
SLE-B			Linear Static	q1k-B	0,4	
SLE-B			Linear Static	_Q1k-B	0,75	
SLE-B			Linear Static	Q5-FOLLA	0	
SLE-C	Linear Add	No	Linear Static	G1	1	None
SLE-C			Linear Static	G2-RETE	1	
SLE-C			Linear Static	G2-GUARDRAIL	1	
SLE-C			Linear Static	G2-PAVIM	1	
SLE-C			Linear Static	q1k-C	0,4	
SLE-C			Linear Static	_Q1k-C	0,75	
SLE-C			Linear Static	Q5-FOLLA	0	
SLU-D	Linear Add	No	Linear Static	G1	1,35	None
SLU-D			Linear Static	G2-RETE	1,5	
SLU-D			Linear Static	G2-GUARDRAIL	1,5	
SLU-D			Linear Static	G2-PAVIM	1,5	
SLU-D			Linear Static	q1k-D	1,35	
SLU-D			Linear Static	_Q1k-D	1,35	
SLU-E	Linear Add	No	Linear Static	G1	1,35	None
SLU-E			Linear Static	G2-RETE	1,5	
SLU-E			Linear Static	G2-GUARDRAIL	1,5	
SLU-E			Linear Static	G2-PAVIM	1,5	
SLU-E			Linear Static	q1k-E	1,35	
SLU-E			Linear Static	_Q1k-E	1,35	
SLU-ENVE	Envelope	No	Response Combo	SLU-A	1	None
SLU-ENVE			Response Combo	SLU-B	1	
SLU-ENVE			Response Combo	SLU-C	1	
SLU-ENVE			Response Combo	SLU-D	1	
SLU-ENVE			Response Combo	SLU-E	1	
SLE-D	Linear Add	No	Linear Static	G1	1	None
SLE-D			Linear Static	G2-RETE	1	
SLE-D			Linear Static	G2-GUARDRAIL	1	
SLE-D			Linear Static	G2-PAVIM	1	
SLE-D			Linear Static	q1k-D	0,4	
SLE-D			Linear Static	_Q1k-D	0,75	
SLE-D			Linear Static	Q5-FOLLA	0	
SLE-E	Linear Add	No	Linear Static	G1	1	None
SLE-E			Linear Static	G2-RETE	1	
SLE-E			Linear Static	G2-GUARDRAIL	1	
SLE-E			Linear Static	G2-PAVIM	1	
SLE-E			Linear Static	q1k-E	0,4	
SLE-E			Linear Static	_Q1k-E	0,75	
SLE-E			Linear Static	Q5-FOLLA	0	
SLE-ENVE	Envelope	No	Response Combo	SLE-A	1	None
SLE-ENVE			Response Combo	SLE-B	1	
SLE-ENVE			Response Combo	SLE-C	1	
SLE-ENVE			Response Combo	SLE-D	1	
SLE-ENVE			Response Combo	SLE-E	1	

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**Table: Combination Definitions, Part 2 of 3**

Table: Combination Definitions, Part 2 of 3				
ComboName	CaseName	ConcDesign	AlumDesign	ColdDesign
SLU-A	G1	None	None	None
SLU-A	G2-RETE			
SLU-A	G2-GUARDRAIL			
SLU-A	G2-PAVIM			
SLU-A	q1k-A			
SLU-A	_Q1k-A			
SLU-A	Q5-FOLLA			
SLE-A	G1	None	None	None
SLE-A	G2-RETE			
SLE-A	G2-GUARDRAIL			
SLE-A	G2-PAVIM			
SLE-A	q1k-A			
SLE-A	_Q1k-A			
SLE-A	Q5-FOLLA			
SLU-B	G1	None	None	None
SLU-B	G2-RETE			
SLU-B	G2-GUARDRAIL			
SLU-B	G2-PAVIM			
SLU-B	q1k-B			
SLU-B	_Q1k-B			
SLU-B	Q5-FOLLA			
SLU-C	G1	None	None	None
SLU-C	G2-RETE			
SLU-C	G2-GUARDRAIL			
SLU-C	G2-PAVIM			
SLU-C	q1k-C			
SLU-C	_Q1k-C			
SLU-C	Q5-FOLLA			
SLE-B	G1	None	None	None
SLE-B	G2-RETE			
SLE-B	G2-GUARDRAIL			
SLE-B	G2-PAVIM			
SLE-B	q1k-B			
SLE-B	_Q1k-B			
SLE-B	Q5-FOLLA			
SLE-C	G1	None	None	None
SLE-C	G2-RETE			
SLE-C	G2-GUARDRAIL			
SLE-C	G2-PAVIM			
SLE-C	q1k-C			
SLE-C	_Q1k-C			
SLE-C	Q5-FOLLA			
SLU-D	G1	None	None	None
SLU-D	G2-RETE			
SLU-D	G2-GUARDRAIL			
SLU-D	G2-PAVIM			
SLU-D	q1k-D			
SLU-D	_Q1k-D			
SLU-E	G1	None	None	None
SLU-E	G2-RETE			
SLU-E	G2-GUARDRAIL			



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**Table: Combination Definitions, Part 2 of 3**

ComboName	CaseName	ConcDesign	AlumDesign	ColdDesign
SLU-E	G2-PAVIM			
SLU-E	q1k-E			
SLU-E	_Q1k-E			
SLU-ENVE	SLU-A	None	None	None
SLU-ENVE	SLU-B			
SLU-ENVE	SLU-C			
SLU-ENVE	SLU-D			
SLU-ENVE	SLU-E			
SLE-D	G1	None	None	None
SLE-D	G2-RETE			
SLE-D	G2-GUARDRAIL			
SLE-D	G2-PAVIM			
SLE-D	q1k-D			
SLE-D	_Q1k-D			
SLE-D	Q5-FOLLA			
SLE-E	G1	None	None	None
SLE-E	G2-RETE			
SLE-E	G2-GUARDRAIL			
SLE-E	G2-PAVIM			
SLE-E	q1k-E			
SLE-E	_Q1k-E			
SLE-E	Q5-FOLLA			
SLE-ENVE	SLE-A	None	None	None
SLE-ENVE	SLE-B			
SLE-ENVE	SLE-C			
SLE-ENVE	SLE-D			
SLE-ENVE	SLE-E			

**Table: Combination Definitions, Part 3 of 3**

**Table: Combination Definitions, Part 3 of 3**

ComboName	CaseName	GUID	Notes
SLU-A	G1	6443fcf0-39af-48c4-9eea-893ddf33ecdf	
SLU-A	G2-RETE		
SLU-A	G2-GUARDRAIL		
SLU-A	G2-PAVIM		
SLU-A	q1k-A		
SLU-A	_Q1k-A		
SLU-A	Q5-FOLLA		
SLE-A	G1	6443fcf0-39af-48c4-9eea-893ddf33ecdf	
SLE-A	G2-RETE		
SLE-A	G2-GUARDRAIL		
SLE-A	G2-PAVIM		
SLE-A	q1k-A		
SLE-A	_Q1k-A		
SLE-A	Q5-FOLLA		
SLU-B	G1	6443fcf0-39af-48c4-9eea-893ddf33ecdf	
SLU-B	G2-RETE		

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**Table: Combination Definitions, Part 3 of 3**

ComboName	CaseName	GUID	Notes
SLU-B	G2-GUARDRAIL		
SLU-B	G2-PAVIM		
SLU-B	q1k-B		
SLU-B	_Q1k-B		
SLU-B	Q5-FOLLA		
SLU-C	G1	6443fcf0-39af-48c4-9eea-893ddf33ecdf	
SLU-C	G2-RETE		
SLU-C	G2-GUARDRAIL		
SLU-C	G2-PAVIM		
SLU-C	q1k-C		
SLU-C	_Q1k-C		
SLU-C	Q5-FOLLA		
SLE-B	G1	6443fcf0-39af-48c4-9eea-893ddf33ecdf	
SLE-B	G2-RETE		
SLE-B	G2-GUARDRAIL		
SLE-B	G2-PAVIM		
SLE-B	q1k-B		
SLE-B	_Q1k-B		
SLE-B	Q5-FOLLA		
SLE-C	G1	6443fcf0-39af-48c4-9eea-893ddf33ecdf	
SLE-C	G2-RETE		
SLE-C	G2-GUARDRAIL		
SLE-C	G2-PAVIM		
SLE-C	q1k-C		
SLE-C	_Q1k-C		
SLE-C	Q5-FOLLA		
SLU-D	G1	6443fcf0-39af-48c4-9eea-893ddf33ecdf	
SLU-D	G2-RETE		
SLU-D	G2-GUARDRAIL		
SLU-D	G2-PAVIM		
SLU-D	q1k-D		
SLU-D	_Q1k-D		
SLU-E	G1	6443fcf0-39af-48c4-9eea-893ddf33ecdf	
SLU-E	G2-RETE		
SLU-E	G2-GUARDRAIL		
SLU-E	G2-PAVIM		
SLU-E	q1k-E		
SLU-E	_Q1k-E		
SLU-ENVE	SLU-A	63ba2323-4360-4382-9a35-11fe015b7677	
SLU-ENVE	SLU-B		
SLU-ENVE	SLU-C		
SLU-ENVE	SLU-D		
SLU-ENVE	SLU-E		
SLE-D	G1	6443fcf0-39af-48c4-9eea-893ddf33ecdf	
SLE-D	G2-RETE		
SLE-D	G2-GUARDRAIL		
SLE-D	G2-PAVIM		

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**Table: Combination Definitions, Part 3 of 3**

ComboName	CaseName	GUID	Notes
SLE-D	q1k-D		
SLE-D	_Q1k-D		
SLE-D	Q5-FOLLA		
SLE-E	G1	6443fcf0-39af-48c4-9eea-893ddf33ecdf	
SLE-E	G2-RETE		
SLE-E	G2-GUARDRAIL		
SLE-E	G2-PAVIM		
SLE-E	q1k-E		
SLE-E	_Q1k-E		
SLE-E	Q5-FOLLA		
SLE-ENVE	SLE-A	63ba2323-4360-4382-9a35-11fe015b7677	
SLE-ENVE	SLE-B		
SLE-ENVE	SLE-C		
SLE-ENVE	SLE-D		
SLE-ENVE	SLE-E		

**Table: Connectivity - Area, Part 1 of 2**

**Table: Connectivity - Area, Part 1 of 2**

Area	NumJoints	Joint1	Joint2	Joint3	Joint4	Perimeter m	AreaArea m2
1	4	57	1599	2578	2579	1,5	0,125
2	4	2579	2578	1275	55	1,5	0,125
3	4	55	1275	2580	2581	1,5	0,125
4	4	2581	2580	1243	53	1,5	0,125
18	4	53	1243	2582	2583	1,5	0,125
174	4	61	1663	1631	59	2	0,25
175	4	59	1631	1599	57	2	0,25
176	4	2583	2582	1211	51	1,5	0,125
200	4	1599	1600	2584	2578	1,5	0,125
201	4	2578	2584	1276	1275	1,5	0,125
406	4	1663	1664	1632	1631	2	0,25
407	4	1631	1632	1600	1599	2	0,25
408	4	1275	1276	2585	2580	1,5	0,125
467	4	1664	1665	1633	1632	2	0,25
468	4	1632	1633	1601	1600	2	0,25
822	4	1665	115	114	1633	2	0,25
823	4	1633	114	113	1601	2	0,25
1083	4	152	1692	1660	151	2	0,25
1084	4	151	1660	1628	150	2	0,25
1121	4	1692	1693	1661	1660	2	0,25
1122	4	1660	1661	1629	1628	2	0,25
1159	4	1693	1694	1662	1661	2	0,25
1160	4	1661	1662	1630	1629	2	0,25
1197	4	1694	62	60	1662	1,99963	0,249908
1198	4	1662	60	58	1630	1,99963	0,249908
1235	4	115	1666	1634	114	2	0,25
1236	4	114	1634	1602	113	2	0,25
1273	4	1666	374	373	1634	1,4	0,1
1274	4	1634	373	372	1602	1,4	0,1

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Table: Connectivity - Area, Part 1 of 2

Area	NumJoints	Joint1	Joint2	Joint3	Joint4	Perimeter	AreaArea
						m	m2
1311	4	374	1667	1635	373	1,6	0,15
1312	4	373	1635	1603	372	1,6	0,15
1349	4	1667	1668	1636	1635	2	0,25
1350	4	1635	1636	1604	1603	2	0,25
1387	4	1668	1669	1637	1636	2	0,25
1388	4	1636	1637	1605	1604	2	0,25
1425	4	1669	1670	1638	1637	2	0,25
1426	4	1637	1638	1606	1605	2	0,25
1463	4	1670	1671	1639	1638	2	0,25
1464	4	1638	1639	1607	1606	2	0,25
1501	4	1671	1672	1640	1639	2	0,25
1502	4	1639	1640	1608	1607	2	0,25
1539	4	1672	1673	1641	1640	2	0,25
1540	4	1640	1641	1609	1608	2	0,25
1577	4	1673	1674	1642	1641	2	0,25
1578	4	1641	1642	1610	1609	2	0,25
1615	4	1674	1675	1643	1642	2	0,25
1616	4	1642	1643	1611	1610	2	0,25
1653	4	1675	337	336	1643	1,4	0,1
1654	4	1643	336	335	1611	1,4	0,1
1691	4	337	1676	1644	336	1,6	0,15
1692	4	336	1644	1612	335	1,6	0,15
1729	4	1676	1677	1645	1644	2	0,25
1730	4	1644	1645	1613	1612	2	0,25
1767	4	1677	1678	1646	1645	2	0,25
1768	4	1645	1646	1614	1613	2	0,25
1805	4	1678	226	225	1646	2,6	0,4
1806	4	1646	225	224	1614	2,6	0,4
1843	4	189	1679	1647	188	2,2	0,3
1844	4	188	1647	1615	187	2,2	0,3
1881	4	1679	1680	1648	1647	2	0,25
1882	4	1647	1648	1616	1615	2	0,25
1919	4	1680	1681	1649	1648	2	0,25
1920	4	1648	1649	1617	1616	2	0,25
1957	4	1681	300	299	1649	1,6	0,15
1958	4	1649	299	298	1617	1,6	0,15
1995	4	300	1682	1650	299	1,4	0,1
1996	4	299	1650	1618	298	1,4	0,1
2033	4	1682	1683	1651	1650	2	0,25
2034	4	1650	1651	1619	1618	2	0,25
2071	4	1683	1684	1652	1651	2	0,25
2072	4	1651	1652	1620	1619	2	0,25
2109	4	1684	1685	1653	1652	2	0,25
2110	4	1652	1653	1621	1620	2	0,25
2147	4	1685	1686	1654	1653	2	0,25
2148	4	1653	1654	1622	1621	2	0,25
2185	4	1686	1687	1655	1654	2	0,25
2186	4	1654	1655	1623	1622	2	0,25
2223	4	1687	1688	1656	1655	2	0,25
2224	4	1655	1656	1624	1623	2	0,25
2226	4	226	2803	2804	225	1,6	0,15
2227	4	2803	189	188	2804	1,6	0,15
2261	4	1688	1689	1657	1656	2	0,25

AUTOSTRADA VALDASTICO A31 NORD  
1° LOTTO – Piovene Rocchette – Valle dell’Astico

Table: Connectivity - Area, Part 1 of 2

Area	NumJoints	Joint1	Joint2	Joint3	Joint4	Perimeter	AreaArea
						m	m2
2262	4	1656	1657	1625	1624	2	0,25
2263	4	225	2804	2805	224	1,6	0,15
2264	4	2804	188	187	2805	1,6	0,15
2299	4	1689	1690	1658	1657	2	0,25
2300	4	1657	1658	1626	1625	2	0,25
2337	4	1690	263	262	1658	1,6	0,15
2338	4	1658	262	261	1626	1,6	0,15
2375	4	263	1691	1659	262	1,4	0,1
2376	4	262	1659	1627	261	1,4	0,1
2413	4	1691	152	151	1659	2	0,25
2414	4	1659	151	150	1627	2	0,25
2434	4	2580	2585	1244	1243	1,5	0,125
2435	4	1243	1244	2586	2582	1,5	0,125
2436	4	2582	2586	1212	1211	1,5	0,125
2437	4	1600	1601	2587	2584	1,5	0,125
2438	4	2584	2587	1277	1276	1,5	0,125
2439	4	1276	1277	2588	2585	1,5	0,125
2440	4	2585	2588	1245	1244	1,5	0,125
2441	4	1244	1245	2589	2586	1,5	0,125
2442	4	2586	2589	1213	1212	1,5	0,125
2443	4	1601	113	2590	2587	1,5	0,125
2444	4	2587	2590	112	1277	1,5	0,125
2445	4	1277	112	2591	2588	1,5	0,125
2446	4	2588	2591	111	1245	1,5	0,125
2447	4	1245	111	2592	2589	1,5	0,125
2448	4	2589	2592	110	1213	1,5	0,125
2455	4	150	1628	2599	2600	1,5	0,125
2456	4	2600	2599	1596	149	1,5	0,125
2457	4	149	1596	2601	2602	1,5	0,125
2458	4	2602	2601	1272	148	1,5	0,125
2459	4	148	1272	2603	2604	1,5	0,125
2460	4	2604	2603	1240	147	1,5	0,125
2461	4	1628	1629	2605	2599	1,5	0,125
2462	4	2599	2605	1597	1596	1,5	0,125
2463	4	1596	1597	2606	2601	1,5	0,125
2464	4	2601	2606	1273	1272	1,5	0,125
2465	4	1272	1273	2607	2603	1,5	0,125
2466	4	2603	2607	1241	1240	1,5	0,125
2467	4	1629	1630	2608	2605	1,5	0,125
2468	4	2605	2608	1598	1597	1,5	0,125
2469	4	1597	1598	2609	2606	1,5	0,125
2470	4	2606	2609	1274	1273	1,5	0,125
2471	4	1273	1274	2610	2607	1,5	0,125
2472	4	2607	2610	1242	1241	1,5	0,125
2473	4	1630	58	2611	2608	1,49963	0,124954
2474	4	2608	2611	56	1598	1,49963	0,124954
2475	4	1598	56	2612	2609	1,49963	0,124954
2476	4	2609	2612	54	1274	1,49963	0,124954
2477	4	1274	54	2613	2610	1,49963	0,124954
2478	4	2610	2613	52	1242	1,49963	0,124954
2479	4	113	1602	2614	2590	1,5	0,125
2480	4	2590	2614	1278	112	1,5	0,125
2481	4	112	1278	2615	2591	1,5	0,125

AUTOSTRADA VALDASTICO A31 NORD  
1° LOTTO – Piovone Rocchette – Valle dell’Astico

Table: Connectivity - Area, Part 1 of 2

Area	NumJoints	Joint1	Joint2	Joint3	Joint4	Perimeter m	AreaArea m2
2482	4	2591	2615	1246	111	1,5	0,125
2483	4	111	1246	2616	2592	1,5	0,125
2484	4	2592	2616	1214	110	1,5	0,125
2485	4	1602	372	2617	2614	0,9	0,05
2486	4	2614	2617	371	1278	0,9	0,05
2487	4	1278	371	2618	2615	0,9	0,05
2488	4	2615	2618	370	1246	0,9	0,05
2489	4	1246	370	2619	2616	0,9	0,05
2490	4	2616	2619	369	1214	0,9	0,05
2491	4	372	1603	2620	2617	1,1	0,075
2492	4	2617	2620	1279	371	1,1	0,075
2493	4	371	1279	2621	2618	1,1	0,075
2494	4	2618	2621	1247	370	1,1	0,075
2495	4	370	1247	2622	2619	1,1	0,075
2496	4	2619	2622	1215	369	1,1	0,075
2497	4	1603	1604	2623	2620	1,5	0,125
2498	4	2620	2623	1280	1279	1,5	0,125
2499	4	1279	1280	2624	2621	1,5	0,125
2500	4	2621	2624	1248	1247	1,5	0,125
2501	4	1247	1248	2625	2622	1,5	0,125
2502	4	2622	2625	1216	1215	1,5	0,125
2503	4	1604	1605	2626	2623	1,5	0,125
2504	4	2623	2626	1281	1280	1,5	0,125
2505	4	1280	1281	2627	2624	1,5	0,125
2506	4	2624	2627	1249	1248	1,5	0,125
2507	4	1248	1249	2628	2625	1,5	0,125
2508	4	2625	2628	1217	1216	1,5	0,125
2509	4	1605	1606	2629	2626	1,5	0,125
2510	4	2626	2629	1282	1281	1,5	0,125
2511	4	1281	1282	2630	2627	1,5	0,125
2512	4	2627	2630	1250	1249	1,5	0,125
2513	4	1249	1250	2631	2628	1,5	0,125
2514	4	2628	2631	1218	1217	1,5	0,125
2515	4	1606	1607	2632	2629	1,5	0,125
2516	4	2629	2632	1283	1282	1,5	0,125
2517	4	1282	1283	2633	2630	1,5	0,125
2518	4	2630	2633	1251	1250	1,5	0,125
2519	4	1250	1251	2634	2631	1,5	0,125
2520	4	2631	2634	1219	1218	1,5	0,125
2521	4	1607	1608	2635	2632	1,5	0,125
2522	4	2632	2635	1284	1283	1,5	0,125
2523	4	1283	1284	2636	2633	1,5	0,125
2524	4	2633	2636	1252	1251	1,5	0,125
2525	4	1251	1252	2637	2634	1,5	0,125
2526	4	2634	2637	1220	1219	1,5	0,125
2527	4	1608	1609	2638	2635	1,5	0,125
2528	4	2635	2638	1285	1284	1,5	0,125
2529	4	1284	1285	2639	2636	1,5	0,125
2530	4	2636	2639	1253	1252	1,5	0,125
2531	4	1252	1253	2640	2637	1,5	0,125
2532	4	2637	2640	1221	1220	1,5	0,125
2533	4	1609	1610	2641	2638	1,5	0,125
2534	4	2638	2641	1286	1285	1,5	0,125

AUTOSTRADA VALDASTICO A31 NORD  
1° LOTTO – Piovene Rocchette – Valle dell’Astico

Table: Connectivity - Area, Part 1 of 2

Area	NumJoints	Joint1	Joint2	Joint3	Joint4	Perimeter m	AreaArea m2
2535	4	1285	1286	2642	2639	1,5	0,125
2536	4	2639	2642	1254	1253	1,5	0,125
2537	4	1253	1254	2643	2640	1,5	0,125
2538	4	2640	2643	1222	1221	1,5	0,125
2539	4	1610	1611	2644	2641	1,5	0,125
2540	4	2641	2644	1287	1286	1,5	0,125
2541	4	1286	1287	2645	2642	1,5	0,125
2542	4	2642	2645	1255	1254	1,5	0,125
2543	4	1254	1255	2646	2643	1,5	0,125
2544	4	2643	2646	1223	1222	1,5	0,125
2545	4	1611	335	2647	2644	0,9	0,05
2546	4	2644	2647	334	1287	0,9	0,05
2547	4	1287	334	2648	2645	0,9	0,05
2548	4	2645	2648	333	1255	0,9	0,05
2549	4	1255	333	2649	2646	0,9	0,05
2550	4	2646	2649	332	1223	0,9	0,05
2551	4	335	1612	2650	2647	1,1	0,075
2552	4	2647	2650	1288	334	1,1	0,075
2553	4	334	1288	2651	2648	1,1	0,075
2554	4	2648	2651	1256	333	1,1	0,075
2555	4	333	1256	2652	2649	1,1	0,075
2556	4	2649	2652	1224	332	1,1	0,075
2557	4	1612	1613	2653	2650	1,5	0,125
2558	4	2650	2653	1289	1288	1,5	0,125
2559	4	1288	1289	2654	2651	1,5	0,125
2560	4	2651	2654	1257	1256	1,5	0,125
2561	4	1256	1257	2655	2652	1,5	0,125
2562	4	2652	2655	1225	1224	1,5	0,125
2563	4	1613	1614	2656	2653	1,5	0,125
2564	4	2653	2656	1290	1289	1,5	0,125
2565	4	1289	1290	2657	2654	1,5	0,125
2566	4	2654	2657	1258	1257	1,5	0,125
2567	4	1257	1258	2658	2655	1,5	0,125
2568	4	2655	2658	1226	1225	1,5	0,125
2569	4	1614	224	2594	2656	2,1	0,2
2570	4	2656	2594	223	1290	2,1	0,2
2571	4	1290	223	2596	2657	2,1	0,2
2572	4	2657	2596	222	1258	2,1	0,2
2573	4	1258	222	2598	2658	2,1	0,2
2574	4	2658	2598	221	1226	2,1	0,2
2575	4	187	1615	2659	2593	1,7	0,15
2576	4	2593	2659	1291	186	1,7	0,15
2577	4	186	1291	2660	2595	1,7	0,15
2578	4	2595	2660	1259	185	1,7	0,15
2579	4	185	1259	2661	2597	1,7	0,15
2580	4	2597	2661	1227	184	1,7	0,15
2581	4	1615	1616	2662	2659	1,5	0,125
2582	4	2659	2662	1292	1291	1,5	0,125
2583	4	1291	1292	2663	2660	1,5	0,125
2584	4	2660	2663	1260	1259	1,5	0,125
2585	4	1259	1260	2664	2661	1,5	0,125
2586	4	2661	2664	1228	1227	1,5	0,125
2587	4	1616	1617	2665	2662	1,5	0,125

AUTOSTRADA VALDASTICO A31 NORD  
1° LOTTO – Piovene Rocchette – Valle dell’Astico

Table: Connectivity - Area, Part 1 of 2

Area	NumJoints	Joint1	Joint2	Joint3	Joint4	Perimeter m	AreaArea m2
2588	4	2662	2665	1293	1292	1,5	0,125
2589	4	1292	1293	2666	2663	1,5	0,125
2590	4	2663	2666	1261	1260	1,5	0,125
2591	4	1260	1261	2667	2664	1,5	0,125
2592	4	2664	2667	1229	1228	1,5	0,125
2593	4	1617	298	2668	2665	1,1	0,075
2594	4	2665	2668	297	1293	1,1	0,075
2595	4	1293	297	2669	2666	1,1	0,075
2596	4	2666	2669	296	1261	1,1	0,075
2597	4	1261	296	2670	2667	1,1	0,075
2598	4	2667	2670	295	1229	1,1	0,075
2599	4	298	1618	2671	2668	0,9	0,05
2600	4	2668	2671	1294	297	0,9	0,05
2601	4	297	1294	2672	2669	0,9	0,05
2602	4	2669	2672	1262	296	0,9	0,05
2603	4	296	1262	2673	2670	0,9	0,05
2604	4	2670	2673	1230	295	0,9	0,05
2605	4	1618	1619	2674	2671	1,5	0,125
2606	4	2671	2674	1295	1294	1,5	0,125
2607	4	1294	1295	2675	2672	1,5	0,125
2608	4	2672	2675	1263	1262	1,5	0,125
2609	4	1262	1263	2676	2673	1,5	0,125
2610	4	2673	2676	1231	1230	1,5	0,125
2611	4	1619	1620	2677	2674	1,5	0,125
2612	4	2674	2677	1296	1295	1,5	0,125
2613	4	1295	1296	2678	2675	1,5	0,125
2614	4	2675	2678	1264	1263	1,5	0,125
2615	4	1263	1264	2679	2676	1,5	0,125
2616	4	2676	2679	1232	1231	1,5	0,125
2617	4	1620	1621	2680	2677	1,5	0,125
2618	4	2677	2680	1297	1296	1,5	0,125
2619	4	1296	1297	2681	2678	1,5	0,125
2620	4	2678	2681	1265	1264	1,5	0,125
2621	4	1264	1265	2682	2679	1,5	0,125
2622	4	2679	2682	1233	1232	1,5	0,125
2623	4	1621	1622	2683	2680	1,5	0,125
2624	4	2680	2683	1298	1297	1,5	0,125
2625	4	1297	1298	2684	2681	1,5	0,125
2626	4	2681	2684	1266	1265	1,5	0,125
2627	4	1265	1266	2685	2682	1,5	0,125
2628	4	2682	2685	1234	1233	1,5	0,125
2629	4	1622	1623	2686	2683	1,5	0,125
2630	4	2683	2686	1299	1298	1,5	0,125
2631	4	1298	1299	2687	2684	1,5	0,125
2632	4	2684	2687	1267	1266	1,5	0,125
2633	4	1266	1267	2688	2685	1,5	0,125
2634	4	2685	2688	1235	1234	1,5	0,125
2635	4	1623	1624	2689	2686	1,5	0,125
2636	4	2686	2689	1300	1299	1,5	0,125
2637	4	1299	1300	2690	2687	1,5	0,125
2638	4	2687	2690	1268	1267	1,5	0,125
2639	4	1267	1268	2691	2688	1,5	0,125
2640	4	2688	2691	1236	1235	1,5	0,125



AUTOSTRADA VALDASTICO A31 NORD  
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**Table: Connectivity - Area, Part 1 of 2**

Area	NumJoints	Joint1	Joint2	Joint3	Joint4	Perimeter m	AreaArea m2
2641	4	1624	1625	2692	2689	1,5	0,125
2642	4	2689	2692	1301	1300	1,5	0,125
2643	4	1300	1301	2693	2690	1,5	0,125
2644	4	2690	2693	1269	1268	1,5	0,125
2645	4	1268	1269	2694	2691	1,5	0,125
2646	4	2691	2694	1237	1236	1,5	0,125
2647	4	1625	1626	2695	2692	1,5	0,125
2648	4	2692	2695	1302	1301	1,5	0,125
2649	4	1301	1302	2696	2693	1,5	0,125
2650	4	2693	2696	1270	1269	1,5	0,125
2651	4	1269	1270	2697	2694	1,5	0,125
2652	4	2694	2697	1238	1237	1,5	0,125
2653	4	1626	261	2698	2695	1,1	0,075
2654	4	2695	2698	260	1302	1,1	0,075
2655	4	1302	260	2699	2696	1,1	0,075
2656	4	2696	2699	259	1270	1,1	0,075
2657	4	1270	259	2700	2697	1,1	0,075
2658	4	2697	2700	258	1238	1,1	0,075
2659	4	261	1627	2701	2698	0,9	0,05
2660	4	2698	2701	1303	260	0,9	0,05
2661	4	260	1303	2702	2699	0,9	0,05
2662	4	2699	2702	1271	259	0,9	0,05
2663	4	259	1271	2703	2700	0,9	0,05
2664	4	2700	2703	1239	258	0,9	0,05
2665	4	1627	150	2600	2701	1,5	0,125
2666	4	2701	2600	149	1303	1,5	0,125
2667	4	1303	149	2602	2702	1,5	0,125
2668	4	2702	2602	148	1271	1,5	0,125
2669	4	1271	148	2604	2703	1,5	0,125
2670	4	2703	2604	147	1239	1,5	0,125
2690	4	224	2805	2823	2594	1,1	0,075
2691	4	2805	187	2593	2823	1,1	0,075
2692	4	2594	2823	2824	223	1,1	0,075
2693	4	2823	2593	186	2824	1,1	0,075
2694	4	223	2824	2825	2596	1,1	0,075
2695	4	2824	186	2595	2825	1,1	0,075
2696	4	2596	2825	2826	222	1,1	0,075
2697	4	2825	2595	185	2826	1,1	0,075
2698	4	222	2826	2827	2598	1,1	0,075
2699	4	2826	185	2597	2827	1,1	0,075
2700	4	2598	2827	2806	221	1,1	0,075
2701	4	2827	2597	184	2806	1,1	0,075

**Table: Connectivity - Area, Part 2 of 2**

**Table: Connectivity - Area, Part 2 of 2**

Area	Volume m3	CentroidX m	CentroidY m	CentroidZ m	GUID
1	0,05625	5,25	14,625	0	34fde6dd-d182-436f-a05c-0debf407bc84
2	0,05625	5,25	14,875	0	302c7724-44a1-42b1-9a96-6606be201f67

AUTOSTRADA VALDASTICO A31 NORD  
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**Table: Connectivity - Area, Part 2 of 2**

Area	Volume m3	CentroidX m	CentroidY m	CentroidZ m	GUID
3	0,05625	5,25	15,125	0	f168fac3-b614-464b-8ffa-e8b8f97c3670
4	0,05625	5,25	15,375	0	7768628b-5963-486e-a770-ef26e2949342
18	0,05625	5,25	15,625	0	b263f48f-d1de-48e1-91c5-3611bb79c58d
174	0,1125	5,25	13,75	0	8fae7e89-536b-40d8-bfbb-99c88688ecb1
175	0,1125	5,25	14,25	0	1678cea7-2caf-481d-ba2f-c72bca3db7b6
176	0,05625	5,25	15,875	0	df1cb7b5-c8fa-410a-995c-bf2acdb9f1cf
200	0,05625	5,75	14,625	0	1dc1a61a-3a15-48db-ba61-40db0e4d5dd9
201	0,05625	5,75	14,875	0	c74cd5bd-1fdc-465f-b52f-f551eda7f71f
406	0,1125	5,75	13,75	0	ba844bae-5bba-468f-8106-817f82769989
407	0,1125	5,75	14,25	0	28529a44-cea1-4d2d-b92c-0d7c72d50c2c
408	0,05625	5,75	15,125	0	9888140e-878d-4e63-a51d-a6c44b21bf4e
467	0,1125	6,25	13,75	0	4173df08-5928-487b-b1da-c0aaa6e14ac6
468	0,1125	6,25	14,25	0	e44b4cce-b92b-4c2c-8cba-d7cd9017aef8
822	0,1125	6,75	13,75	0	af3c4f7b-8498-41d0-abcc-d53941c87482
823	0,1125	6,75	14,25	0	d3ed2ffe-d11b-4785-918a-821bf4bd6a33
1083	0,1125	22,25	13,75	0	283b89c9-fbbc-413d-9310-d6c9b21059a2
1084	0,1125	22,25	14,25	0	10f92f80-7428-40c0-ba66-f3f83d432f3b
1121	0,1125	22,75	13,75	0	636ee34d-ae62-46d3-9ac9-ecebf7eb6374
1122	0,1125	22,75	14,25	0	dd101a13-40b5-4495-9070-2610e61f96f7
1159	0,1125	23,25	13,75	0	b6f37243-3ce3-4d54-98a6-51f153035e40
1160	0,1125	23,25	14,25	0	0812a7d5-3f48-4b47-8d3a-1e2145a99939
1197	0,112458	23,74991	13,75	0	5a508840-301b-4977-996c-cc7ebb6496e4
1198	0,112458	23,74991	14,25	0	a1047ce5-95a4-4388-9a90-b0d2fb12e704
1235	0,0775	7,25	13,75	0	52c9f2fd-46aa-4722-9836-59871b1353be
1236	0,0775	7,25	14,25	0	216623d5-61d8-42dc-b554-098a924c12b2
1273	0,031	7,6	13,75	0	a7070ecf-d702-44d7-829c-1c6a81583716
1274	0,031	7,6	14,25	0	c3eed21d-b9e0-479e-9595-d6c43a977fa7
1311	0,0465	7,85	13,75	0	8cbf88c4-c3c8-497c-a1f1-06ee1d6b9b69
1312	0,0465	7,85	14,25	0	5c00035b-e241-4894-9ad4-b0be0c100ffe

AUTOSTRADA VALDASTICO A31 NORD  
1° LOTTO – Piovene Rocchette – Valle dell’Astico

**Table: Connectivity - Area, Part 2 of 2**

Area	Volume m3	CentroidX m	CentroidY m	CentroidZ m	GUID
1349	0,0775	8,25	13,75	0	10172361-03a7-48a3-bddd-d9da2beacedb
1350	0,0775	8,25	14,25	0	fc75bff9-f4d5-4cd6-9faa-233f2b347663
1387	0,0775	8,75	13,75	0	234e3a67-1475-40c5-88d4-a7414ef321b3
1388	0,0775	8,75	14,25	0	9745ea69-44bc-457d-936a-f4209c4277ef
1425	0,0775	9,25	13,75	0	1af5311d-cf9b-4b74-acc3-48dda34febc0
1426	0,0775	9,25	14,25	0	0541ccb4-9a58-4614-b1ab-1d88c1a002ee
1463	0,0775	9,75	13,75	0	e9ed21bd-352d-4c23-95f2-0638c1806217
1464	0,0775	9,75	14,25	0	2a338709-fa4e-476c-b33a-719e285c23ee
1501	0,0775	10,25	13,75	0	ab7a7970-7872-4708-b9b9-09dedcb42636
1502	0,0775	10,25	14,25	0	6c5b4b60-ba17-4175-ba8b-ba6af90b9ca5
1539	0,0775	10,75	13,75	0	24825ea3-0bfe-4e0f-a7d6-19fd8323ef56
1540	0,0775	10,75	14,25	0	d3d60e17-d1df-47f8-a7da-1a1367c2bf86
1577	0,0775	11,25	13,75	0	f8db69b2-4fb8-4dc0-b751-76532e57a36a
1578	0,0775	11,25	14,25	0	91181835-c745-40b7-ade3-df2b28197396
1615	0,0775	11,75	13,75	0	fe690d6c-9882-4f38-91c8-105b2ea7c998
1616	0,0775	11,75	14,25	0	d59c283b-6158-4807-b1e9-8c7848d2d410
1653	0,031	12,1	13,75	0	1963c35b-ab8c-4bfd-ae27-01a179e4666f
1654	0,031	12,1	14,25	0	77d3ac4a-65d6-43ba-a07c-be2cacb84c14
1691	0,0465	12,35	13,75	0	9f4b77f9-af87-4fb8-86ab-4051e9affb4f
1692	0,0465	12,35	14,25	0	19228a35-1a0b-43eb-a99b-9c8fc47fe748
1729	0,0775	12,75	13,75	0	df739ed4-1ebc-4083-867c-a42850d0bf10
1730	0,0775	12,75	14,25	0	43ee114a-744f-4282-8526-01bfca8ff7b7
1767	0,0775	13,25	13,75	0	2c9a486c-7ad6-43be-9313-76b53c3b117e
1768	0,0775	13,25	14,25	0	9eaf9af5-e58b-4f91-99ad-111a13503e06
1805	0,124	13,9	13,75	0	ce2474b9-2548-4fa7-825a-d326bb8e9fdd
1806	0,124	13,9	14,25	0	a6c0f0f3-480f-460d-a526-23ce5a5f3541
1843	0,093	15,2	13,75	0	ec0e2b26-7230-4071-ba04-af162424810f
1844	0,093	15,2	14,25	0	b63a5458-b1b5-48af-abc8-7bc4b73c854e
1881	0,0775	15,75	13,75	0	b3c2db0b-331c-45d4-9961-d94d71011bf8

AUTOSTRADA VALDASTICO A31 NORD  
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**Table: Connectivity - Area, Part 2 of 2**

Area	Volume m3	CentroidX m	CentroidY m	CentroidZ m	GUID
1882	0,0775	15,75	14,25	0	5823b726-dc48-4768-8bcf-09e5c2db2f06
1919	0,0775	16,25	13,75	0	216976e9-1b12-4391-9f08-a460e1ecf03f
1920	0,0775	16,25	14,25	0	d16b3083-4616-4e69-8d92-6d0fbe3b6da6
1957	0,0465	16,65	13,75	0	73a842c5-6a39-43f4-967b-a6ca55f427c4
1958	0,0465	16,65	14,25	0	168ff712-2dbd-44e9-af5c-a4d6fd41d187
1995	0,031	16,9	13,75	0	32a03670-78b3-4434-bcf1-131e14f7e17f
1996	0,031	16,9	14,25	0	9a15c21d-566c-4ca5-96ad-2c327dc773d4
2033	0,0775	17,25	13,75	0	eb8edacd-330c-4ec5-8eea-e4c899e6d856
2034	0,0775	17,25	14,25	0	87628bcf-bed9-4b8a-8a75-7081c1d3fa5e
2071	0,0775	17,75	13,75	0	6a859615-4985-4a8a-a8fc-2f92a8bd2bf8
2072	0,0775	17,75	14,25	0	bf09dd95-aa53-4564-a22d-2d8283c11581
2109	0,0775	18,25	13,75	0	1d10fb2c-55ea-4e13-aad9-3f57ce12e395
2110	0,0775	18,25	14,25	0	d9b59bc4-3c4f-4751-8588-6fd405a6091e
2147	0,0775	18,75	13,75	0	1cfe9c06-a77a-4d49-8ea3-7a562f0de326
2148	0,0775	18,75	14,25	0	4e7c067c-5af5-420e-80ff-43c345cc74e4
2185	0,0775	19,25	13,75	0	ff10bb30-cd78-46c3-b1b0-7789941ea843
2186	0,0775	19,25	14,25	0	870abb0d-3b69-47ab-b498-c2ddf0fb3995
2223	0,0775	19,75	13,75	0	64257604-fc14-4bd6-a449-65b9da9bcd9
2224	0,0775	19,75	14,25	0	f39ab5a2-36dd-4ab4-b47f-e951bc2f3526
2226	0,0675	14,45	13,75	0	bff7bc8f-a68b-47ba-b78b-316e30e9c06a
2227	0,0675	14,75	13,75	0	01c22eca-95dc-4c04-85da-2a52e1352f8c
2261	0,0775	20,25	13,75	0	47fb52b4-f0f3-46da-9ac6-d9fc5be8dae0
2262	0,0775	20,25	14,25	0	0fdf5d3b-cb8a-49c1-bcac-586844c8be07
2263	0,0675	14,45	14,25	0	09a097bf-d5b8-4054-869e-6bcbcdf0f4ce
2264	0,0675	14,75	14,25	0	48b182ca-d8ec-4dcd-8cc8-37201c36b65c
2299	0,0775	20,75	13,75	0	e93d2d7b-2309-488d-b1a7-dc9264d7d915
2300	0,0775	20,75	14,25	0	3b038bf5-00a4-4325-a17b-4ace8a21af31
2337	0,0465	21,15	13,75	0	12541e8d-f096-431b-81d0-cebad4784c44
2338	0,0465	21,15	14,25	0	59d111fa-fac8-4a60-854d-04c2e890c666

AUTOSTRADA VALDASTICO A31 NORD  
1° LOTTO – Piovene Rocchette – Valle dell’Astico

**Table: Connectivity - Area, Part 2 of 2**

Area	Volume m3	CentroidX m	CentroidY m	CentroidZ m	GUID
2375	0,031	21,4	13,75	0	3128b187-6fe8-4c68-8c17-c33608af0779
2376	0,031	21,4	14,25	0	b9f6c804-b299-425d-9bcc-8889e159d158
2413	0,0775	21,75	13,75	0	028712b4-5505-4f90-812d-ba21dde7530b
2414	0,0775	21,75	14,25	0	408c4cd7-ab51-4673-b7eb-4185946788d5
2434	0,05625	5,75	15,375	0	e066353d-f3f8-4acb-ba1a-acf8167412f0
2435	0,05625	5,75	15,625	0	87d832e7-0416-4127-9233-c8d8fe4c38d4
2436	0,05625	5,75	15,875	0	3d79f2a6-7a50-4194-90d4-218c88d19857
2437	0,05625	6,25	14,625	0	c21e2cee-e556-4f8f-8f32-dee865dc1c35
2438	0,05625	6,25	14,875	0	e8fcdb88-8284-4041-ab3a-538fa530862a
2439	0,05625	6,25	15,125	0	122ff711-45bb-4d80-8fba-b3593171afdc
2440	0,05625	6,25	15,375	0	6bd333d7-4371-402b-a5c6-6061e992ab82
2441	0,05625	6,25	15,625	0	d1f73401-8af6-4852-bcbc-2fbac5c09f62
2442	0,05625	6,25	15,875	0	10dd9e8c-a028-40dd-a2ac-9c8e8b82412e
2443	0,05625	6,75	14,625	0	4cf348e9-e784-4512-b119-86b22f14bbf2
2444	0,05625	6,75	14,875	0	6c1c3b7f-fa17-44c1-8e74-33c3047d344e
2445	0,05625	6,75	15,125	0	67ac52a8-8921-47db-a86d-f35e4b85d4d2
2446	0,05625	6,75	15,375	0	04adc26d-9b5f-4705-8714-eceda8cd97e6
2447	0,05625	6,75	15,625	0	a281af66-ddd1-4326-8496-854da40cbd4a
2448	0,05625	6,75	15,875	0	3b5fa281-3eec-42b9-8e95-35dea6959497
2455	0,05625	22,25	14,625	0	995a35b8-83bb-4762-81d8-fe726f95713f
2456	0,05625	22,25	14,875	0	de97a033-c276-42c1-9976-3c92364c4a3a
2457	0,05625	22,25	15,125	0	cec55e0c-cb0c-493c-9a68-84f7f7c5f65a
2458	0,05625	22,25	15,375	0	43bf446d-3644-48e6-86ba-948c77caae34
2459	0,05625	22,25	15,625	0	1768d548-1c04-4feb-b2b5-a47c0f1d2636
2460	0,05625	22,25	15,875	0	28f017c3-39bd-4640-b2e4-ca08a5413312
2461	0,05625	22,75	14,625	0	6402a21f-1061-4895-81ac-3b3e2789222d
2462	0,05625	22,75	14,875	0	dfc02464-e684-4542-a773-011b0057befa
2463	0,05625	22,75	15,125	0	d2120ab3-23cc-4284-b083-a388f04045d1
2464	0,05625	22,75	15,375	0	af46ec56-6451-4437-95f0-77e1e9c4fddb

AUTOSTRADA VALDASTICO A31 NORD  
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**Table: Connectivity - Area, Part 2 of 2**

Area	Volume m3	CentroidX m	CentroidY m	CentroidZ m	GUID
2465	0,05625	22,75	15,625	0	ec4e6a63-36c8-45fe-a220-ed72cfd684cd
2466	0,05625	22,75	15,875	0	289bd089-db95-437d-a684-8d7a812c0b19
2467	0,05625	23,25	14,625	0	a3444071-4f48-4777-a58a-8311c32ab37c
2468	0,05625	23,25	14,875	0	6285b266-3b83-47f4-96f8-0673de753ae7
2469	0,05625	23,25	15,125	0	c417d3a5-4abb-449e-9fb2-c2cb0efa329
2470	0,05625	23,25	15,375	0	b6862fab-65a4-4592-955e-d8f0138f81a3
2471	0,05625	23,25	15,625	0	cfedb712-e1c8-4103-893d-81c071c3f3d4
2472	0,05625	23,25	15,875	0	91923db4-9e3c-47d8-bba9-eabadfa378cd
2473	0,056229	23,74991	14,625	0	04010463-d877-4eb3-bc18-9b85456d84d3
2474	0,056229	23,74991	14,875	0	a2b2a592-4eaf-4531-aa8d-95d07d65f726
2475	0,056229	23,74991	15,125	0	45ca2ab0-a0bb-4045-8389-91463b173c69
2476	0,056229	23,74991	15,375	0	70ca11fa-f98c-406a-9ba7-4e0a7763ff97
2477	0,056229	23,74991	15,625	0	92d90f4b-38e6-4514-9ddb-ebd150ad06b6
2478	0,056229	23,74991	15,875	0	c2f28771-d28f-4ed1-a3b6-e16eb84ce5e2
2479	0,03875	7,25	14,625	0	93472b32-1b07-4cce-888b-c32e5db4754c
2480	0,03875	7,25	14,875	0	4dc2d0b6-3a43-4f79-bbf7-7dbca70be162
2481	0,03875	7,25	15,125	0	fd52cfa4-20a8-4163-8c56-e843a30139a0
2482	0,03875	7,25	15,375	0	3d81bd8e-7582-4bde-b743-ee17900d8555
2483	0,03875	7,25	15,625	0	f0cd9367-eb49-4ff5-885a-863be83a01a7
2484	0,03875	7,25	15,875	0	9fab31d2-a33b-4a14-82ee-2484ba05b3de
2485	0,0155	7,6	14,625	0	4c3fc08f-00e7-4aba-9fa6-ce338d02e977
2486	0,0155	7,6	14,875	0	7944e7e8-43e0-477f-8b2a-758a76433eb1
2487	0,0155	7,6	15,125	0	fd887efd-a678-4f4f-9087-b9e86fdd4c25
2488	0,0155	7,6	15,375	0	e4a2b178-45c3-4977-a302-e1bcf37e0192
2489	0,0155	7,6	15,625	0	86b8502f-7a07-4625-a996-7b5876d2a855
2490	0,0155	7,6	15,875	0	7b5ed60d-a2e6-48bc-b9d3-3df754ee0a30
2491	0,02325	7,85	14,625	0	d8248a09-8c75-4cd9-981b-94f632aaf9ea
2492	0,02325	7,85	14,875	0	701bc0e3-cc24-4a36-92f2-c7134d4a10a4
2493	0,02325	7,85	15,125	0	36e1ab89-8b79-48f3-a46d-525b551b63ec

AUTOSTRADA VALDASTICO A31 NORD  
1° LOTTO – Piovene Rocchette – Valle dell’Astico

**Table: Connectivity - Area, Part 2 of 2**

Area	Volume m3	CentroidX m	CentroidY m	CentroidZ m	GUID
2494	0,02325	7,85	15,375	0	bde17743-6a94-45b3-88ca-24db26d6d6f6
2495	0,02325	7,85	15,625	0	868518ca-bb42-4ae1-86f4-7ae420f7344a
2496	0,02325	7,85	15,875	0	66c81133-87d5-4d7a-b7a2-b787df717d59
2497	0,03875	8,25	14,625	0	c79f6e75-fb3e-460d-b935-f12672a1db2e
2498	0,03875	8,25	14,875	0	0762346d-b6cf-4cff-b08e-35dee53c7a32
2499	0,03875	8,25	15,125	0	30e18ee1-4651-4aeb-98bc-9838b7bb2d5d
2500	0,03875	8,25	15,375	0	f550574e-1c4e-432f-b03f-681fed8d2fa0
2501	0,03875	8,25	15,625	0	14acbe12-6dea-41db-b777-c9bc11d7fe04
2502	0,03875	8,25	15,875	0	88976524-0bc2-4440-827c-7e3d6526bf5f
2503	0,03875	8,75	14,625	0	f26760af-f797-46e2-b22f-5c79d0b70f44
2504	0,03875	8,75	14,875	0	5972adac-2626-4aca-8c37-1cd8d64bb7fd
2505	0,03875	8,75	15,125	0	4c756096-3714-4963-9eb0-53b54fed4399
2506	0,03875	8,75	15,375	0	457c89cc-35c6-41da-a9a1-8da908f0baf3
2507	0,03875	8,75	15,625	0	fd2768e6-29a4-45ef-b819-59eb8ae9eaa6
2508	0,03875	8,75	15,875	0	cc799fb1-547d-407d-af85-cb4a276d0947
2509	0,03875	9,25	14,625	0	06ab3c53-f292-464b-9b48-16f458313b77
2510	0,03875	9,25	14,875	0	58b6e886-cadb-402a-94b9-bcc44c7bf35f
2511	0,03875	9,25	15,125	0	8d9b36a2-0be4-4d13-8cfc-bbad5b761ea2
2512	0,03875	9,25	15,375	0	766b6f70-963d-49fa-9c64-b15b36590054
2513	0,03875	9,25	15,625	0	c1707b84-285f-4ce6-90cd-7d0c9a7725b1
2514	0,03875	9,25	15,875	0	34f84f52-a0d2-47ef-83d3-fbacb01710fe
2515	0,03875	9,75	14,625	0	c279f1e8-da14-49d0-b3c6-a5624633c02f
2516	0,03875	9,75	14,875	0	d53dda66-9d67-455d-b4b5-e2dd833abe7d
2517	0,03875	9,75	15,125	0	43d907e2-6ced-4606-913a-13cfbf567090
2518	0,03875	9,75	15,375	0	1e4130e0-3ce4-44d2-814c-8419d92b2b9d
2519	0,03875	9,75	15,625	0	7740de3d-88b5-4999-bf58-02bfa9016bf4
2520	0,03875	9,75	15,875	0	32602c88-2de4-4116-9909-d6201e38b36d
2521	0,03875	10,25	14,625	0	1c89b97a-e444-4a31-b11f-5b0862e59f70
2522	0,03875	10,25	14,875	0	1f29ae6a-104f-41d9-8411-4d7ad061c376

AUTOSTRADA VALDASTICO A31 NORD  
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**Table: Connectivity - Area, Part 2 of 2**

Area	Volume m3	CentroidX m	CentroidY m	CentroidZ m	GUID
2523	0,03875	10,25	15,125	0	0a2c0c04-da7a-433c-b852-b9d9dc566839
2524	0,03875	10,25	15,375	0	5a02ccfb-7a09-4873-a640-57105874a970
2525	0,03875	10,25	15,625	0	a47c7ba2-c1bc-444f-9a61-70e4ca3258c1
2526	0,03875	10,25	15,875	0	06fc8eb8-bdce-4fa1-bbef-29d3ee065976
2527	0,03875	10,75	14,625	0	84856ca4-444b-4a8d-a5cc-34318b0e0c85
2528	0,03875	10,75	14,875	0	d23a3485-da8d-4ff5-9a3a-0258ee8c4366
2529	0,03875	10,75	15,125	0	92687ef7-ebe4-4407-bf77-c1014c8a011e
2530	0,03875	10,75	15,375	0	1e48e041-1c0b-469d-873b-0d6b246e66b4
2531	0,03875	10,75	15,625	0	1ce46bf0-512e-4d0e-aeed-e3ba23379038
2532	0,03875	10,75	15,875	0	e1891f85-60f2-4115-a2f9-061da016eac5
2533	0,03875	11,25	14,625	0	5efa3f52-0325-422d-88d9-5f9dc31ed93e
2534	0,03875	11,25	14,875	0	f32a95af-1f62-4f1a-ab58-1b33ab8ee8be
2535	0,03875	11,25	15,125	0	9eccc6e3-61ea-4393-b425-e155f9056cab
2536	0,03875	11,25	15,375	0	19c38c81-47a3-47d1-b637-6e0b2a728843
2537	0,03875	11,25	15,625	0	9802290b-a3f6-4adb-8fa6-afee13105bf4
2538	0,03875	11,25	15,875	0	81b6c94a-d930-4663-adff-df6f4a234010
2539	0,03875	11,75	14,625	0	b85ebf22-7f20-49cb-abd0-3e1e7f463b18
2540	0,03875	11,75	14,875	0	b58134c9-b2df-44ac-881f-62797ce7edbe
2541	0,03875	11,75	15,125	0	80dd608c-814b-4c87-a31c-ad9f102cbd87
2542	0,03875	11,75	15,375	0	f63cf271-82a6-4e4d-918c-a04d42bf101e
2543	0,03875	11,75	15,625	0	27c14961-2052-4ea6-b892-2791c8158804
2544	0,03875	11,75	15,875	0	0ed703cb-7504-4a05-935a-5a688ba974c9
2545	0,0155	12,1	14,625	0	0b4d4ec2-c615-4ae7-ac85-43a4feeb0349
2546	0,0155	12,1	14,875	0	5e744a53-c20e-469b-86a8-f6c339838d59
2547	0,0155	12,1	15,125	0	610561b7-576a-4987-a061-9363e162a9ad
2548	0,0155	12,1	15,375	0	19229b93-e8fa-4cb5-936e-199d241003cf
2549	0,0155	12,1	15,625	0	6383c1d2-71ab-4f2c-b77f-90fabb737017
2550	0,0155	12,1	15,875	0	0fb8e28b-ad40-45e5-b237-5ab2935ecd9c
2551	0,02325	12,35	14,625	0	efe51e7d-4424-4e42-8931-5a7041ff7bf2



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**Table: Connectivity - Area, Part 2 of 2**

Area	Volume m3	CentroidX m	CentroidY m	CentroidZ m	GUID
2552	0,02325	12,35	14,875	0	a5c4cbb9-203b-4920-9139-74b7e17ba5f4
2553	0,02325	12,35	15,125	0	97622077-adf0-4a48-b70d-d4972e7e0682
2554	0,02325	12,35	15,375	0	76103ee9-be0e-4c65-9334-dfb431faa681
2555	0,02325	12,35	15,625	0	17ed6d0f-0501-44f8-ae3f-53850ca1ee6f
2556	0,02325	12,35	15,875	0	c352940f-17f2-48b5-b211-bcceb6e4f30
2557	0,03875	12,75	14,625	0	d9b8f2fe-646c-4894-95d6-edff2f8611ff
2558	0,03875	12,75	14,875	0	6372685b-3e3a-4e1e-900f-740398e86cdb
2559	0,03875	12,75	15,125	0	4947bd5-bbee-4afe-9974-41aa5de00071
2560	0,03875	12,75	15,375	0	e345c55b-886c-4208-a296-3966002d5e38
2561	0,03875	12,75	15,625	0	86bb737d-2bf8-45c7-974a-681852bce64f
2562	0,03875	12,75	15,875	0	690982ac-d43f-4a60-b8c2-8a47de5ffe0
2563	0,03875	13,25	14,625	0	915cf239-dbc8-4bc2-b9e3-061dfcecdc1b
2564	0,03875	13,25	14,875	0	0b695f88-c5fc-408c-9f54-fb82906fc9ea
2565	0,03875	13,25	15,125	0	569be0a9-0539-43ed-bbab-6e2786e72775
2566	0,03875	13,25	15,375	0	33b18b7b-2463-4801-bc49-a3c6fcc2a612
2567	0,03875	13,25	15,625	0	23339ced-0a8b-42ba-aafb-ac0af72cbda7
2568	0,03875	13,25	15,875	0	68826871-084c-49f5-b78c-47ee1a91e7a1
2569	0,062	13,9	14,625	0	14dc959d-5d38-4dee-8cce-e2cf0f593bdb
2570	0,062	13,9	14,875	0	7cca9a91-19af-4718-8d9a-3be659a9fc10
2571	0,062	13,9	15,125	0	804bb447-7ae8-4a0b-abd8-3a2b169ab444
2572	0,062	13,9	15,375	0	dea430ce-951f-4a6f-8740-49b7b0d0bd13
2573	0,062	13,9	15,625	0	f9536ce9-69d7-405d-8ab4-96b972e94d6e
2574	0,062	13,9	15,875	0	d4f82ad3-3da2-4376-bb33-c36fa26eaf8a
2575	0,0465	15,2	14,625	0	7f4d7f31-f758-4dc8-b084-e68cca54710a
2576	0,0465	15,2	14,875	0	7e33edb8-48f5-476f-9184-a67a36709136
2577	0,0465	15,2	15,125	0	0e24844f-2dd9-4190-ba02-33a6bef13509
2578	0,0465	15,2	15,375	0	f2d53cd0-ac63-4ca9-831b-3d2a2eaf1a63
2579	0,0465	15,2	15,625	0	d2692518-612a-4ab7-9710-af746199bf4f
2580	0,0465	15,2	15,875	0	a543af99-a2ff-4b50-9bcb-d8a662a1af1f

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**Table: Connectivity - Area, Part 2 of 2**

Area	Volume m3	CentroidX m	CentroidY m	CentroidZ m	GUID
2581	0,03875	15,75	14,625	0	99f464c2-7db9-4f33-a910-279c87d352e8
2582	0,03875	15,75	14,875	0	ced9f208-7259-4d96-bbfc-68013ad2829b
2583	0,03875	15,75	15,125	0	68c14429-63c3-4ad1-b0d0-82afc83a738d
2584	0,03875	15,75	15,375	0	34326baf-f554-4689-91b4-77d5dd57589
2585	0,03875	15,75	15,625	0	4614961e-2eda-4ba4-a23c-08d8f2dab7cc
2586	0,03875	15,75	15,875	0	bbb56c1a-dfec-466f-93df-7ec55d618a8c
2587	0,03875	16,25	14,625	0	1dd68b4f-e43d-47da-ab1a-22b2e2fd0d4f
2588	0,03875	16,25	14,875	0	da3c37ff-2545-43bf-b3a1-b3290afda71a
2589	0,03875	16,25	15,125	0	d4bd39c4-34ab-423f-bc1d-51989b402f11
2590	0,03875	16,25	15,375	0	3e1cbc75-0f79-4946-81a4-ffb70ad0cdf
2591	0,03875	16,25	15,625	0	ebd7482a-7633-4f59-a250-17ec24a813eb
2592	0,03875	16,25	15,875	0	daf6c4b2-404d-418d-a92e-6c9519d1d7d7
2593	0,02325	16,65	14,625	0	df67377d-1358-4abb-8835-75d67fa2cb8b
2594	0,02325	16,65	14,875	0	38dcf30d-bbab-4ac8-b037-ff55cc063a07
2595	0,02325	16,65	15,125	0	4ce7886f-6485-4727-80d8-30730a79c367
2596	0,02325	16,65	15,375	0	31b8b512-520c-4a3c-880e-7b2608485860
2597	0,02325	16,65	15,625	0	62af1659-60fe-4e77-82b6-6e5627d70c65
2598	0,02325	16,65	15,875	0	26545b27-6044-4eda-831c-2df3f4baeb7b
2599	0,0155	16,9	14,625	0	d30186c7-dfd2-441d-a061-d935f367e940
2600	0,0155	16,9	14,875	0	4798277e-1656-442f-b717-7c8caad27a15
2601	0,0155	16,9	15,125	0	b5d3456c-9a0e-4f00-a8a4-d952df6bcc7b
2602	0,0155	16,9	15,375	0	ae0ab4bc-b0fb-493c-8b2a-eff8eb2ef02b
2603	0,0155	16,9	15,625	0	caf0b85f-e901-4afc-8d1f-30ef9878a164
2604	0,0155	16,9	15,875	0	3ec71fea-e518-45b4-a1bb-d940dc17b1c0
2605	0,03875	17,25	14,625	0	51abd5c1-f9b9-4ae5-b269-c63f2ffb308c
2606	0,03875	17,25	14,875	0	abf8ba1e-1624-42c9-844e-fd149d7c3274
2607	0,03875	17,25	15,125	0	ee6f52b5-dff9-41aa-b730-36a3228c089d
2608	0,03875	17,25	15,375	0	30fcd5d9-ff6b-4974-bad2-6752b8967794
2609	0,03875	17,25	15,625	0	8b54073d-0f11-4e40-bfd7-cede979024cb

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**Table: Connectivity - Area, Part 2 of 2**

Area	Volume m3	CentroidX m	CentroidY m	CentroidZ m	GUID
2610	0,03875	17,25	15,875	0	33cde14b-a70f-444c-a2cf-9a07e51aba71
2611	0,03875	17,75	14,625	0	d8eacb19-9e38-4a7a-96c5-2ecfd3557e58
2612	0,03875	17,75	14,875	0	b3788fbf-98cd-46b4-831b-88840d1c595f
2613	0,03875	17,75	15,125	0	bee2555e-a67f-4a5c-b318-5912c40188f5
2614	0,03875	17,75	15,375	0	c15fd88c-3c0a-4fa0-ab46-a53d8be2799e
2615	0,03875	17,75	15,625	0	6b1087f7-c858-46b2-988d-087e12587a29
2616	0,03875	17,75	15,875	0	e64f71e6-457c-4d8e-85b4-745ae62f30db
2617	0,03875	18,25	14,625	0	f4fd60cf-104c-45df-bb4e-c365884e761e
2618	0,03875	18,25	14,875	0	98ce02c3-52e7-4239-b021-fc70a04db2ea
2619	0,03875	18,25	15,125	0	704f6881-a8dc-40bb-ba0f-7aa7ae81c516
2620	0,03875	18,25	15,375	0	be784c33-f81d-43d9-935b-5e17f80d0907
2621	0,03875	18,25	15,625	0	a616c071-6f20-4ef8-a56e-8e668badd7a6
2622	0,03875	18,25	15,875	0	f96e99e7-4faa-482d-b692-f2864cb140e7
2623	0,03875	18,75	14,625	0	9bee983d-6ef4-4744-87e0-916f5f8ca952
2624	0,03875	18,75	14,875	0	138ef741-6535-4a3d-9111-a57d8de40f47
2625	0,03875	18,75	15,125	0	6ba304fa-289e-44eb-aff-7585662fc74e
2626	0,03875	18,75	15,375	0	64898b89-45fb-4ca6-8929-72ad62d862c6
2627	0,03875	18,75	15,625	0	ae0639f9-ae6c-4c12-87e6-bf73ad2242ce
2628	0,03875	18,75	15,875	0	41fda02a-f1f4-43ed-a047-da46ca17438c
2629	0,03875	19,25	14,625	0	0109bd82-0342-485f-9c2c-9ae3f7279e4c
2630	0,03875	19,25	14,875	0	de734d5e-a5fd-4f6a-b464-6abc1c91a81b
2631	0,03875	19,25	15,125	0	e7ce3da8-fe19-4ec0-bf71-930c422014e9
2632	0,03875	19,25	15,375	0	9fe53f63-69c8-4a1d-a78b-aaa66c5efd36
2633	0,03875	19,25	15,625	0	d985f689-b01f-4c52-a244-94fb575e05f0
2634	0,03875	19,25	15,875	0	4f162ad8-6324-4088-9d56-e9a7cf8650d3
2635	0,03875	19,75	14,625	0	c1a6a36c-6447-4b22-a354-b7ca27ee0d82
2636	0,03875	19,75	14,875	0	032428e8-08aa-4cec-8f53-56a98342ac4f
2637	0,03875	19,75	15,125	0	c4b7baf3-4b1a-4d95-a864-12babe993e64
2638	0,03875	19,75	15,375	0	f693cb89-57b7-48f9-9732-56333c1fad84

AUTOSTRADA VALDASTICO A31 NORD  
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**Table: Connectivity - Area, Part 2 of 2**

Area	Volume m3	CentroidX m	CentroidY m	CentroidZ m	GUID
2639	0,03875	19,75	15,625	0	d6255b9a-33f4-4b3e-a5ab-fe21c4c27655
2640	0,03875	19,75	15,875	0	31ea61ee-4002-4696-9a78-bf3fd1c15913
2641	0,03875	20,25	14,625	0	f60562c6-62ca-4d81-9c27-b814d80d799c
2642	0,03875	20,25	14,875	0	000e991e-3b59-4284-89ed-9d13d3bdb964
2643	0,03875	20,25	15,125	0	c02ee9e1-3bc9-4345-9371-4f7093cbc385
2644	0,03875	20,25	15,375	0	64f05ff4-4fea-4f82-8e46-690c64658fed
2645	0,03875	20,25	15,625	0	2aabc9ec-19e3-4b90-bcaa-80fc5763f722
2646	0,03875	20,25	15,875	0	30e37a73-6c94-4912-b855-514b3755e597
2647	0,03875	20,75	14,625	0	2e8663f2-6eab-4f1e-9eb5-628b4a94fdba
2648	0,03875	20,75	14,875	0	b0950564-0e10-4b23-acb5-310054d02de6
2649	0,03875	20,75	15,125	0	a4a9f6c9-25f4-43c4-b601-6c092554112d
2650	0,03875	20,75	15,375	0	820a4b55-09ed-4faf-a5a1-41b945459826
2651	0,03875	20,75	15,625	0	4c502b47-cac9-42a0-ae36-033bddb46a40
2652	0,03875	20,75	15,875	0	fedf66f6-ca97-4602-9fd8-5ccb1814ae02
2653	0,02325	21,15	14,625	0	4cd0719a-161c-416a-9d56-a69e0053ea82
2654	0,02325	21,15	14,875	0	127c330c-5a5f-4e9b-890b-cf27f777f628
2655	0,02325	21,15	15,125	0	a6e6998f-7653-4b9a-b914-7aa6df07f95d
2656	0,02325	21,15	15,375	0	6823fd7e-0a64-4a1a-aac6-d563145de789
2657	0,02325	21,15	15,625	0	8c349b68-fe76-439f-b534-bdfbd9f5368f
2658	0,02325	21,15	15,875	0	a26852fc-a9bd-4156-8cde-75cc43941071
2659	0,0155	21,4	14,625	0	9b307e48-8c71-4bff-a783-9c60c8f78972
2660	0,0155	21,4	14,875	0	284c31f4-1321-49c8-b91c-4a25bf268c88
2661	0,0155	21,4	15,125	0	4e13d1ec-6c50-4b87-b7f1-4998d582eed2
2662	0,0155	21,4	15,375	0	30f705be-ed34-4533-95e9-5002d5c3767d
2663	0,0155	21,4	15,625	0	5fcdddb9-132a-40de-8da1-3896b0a30714
2664	0,0155	21,4	15,875	0	eb89af0e-4270-4f95-8922-ba8ffe4f8d38
2665	0,03875	21,75	14,625	0	4ed67b6f-c788-4fe8-bcf4-d3608f8ae83b
2666	0,03875	21,75	14,875	0	0fb7001d-dbeb-4dd9-8507-77533428c7a2
2667	0,03875	21,75	15,125	0	01e90d24-7959-4630-a22f-4361f640d641

AUTOSTRADA VALDASTICO A31 NORD  
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**Table: Connectivity - Area, Part 2 of 2**

Area	Volume m3	CentroidX m	CentroidY m	CentroidZ m	GUID
2668	0,03875	21,75	15,375	0	a9f0695e-b20e-4ff3-987b-b48284aa8dd1
2669	0,03875	21,75	15,625	0	35925452-2f4a-4de7-a0df-0f7fe64580a8
2670	0,03875	21,75	15,875	0	a8de2733-f199-4a0b-80b9-04826e61935e
2690	0,03375	14,45	14,625	0	53f53466-e9e5-46c7-8668-64cf80645920
2691	0,03375	14,75	14,625	0	23038ea6-c410-44cc-8c3e-0e6c7c23f716
2692	0,03375	14,45	14,875	0	565a8c23-1be1-475e-9473-1d48ac0834cc
2693	0,03375	14,75	14,875	0	3c388590-f41c-474f-a2d5-100cebdc2820
2694	0,03375	14,45	15,125	0	7459cb63-12cd-46f4-a951-711864f4662e
2695	0,03375	14,75	15,125	0	3f3be1bb-deda-4ca1-ac9d-25dd8a117458
2696	0,03375	14,45	15,375	0	75609cba-e53f-40ac-bd00-e2a19264202c
2697	0,03375	14,75	15,375	0	334e8552-2a3e-4202-a07c-a49dfe35151d
2698	0,03375	14,45	15,625	0	eb19a5cc-e759-4e42-9599-bcea4638d089
2699	0,03375	14,75	15,625	0	fb138e86-8f38-427c-b8b0-1c775881f3e4
2700	0,03375	14,45	15,875	0	9eda302b-d415-4c91-bdd8-1abdb4080178
2701	0,03375	14,75	15,875	0	299b0ab9-0a1e-4eff-902f-202ba91c09ae

**Table: Joint Coordinates, Part 1 of 2**

**Table: Joint Coordinates, Part 1 of 2**

Joint	CoordSys	CoordType	XorR m	Y m	Z m	SpecialJt	GlobalX m
51	GLOBAL	Cartesian	5	16	0	No	5
52	GLOBAL	Cartesian	23,99982	16	0	No	23,99982
53	GLOBAL	Cartesian	5	15,5	0	No	5
54	GLOBAL	Cartesian	23,99982	15,5	0	No	23,99982
55	GLOBAL	Cartesian	5	15	0	No	5
56	GLOBAL	Cartesian	23,99982	15	0	No	23,99982
57	GLOBAL	Cartesian	5	14,5	0	No	5
58	GLOBAL	Cartesian	23,99982	14,5	0	No	23,99982
59	GLOBAL	Cartesian	5	14	0	No	5
60	GLOBAL	Cartesian	23,99982	14	0	No	23,99982
61	GLOBAL	Cartesian	5	13,5	0	No	5
62	GLOBAL	Cartesian	23,99982	13,5	0	No	23,99982
110	GLOBAL	Cartesian	7	16	0	No	7
111	GLOBAL	Cartesian	7	15,5	0	No	7
112	GLOBAL	Cartesian	7	15	0	No	7
113	GLOBAL	Cartesian	7	14,5	0	No	7
114	GLOBAL	Cartesian	7	14	0	No	7
115	GLOBAL	Cartesian	7	13,5	0	No	7
147	GLOBAL	Cartesian	22	16	0	No	22

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**Table: Joint Coordinates, Part 1 of 2**

Joint	CoordSys	CoordType	XorR	Y	Z	SpecialJt	GlobalX
			m	m	m		m
148	GLOBAL	Cartesian	22	15,5	0	No	22
149	GLOBAL	Cartesian	22	15	0	No	22
150	GLOBAL	Cartesian	22	14,5	0	No	22
151	GLOBAL	Cartesian	22	14	0	No	22
152	GLOBAL	Cartesian	22	13,5	0	No	22
184	GLOBAL	Cartesian	14,9	16	0	No	14,9
185	GLOBAL	Cartesian	14,9	15,5	0	No	14,9
186	GLOBAL	Cartesian	14,9	15	0	No	14,9
187	GLOBAL	Cartesian	14,9	14,5	0	No	14,9
188	GLOBAL	Cartesian	14,9	14	0	No	14,9
189	GLOBAL	Cartesian	14,9	13,5	0	No	14,9
221	GLOBAL	Cartesian	14,3	16	0	No	14,3
222	GLOBAL	Cartesian	14,3	15,5	0	No	14,3
223	GLOBAL	Cartesian	14,3	15	0	No	14,3
224	GLOBAL	Cartesian	14,3	14,5	0	No	14,3
225	GLOBAL	Cartesian	14,3	14	0	No	14,3
226	GLOBAL	Cartesian	14,3	13,5	0	No	14,3
258	GLOBAL	Cartesian	21,3	16	0	No	21,3
259	GLOBAL	Cartesian	21,3	15,5	0	No	21,3
260	GLOBAL	Cartesian	21,3	15	0	No	21,3
261	GLOBAL	Cartesian	21,3	14,5	0	No	21,3
262	GLOBAL	Cartesian	21,3	14	0	No	21,3
263	GLOBAL	Cartesian	21,3	13,5	0	No	21,3
295	GLOBAL	Cartesian	16,8	16	0	No	16,8
296	GLOBAL	Cartesian	16,8	15,5	0	No	16,8
297	GLOBAL	Cartesian	16,8	15	0	No	16,8
298	GLOBAL	Cartesian	16,8	14,5	0	No	16,8
299	GLOBAL	Cartesian	16,8	14	0	No	16,8
300	GLOBAL	Cartesian	16,8	13,5	0	No	16,8
332	GLOBAL	Cartesian	12,2	16	0	No	12,2
333	GLOBAL	Cartesian	12,2	15,5	0	No	12,2
334	GLOBAL	Cartesian	12,2	15	0	No	12,2
335	GLOBAL	Cartesian	12,2	14,5	0	No	12,2
336	GLOBAL	Cartesian	12,2	14	0	No	12,2
337	GLOBAL	Cartesian	12,2	13,5	0	No	12,2
369	GLOBAL	Cartesian	7,7	16	0	No	7,7
370	GLOBAL	Cartesian	7,7	15,5	0	No	7,7
371	GLOBAL	Cartesian	7,7	15	0	No	7,7
372	GLOBAL	Cartesian	7,7	14,5	0	No	7,7
373	GLOBAL	Cartesian	7,7	14	0	No	7,7
374	GLOBAL	Cartesian	7,7	13,5	0	No	7,7
1211	GLOBAL	Cartesian	5,5	16	0	No	5,5
1212	GLOBAL	Cartesian	6	16	0	No	6
1213	GLOBAL	Cartesian	6,5	16	0	No	6,5
1214	GLOBAL	Cartesian	7,5	16	0	No	7,5
1215	GLOBAL	Cartesian	8	16	0	No	8
1216	GLOBAL	Cartesian	8,5	16	0	No	8,5
1217	GLOBAL	Cartesian	9	16	0	No	9
1218	GLOBAL	Cartesian	9,5	16	0	No	9,5
1219	GLOBAL	Cartesian	10	16	0	No	10
1220	GLOBAL	Cartesian	10,5	16	0	No	10,5
1221	GLOBAL	Cartesian	11	16	0	No	11
1222	GLOBAL	Cartesian	11,5	16	0	No	11,5

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**Table: Joint Coordinates, Part 1 of 2**

Joint	CoordSys	CoordType	XorR	Y	Z	SpecialJt	GlobalX
			m	m	m		m
1223	GLOBAL	Cartesian	12	16	0	No	12
1224	GLOBAL	Cartesian	12,5	16	0	No	12,5
1225	GLOBAL	Cartesian	13	16	0	No	13
1226	GLOBAL	Cartesian	13,5	16	0	No	13,5
1227	GLOBAL	Cartesian	15,5	16	0	No	15,5
1228	GLOBAL	Cartesian	16	16	0	No	16
1229	GLOBAL	Cartesian	16,5	16	0	No	16,5
1230	GLOBAL	Cartesian	17	16	0	No	17
1231	GLOBAL	Cartesian	17,5	16	0	No	17,5
1232	GLOBAL	Cartesian	18	16	0	No	18
1233	GLOBAL	Cartesian	18,5	16	0	No	18,5
1234	GLOBAL	Cartesian	19	16	0	No	19
1235	GLOBAL	Cartesian	19,5	16	0	No	19,5
1236	GLOBAL	Cartesian	20	16	0	No	20
1237	GLOBAL	Cartesian	20,5	16	0	No	20,5
1238	GLOBAL	Cartesian	21	16	0	No	21
1239	GLOBAL	Cartesian	21,5	16	0	No	21,5
1240	GLOBAL	Cartesian	22,5	16	0	No	22,5
1241	GLOBAL	Cartesian	23	16	0	No	23
1242	GLOBAL	Cartesian	23,5	16	0	No	23,5
1243	GLOBAL	Cartesian	5,5	15,5	0	No	5,5
1244	GLOBAL	Cartesian	6	15,5	0	No	6
1245	GLOBAL	Cartesian	6,5	15,5	0	No	6,5
1246	GLOBAL	Cartesian	7,5	15,5	0	No	7,5
1247	GLOBAL	Cartesian	8	15,5	0	No	8
1248	GLOBAL	Cartesian	8,5	15,5	0	No	8,5
1249	GLOBAL	Cartesian	9	15,5	0	No	9
1250	GLOBAL	Cartesian	9,5	15,5	0	No	9,5
1251	GLOBAL	Cartesian	10	15,5	0	No	10
1252	GLOBAL	Cartesian	10,5	15,5	0	No	10,5
1253	GLOBAL	Cartesian	11	15,5	0	No	11
1254	GLOBAL	Cartesian	11,5	15,5	0	No	11,5
1255	GLOBAL	Cartesian	12	15,5	0	No	12
1256	GLOBAL	Cartesian	12,5	15,5	0	No	12,5
1257	GLOBAL	Cartesian	13	15,5	0	No	13
1258	GLOBAL	Cartesian	13,5	15,5	0	No	13,5
1259	GLOBAL	Cartesian	15,5	15,5	0	No	15,5
1260	GLOBAL	Cartesian	16	15,5	0	No	16
1261	GLOBAL	Cartesian	16,5	15,5	0	No	16,5
1262	GLOBAL	Cartesian	17	15,5	0	No	17
1263	GLOBAL	Cartesian	17,5	15,5	0	No	17,5
1264	GLOBAL	Cartesian	18	15,5	0	No	18
1265	GLOBAL	Cartesian	18,5	15,5	0	No	18,5
1266	GLOBAL	Cartesian	19	15,5	0	No	19
1267	GLOBAL	Cartesian	19,5	15,5	0	No	19,5
1268	GLOBAL	Cartesian	20	15,5	0	No	20
1269	GLOBAL	Cartesian	20,5	15,5	0	No	20,5
1270	GLOBAL	Cartesian	21	15,5	0	No	21
1271	GLOBAL	Cartesian	21,5	15,5	0	No	21,5
1272	GLOBAL	Cartesian	22,5	15,5	0	No	22,5
1273	GLOBAL	Cartesian	23	15,5	0	No	23
1274	GLOBAL	Cartesian	23,5	15,5	0	No	23,5
1275	GLOBAL	Cartesian	5,5	15	0	No	5,5

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**Table: Joint Coordinates, Part 1 of 2**

Joint	CoordSys	CoordType	XorR	Y	Z	SpecialJt	GlobalX
			m	m	m		m
1276	GLOBAL	Cartesian	6	15	0	No	6
1277	GLOBAL	Cartesian	6,5	15	0	No	6,5
1278	GLOBAL	Cartesian	7,5	15	0	No	7,5
1279	GLOBAL	Cartesian	8	15	0	No	8
1280	GLOBAL	Cartesian	8,5	15	0	No	8,5
1281	GLOBAL	Cartesian	9	15	0	No	9
1282	GLOBAL	Cartesian	9,5	15	0	No	9,5
1283	GLOBAL	Cartesian	10	15	0	No	10
1284	GLOBAL	Cartesian	10,5	15	0	No	10,5
1285	GLOBAL	Cartesian	11	15	0	No	11
1286	GLOBAL	Cartesian	11,5	15	0	No	11,5
1287	GLOBAL	Cartesian	12	15	0	No	12
1288	GLOBAL	Cartesian	12,5	15	0	No	12,5
1289	GLOBAL	Cartesian	13	15	0	No	13
1290	GLOBAL	Cartesian	13,5	15	0	No	13,5
1291	GLOBAL	Cartesian	15,5	15	0	No	15,5
1292	GLOBAL	Cartesian	16	15	0	No	16
1293	GLOBAL	Cartesian	16,5	15	0	No	16,5
1294	GLOBAL	Cartesian	17	15	0	No	17
1295	GLOBAL	Cartesian	17,5	15	0	No	17,5
1296	GLOBAL	Cartesian	18	15	0	No	18
1297	GLOBAL	Cartesian	18,5	15	0	No	18,5
1298	GLOBAL	Cartesian	19	15	0	No	19
1299	GLOBAL	Cartesian	19,5	15	0	No	19,5
1300	GLOBAL	Cartesian	20	15	0	No	20
1301	GLOBAL	Cartesian	20,5	15	0	No	20,5
1302	GLOBAL	Cartesian	21	15	0	No	21
1303	GLOBAL	Cartesian	21,5	15	0	No	21,5
1596	GLOBAL	Cartesian	22,5	15	0	No	22,5
1597	GLOBAL	Cartesian	23	15	0	No	23
1598	GLOBAL	Cartesian	23,5	15	0	No	23,5
1599	GLOBAL	Cartesian	5,5	14,5	0	No	5,5
1600	GLOBAL	Cartesian	6	14,5	0	No	6
1601	GLOBAL	Cartesian	6,5	14,5	0	No	6,5
1602	GLOBAL	Cartesian	7,5	14,5	0	No	7,5
1603	GLOBAL	Cartesian	8	14,5	0	No	8
1604	GLOBAL	Cartesian	8,5	14,5	0	No	8,5
1605	GLOBAL	Cartesian	9	14,5	0	No	9
1606	GLOBAL	Cartesian	9,5	14,5	0	No	9,5
1607	GLOBAL	Cartesian	10	14,5	0	No	10
1608	GLOBAL	Cartesian	10,5	14,5	0	No	10,5
1609	GLOBAL	Cartesian	11	14,5	0	No	11
1610	GLOBAL	Cartesian	11,5	14,5	0	No	11,5
1611	GLOBAL	Cartesian	12	14,5	0	No	12
1612	GLOBAL	Cartesian	12,5	14,5	0	No	12,5
1613	GLOBAL	Cartesian	13	14,5	0	No	13
1614	GLOBAL	Cartesian	13,5	14,5	0	No	13,5
1615	GLOBAL	Cartesian	15,5	14,5	0	No	15,5
1616	GLOBAL	Cartesian	16	14,5	0	No	16
1617	GLOBAL	Cartesian	16,5	14,5	0	No	16,5
1618	GLOBAL	Cartesian	17	14,5	0	No	17
1619	GLOBAL	Cartesian	17,5	14,5	0	No	17,5
1620	GLOBAL	Cartesian	18	14,5	0	No	18



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**Table: Joint Coordinates, Part 1 of 2**

Joint	CoordSys	CoordType	XorR	Y	Z	SpecialJt	GlobalX
			m	m	m		m
1621	GLOBAL	Cartesian	18,5	14,5	0	No	18,5
1622	GLOBAL	Cartesian	19	14,5	0	No	19
1623	GLOBAL	Cartesian	19,5	14,5	0	No	19,5
1624	GLOBAL	Cartesian	20	14,5	0	No	20
1625	GLOBAL	Cartesian	20,5	14,5	0	No	20,5
1626	GLOBAL	Cartesian	21	14,5	0	No	21
1627	GLOBAL	Cartesian	21,5	14,5	0	No	21,5
1628	GLOBAL	Cartesian	22,5	14,5	0	No	22,5
1629	GLOBAL	Cartesian	23	14,5	0	No	23
1630	GLOBAL	Cartesian	23,5	14,5	0	No	23,5
1631	GLOBAL	Cartesian	5,5	14	0	No	5,5
1632	GLOBAL	Cartesian	6	14	0	No	6
1633	GLOBAL	Cartesian	6,5	14	0	No	6,5
1634	GLOBAL	Cartesian	7,5	14	0	No	7,5
1635	GLOBAL	Cartesian	8	14	0	No	8
1636	GLOBAL	Cartesian	8,5	14	0	No	8,5
1637	GLOBAL	Cartesian	9	14	0	No	9
1638	GLOBAL	Cartesian	9,5	14	0	No	9,5
1639	GLOBAL	Cartesian	10	14	0	No	10
1640	GLOBAL	Cartesian	10,5	14	0	No	10,5
1641	GLOBAL	Cartesian	11	14	0	No	11
1642	GLOBAL	Cartesian	11,5	14	0	No	11,5
1643	GLOBAL	Cartesian	12	14	0	No	12
1644	GLOBAL	Cartesian	12,5	14	0	No	12,5
1645	GLOBAL	Cartesian	13	14	0	No	13
1646	GLOBAL	Cartesian	13,5	14	0	No	13,5
1647	GLOBAL	Cartesian	15,5	14	0	No	15,5
1648	GLOBAL	Cartesian	16	14	0	No	16
1649	GLOBAL	Cartesian	16,5	14	0	No	16,5
1650	GLOBAL	Cartesian	17	14	0	No	17
1651	GLOBAL	Cartesian	17,5	14	0	No	17,5
1652	GLOBAL	Cartesian	18	14	0	No	18
1653	GLOBAL	Cartesian	18,5	14	0	No	18,5
1654	GLOBAL	Cartesian	19	14	0	No	19
1655	GLOBAL	Cartesian	19,5	14	0	No	19,5
1656	GLOBAL	Cartesian	20	14	0	No	20
1657	GLOBAL	Cartesian	20,5	14	0	No	20,5
1658	GLOBAL	Cartesian	21	14	0	No	21
1659	GLOBAL	Cartesian	21,5	14	0	No	21,5
1660	GLOBAL	Cartesian	22,5	14	0	No	22,5
1661	GLOBAL	Cartesian	23	14	0	No	23
1662	GLOBAL	Cartesian	23,5	14	0	No	23,5
1663	GLOBAL	Cartesian	5,5	13,5	0	No	5,5
1664	GLOBAL	Cartesian	6	13,5	0	No	6
1665	GLOBAL	Cartesian	6,5	13,5	0	No	6,5
1666	GLOBAL	Cartesian	7,5	13,5	0	No	7,5
1667	GLOBAL	Cartesian	8	13,5	0	No	8
1668	GLOBAL	Cartesian	8,5	13,5	0	No	8,5
1669	GLOBAL	Cartesian	9	13,5	0	No	9
1670	GLOBAL	Cartesian	9,5	13,5	0	No	9,5
1671	GLOBAL	Cartesian	10	13,5	0	No	10
1672	GLOBAL	Cartesian	10,5	13,5	0	No	10,5
1673	GLOBAL	Cartesian	11	13,5	0	No	11

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**Table: Joint Coordinates, Part 1 of 2**

Joint	CoordSys	CoordType	XorR	Y	Z	SpecialJt	GlobalX
			m	m	m		m
1674	GLOBAL	Cartesian	11,5	13,5	0	No	11,5
1675	GLOBAL	Cartesian	12	13,5	0	No	12
1676	GLOBAL	Cartesian	12,5	13,5	0	No	12,5
1677	GLOBAL	Cartesian	13	13,5	0	No	13
1678	GLOBAL	Cartesian	13,5	13,5	0	No	13,5
1679	GLOBAL	Cartesian	15,5	13,5	0	No	15,5
1680	GLOBAL	Cartesian	16	13,5	0	No	16
1681	GLOBAL	Cartesian	16,5	13,5	0	No	16,5
1682	GLOBAL	Cartesian	17	13,5	0	No	17
1683	GLOBAL	Cartesian	17,5	13,5	0	No	17,5
1684	GLOBAL	Cartesian	18	13,5	0	No	18
1685	GLOBAL	Cartesian	18,5	13,5	0	No	18,5
1686	GLOBAL	Cartesian	19	13,5	0	No	19
1687	GLOBAL	Cartesian	19,5	13,5	0	No	19,5
1688	GLOBAL	Cartesian	20	13,5	0	No	20
1689	GLOBAL	Cartesian	20,5	13,5	0	No	20,5
1690	GLOBAL	Cartesian	21	13,5	0	No	21
1691	GLOBAL	Cartesian	21,5	13,5	0	No	21,5
1692	GLOBAL	Cartesian	22,5	13,5	0	No	22,5
1693	GLOBAL	Cartesian	23	13,5	0	No	23
1694	GLOBAL	Cartesian	23,5	13,5	0	No	23,5
2578	GLOBAL	Cartesian	5,5	14,75	0	No	5,5
2579	GLOBAL	Cartesian	5	14,75	0	No	5
2580	GLOBAL	Cartesian	5,5	15,25	0	No	5,5
2581	GLOBAL	Cartesian	5	15,25	0	No	5
2582	GLOBAL	Cartesian	5,5	15,75	0	No	5,5
2583	GLOBAL	Cartesian	5	15,75	0	No	5
2584	GLOBAL	Cartesian	6	14,75	0	No	6
2585	GLOBAL	Cartesian	6	15,25	0	No	6
2586	GLOBAL	Cartesian	6	15,75	0	No	6
2587	GLOBAL	Cartesian	6,5	14,75	0	No	6,5
2588	GLOBAL	Cartesian	6,5	15,25	0	No	6,5
2589	GLOBAL	Cartesian	6,5	15,75	0	No	6,5
2590	GLOBAL	Cartesian	7	14,75	0	No	7
2591	GLOBAL	Cartesian	7	15,25	0	No	7
2592	GLOBAL	Cartesian	7	15,75	0	No	7
2593	GLOBAL	Cartesian	14,9	14,75	0	No	14,9
2594	GLOBAL	Cartesian	14,3	14,75	0	No	14,3
2595	GLOBAL	Cartesian	14,9	15,25	0	No	14,9
2596	GLOBAL	Cartesian	14,3	15,25	0	No	14,3
2597	GLOBAL	Cartesian	14,9	15,75	0	No	14,9
2598	GLOBAL	Cartesian	14,3	15,75	0	No	14,3
2599	GLOBAL	Cartesian	22,5	14,75	0	No	22,5
2600	GLOBAL	Cartesian	22	14,75	0	No	22
2601	GLOBAL	Cartesian	22,5	15,25	0	No	22,5
2602	GLOBAL	Cartesian	22	15,25	0	No	22
2603	GLOBAL	Cartesian	22,5	15,75	0	No	22,5
2604	GLOBAL	Cartesian	22	15,75	0	No	22
2605	GLOBAL	Cartesian	23	14,75	0	No	23
2606	GLOBAL	Cartesian	23	15,25	0	No	23
2607	GLOBAL	Cartesian	23	15,75	0	No	23
2608	GLOBAL	Cartesian	23,5	14,75	0	No	23,5
2609	GLOBAL	Cartesian	23,5	15,25	0	No	23,5

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**Table: Joint Coordinates, Part 1 of 2**

Joint	CoordSys	CoordType	XorR	Y	Z	SpecialJt	GlobalX
			m	m	m		m
2610	GLOBAL	Cartesian	23,5	15,75	0	No	23,5
2611	GLOBAL	Cartesian	23,99982	14,75	0	No	23,99982
2612	GLOBAL	Cartesian	23,99982	15,25	0	No	23,99982
2613	GLOBAL	Cartesian	23,99982	15,75	0	No	23,99982
2614	GLOBAL	Cartesian	7,5	14,75	0	No	7,5
2615	GLOBAL	Cartesian	7,5	15,25	0	No	7,5
2616	GLOBAL	Cartesian	7,5	15,75	0	No	7,5
2617	GLOBAL	Cartesian	7,7	14,75	0	No	7,7
2618	GLOBAL	Cartesian	7,7	15,25	0	No	7,7
2619	GLOBAL	Cartesian	7,7	15,75	0	No	7,7
2620	GLOBAL	Cartesian	8	14,75	0	No	8
2621	GLOBAL	Cartesian	8	15,25	0	No	8
2622	GLOBAL	Cartesian	8	15,75	0	No	8
2623	GLOBAL	Cartesian	8,5	14,75	0	No	8,5
2624	GLOBAL	Cartesian	8,5	15,25	0	No	8,5
2625	GLOBAL	Cartesian	8,5	15,75	0	No	8,5
2626	GLOBAL	Cartesian	9	14,75	0	No	9
2627	GLOBAL	Cartesian	9	15,25	0	No	9
2628	GLOBAL	Cartesian	9	15,75	0	No	9
2629	GLOBAL	Cartesian	9,5	14,75	0	No	9,5
2630	GLOBAL	Cartesian	9,5	15,25	0	No	9,5
2631	GLOBAL	Cartesian	9,5	15,75	0	No	9,5
2632	GLOBAL	Cartesian	10	14,75	0	No	10
2633	GLOBAL	Cartesian	10	15,25	0	No	10
2634	GLOBAL	Cartesian	10	15,75	0	No	10
2635	GLOBAL	Cartesian	10,5	14,75	0	No	10,5
2636	GLOBAL	Cartesian	10,5	15,25	0	No	10,5
2637	GLOBAL	Cartesian	10,5	15,75	0	No	10,5
2638	GLOBAL	Cartesian	11	14,75	0	No	11
2639	GLOBAL	Cartesian	11	15,25	0	No	11
2640	GLOBAL	Cartesian	11	15,75	0	No	11
2641	GLOBAL	Cartesian	11,5	14,75	0	No	11,5
2642	GLOBAL	Cartesian	11,5	15,25	0	No	11,5
2643	GLOBAL	Cartesian	11,5	15,75	0	No	11,5
2644	GLOBAL	Cartesian	12	14,75	0	No	12
2645	GLOBAL	Cartesian	12	15,25	0	No	12
2646	GLOBAL	Cartesian	12	15,75	0	No	12
2647	GLOBAL	Cartesian	12,2	14,75	0	No	12,2
2648	GLOBAL	Cartesian	12,2	15,25	0	No	12,2
2649	GLOBAL	Cartesian	12,2	15,75	0	No	12,2
2650	GLOBAL	Cartesian	12,5	14,75	0	No	12,5
2651	GLOBAL	Cartesian	12,5	15,25	0	No	12,5
2652	GLOBAL	Cartesian	12,5	15,75	0	No	12,5
2653	GLOBAL	Cartesian	13	14,75	0	No	13
2654	GLOBAL	Cartesian	13	15,25	0	No	13
2655	GLOBAL	Cartesian	13	15,75	0	No	13
2656	GLOBAL	Cartesian	13,5	14,75	0	No	13,5
2657	GLOBAL	Cartesian	13,5	15,25	0	No	13,5
2658	GLOBAL	Cartesian	13,5	15,75	0	No	13,5
2659	GLOBAL	Cartesian	15,5	14,75	0	No	15,5
2660	GLOBAL	Cartesian	15,5	15,25	0	No	15,5
2661	GLOBAL	Cartesian	15,5	15,75	0	No	15,5
2662	GLOBAL	Cartesian	16	14,75	0	No	16

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**Table: Joint Coordinates, Part 1 of 2**

Joint	CoordSys	CoordType	XorR	Y	Z	SpecialJt	GlobalX
			m	m	m		m
2663	GLOBAL	Cartesian	16	15,25	0	No	16
2664	GLOBAL	Cartesian	16	15,75	0	No	16
2665	GLOBAL	Cartesian	16,5	14,75	0	No	16,5
2666	GLOBAL	Cartesian	16,5	15,25	0	No	16,5
2667	GLOBAL	Cartesian	16,5	15,75	0	No	16,5
2668	GLOBAL	Cartesian	16,8	14,75	0	No	16,8
2669	GLOBAL	Cartesian	16,8	15,25	0	No	16,8
2670	GLOBAL	Cartesian	16,8	15,75	0	No	16,8
2671	GLOBAL	Cartesian	17	14,75	0	No	17
2672	GLOBAL	Cartesian	17	15,25	0	No	17
2673	GLOBAL	Cartesian	17	15,75	0	No	17
2674	GLOBAL	Cartesian	17,5	14,75	0	No	17,5
2675	GLOBAL	Cartesian	17,5	15,25	0	No	17,5
2676	GLOBAL	Cartesian	17,5	15,75	0	No	17,5
2677	GLOBAL	Cartesian	18	14,75	0	No	18
2678	GLOBAL	Cartesian	18	15,25	0	No	18
2679	GLOBAL	Cartesian	18	15,75	0	No	18
2680	GLOBAL	Cartesian	18,5	14,75	0	No	18,5
2681	GLOBAL	Cartesian	18,5	15,25	0	No	18,5
2682	GLOBAL	Cartesian	18,5	15,75	0	No	18,5
2683	GLOBAL	Cartesian	19	14,75	0	No	19
2684	GLOBAL	Cartesian	19	15,25	0	No	19
2685	GLOBAL	Cartesian	19	15,75	0	No	19
2686	GLOBAL	Cartesian	19,5	14,75	0	No	19,5
2687	GLOBAL	Cartesian	19,5	15,25	0	No	19,5
2688	GLOBAL	Cartesian	19,5	15,75	0	No	19,5
2689	GLOBAL	Cartesian	20	14,75	0	No	20
2690	GLOBAL	Cartesian	20	15,25	0	No	20
2691	GLOBAL	Cartesian	20	15,75	0	No	20
2692	GLOBAL	Cartesian	20,5	14,75	0	No	20,5
2693	GLOBAL	Cartesian	20,5	15,25	0	No	20,5
2694	GLOBAL	Cartesian	20,5	15,75	0	No	20,5
2695	GLOBAL	Cartesian	21	14,75	0	No	21
2696	GLOBAL	Cartesian	21	15,25	0	No	21
2697	GLOBAL	Cartesian	21	15,75	0	No	21
2698	GLOBAL	Cartesian	21,3	14,75	0	No	21,3
2699	GLOBAL	Cartesian	21,3	15,25	0	No	21,3
2700	GLOBAL	Cartesian	21,3	15,75	0	No	21,3
2701	GLOBAL	Cartesian	21,5	14,75	0	No	21,5
2702	GLOBAL	Cartesian	21,5	15,25	0	No	21,5
2703	GLOBAL	Cartesian	21,5	15,75	0	No	21,5
2803	GLOBAL	Cartesian	14,6	13,5	0	No	14,6
2804	GLOBAL	Cartesian	14,6	14	0	No	14,6
2805	GLOBAL	Cartesian	14,6	14,5	0	No	14,6
2806	GLOBAL	Cartesian	14,6	16	0	No	14,6
2823	GLOBAL	Cartesian	14,6	14,75	0	No	14,6
2824	GLOBAL	Cartesian	14,6	15	0	No	14,6
2825	GLOBAL	Cartesian	14,6	15,25	0	No	14,6
2826	GLOBAL	Cartesian	14,6	15,5	0	No	14,6
2827	GLOBAL	Cartesian	14,6	15,75	0	No	14,6

AUTOSTRADA VALDASTICO A31 NORD  
1° LOTTO – Piovene Rocchette – Valle dell’Astico

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**Table: Joint Coordinates, Part 2 of 2**

Table: Joint Coordinates, Part 2 of 2

Joint	GlobalY m	GlobalZ m	GUID
51	16	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
52	16	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
53	15,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
54	15,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
55	15	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
56	15	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
57	14,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
58	14,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
59	14	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
60	14	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
61	13,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
62	13,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
110	16	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
111	15,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
112	15	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
113	14,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
114	14	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
115	13,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
147	16	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
148	15,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
149	15	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
150	14,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
151	14	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
152	13,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
184	16	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
185	15,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
186	15	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
187	14,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd

AUTOSTRADA VALDASTICO A31 NORD  
1° LOTTO – Piovene Rocchette – Valle dell’Astico

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**Table: Joint Coordinates, Part 2 of 2**

Joint	GlobalY m	GlobalZ m	GUID
188	14	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
189	13,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
221	16	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
222	15,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
223	15	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
224	14,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
225	14	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
226	13,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
258	16	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
259	15,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
260	15	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
261	14,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
262	14	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
263	13,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
295	16	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
296	15,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
297	15	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
298	14,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
299	14	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
300	13,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
332	16	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
333	15,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
334	15	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
335	14,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
336	14	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
337	13,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
369	16	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
370	15,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
371	15	0	a0f20613-4c08-4252-89f5-91dc8e820bdd

AUTOSTRADA VALDASTICO A31 NORD  
1° LOTTO – Piovene Rocchette – Valle dell’Astico

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**Table: Joint Coordinates, Part 2 of 2**

Joint	GlobalY m	GlobalZ m	GUID
372	14,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
373	14	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
374	13,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1211	16	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1212	16	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1213	16	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1214	16	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1215	16	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1216	16	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1217	16	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1218	16	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1219	16	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1220	16	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1221	16	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1222	16	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1223	16	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1224	16	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1225	16	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1226	16	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1227	16	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1228	16	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1229	16	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1230	16	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1231	16	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1232	16	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1233	16	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1234	16	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1235	16	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1236	16	0	a0f20613-4c08-4252-89f5-91dc8e820bdd

AUTOSTRADA VALDASTICO A31 NORD  
1° LOTTO – Piovene Rocchette – Valle dell’Astico

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**Table: Joint Coordinates, Part 2 of 2**

Joint	GlobalY m	GlobalZ m	GUID
1237	16	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1238	16	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1239	16	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1240	16	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1241	16	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1242	16	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1243	15,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1244	15,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1245	15,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1246	15,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1247	15,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1248	15,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1249	15,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1250	15,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1251	15,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1252	15,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1253	15,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1254	15,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1255	15,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1256	15,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1257	15,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1258	15,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1259	15,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1260	15,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1261	15,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1262	15,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1263	15,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1264	15,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1265	15,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd



AUTOSTRADA VALDASTICO A31 NORD  
1° LOTTO – Piovone Rocchette – Valle dell’Astico

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**Table: Joint Coordinates, Part 2 of 2**

Joint	GlobalY m	GlobalZ m	GUID
1266	15,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1267	15,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1268	15,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1269	15,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1270	15,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1271	15,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1272	15,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1273	15,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1274	15,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1275	15	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1276	15	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1277	15	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1278	15	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1279	15	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1280	15	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1281	15	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1282	15	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1283	15	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1284	15	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1285	15	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1286	15	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1287	15	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1288	15	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1289	15	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1290	15	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1291	15	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1292	15	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1293	15	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1294	15	0	a0f20613-4c08-4252-89f5-91dc8e820bdd

AUTOSTRADA VALDASTICO A31 NORD  
1° LOTTO – Piovene Rocchette – Valle dell’Astico

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**Table: Joint Coordinates, Part 2 of 2**

Joint	GlobalY m	GlobalZ m	GUID
1295	15	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1296	15	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1297	15	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1298	15	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1299	15	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1300	15	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1301	15	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1302	15	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1303	15	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1596	15	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1597	15	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1598	15	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1599	14,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1600	14,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1601	14,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1602	14,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1603	14,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1604	14,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1605	14,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1606	14,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1607	14,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1608	14,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1609	14,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1610	14,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1611	14,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1612	14,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1613	14,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1614	14,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1615	14,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd

AUTOSTRADA VALDASTICO A31 NORD  
1° LOTTO – Piovone Rocchette – Valle dell’Astico

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**Table: Joint Coordinates, Part 2 of 2**

Joint	GlobalY m	GlobalZ m	GUID
1616	14,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1617	14,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1618	14,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1619	14,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1620	14,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1621	14,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1622	14,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1623	14,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1624	14,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1625	14,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1626	14,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1627	14,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1628	14,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1629	14,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1630	14,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1631	14	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1632	14	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1633	14	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1634	14	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1635	14	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1636	14	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1637	14	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1638	14	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1639	14	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1640	14	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1641	14	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1642	14	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1643	14	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1644	14	0	a0f20613-4c08-4252-89f5-91dc8e820bdd

AUTOSTRADA VALDASTICO A31 NORD  
1° LOTTO – Piovone Rocchette – Valle dell’Astico

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**Table: Joint Coordinates, Part 2 of 2**

Joint	GlobalY m	GlobalZ m	GUID
1645	14	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1646	14	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1647	14	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1648	14	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1649	14	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1650	14	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1651	14	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1652	14	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1653	14	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1654	14	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1655	14	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1656	14	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1657	14	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1658	14	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1659	14	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1660	14	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1661	14	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1662	14	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1663	13,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1664	13,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1665	13,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1666	13,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1667	13,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1668	13,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1669	13,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1670	13,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1671	13,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1672	13,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1673	13,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd

AUTOSTRADA VALDASTICO A31 NORD  
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**Table: Joint Coordinates, Part 2 of 2**

Joint	GlobalY m	GlobalZ m	GUID
1674	13,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1675	13,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1676	13,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1677	13,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1678	13,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1679	13,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1680	13,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1681	13,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1682	13,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1683	13,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1684	13,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1685	13,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1686	13,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1687	13,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1688	13,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1689	13,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1690	13,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1691	13,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1692	13,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1693	13,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
1694	13,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
2578	14,75	0	7b452fd3-eaf2-4c78-9dea-f6b21d1788e6
2579	14,75	0	7b452fd3-eaf2-4c78-9dea-f6b21d1788e6
2580	15,25	0	7b452fd3-eaf2-4c78-9dea-f6b21d1788e6
2581	15,25	0	7b452fd3-eaf2-4c78-9dea-f6b21d1788e6
2582	15,75	0	7b452fd3-eaf2-4c78-9dea-f6b21d1788e6
2583	15,75	0	7b452fd3-eaf2-4c78-9dea-f6b21d1788e6
2584	14,75	0	7b452fd3-eaf2-4c78-9dea-f6b21d1788e6
2585	15,25	0	7b452fd3-eaf2-4c78-9dea-f6b21d1788e6

AUTOSTRADA VALDASTICO A31 NORD  
1° LOTTO – Piovene Rocchette – Valle dell’Astico

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**Table: Joint Coordinates, Part 2 of 2**

Joint	GlobalY m	GlobalZ m	GUID
2586	15,75	0	7b452fd3-eaf2-4c78-9dea-f6b21d1788e6
2587	14,75	0	7b452fd3-eaf2-4c78-9dea-f6b21d1788e6
2588	15,25	0	7b452fd3-eaf2-4c78-9dea-f6b21d1788e6
2589	15,75	0	7b452fd3-eaf2-4c78-9dea-f6b21d1788e6
2590	14,75	0	7b452fd3-eaf2-4c78-9dea-f6b21d1788e6
2591	15,25	0	7b452fd3-eaf2-4c78-9dea-f6b21d1788e6
2592	15,75	0	7b452fd3-eaf2-4c78-9dea-f6b21d1788e6
2593	14,75	0	7b452fd3-eaf2-4c78-9dea-f6b21d1788e6
2594	14,75	0	7b452fd3-eaf2-4c78-9dea-f6b21d1788e6
2595	15,25	0	7b452fd3-eaf2-4c78-9dea-f6b21d1788e6
2596	15,25	0	7b452fd3-eaf2-4c78-9dea-f6b21d1788e6
2597	15,75	0	7b452fd3-eaf2-4c78-9dea-f6b21d1788e6
2598	15,75	0	7b452fd3-eaf2-4c78-9dea-f6b21d1788e6
2599	14,75	0	7b452fd3-eaf2-4c78-9dea-f6b21d1788e6
2600	14,75	0	7b452fd3-eaf2-4c78-9dea-f6b21d1788e6
2601	15,25	0	7b452fd3-eaf2-4c78-9dea-f6b21d1788e6
2602	15,25	0	7b452fd3-eaf2-4c78-9dea-f6b21d1788e6
2603	15,75	0	7b452fd3-eaf2-4c78-9dea-f6b21d1788e6
2604	15,75	0	7b452fd3-eaf2-4c78-9dea-f6b21d1788e6
2605	14,75	0	7b452fd3-eaf2-4c78-9dea-f6b21d1788e6
2606	15,25	0	7b452fd3-eaf2-4c78-9dea-f6b21d1788e6
2607	15,75	0	7b452fd3-eaf2-4c78-9dea-f6b21d1788e6
2608	14,75	0	7b452fd3-eaf2-4c78-9dea-f6b21d1788e6
2609	15,25	0	7b452fd3-eaf2-4c78-9dea-f6b21d1788e6
2610	15,75	0	7b452fd3-eaf2-4c78-9dea-f6b21d1788e6
2611	14,75	0	7b452fd3-eaf2-4c78-9dea-f6b21d1788e6
2612	15,25	0	7b452fd3-eaf2-4c78-9dea-f6b21d1788e6
2613	15,75	0	7b452fd3-eaf2-4c78-9dea-f6b21d1788e6
2614	14,75	0	7b452fd3-eaf2-4c78-9dea-f6b21d1788e6

AUTOSTRADA VALDASTICO A31 NORD  
1° LOTTO – Piovene Rocchette – Valle dell’Astico

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**Table: Joint Coordinates, Part 2 of 2**

Joint	GlobalY m	GlobalZ m	GUID
2615	15,25	0	7b452fd3-eaf2-4c78-9dea-f6b21d1788e6
2616	15,75	0	7b452fd3-eaf2-4c78-9dea-f6b21d1788e6
2617	14,75	0	7b452fd3-eaf2-4c78-9dea-f6b21d1788e6
2618	15,25	0	7b452fd3-eaf2-4c78-9dea-f6b21d1788e6
2619	15,75	0	7b452fd3-eaf2-4c78-9dea-f6b21d1788e6
2620	14,75	0	7b452fd3-eaf2-4c78-9dea-f6b21d1788e6
2621	15,25	0	7b452fd3-eaf2-4c78-9dea-f6b21d1788e6
2622	15,75	0	7b452fd3-eaf2-4c78-9dea-f6b21d1788e6
2623	14,75	0	7b452fd3-eaf2-4c78-9dea-f6b21d1788e6
2624	15,25	0	7b452fd3-eaf2-4c78-9dea-f6b21d1788e6
2625	15,75	0	7b452fd3-eaf2-4c78-9dea-f6b21d1788e6
2626	14,75	0	7b452fd3-eaf2-4c78-9dea-f6b21d1788e6
2627	15,25	0	7b452fd3-eaf2-4c78-9dea-f6b21d1788e6
2628	15,75	0	7b452fd3-eaf2-4c78-9dea-f6b21d1788e6
2629	14,75	0	7b452fd3-eaf2-4c78-9dea-f6b21d1788e6
2630	15,25	0	7b452fd3-eaf2-4c78-9dea-f6b21d1788e6
2631	15,75	0	7b452fd3-eaf2-4c78-9dea-f6b21d1788e6
2632	14,75	0	7b452fd3-eaf2-4c78-9dea-f6b21d1788e6
2633	15,25	0	7b452fd3-eaf2-4c78-9dea-f6b21d1788e6
2634	15,75	0	7b452fd3-eaf2-4c78-9dea-f6b21d1788e6
2635	14,75	0	7b452fd3-eaf2-4c78-9dea-f6b21d1788e6
2636	15,25	0	7b452fd3-eaf2-4c78-9dea-f6b21d1788e6
2637	15,75	0	7b452fd3-eaf2-4c78-9dea-f6b21d1788e6
2638	14,75	0	7b452fd3-eaf2-4c78-9dea-f6b21d1788e6
2639	15,25	0	7b452fd3-eaf2-4c78-9dea-f6b21d1788e6
2640	15,75	0	7b452fd3-eaf2-4c78-9dea-f6b21d1788e6
2641	14,75	0	7b452fd3-eaf2-4c78-9dea-f6b21d1788e6
2642	15,25	0	7b452fd3-eaf2-4c78-9dea-f6b21d1788e6
2643	15,75	0	7b452fd3-eaf2-4c78-9dea-f6b21d1788e6

AUTOSTRADA VALDASTICO A31 NORD  
1° LOTTO – Piovene Rocchette – Valle dell’Astico

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**Table: Joint Coordinates, Part 2 of 2**

Joint	GlobalY m	GlobalZ m	GUID
2644	14,75	0	7b452fd3-eaf2-4c78-9dea-f6b21d1788e6
2645	15,25	0	7b452fd3-eaf2-4c78-9dea-f6b21d1788e6
2646	15,75	0	7b452fd3-eaf2-4c78-9dea-f6b21d1788e6
2647	14,75	0	7b452fd3-eaf2-4c78-9dea-f6b21d1788e6
2648	15,25	0	7b452fd3-eaf2-4c78-9dea-f6b21d1788e6
2649	15,75	0	7b452fd3-eaf2-4c78-9dea-f6b21d1788e6
2650	14,75	0	7b452fd3-eaf2-4c78-9dea-f6b21d1788e6
2651	15,25	0	7b452fd3-eaf2-4c78-9dea-f6b21d1788e6
2652	15,75	0	7b452fd3-eaf2-4c78-9dea-f6b21d1788e6
2653	14,75	0	7b452fd3-eaf2-4c78-9dea-f6b21d1788e6
2654	15,25	0	7b452fd3-eaf2-4c78-9dea-f6b21d1788e6
2655	15,75	0	7b452fd3-eaf2-4c78-9dea-f6b21d1788e6
2656	14,75	0	7b452fd3-eaf2-4c78-9dea-f6b21d1788e6
2657	15,25	0	7b452fd3-eaf2-4c78-9dea-f6b21d1788e6
2658	15,75	0	7b452fd3-eaf2-4c78-9dea-f6b21d1788e6
2659	14,75	0	7b452fd3-eaf2-4c78-9dea-f6b21d1788e6
2660	15,25	0	7b452fd3-eaf2-4c78-9dea-f6b21d1788e6
2661	15,75	0	7b452fd3-eaf2-4c78-9dea-f6b21d1788e6
2662	14,75	0	7b452fd3-eaf2-4c78-9dea-f6b21d1788e6
2663	15,25	0	7b452fd3-eaf2-4c78-9dea-f6b21d1788e6
2664	15,75	0	7b452fd3-eaf2-4c78-9dea-f6b21d1788e6
2665	14,75	0	7b452fd3-eaf2-4c78-9dea-f6b21d1788e6
2666	15,25	0	7b452fd3-eaf2-4c78-9dea-f6b21d1788e6
2667	15,75	0	7b452fd3-eaf2-4c78-9dea-f6b21d1788e6
2668	14,75	0	7b452fd3-eaf2-4c78-9dea-f6b21d1788e6
2669	15,25	0	7b452fd3-eaf2-4c78-9dea-f6b21d1788e6
2670	15,75	0	7b452fd3-eaf2-4c78-9dea-f6b21d1788e6
2671	14,75	0	7b452fd3-eaf2-4c78-9dea-f6b21d1788e6
2672	15,25	0	7b452fd3-eaf2-4c78-9dea-f6b21d1788e6



AUTOSTRADA VALDASTICO A31 NORD  
1° LOTTO – Piovene Rocchette – Valle dell’Astico

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**Table: Joint Coordinates, Part 2 of 2**

Joint	GlobalY m	GlobalZ m	GUID
2673	15,75	0	7b452fd3-eaf2-4c78-9dea-f6b21d1788e6
2674	14,75	0	7b452fd3-eaf2-4c78-9dea-f6b21d1788e6
2675	15,25	0	7b452fd3-eaf2-4c78-9dea-f6b21d1788e6
2676	15,75	0	7b452fd3-eaf2-4c78-9dea-f6b21d1788e6
2677	14,75	0	7b452fd3-eaf2-4c78-9dea-f6b21d1788e6
2678	15,25	0	7b452fd3-eaf2-4c78-9dea-f6b21d1788e6
2679	15,75	0	7b452fd3-eaf2-4c78-9dea-f6b21d1788e6
2680	14,75	0	7b452fd3-eaf2-4c78-9dea-f6b21d1788e6
2681	15,25	0	7b452fd3-eaf2-4c78-9dea-f6b21d1788e6
2682	15,75	0	7b452fd3-eaf2-4c78-9dea-f6b21d1788e6
2683	14,75	0	7b452fd3-eaf2-4c78-9dea-f6b21d1788e6
2684	15,25	0	7b452fd3-eaf2-4c78-9dea-f6b21d1788e6
2685	15,75	0	7b452fd3-eaf2-4c78-9dea-f6b21d1788e6
2686	14,75	0	7b452fd3-eaf2-4c78-9dea-f6b21d1788e6
2687	15,25	0	7b452fd3-eaf2-4c78-9dea-f6b21d1788e6
2688	15,75	0	7b452fd3-eaf2-4c78-9dea-f6b21d1788e6
2689	14,75	0	7b452fd3-eaf2-4c78-9dea-f6b21d1788e6
2690	15,25	0	7b452fd3-eaf2-4c78-9dea-f6b21d1788e6
2691	15,75	0	7b452fd3-eaf2-4c78-9dea-f6b21d1788e6
2692	14,75	0	7b452fd3-eaf2-4c78-9dea-f6b21d1788e6
2693	15,25	0	7b452fd3-eaf2-4c78-9dea-f6b21d1788e6
2694	15,75	0	7b452fd3-eaf2-4c78-9dea-f6b21d1788e6
2695	14,75	0	7b452fd3-eaf2-4c78-9dea-f6b21d1788e6
2696	15,25	0	7b452fd3-eaf2-4c78-9dea-f6b21d1788e6
2697	15,75	0	7b452fd3-eaf2-4c78-9dea-f6b21d1788e6
2698	14,75	0	7b452fd3-eaf2-4c78-9dea-f6b21d1788e6
2699	15,25	0	7b452fd3-eaf2-4c78-9dea-f6b21d1788e6
2700	15,75	0	7b452fd3-eaf2-4c78-9dea-f6b21d1788e6
2701	14,75	0	7b452fd3-eaf2-4c78-9dea-f6b21d1788e6

AUTOSTRADA VALDASTICO A31 NORD  
1° LOTTO – Piovone Rocchette – Valle dell’Astico

**Table: Joint Coordinates, Part 2 of 2**

Joint	GlobalY m	GlobalZ m	GUID
2702	15,25	0	7b452fd3-eaf2-4c78-9dea-f6b21d1788e6
2703	15,75	0	7b452fd3-eaf2-4c78-9dea-f6b21d1788e6
2803	13,5	0	7c609a58-a34c-4bf0-b5eb-9d857ac4e718
2804	14	0	7c609a58-a34c-4bf0-b5eb-9d857ac4e718
2805	14,5	0	7c609a58-a34c-4bf0-b5eb-9d857ac4e718
2806	16	0	7c609a58-a34c-4bf0-b5eb-9d857ac4e718
2823	14,75	0	7c609a58-a34c-4bf0-b5eb-9d857ac4e718
2824	15	0	7c609a58-a34c-4bf0-b5eb-9d857ac4e718
2825	15,25	0	7c609a58-a34c-4bf0-b5eb-9d857ac4e718
2826	15,5	0	7c609a58-a34c-4bf0-b5eb-9d857ac4e718
2827	15,75	0	7c609a58-a34c-4bf0-b5eb-9d857ac4e718

**Table: Joint Loads - Force, Part 1 of 2**

Table: Joint Loads - Force, Part 1 of 2

Joint	LoadPat	CoordSys	F1 KN	F2 KN	F3 KN	M1 KN-m	M2 KN-m
51	G2-RETE	GLOBAL	0	0	-0,5	0	0
52	G2-RETE	GLOBAL	0	0	-0,5	0	0
53	G2-RETE	GLOBAL	0	0	-0,5	0	0
54	G2-RETE	GLOBAL	0	0	-0,5	0	0
55	G2-RETE	GLOBAL	0	0	-0,5	0	0
56	G2-RETE	GLOBAL	0	0	-0,5	0	0
57	G2-RETE	GLOBAL	0	0	-0,5	0	0
58	G2-RETE	GLOBAL	0	0	-0,5	0	0
59	G2-RETE	GLOBAL	0	0	-0,5	0	0
60	G2-RETE	GLOBAL	0	0	-0,5	0	0
61	G2-RETE	GLOBAL	0	0	-0,5	0	0
62	G2-RETE	GLOBAL	0	0	-0,5	0	0
110	G2-GUARDRAIL	GLOBAL	0	0	-0,75	0	0
111	G2-GUARDRAIL	GLOBAL	0	0	-0,75	0	0
112	G2-GUARDRAIL	GLOBAL	0	0	-0,75	0	0
113	G2-GUARDRAIL	GLOBAL	0	0	-0,75	0	0
114	G2-GUARDRAIL	GLOBAL	0	0	-0,75	0	0
115	G2-GUARDRAIL	GLOBAL	0	0	-0,75	0	0
147	G2-GUARDRAIL	GLOBAL	0	0	-0,75	0	0
148	G2-GUARDRAIL	GLOBAL	0	0	-0,75	0	0
149	G2-GUARDRAIL	GLOBAL	0	0	-0,75	0	0
150	G2-GUARDRAIL	GLOBAL	0	0	-0,75	0	0
151	G2-GUARDRAIL	GLOBAL	0	0	-0,75	0	0
152	G2-GUARDRAIL	GLOBAL	0	0	-0,75	0	0
2579	G2-RETE	GLOBAL	0	0	-0,5	0	0
2581	G2-RETE	GLOBAL	0	0	-0,5	0	0

AUTOSTRADA VALDASTICO A31 NORD  
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**Table: Joint Loads - Force, Part 1 of 2**

Joint	LoadPat	CoordSys	F1 KN	F2 KN	F3 KN	M1 KN-m	M2 KN-m
2583	G2-RETE	GLOBAL	0	0	-0,5	0	0
2611	G2-RETE	GLOBAL	0	0	-0,5	0	0
2612	G2-RETE	GLOBAL	0	0	-0,5	0	0
2613	G2-RETE	GLOBAL	0	0	-0,5	0	0
2803	G2-GUARDRAIL	GLOBAL	0	0	-0,75	0	0
2804	G2-GUARDRAIL	GLOBAL	0	0	-0,75	0	0
2805	G2-GUARDRAIL	GLOBAL	0	0	-0,75	0	0
2806	G2-GUARDRAIL	GLOBAL	0	0	-0,75	0	0
2824	G2-GUARDRAIL	GLOBAL	0	0	-0,75	0	0
2826	G2-GUARDRAIL	GLOBAL	0	0	-0,75	0	0

**Table: Joint Loads - Force, Part 2 of 2**

Table: Joint Loads - Force, Part 2 of 2

Joint	LoadPat	M3 KN-m	GUID
51	G2-RETE	0	07ccc49f-ad16-4bc9-8ff3-abfdcb9f1d2c
52	G2-RETE	0	40fe0e78-f253-4baa-8b19-4bfca1ab726c
53	G2-RETE	0	b9be5686-fd43-478d-b629-41d35e1f27b3
54	G2-RETE	0	2251875a-e0f0-4b08-89a5-8ddbdfdcfb17
55	G2-RETE	0	3cf6934f-c0b1-4af6-92bb-033928b292cd
56	G2-RETE	0	d5c7c6a8-d792-4bfc-89b7-ff991686b43c
57	G2-RETE	0	920ccdfa-e50e-4455-981a-0bf992049316
58	G2-RETE	0	f4d5c071-22bb-4e2b-aa60-66e7355a90fc
59	G2-RETE	0	941b00a4-f90f-4b1d-b602-679c125e1425
60	G2-RETE	0	21b6d2ad-b5aa-4392-8877-878be9fa8941
61	G2-RETE	0	e9d8cb6b-c063-4235-9d76-bf0f9bd81343
62	G2-RETE	0	0e497ce7-ebdb-42f9-8365-a847ac03768e
110	G2-GUARDRAIL	0	1022c012-099b-47b1-9316-92abc701fdd1
111	G2-GUARDRAIL	0	3342004e-2119-4ab3-9697-21b6a810e62b
112	G2-GUARDRAIL	0	5c87414b-99e2-4ac4-a58a-b610b17062e3
113	G2-GUARDRAIL	0	50554737-0c29-43e2-b745-9d53a7ec56b1
114	G2-GUARDRAIL	0	12ce434b-8bb8-403f-9d2e-6a41e149c284
115	G2-GUARDRAIL	0	ffb30ff5-51fa-4832-acf3-a6b1a7d47ed9
147	G2-GUARDRAIL	0	80061532-e8a1-46d3-878a-c6d092f21e77

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**Table: Joint Loads - Force, Part 2 of 2**

Joint	LoadPat	M3 KN-m	GUID
148	G2-GUARDRAIL	0	fb19da6f-89e9-41bc-9a0f-deb1c428c43d
149	G2-GUARDRAIL	0	dee14b43-6771-4e88-ae7c-3f9af246e214
150	G2-GUARDRAIL	0	c77aa701-f89a-4e85-b2a9-4d0c39a6f6bf
151	G2-GUARDRAIL	0	b99036d4-9ec0-4a1d-a123-0e30175ed808
152	G2-GUARDRAIL	0	78ce1d06-541c-46d7-a3c4-2472c1b374b5
2579	G2-RETE	0	25bb4fb3-5a0a-40e7-83ef-4ee08bd35a85
2581	G2-RETE	0	2cd8976e-2c5d-4f83-9693-7fe0209c5058
2583	G2-RETE	0	4c9137fe-5a0d-4feb-a523-94ad316662fe
2611	G2-RETE	0	9f7e28ee-2f6b-4aeb-9992-1a51d0b5be47
2612	G2-RETE	0	b92ad2c0-05cd-4d3d-a604-62816d7adb50
2613	G2-RETE	0	17fd3844-b0a9-4e07-a8dc-9b0ad2932e2e
2803	G2-GUARDRAIL	0	b8064ca1-3974-4a29-acd9-444be54699e0
2804	G2-GUARDRAIL	0	646e6d61-ec88-4cc6-a87e-d7e08f92417b
2805	G2-GUARDRAIL	0	2dc45ca4-5e97-4d89-8d9a-96e0d51e0abe
2806	G2-GUARDRAIL	0	0d24e4e3-958c-4f16-a5fa-53d368b3e959
2824	G2-GUARDRAIL	0	7ae2d67e-a425-4319-93f6-8f5c179cfba1
2826	G2-GUARDRAIL	0	b884af40-a817-423f-9865-801936342571

**Table: Joint Restraint Assignments**

**Table: Joint Restraint Assignments**

Joint	U1	U2	U3	R1	R2	R3
258	Yes	Yes	Yes	No	No	No
259	Yes	Yes	Yes	No	No	No
260	Yes	Yes	Yes	No	No	No
261	Yes	Yes	Yes	No	No	No
262	Yes	Yes	Yes	No	No	No
263	Yes	Yes	Yes	No	No	No
295	Yes	Yes	Yes	No	No	No
296	Yes	Yes	Yes	No	No	No
297	Yes	Yes	Yes	No	No	No
298	Yes	Yes	Yes	No	No	No
299	Yes	Yes	Yes	No	No	No
300	Yes	Yes	Yes	No	No	No
332	Yes	Yes	Yes	No	No	No
333	Yes	Yes	Yes	No	No	No
334	Yes	Yes	Yes	No	No	No

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**Table: Joint Restraint Assignments**

Joint	U1	U2	U3	R1	R2	R3
335	Yes	Yes	Yes	No	No	No
336	Yes	Yes	Yes	No	No	No
337	Yes	Yes	Yes	No	No	No
369	Yes	Yes	Yes	No	No	No
370	Yes	Yes	Yes	No	No	No
371	Yes	Yes	Yes	No	No	No
372	Yes	Yes	Yes	No	No	No
373	Yes	Yes	Yes	No	No	No
374	Yes	Yes	Yes	No	No	No

**Table: Load Pattern Definitions**

**Table: Load Pattern Definitions**

LoadPat	DesignType	SelfWtMult	AutoLoad	GUID	Notes
G1	Dead	1		982c3812-67a5-4d3b-b098-69c71ad9a2b3	
G2-PAVIM	Super Dead	0		6ace74ac-e178-410c-87b1-f728828180ba	
Q5-FOLLA	Live	0		bc148e3d-ca91-4a50-b886-458df3094460	
G2-GUARDRAIL	Super Dead	0		7fa4400a-5741-449a-92cc-0e8299a5752c	
G2-RETE	Super Dead	0		a3a81943-2bcf-49f8-89fc-97b1eb3d6475	
_Q1k-A	Live	0		694fc25f-9b15-40c3-9a5b-a7cc300743fb	
_Q1k-B	Live	0		69eb69c3-8ccc-4b0a-8756-d928f157001a	
_Q1k-C	Live	0		e96c3591-c1f6-495d-a5a8-7dbcb16df942	
_Q1k-D	Live	0		26076c15-ee0c-4672-8c50-38ec0b8965d1	
_Q1k-E	Live	0		68ae05e7-8b3d-49e8-8433-c18161494cb0	
q1k-A	Live	0		73e73adb-6441-452f-a160-146ee21153e6	
q1k-B	Live	0		cf4ab8e2-9e75-4690-96ba-1e9520ba039f	
q1k-C	Live	0		f369890f-de97-49d7-aca1-ddf0b97e93fb	
q1k-D	Live	0		6a7e5ca1-3447-4db6-a7bf-ed0ed3561606	
q1k-E	Live	0		4cabde6e-2c60-485d-be17-8e3c0e328ec3	

**Table: Material Properties 01 - General, Part 1 of 2**

**Table: Material Properties 01 - General, Part 1 of 2**

Material	Type	SymType	TempDe-pend	Color	GUID
A992Fy50	Steel	Isotropic	No	Cyan	
B450C	Rebar	Uniaxial	No	Green	

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**Table: Material Properties 01 - General, Part 1 of 2**

Material	Type	SymType	TempDepend	Color	GUID
C32/40	Concrete	Isotropic	No	Green	

**Table: Material Properties 01 - General, Part 2 of 2**

**Table: Material Properties 01 - General, Part 2 of 2**

Material	Notes
A992Fy50	ASTM A992 Grade 50 30/03/2017 10.40.50
B450C	Italy NTC2008 B450C added 21/03/2017 17.18.44
C32/40	Italy UNI EN 206-1:2006 e UNI 11104:2004 C32/40 added 21/03/2017 17.18.37

**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
A992Fy50	76,97286394 22648	7,849047379 95992	199947978,8	76903068,77	0,3	1,169999944 21006E-05
B450C	76,97286394 22648	7,849047379 95992	210000000			1,17E-05
C32/40	24,99261766	2,5485377	33346000	13894166,67	0,2	1E-05

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

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

Material	Fc KN/m2	eFc KN/m2	LtWtConc	SSCurveOpt	SSHysType	SFc	SCap	FinalSlope
C32/40	32000	32000	No	Mander	Takeda	0,001919	0,005	-0,1

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

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

Material	FAngle Degrees	DAngle Degrees
C32/40	0	0

**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
B450C	450000	540000	495000	594000	Simple	Kinematic	0,0225	0,675

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

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

Material	FinalSlope	UseCTDef
B450C	-0,1	No

**Table: Program Control, Part 1 of 2**

Table: Program Control, Part 1 of 2

Program-Name	Version	ProgLevel	LicenseNum	LicenseOS	LicenseSC	LicenseHT	CurrUnits
SAP2000	18.2.0	Ultimate	3010*18X5E S5DWKWSN A8	Yes	Yes	No	KN, m, C

**Table: Program Control, Part 2 of 2**

Table: Program Control, Part 2 of 2

SteelCode	ConcCode	AlumCode	ColdCode	RegenHinge
AISC 360-10	ACI 318-14	AA-ASD 2000	AISI-ASD96	Yes

**2.2. Input: schema di carico - bordo soletta**

**Table: Active Degrees of Freedom**

Table: Active Degrees of Freedom

UX	UY	UZ	RX	RY	RZ
Yes	Yes	Yes	Yes	Yes	Yes

**Table: Analysis Options**

Table: Analysis Options

Solver	SolverProc	Force32Bit	StiffCase	GeomMod
Advanced	Auto	No	None	None

**Table: Area Loads - Uniform**

Table: Area Loads - Uniform

Area	LoadPat	CoordSys	Dir	UnifLoad KN/m2
435	Q5-FOLLA	GLOBAL	Gravity	5
436	Q5-FOLLA	GLOBAL	Gravity	5

AUTOSTRADA VALDASTICO A31 NORD  
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**Table: Area Loads - Uniform**

Area	LoadPat	CoordSys	Dir	UnifLoad KN/m2
447	Q5-FOLLA	GLOBAL	Gravity	5
449	Q5-FOLLA	GLOBAL	Gravity	5
565	Q5-FOLLA	GLOBAL	Gravity	5
566	Q5-FOLLA	GLOBAL	Gravity	5
590	Q5-FOLLA	GLOBAL	Gravity	5
592	Q5-FOLLA	GLOBAL	Gravity	5
1137	Q5-FOLLA	GLOBAL	Gravity	5
1138	Q5-FOLLA	GLOBAL	Gravity	5
1139	Q5-FOLLA	GLOBAL	Gravity	5
1141	Q5-FOLLA	GLOBAL	Gravity	5
1175	Q5-FOLLA	GLOBAL	Gravity	5
1176	Q5-FOLLA	GLOBAL	Gravity	5
1177	Q5-FOLLA	GLOBAL	Gravity	5
1179	Q5-FOLLA	GLOBAL	Gravity	5
1251	G2-PAVIM	GLOBAL	Gravity	3
1251	q1k-A	GLOBAL	Gravity	9
1251	q1k-B	GLOBAL	Gravity	2,5
1251	q1k-E	GLOBAL	Gravity	2,5
1252	G2-PAVIM	GLOBAL	Gravity	3
1252	q1k-A	GLOBAL	Gravity	9
1252	q1k-B	GLOBAL	Gravity	2,5
1252	q1k-E	GLOBAL	Gravity	2,5
1252	_Q1k-A	GLOBAL	Gravity	150
1252	_Q1k-B	GLOBAL	Gravity	100
1253	G2-PAVIM	GLOBAL	Gravity	3
1253	q1k-A	GLOBAL	Gravity	9
1253	q1k-B	GLOBAL	Gravity	2,5
1253	q1k-E	GLOBAL	Gravity	2,5
1253	_Q1k-A	GLOBAL	Gravity	150
1253	_Q1k-B	GLOBAL	Gravity	100
1255	G2-PAVIM	GLOBAL	Gravity	3
1255	q1k-A	GLOBAL	Gravity	9
1255	q1k-B	GLOBAL	Gravity	2,5
1255	q1k-E	GLOBAL	Gravity	2,5
1255	_Q1k-A	GLOBAL	Gravity	200
1255	_Q1k-B	GLOBAL	Gravity	134
1289	G2-PAVIM	GLOBAL	Gravity	3
1289	q1k-A	GLOBAL	Gravity	9
1289	q1k-B	GLOBAL	Gravity	2,5
1289	q1k-E	GLOBAL	Gravity	2,5
1290	G2-PAVIM	GLOBAL	Gravity	3
1290	q1k-A	GLOBAL	Gravity	9
1290	q1k-B	GLOBAL	Gravity	2,5
1290	q1k-E	GLOBAL	Gravity	2,5
1290	_Q1k-A	GLOBAL	Gravity	150
1290	_Q1k-B	GLOBAL	Gravity	100
1291	G2-PAVIM	GLOBAL	Gravity	3
1291	q1k-A	GLOBAL	Gravity	9
1291	q1k-B	GLOBAL	Gravity	2,5
1291	q1k-E	GLOBAL	Gravity	2,5
1291	_Q1k-A	GLOBAL	Gravity	150
1291	_Q1k-B	GLOBAL	Gravity	100
1293	G2-PAVIM	GLOBAL	Gravity	3



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**Table: Area Loads - Uniform**

Area	LoadPat	CoordSys	Dir	UnifLoad KN/m2
1293	q1k-A	GLOBAL	Gravity	9
1293	q1k-B	GLOBAL	Gravity	2,5
1293	q1k-E	GLOBAL	Gravity	2,5
1293	_Q1k-A	GLOBAL	Gravity	200
1293	_Q1k-B	GLOBAL	Gravity	134
1327	G2-PAVIM	GLOBAL	Gravity	3
1327	q1k-A	GLOBAL	Gravity	9
1327	q1k-B	GLOBAL	Gravity	2,5
1327	q1k-E	GLOBAL	Gravity	2,5
1328	G2-PAVIM	GLOBAL	Gravity	3
1328	q1k-A	GLOBAL	Gravity	9
1328	q1k-B	GLOBAL	Gravity	2,5
1328	q1k-E	GLOBAL	Gravity	2,5
1328	_Q1k-A	GLOBAL	Gravity	150
1328	_Q1k-B	GLOBAL	Gravity	100
1329	G2-PAVIM	GLOBAL	Gravity	3
1329	q1k-A	GLOBAL	Gravity	9
1329	q1k-B	GLOBAL	Gravity	2,5
1329	q1k-E	GLOBAL	Gravity	2,5
1329	_Q1k-A	GLOBAL	Gravity	150
1329	_Q1k-B	GLOBAL	Gravity	100
1331	G2-PAVIM	GLOBAL	Gravity	3
1331	q1k-A	GLOBAL	Gravity	9
1331	q1k-B	GLOBAL	Gravity	2,5
1331	q1k-E	GLOBAL	Gravity	2,5
1331	_Q1k-A	GLOBAL	Gravity	200
1331	_Q1k-B	GLOBAL	Gravity	134
1365	G2-PAVIM	GLOBAL	Gravity	3
1365	q1k-A	GLOBAL	Gravity	9
1365	q1k-B	GLOBAL	Gravity	2,5
1365	q1k-E	GLOBAL	Gravity	2,5
1366	G2-PAVIM	GLOBAL	Gravity	3
1366	q1k-A	GLOBAL	Gravity	9
1366	q1k-B	GLOBAL	Gravity	2,5
1366	q1k-E	GLOBAL	Gravity	2,5
1366	_Q1k-E	GLOBAL	Gravity	100
1367	G2-PAVIM	GLOBAL	Gravity	3
1367	q1k-A	GLOBAL	Gravity	9
1367	q1k-B	GLOBAL	Gravity	2,5
1367	q1k-E	GLOBAL	Gravity	2,5
1367	_Q1k-E	GLOBAL	Gravity	100
1369	G2-PAVIM	GLOBAL	Gravity	3
1369	q1k-A	GLOBAL	Gravity	9
1369	q1k-B	GLOBAL	Gravity	2,5
1369	q1k-E	GLOBAL	Gravity	2,5
1369	_Q1k-E	GLOBAL	Gravity	134
1403	G2-PAVIM	GLOBAL	Gravity	3
1403	q1k-A	GLOBAL	Gravity	9
1403	q1k-B	GLOBAL	Gravity	2,5
1403	q1k-E	GLOBAL	Gravity	2,5
1404	G2-PAVIM	GLOBAL	Gravity	3
1404	q1k-A	GLOBAL	Gravity	9
1404	q1k-B	GLOBAL	Gravity	2,5

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**Table: Area Loads - Uniform**

Area	LoadPat	CoordSys	Dir	UnifLoad KN/m2
1404	q1k-E	GLOBAL	Gravity	2,5
1404	_Q1k-E	GLOBAL	Gravity	100
1405	G2-PAVIM	GLOBAL	Gravity	3
1405	q1k-A	GLOBAL	Gravity	9
1405	q1k-B	GLOBAL	Gravity	2,5
1405	q1k-E	GLOBAL	Gravity	2,5
1405	_Q1k-E	GLOBAL	Gravity	100
1407	G2-PAVIM	GLOBAL	Gravity	3
1407	q1k-A	GLOBAL	Gravity	9
1407	q1k-B	GLOBAL	Gravity	2,5
1407	q1k-E	GLOBAL	Gravity	2,5
1407	_Q1k-E	GLOBAL	Gravity	134
1441	G2-PAVIM	GLOBAL	Gravity	3
1441	q1k-A	GLOBAL	Gravity	9
1441	q1k-B	GLOBAL	Gravity	2,5
1441	q1k-E	GLOBAL	Gravity	2,5
1442	G2-PAVIM	GLOBAL	Gravity	3
1442	q1k-A	GLOBAL	Gravity	9
1442	q1k-B	GLOBAL	Gravity	2,5
1442	q1k-E	GLOBAL	Gravity	2,5
1442	_Q1k-A	GLOBAL	Gravity	150
1442	_Q1k-B	GLOBAL	Gravity	100
1443	G2-PAVIM	GLOBAL	Gravity	3
1443	q1k-A	GLOBAL	Gravity	9
1443	q1k-B	GLOBAL	Gravity	2,5
1443	q1k-E	GLOBAL	Gravity	2,5
1443	_Q1k-A	GLOBAL	Gravity	150
1443	_Q1k-B	GLOBAL	Gravity	100
1445	G2-PAVIM	GLOBAL	Gravity	3
1445	q1k-A	GLOBAL	Gravity	9
1445	q1k-B	GLOBAL	Gravity	2,5
1445	q1k-E	GLOBAL	Gravity	2,5
1445	_Q1k-A	GLOBAL	Gravity	200
1445	_Q1k-B	GLOBAL	Gravity	134
1479	G2-PAVIM	GLOBAL	Gravity	3
1479	q1k-A	GLOBAL	Gravity	9
1479	q1k-B	GLOBAL	Gravity	2,5
1479	q1k-E	GLOBAL	Gravity	2,5
1480	G2-PAVIM	GLOBAL	Gravity	3
1480	q1k-A	GLOBAL	Gravity	9
1480	q1k-B	GLOBAL	Gravity	2,5
1480	q1k-E	GLOBAL	Gravity	2,5
1480	_Q1k-A	GLOBAL	Gravity	150
1480	_Q1k-B	GLOBAL	Gravity	100
1481	G2-PAVIM	GLOBAL	Gravity	3
1481	q1k-A	GLOBAL	Gravity	9
1481	q1k-B	GLOBAL	Gravity	2,5
1481	q1k-E	GLOBAL	Gravity	2,5
1481	_Q1k-A	GLOBAL	Gravity	150
1481	_Q1k-B	GLOBAL	Gravity	100
1483	G2-PAVIM	GLOBAL	Gravity	3
1483	q1k-A	GLOBAL	Gravity	9
1483	q1k-B	GLOBAL	Gravity	2,5

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**Table: Area Loads - Uniform**

Area	LoadPat	CoordSys	Dir	UnifLoad KN/m2
1483	q1k-E	GLOBAL	Gravity	2,5
1483	_Q1k-A	GLOBAL	Gravity	200
1483	_Q1k-B	GLOBAL	Gravity	134
1517	G2-PAVIM	GLOBAL	Gravity	3
1517	q1k-A	GLOBAL	Gravity	2,5
1517	q1k-B	GLOBAL	Gravity	9
1517	q1k-E	GLOBAL	Gravity	2,5
1518	G2-PAVIM	GLOBAL	Gravity	3
1518	q1k-A	GLOBAL	Gravity	2,5
1518	q1k-B	GLOBAL	Gravity	9
1518	q1k-E	GLOBAL	Gravity	2,5
1518	_Q1k-A	GLOBAL	Gravity	100
1518	_Q1k-B	GLOBAL	Gravity	150
1518	_Q1k-E	GLOBAL	Gravity	100
1519	G2-PAVIM	GLOBAL	Gravity	3
1519	q1k-A	GLOBAL	Gravity	2,5
1519	q1k-B	GLOBAL	Gravity	9
1519	q1k-E	GLOBAL	Gravity	2,5
1519	_Q1k-A	GLOBAL	Gravity	100
1519	_Q1k-B	GLOBAL	Gravity	150
1519	_Q1k-E	GLOBAL	Gravity	100
1521	G2-PAVIM	GLOBAL	Gravity	3
1521	q1k-A	GLOBAL	Gravity	2,5
1521	q1k-B	GLOBAL	Gravity	9
1521	q1k-E	GLOBAL	Gravity	2,5
1521	_Q1k-A	GLOBAL	Gravity	134
1521	_Q1k-B	GLOBAL	Gravity	200
1521	_Q1k-E	GLOBAL	Gravity	134
1555	G2-PAVIM	GLOBAL	Gravity	3
1555	q1k-A	GLOBAL	Gravity	2,5
1555	q1k-B	GLOBAL	Gravity	9
1555	q1k-E	GLOBAL	Gravity	2,5
1556	G2-PAVIM	GLOBAL	Gravity	3
1556	q1k-A	GLOBAL	Gravity	2,5
1556	q1k-B	GLOBAL	Gravity	9
1556	q1k-E	GLOBAL	Gravity	2,5
1556	_Q1k-A	GLOBAL	Gravity	100
1556	_Q1k-B	GLOBAL	Gravity	150
1556	_Q1k-E	GLOBAL	Gravity	100
1557	G2-PAVIM	GLOBAL	Gravity	3
1557	q1k-A	GLOBAL	Gravity	2,5
1557	q1k-B	GLOBAL	Gravity	9
1557	q1k-E	GLOBAL	Gravity	2,5
1557	_Q1k-A	GLOBAL	Gravity	100
1557	_Q1k-B	GLOBAL	Gravity	150
1557	_Q1k-E	GLOBAL	Gravity	100
1559	G2-PAVIM	GLOBAL	Gravity	3
1559	q1k-A	GLOBAL	Gravity	2,5
1559	q1k-B	GLOBAL	Gravity	9
1559	q1k-E	GLOBAL	Gravity	2,5
1559	_Q1k-A	GLOBAL	Gravity	134
1559	_Q1k-B	GLOBAL	Gravity	200
1559	_Q1k-E	GLOBAL	Gravity	134

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**Table: Area Loads - Uniform**

Area	LoadPat	CoordSys	Dir	UnifLoad KN/m2
1593	G2-PAVIM	GLOBAL	Gravity	3
1593	q1k-A	GLOBAL	Gravity	2,5
1593	q1k-B	GLOBAL	Gravity	9
1593	q1k-E	GLOBAL	Gravity	9
1594	G2-PAVIM	GLOBAL	Gravity	3
1594	q1k-A	GLOBAL	Gravity	2,5
1594	q1k-B	GLOBAL	Gravity	9
1594	q1k-E	GLOBAL	Gravity	9
1594	_Q1k-E	GLOBAL	Gravity	150
1595	G2-PAVIM	GLOBAL	Gravity	3
1595	q1k-A	GLOBAL	Gravity	2,5
1595	q1k-B	GLOBAL	Gravity	9
1595	q1k-E	GLOBAL	Gravity	9
1595	_Q1k-E	GLOBAL	Gravity	150
1597	G2-PAVIM	GLOBAL	Gravity	3
1597	q1k-A	GLOBAL	Gravity	2,5
1597	q1k-B	GLOBAL	Gravity	9
1597	q1k-E	GLOBAL	Gravity	9
1597	_Q1k-E	GLOBAL	Gravity	200
1631	G2-PAVIM	GLOBAL	Gravity	3
1631	q1k-A	GLOBAL	Gravity	2,5
1631	q1k-B	GLOBAL	Gravity	9
1631	q1k-E	GLOBAL	Gravity	9
1632	G2-PAVIM	GLOBAL	Gravity	3
1632	q1k-A	GLOBAL	Gravity	2,5
1632	q1k-B	GLOBAL	Gravity	9
1632	q1k-E	GLOBAL	Gravity	9
1632	_Q1k-E	GLOBAL	Gravity	150
1633	G2-PAVIM	GLOBAL	Gravity	3
1633	q1k-A	GLOBAL	Gravity	2,5
1633	q1k-B	GLOBAL	Gravity	9
1633	q1k-E	GLOBAL	Gravity	9
1633	_Q1k-E	GLOBAL	Gravity	150
1635	G2-PAVIM	GLOBAL	Gravity	3
1635	q1k-A	GLOBAL	Gravity	2,5
1635	q1k-B	GLOBAL	Gravity	9
1635	q1k-E	GLOBAL	Gravity	9
1635	_Q1k-E	GLOBAL	Gravity	200
1669	G2-PAVIM	GLOBAL	Gravity	3
1669	q1k-A	GLOBAL	Gravity	2,5
1669	q1k-B	GLOBAL	Gravity	9
1669	q1k-E	GLOBAL	Gravity	9
1670	G2-PAVIM	GLOBAL	Gravity	3
1670	q1k-A	GLOBAL	Gravity	2,5
1670	q1k-B	GLOBAL	Gravity	9
1670	q1k-E	GLOBAL	Gravity	9
1670	_Q1k-A	GLOBAL	Gravity	100
1670	_Q1k-B	GLOBAL	Gravity	150
1671	G2-PAVIM	GLOBAL	Gravity	3
1671	q1k-A	GLOBAL	Gravity	2,5
1671	q1k-B	GLOBAL	Gravity	9
1671	q1k-E	GLOBAL	Gravity	9
1671	_Q1k-A	GLOBAL	Gravity	100

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**Table: Area Loads - Uniform**

Area	LoadPat	CoordSys	Dir	UnifLoad KN/m2
1671	_Q1k-B	GLOBAL	Gravity	150
1673	G2-PAVIM	GLOBAL	Gravity	3
1673	q1k-A	GLOBAL	Gravity	2,5
1673	q1k-B	GLOBAL	Gravity	9
1673	q1k-E	GLOBAL	Gravity	9
1673	_Q1k-A	GLOBAL	Gravity	134
1673	_Q1k-B	GLOBAL	Gravity	200
1707	G2-PAVIM	GLOBAL	Gravity	3
1707	q1k-A	GLOBAL	Gravity	2,5
1707	q1k-B	GLOBAL	Gravity	9
1707	q1k-E	GLOBAL	Gravity	9
1708	G2-PAVIM	GLOBAL	Gravity	3
1708	q1k-A	GLOBAL	Gravity	2,5
1708	q1k-B	GLOBAL	Gravity	9
1708	q1k-E	GLOBAL	Gravity	9
1708	_Q1k-A	GLOBAL	Gravity	100
1708	_Q1k-B	GLOBAL	Gravity	150
1709	G2-PAVIM	GLOBAL	Gravity	3
1709	q1k-A	GLOBAL	Gravity	2,5
1709	q1k-B	GLOBAL	Gravity	9
1709	q1k-E	GLOBAL	Gravity	9
1709	_Q1k-A	GLOBAL	Gravity	100
1709	_Q1k-B	GLOBAL	Gravity	150
1711	G2-PAVIM	GLOBAL	Gravity	3
1711	q1k-A	GLOBAL	Gravity	2,5
1711	q1k-B	GLOBAL	Gravity	9
1711	q1k-E	GLOBAL	Gravity	9
1711	_Q1k-A	GLOBAL	Gravity	134
1711	_Q1k-B	GLOBAL	Gravity	200
1745	G2-PAVIM	GLOBAL	Gravity	3
1745	q1k-A	GLOBAL	Gravity	2,5
1745	q1k-B	GLOBAL	Gravity	9
1745	q1k-E	GLOBAL	Gravity	9
1746	G2-PAVIM	GLOBAL	Gravity	3
1746	q1k-A	GLOBAL	Gravity	2,5
1746	q1k-B	GLOBAL	Gravity	9
1746	q1k-E	GLOBAL	Gravity	9
1746	_Q1k-A	GLOBAL	Gravity	100
1746	_Q1k-B	GLOBAL	Gravity	150
1747	G2-PAVIM	GLOBAL	Gravity	3
1747	q1k-A	GLOBAL	Gravity	2,5
1747	q1k-B	GLOBAL	Gravity	9
1747	q1k-E	GLOBAL	Gravity	9
1747	_Q1k-A	GLOBAL	Gravity	100
1747	_Q1k-B	GLOBAL	Gravity	150
1749	G2-PAVIM	GLOBAL	Gravity	3
1749	q1k-A	GLOBAL	Gravity	2,5
1749	q1k-B	GLOBAL	Gravity	9
1749	q1k-E	GLOBAL	Gravity	9
1749	_Q1k-A	GLOBAL	Gravity	134
1749	_Q1k-B	GLOBAL	Gravity	200
1783	G2-PAVIM	GLOBAL	Gravity	3
1783	q1k-A	GLOBAL	Gravity	2,5

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**Table: Area Loads - Uniform**

Area	LoadPat	CoordSys	Dir	UnifLoad KN/m2
1783	q1k-B	GLOBAL	Gravity	2,5
1783	q1k-E	GLOBAL	Gravity	9
1784	G2-PAVIM	GLOBAL	Gravity	3
1784	q1k-A	GLOBAL	Gravity	2,5
1784	q1k-B	GLOBAL	Gravity	2,5
1784	q1k-E	GLOBAL	Gravity	9
1784	_Q1k-E	GLOBAL	Gravity	150
1785	G2-PAVIM	GLOBAL	Gravity	3
1785	q1k-A	GLOBAL	Gravity	2,5
1785	q1k-B	GLOBAL	Gravity	2,5
1785	q1k-E	GLOBAL	Gravity	9
1785	_Q1k-E	GLOBAL	Gravity	150
1787	G2-PAVIM	GLOBAL	Gravity	3
1787	q1k-A	GLOBAL	Gravity	2,5
1787	q1k-B	GLOBAL	Gravity	2,5
1787	q1k-E	GLOBAL	Gravity	9
1787	_Q1k-E	GLOBAL	Gravity	200
1821	G2-PAVIM	GLOBAL	Gravity	3
1821	q1k-A	GLOBAL	Gravity	2,5
1821	q1k-B	GLOBAL	Gravity	2,5
1821	q1k-E	GLOBAL	Gravity	9
1822	G2-PAVIM	GLOBAL	Gravity	3
1822	q1k-A	GLOBAL	Gravity	2,5
1822	q1k-B	GLOBAL	Gravity	2,5
1822	q1k-E	GLOBAL	Gravity	9
1822	_Q1k-E	GLOBAL	Gravity	150
1823	G2-PAVIM	GLOBAL	Gravity	3
1823	q1k-A	GLOBAL	Gravity	2,5
1823	q1k-B	GLOBAL	Gravity	2,5
1823	q1k-E	GLOBAL	Gravity	9
1823	_Q1k-E	GLOBAL	Gravity	150
1825	G2-PAVIM	GLOBAL	Gravity	3
1825	q1k-A	GLOBAL	Gravity	2,5
1825	q1k-B	GLOBAL	Gravity	2,5
1825	q1k-E	GLOBAL	Gravity	9
1825	_Q1k-E	GLOBAL	Gravity	200
1859	G2-PAVIM	GLOBAL	Gravity	3
1859	q1k-A	GLOBAL	Gravity	2,5
1859	q1k-B	GLOBAL	Gravity	2,5
1859	q1k-E	GLOBAL	Gravity	9
1860	G2-PAVIM	GLOBAL	Gravity	3
1860	q1k-A	GLOBAL	Gravity	2,5
1860	q1k-B	GLOBAL	Gravity	2,5
1860	q1k-E	GLOBAL	Gravity	9
1860	_Q1k-E	GLOBAL	Gravity	150
1861	G2-PAVIM	GLOBAL	Gravity	3
1861	q1k-A	GLOBAL	Gravity	2,5
1861	q1k-B	GLOBAL	Gravity	2,5
1861	q1k-E	GLOBAL	Gravity	9
1861	_Q1k-E	GLOBAL	Gravity	150
1863	G2-PAVIM	GLOBAL	Gravity	3
1863	q1k-A	GLOBAL	Gravity	2,5
1863	q1k-B	GLOBAL	Gravity	2,5

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**Table: Area Loads - Uniform**

Area	LoadPat	CoordSys	Dir	UnifLoad KN/m2
1863	q1k-E	GLOBAL	Gravity	9
1863	_Q1k-E	GLOBAL	Gravity	200
1897	G2-PAVIM	GLOBAL	Gravity	3
1897	q1k-A	GLOBAL	Gravity	2,5
1897	q1k-B	GLOBAL	Gravity	2,5
1897	q1k-E	GLOBAL	Gravity	9
1898	G2-PAVIM	GLOBAL	Gravity	3
1898	q1k-A	GLOBAL	Gravity	2,5
1898	q1k-B	GLOBAL	Gravity	2,5
1898	q1k-E	GLOBAL	Gravity	9
1898	_Q1k-E	GLOBAL	Gravity	150
1899	G2-PAVIM	GLOBAL	Gravity	3
1899	q1k-A	GLOBAL	Gravity	2,5
1899	q1k-B	GLOBAL	Gravity	2,5
1899	q1k-E	GLOBAL	Gravity	9
1899	_Q1k-E	GLOBAL	Gravity	150
1901	G2-PAVIM	GLOBAL	Gravity	3
1901	q1k-A	GLOBAL	Gravity	2,5
1901	q1k-B	GLOBAL	Gravity	2,5
1901	q1k-E	GLOBAL	Gravity	9
1901	_Q1k-E	GLOBAL	Gravity	200
1935	G2-PAVIM	GLOBAL	Gravity	3
1935	q1k-A	GLOBAL	Gravity	2,5
1935	q1k-B	GLOBAL	Gravity	9
1935	q1k-E	GLOBAL	Gravity	9
1936	G2-PAVIM	GLOBAL	Gravity	3
1936	q1k-A	GLOBAL	Gravity	2,5
1936	q1k-B	GLOBAL	Gravity	9
1936	q1k-E	GLOBAL	Gravity	9
1936	_Q1k-A	GLOBAL	Gravity	100
1936	_Q1k-B	GLOBAL	Gravity	150
1937	G2-PAVIM	GLOBAL	Gravity	3
1937	q1k-A	GLOBAL	Gravity	2,5
1937	q1k-B	GLOBAL	Gravity	9
1937	q1k-E	GLOBAL	Gravity	9
1937	_Q1k-A	GLOBAL	Gravity	100
1937	_Q1k-B	GLOBAL	Gravity	150
1939	G2-PAVIM	GLOBAL	Gravity	3
1939	q1k-A	GLOBAL	Gravity	2,5
1939	q1k-B	GLOBAL	Gravity	9
1939	q1k-E	GLOBAL	Gravity	9
1939	_Q1k-A	GLOBAL	Gravity	134
1939	_Q1k-B	GLOBAL	Gravity	200
1973	G2-PAVIM	GLOBAL	Gravity	3
1973	q1k-A	GLOBAL	Gravity	2,5
1973	q1k-B	GLOBAL	Gravity	9
1973	q1k-E	GLOBAL	Gravity	9
1974	G2-PAVIM	GLOBAL	Gravity	3
1974	q1k-A	GLOBAL	Gravity	2,5
1974	q1k-B	GLOBAL	Gravity	9
1974	q1k-E	GLOBAL	Gravity	9
1974	_Q1k-A	GLOBAL	Gravity	100
1974	_Q1k-B	GLOBAL	Gravity	150

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**Table: Area Loads - Uniform**

Area	LoadPat	CoordSys	Dir	UnifLoad KN/m2
1975	G2-PAVIM	GLOBAL	Gravity	3
1975	q1k-A	GLOBAL	Gravity	2,5
1975	q1k-B	GLOBAL	Gravity	9
1975	q1k-E	GLOBAL	Gravity	9
1975	_Q1k-A	GLOBAL	Gravity	100
1975	_Q1k-B	GLOBAL	Gravity	150
1977	G2-PAVIM	GLOBAL	Gravity	3
1977	q1k-A	GLOBAL	Gravity	2,5
1977	q1k-B	GLOBAL	Gravity	9
1977	q1k-E	GLOBAL	Gravity	9
1977	_Q1k-A	GLOBAL	Gravity	134
1977	_Q1k-B	GLOBAL	Gravity	200
2011	G2-PAVIM	GLOBAL	Gravity	3
2011	q1k-A	GLOBAL	Gravity	2,5
2011	q1k-B	GLOBAL	Gravity	9
2011	q1k-E	GLOBAL	Gravity	9
2012	G2-PAVIM	GLOBAL	Gravity	3
2012	q1k-A	GLOBAL	Gravity	2,5
2012	q1k-B	GLOBAL	Gravity	9
2012	q1k-E	GLOBAL	Gravity	9
2012	_Q1k-A	GLOBAL	Gravity	100
2012	_Q1k-B	GLOBAL	Gravity	150
2013	G2-PAVIM	GLOBAL	Gravity	3
2013	q1k-A	GLOBAL	Gravity	2,5
2013	q1k-B	GLOBAL	Gravity	9
2013	q1k-E	GLOBAL	Gravity	9
2013	_Q1k-A	GLOBAL	Gravity	100
2013	_Q1k-B	GLOBAL	Gravity	150
2015	G2-PAVIM	GLOBAL	Gravity	3
2015	q1k-A	GLOBAL	Gravity	2,5
2015	q1k-B	GLOBAL	Gravity	9
2015	q1k-E	GLOBAL	Gravity	9
2015	_Q1k-A	GLOBAL	Gravity	134
2015	_Q1k-B	GLOBAL	Gravity	200
2049	G2-PAVIM	GLOBAL	Gravity	3
2049	q1k-A	GLOBAL	Gravity	2,5
2049	q1k-B	GLOBAL	Gravity	9
2049	q1k-E	GLOBAL	Gravity	9
2050	G2-PAVIM	GLOBAL	Gravity	3
2050	q1k-A	GLOBAL	Gravity	2,5
2050	q1k-B	GLOBAL	Gravity	9
2050	q1k-E	GLOBAL	Gravity	9
2050	_Q1k-E	GLOBAL	Gravity	150
2051	G2-PAVIM	GLOBAL	Gravity	3
2051	q1k-A	GLOBAL	Gravity	2,5
2051	q1k-B	GLOBAL	Gravity	9
2051	q1k-E	GLOBAL	Gravity	9
2051	_Q1k-E	GLOBAL	Gravity	150
2053	G2-PAVIM	GLOBAL	Gravity	3
2053	q1k-A	GLOBAL	Gravity	2,5
2053	q1k-B	GLOBAL	Gravity	9
2053	q1k-E	GLOBAL	Gravity	9
2053	_Q1k-E	GLOBAL	Gravity	200



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**Table: Area Loads - Uniform**

Area	LoadPat	CoordSys	Dir	UnifLoad KN/m2
2087	G2-PAVIM	GLOBAL	Gravity	3
2087	q1k-A	GLOBAL	Gravity	2,5
2087	q1k-B	GLOBAL	Gravity	9
2087	q1k-D	GLOBAL	Gravity	9
2087	q1k-E	GLOBAL	Gravity	9
2088	G2-PAVIM	GLOBAL	Gravity	3
2088	q1k-A	GLOBAL	Gravity	2,5
2088	q1k-B	GLOBAL	Gravity	9
2088	q1k-D	GLOBAL	Gravity	9
2088	q1k-E	GLOBAL	Gravity	9
2088	_Q1k-D	GLOBAL	Gravity	150
2088	_Q1k-E	GLOBAL	Gravity	150
2089	G2-PAVIM	GLOBAL	Gravity	3
2089	q1k-A	GLOBAL	Gravity	2,5
2089	q1k-B	GLOBAL	Gravity	9
2089	q1k-D	GLOBAL	Gravity	9
2089	q1k-E	GLOBAL	Gravity	9
2089	_Q1k-D	GLOBAL	Gravity	150
2089	_Q1k-E	GLOBAL	Gravity	150
2091	G2-PAVIM	GLOBAL	Gravity	3
2091	q1k-A	GLOBAL	Gravity	2,5
2091	q1k-B	GLOBAL	Gravity	9
2091	q1k-D	GLOBAL	Gravity	9
2091	q1k-E	GLOBAL	Gravity	9
2091	_Q1k-D	GLOBAL	Gravity	200
2091	_Q1k-E	GLOBAL	Gravity	200
2125	G2-PAVIM	GLOBAL	Gravity	3
2125	q1k-A	GLOBAL	Gravity	2,5
2125	q1k-B	GLOBAL	Gravity	9
2125	q1k-D	GLOBAL	Gravity	9
2125	q1k-E	GLOBAL	Gravity	2,5
2126	G2-PAVIM	GLOBAL	Gravity	3
2126	q1k-A	GLOBAL	Gravity	2,5
2126	q1k-B	GLOBAL	Gravity	9
2126	q1k-D	GLOBAL	Gravity	9
2126	q1k-E	GLOBAL	Gravity	2,5
2126	_Q1k-A	GLOBAL	Gravity	100
2126	_Q1k-B	GLOBAL	Gravity	150
2126	_Q1k-D	GLOBAL	Gravity	150
2126	_Q1k-E	GLOBAL	Gravity	100
2127	G2-PAVIM	GLOBAL	Gravity	3
2127	q1k-A	GLOBAL	Gravity	2,5
2127	q1k-B	GLOBAL	Gravity	9
2127	q1k-D	GLOBAL	Gravity	9
2127	q1k-E	GLOBAL	Gravity	2,5
2127	_Q1k-A	GLOBAL	Gravity	100
2127	_Q1k-B	GLOBAL	Gravity	150
2127	_Q1k-D	GLOBAL	Gravity	150
2127	_Q1k-E	GLOBAL	Gravity	100
2129	G2-PAVIM	GLOBAL	Gravity	3
2129	q1k-A	GLOBAL	Gravity	2,5
2129	q1k-B	GLOBAL	Gravity	9
2129	q1k-D	GLOBAL	Gravity	9

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**Table: Area Loads - Uniform**

Area	LoadPat	CoordSys	Dir	UnifLoad KN/m2
2129	q1k-E	GLOBAL	Gravity	2,5
2129	_Q1k-A	GLOBAL	Gravity	134
2129	_Q1k-B	GLOBAL	Gravity	200
2129	_Q1k-D	GLOBAL	Gravity	200
2129	_Q1k-E	GLOBAL	Gravity	134
2163	G2-PAVIM	GLOBAL	Gravity	3
2163	q1k-A	GLOBAL	Gravity	2,5
2163	q1k-B	GLOBAL	Gravity	9
2163	q1k-C	GLOBAL	Gravity	9
2163	q1k-D	GLOBAL	Gravity	9
2163	q1k-E	GLOBAL	Gravity	2,5
2164	G2-PAVIM	GLOBAL	Gravity	3
2164	q1k-A	GLOBAL	Gravity	2,5
2164	q1k-B	GLOBAL	Gravity	9
2164	q1k-C	GLOBAL	Gravity	9
2164	q1k-D	GLOBAL	Gravity	9
2164	q1k-E	GLOBAL	Gravity	2,5
2164	_Q1k-A	GLOBAL	Gravity	100
2164	_Q1k-B	GLOBAL	Gravity	150
2164	_Q1k-C	GLOBAL	Gravity	150
2164	_Q1k-E	GLOBAL	Gravity	100
2165	G2-PAVIM	GLOBAL	Gravity	3
2165	q1k-A	GLOBAL	Gravity	2,5
2165	q1k-B	GLOBAL	Gravity	9
2165	q1k-C	GLOBAL	Gravity	9
2165	q1k-D	GLOBAL	Gravity	9
2165	q1k-E	GLOBAL	Gravity	2,5
2165	_Q1k-A	GLOBAL	Gravity	100
2165	_Q1k-B	GLOBAL	Gravity	150
2165	_Q1k-C	GLOBAL	Gravity	150
2165	_Q1k-E	GLOBAL	Gravity	100
2167	G2-PAVIM	GLOBAL	Gravity	3
2167	q1k-A	GLOBAL	Gravity	2,5
2167	q1k-B	GLOBAL	Gravity	9
2167	q1k-C	GLOBAL	Gravity	9
2167	q1k-D	GLOBAL	Gravity	9
2167	q1k-E	GLOBAL	Gravity	2,5
2167	_Q1k-A	GLOBAL	Gravity	134
2167	_Q1k-B	GLOBAL	Gravity	200
2167	_Q1k-C	GLOBAL	Gravity	200
2167	_Q1k-E	GLOBAL	Gravity	134
2201	G2-PAVIM	GLOBAL	Gravity	3
2201	q1k-A	GLOBAL	Gravity	9
2201	q1k-B	GLOBAL	Gravity	2,5
2201	q1k-C	GLOBAL	Gravity	9
2201	q1k-D	GLOBAL	Gravity	9
2201	q1k-E	GLOBAL	Gravity	2,5
2202	G2-PAVIM	GLOBAL	Gravity	3
2202	q1k-A	GLOBAL	Gravity	9
2202	q1k-B	GLOBAL	Gravity	2,5
2202	q1k-C	GLOBAL	Gravity	9
2202	q1k-D	GLOBAL	Gravity	9
2202	q1k-E	GLOBAL	Gravity	2,5

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**Table: Area Loads - Uniform**

Area	LoadPat	CoordSys	Dir	UnifLoad KN/m2
2202	_Q1k-A	GLOBAL	Gravity	150
2202	_Q1k-B	GLOBAL	Gravity	100
2202	_Q1k-C	GLOBAL	Gravity	150
2203	G2-PAVIM	GLOBAL	Gravity	3
2203	q1k-A	GLOBAL	Gravity	9
2203	q1k-B	GLOBAL	Gravity	2,5
2203	q1k-C	GLOBAL	Gravity	9
2203	q1k-D	GLOBAL	Gravity	9
2203	q1k-E	GLOBAL	Gravity	2,5
2203	_Q1k-A	GLOBAL	Gravity	150
2203	_Q1k-B	GLOBAL	Gravity	100
2203	_Q1k-C	GLOBAL	Gravity	150
2205	G2-PAVIM	GLOBAL	Gravity	3
2205	q1k-A	GLOBAL	Gravity	9
2205	q1k-B	GLOBAL	Gravity	2,5
2205	q1k-C	GLOBAL	Gravity	9
2205	q1k-D	GLOBAL	Gravity	9
2205	q1k-E	GLOBAL	Gravity	2,5
2205	_Q1k-A	GLOBAL	Gravity	200
2205	_Q1k-B	GLOBAL	Gravity	134
2205	_Q1k-C	GLOBAL	Gravity	200
2239	G2-PAVIM	GLOBAL	Gravity	3
2239	q1k-A	GLOBAL	Gravity	9
2239	q1k-B	GLOBAL	Gravity	2,5
2239	q1k-C	GLOBAL	Gravity	9
2239	q1k-D	GLOBAL	Gravity	9
2239	q1k-E	GLOBAL	Gravity	2,5
2240	G2-PAVIM	GLOBAL	Gravity	3
2240	q1k-A	GLOBAL	Gravity	9
2240	q1k-B	GLOBAL	Gravity	2,5
2240	q1k-C	GLOBAL	Gravity	9
2240	q1k-D	GLOBAL	Gravity	9
2240	q1k-E	GLOBAL	Gravity	2,5
2240	_Q1k-A	GLOBAL	Gravity	150
2240	_Q1k-B	GLOBAL	Gravity	100
2240	_Q1k-D	GLOBAL	Gravity	150
2241	G2-PAVIM	GLOBAL	Gravity	3
2241	q1k-A	GLOBAL	Gravity	9
2241	q1k-B	GLOBAL	Gravity	2,5
2241	q1k-C	GLOBAL	Gravity	9
2241	q1k-D	GLOBAL	Gravity	9
2241	q1k-E	GLOBAL	Gravity	2,5
2241	_Q1k-A	GLOBAL	Gravity	150
2241	_Q1k-B	GLOBAL	Gravity	100
2241	_Q1k-D	GLOBAL	Gravity	150
2243	G2-PAVIM	GLOBAL	Gravity	3
2243	q1k-A	GLOBAL	Gravity	9
2243	q1k-B	GLOBAL	Gravity	2,5
2243	q1k-C	GLOBAL	Gravity	9
2243	q1k-D	GLOBAL	Gravity	9
2243	q1k-E	GLOBAL	Gravity	2,5
2243	_Q1k-A	GLOBAL	Gravity	200
2243	_Q1k-B	GLOBAL	Gravity	134

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**Table: Area Loads - Uniform**

Area	LoadPat	CoordSys	Dir	UnifLoad KN/m2
2243	_Q1k-D	GLOBAL	Gravity	200
2277	G2-PAVIM	GLOBAL	Gravity	3
2277	q1k-A	GLOBAL	Gravity	9
2277	q1k-B	GLOBAL	Gravity	2,5
2277	q1k-C	GLOBAL	Gravity	9
2277	q1k-D	GLOBAL	Gravity	9
2277	q1k-E	GLOBAL	Gravity	2,5
2278	G2-PAVIM	GLOBAL	Gravity	3
2278	q1k-A	GLOBAL	Gravity	9
2278	q1k-B	GLOBAL	Gravity	2,5
2278	q1k-C	GLOBAL	Gravity	9
2278	q1k-D	GLOBAL	Gravity	9
2278	q1k-E	GLOBAL	Gravity	2,5
2278	_Q1k-D	GLOBAL	Gravity	150
2278	_Q1k-E	GLOBAL	Gravity	100
2279	G2-PAVIM	GLOBAL	Gravity	3
2279	q1k-A	GLOBAL	Gravity	9
2279	q1k-B	GLOBAL	Gravity	2,5
2279	q1k-C	GLOBAL	Gravity	9
2279	q1k-D	GLOBAL	Gravity	9
2279	q1k-E	GLOBAL	Gravity	2,5
2279	_Q1k-D	GLOBAL	Gravity	150
2279	_Q1k-E	GLOBAL	Gravity	100
2281	G2-PAVIM	GLOBAL	Gravity	3
2281	q1k-A	GLOBAL	Gravity	9
2281	q1k-B	GLOBAL	Gravity	2,5
2281	q1k-C	GLOBAL	Gravity	9
2281	q1k-D	GLOBAL	Gravity	9
2281	q1k-E	GLOBAL	Gravity	2,5
2281	_Q1k-D	GLOBAL	Gravity	200
2281	_Q1k-E	GLOBAL	Gravity	134
2315	G2-PAVIM	GLOBAL	Gravity	3
2315	q1k-A	GLOBAL	Gravity	9
2315	q1k-B	GLOBAL	Gravity	2,5
2315	q1k-C	GLOBAL	Gravity	9
2315	q1k-E	GLOBAL	Gravity	2,5
2316	G2-PAVIM	GLOBAL	Gravity	3
2316	q1k-A	GLOBAL	Gravity	9
2316	q1k-B	GLOBAL	Gravity	2,5
2316	q1k-C	GLOBAL	Gravity	9
2316	q1k-E	GLOBAL	Gravity	2,5
2316	_Q1k-C	GLOBAL	Gravity	150
2316	_Q1k-E	GLOBAL	Gravity	100
2317	G2-PAVIM	GLOBAL	Gravity	3
2317	q1k-A	GLOBAL	Gravity	9
2317	q1k-B	GLOBAL	Gravity	2,5
2317	q1k-C	GLOBAL	Gravity	9
2317	q1k-E	GLOBAL	Gravity	2,5
2317	_Q1k-C	GLOBAL	Gravity	150
2317	_Q1k-E	GLOBAL	Gravity	100
2319	G2-PAVIM	GLOBAL	Gravity	3
2319	q1k-A	GLOBAL	Gravity	9
2319	q1k-B	GLOBAL	Gravity	2,5

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**Table: Area Loads - Uniform**

Area	LoadPat	CoordSys	Dir	UnifLoad KN/m2
2319	q1k-C	GLOBAL	Gravity	9
2319	q1k-E	GLOBAL	Gravity	2,5
2319	_Q1k-C	GLOBAL	Gravity	200
2319	_Q1k-E	GLOBAL	Gravity	134
2353	G2-PAVIM	GLOBAL	Gravity	3
2353	q1k-A	GLOBAL	Gravity	9
2353	q1k-B	GLOBAL	Gravity	2,5
2353	q1k-C	GLOBAL	Gravity	9
2353	q1k-E	GLOBAL	Gravity	2,5
2354	G2-PAVIM	GLOBAL	Gravity	3
2354	q1k-A	GLOBAL	Gravity	9
2354	q1k-B	GLOBAL	Gravity	2,5
2354	q1k-C	GLOBAL	Gravity	9
2354	q1k-E	GLOBAL	Gravity	2,5
2354	_Q1k-A	GLOBAL	Gravity	150
2354	_Q1k-B	GLOBAL	Gravity	100
2354	_Q1k-C	GLOBAL	Gravity	150
2355	G2-PAVIM	GLOBAL	Gravity	3
2355	q1k-A	GLOBAL	Gravity	9
2355	q1k-B	GLOBAL	Gravity	2,5
2355	q1k-C	GLOBAL	Gravity	9
2355	q1k-E	GLOBAL	Gravity	2,5
2355	_Q1k-A	GLOBAL	Gravity	150
2355	_Q1k-B	GLOBAL	Gravity	100
2355	_Q1k-C	GLOBAL	Gravity	150
2357	G2-PAVIM	GLOBAL	Gravity	3
2357	q1k-A	GLOBAL	Gravity	9
2357	q1k-B	GLOBAL	Gravity	2,5
2357	q1k-C	GLOBAL	Gravity	9
2357	q1k-E	GLOBAL	Gravity	2,5
2357	_Q1k-A	GLOBAL	Gravity	200
2357	_Q1k-B	GLOBAL	Gravity	134
2357	_Q1k-C	GLOBAL	Gravity	200
2391	G2-PAVIM	GLOBAL	Gravity	3
2391	q1k-A	GLOBAL	Gravity	9
2391	q1k-B	GLOBAL	Gravity	2,5
2391	q1k-C	GLOBAL	Gravity	9
2391	q1k-E	GLOBAL	Gravity	2,5
2392	G2-PAVIM	GLOBAL	Gravity	3
2392	q1k-A	GLOBAL	Gravity	9
2392	q1k-B	GLOBAL	Gravity	2,5
2392	q1k-C	GLOBAL	Gravity	9
2392	q1k-E	GLOBAL	Gravity	2,5
2392	_Q1k-A	GLOBAL	Gravity	150
2392	_Q1k-B	GLOBAL	Gravity	100
2392	_Q1k-C	GLOBAL	Gravity	150
2393	G2-PAVIM	GLOBAL	Gravity	3
2393	q1k-A	GLOBAL	Gravity	9
2393	q1k-B	GLOBAL	Gravity	2,5
2393	q1k-C	GLOBAL	Gravity	9
2393	q1k-E	GLOBAL	Gravity	2,5
2393	_Q1k-A	GLOBAL	Gravity	150
2393	_Q1k-B	GLOBAL	Gravity	100

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**Table: Area Loads - Uniform**

Area	LoadPat	CoordSys	Dir	UnifLoad KN/m2
2393	_Q1k-C	GLOBAL	Gravity	150
2395	G2-PAVIM	GLOBAL	Gravity	3
2395	q1k-A	GLOBAL	Gravity	9
2395	q1k-B	GLOBAL	Gravity	2,5
2395	q1k-C	GLOBAL	Gravity	9
2395	q1k-E	GLOBAL	Gravity	2,5
2395	_Q1k-A	GLOBAL	Gravity	200
2395	_Q1k-B	GLOBAL	Gravity	134
2395	_Q1k-C	GLOBAL	Gravity	200
2429	G2-PAVIM	GLOBAL	Gravity	3
2429	q1k-A	GLOBAL	Gravity	9
2429	q1k-B	GLOBAL	Gravity	2,5
2429	q1k-E	GLOBAL	Gravity	2,5
2430	G2-PAVIM	GLOBAL	Gravity	3
2430	q1k-A	GLOBAL	Gravity	9
2430	q1k-B	GLOBAL	Gravity	2,5
2430	q1k-E	GLOBAL	Gravity	2,5
2430	_Q1k-A	GLOBAL	Gravity	150
2430	_Q1k-B	GLOBAL	Gravity	100
2431	G2-PAVIM	GLOBAL	Gravity	3
2431	q1k-A	GLOBAL	Gravity	9
2431	q1k-B	GLOBAL	Gravity	2,5
2431	q1k-E	GLOBAL	Gravity	2,5
2431	_Q1k-A	GLOBAL	Gravity	150
2431	_Q1k-B	GLOBAL	Gravity	100
2433	G2-PAVIM	GLOBAL	Gravity	3
2433	q1k-A	GLOBAL	Gravity	9
2433	q1k-B	GLOBAL	Gravity	2,5
2433	q1k-E	GLOBAL	Gravity	2,5
2433	_Q1k-A	GLOBAL	Gravity	200
2433	_Q1k-B	GLOBAL	Gravity	134
7	Q5-FOLLA	GLOBAL	Gravity	5
8	Q5-FOLLA	GLOBAL	Gravity	5
9	Q5-FOLLA	GLOBAL	Gravity	5
10	Q5-FOLLA	GLOBAL	Gravity	5
15	Q5-FOLLA	GLOBAL	Gravity	5
16	Q5-FOLLA	GLOBAL	Gravity	5
17	Q5-FOLLA	GLOBAL	Gravity	5
21	Q5-FOLLA	GLOBAL	Gravity	5
24	G2-PAVIM	GLOBAL	Gravity	3
24	q1k-A	GLOBAL	Gravity	9
24	q1k-B	GLOBAL	Gravity	2,5
24	q1k-E	GLOBAL	Gravity	2,5
25	G2-PAVIM	GLOBAL	Gravity	3
25	q1k-A	GLOBAL	Gravity	9
25	q1k-B	GLOBAL	Gravity	2,5
25	q1k-E	GLOBAL	Gravity	2,5
25	_Q1k-A	GLOBAL	Gravity	200
25	_Q1k-B	GLOBAL	Gravity	134
26	G2-PAVIM	GLOBAL	Gravity	3
26	q1k-A	GLOBAL	Gravity	9
26	q1k-B	GLOBAL	Gravity	2,5
26	q1k-E	GLOBAL	Gravity	2,5

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**Table: Area Loads - Uniform**

Area	LoadPat	CoordSys	Dir	UnifLoad KN/m2
27	G2-PAVIM	GLOBAL	Gravity	3
27	q1k-A	GLOBAL	Gravity	9
27	q1k-B	GLOBAL	Gravity	2,5
27	q1k-E	GLOBAL	Gravity	2,5
27	_Q1k-A	GLOBAL	Gravity	200
27	_Q1k-B	GLOBAL	Gravity	134
28	G2-PAVIM	GLOBAL	Gravity	3
28	q1k-A	GLOBAL	Gravity	9
28	q1k-B	GLOBAL	Gravity	2,5
28	q1k-E	GLOBAL	Gravity	2,5
29	G2-PAVIM	GLOBAL	Gravity	3
29	q1k-A	GLOBAL	Gravity	9
29	q1k-B	GLOBAL	Gravity	2,5
29	q1k-E	GLOBAL	Gravity	2,5
29	_Q1k-A	GLOBAL	Gravity	200
29	_Q1k-B	GLOBAL	Gravity	134
30	G2-PAVIM	GLOBAL	Gravity	3
30	q1k-A	GLOBAL	Gravity	9
30	q1k-B	GLOBAL	Gravity	2,5
30	q1k-E	GLOBAL	Gravity	2,5
31	G2-PAVIM	GLOBAL	Gravity	3
31	q1k-A	GLOBAL	Gravity	9
31	q1k-B	GLOBAL	Gravity	2,5
31	q1k-E	GLOBAL	Gravity	2,5
31	_Q1k-E	GLOBAL	Gravity	134
32	G2-PAVIM	GLOBAL	Gravity	3
32	q1k-A	GLOBAL	Gravity	9
32	q1k-B	GLOBAL	Gravity	2,5
32	q1k-E	GLOBAL	Gravity	2,5
33	G2-PAVIM	GLOBAL	Gravity	3
33	q1k-A	GLOBAL	Gravity	9
33	q1k-B	GLOBAL	Gravity	2,5
33	q1k-E	GLOBAL	Gravity	2,5
33	_Q1k-E	GLOBAL	Gravity	134
34	G2-PAVIM	GLOBAL	Gravity	3
34	q1k-A	GLOBAL	Gravity	9
34	q1k-B	GLOBAL	Gravity	2,5
34	q1k-E	GLOBAL	Gravity	2,5
35	G2-PAVIM	GLOBAL	Gravity	3
35	q1k-A	GLOBAL	Gravity	9
35	q1k-B	GLOBAL	Gravity	2,5
35	q1k-E	GLOBAL	Gravity	2,5
35	_Q1k-A	GLOBAL	Gravity	200
35	_Q1k-B	GLOBAL	Gravity	134
36	G2-PAVIM	GLOBAL	Gravity	3
36	q1k-A	GLOBAL	Gravity	9
36	q1k-B	GLOBAL	Gravity	2,5
36	q1k-E	GLOBAL	Gravity	2,5
37	G2-PAVIM	GLOBAL	Gravity	3
37	q1k-A	GLOBAL	Gravity	9
37	q1k-B	GLOBAL	Gravity	2,5
37	q1k-E	GLOBAL	Gravity	2,5
37	_Q1k-A	GLOBAL	Gravity	200

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**Table: Area Loads - Uniform**

Area	LoadPat	CoordSys	Dir	UnifLoad KN/m2
37	_Q1k-B	GLOBAL	Gravity	134
38	G2-PAVIM	GLOBAL	Gravity	3
38	q1k-A	GLOBAL	Gravity	2,5
38	q1k-B	GLOBAL	Gravity	9
38	q1k-E	GLOBAL	Gravity	2,5
39	G2-PAVIM	GLOBAL	Gravity	3
39	q1k-A	GLOBAL	Gravity	2,5
39	q1k-B	GLOBAL	Gravity	9
39	q1k-E	GLOBAL	Gravity	2,5
39	_Q1k-A	GLOBAL	Gravity	134
39	_Q1k-B	GLOBAL	Gravity	200
39	_Q1k-E	GLOBAL	Gravity	134
40	G2-PAVIM	GLOBAL	Gravity	3
40	q1k-A	GLOBAL	Gravity	2,5
40	q1k-B	GLOBAL	Gravity	9
40	q1k-E	GLOBAL	Gravity	2,5
41	G2-PAVIM	GLOBAL	Gravity	3
41	q1k-A	GLOBAL	Gravity	2,5
41	q1k-B	GLOBAL	Gravity	9
41	q1k-E	GLOBAL	Gravity	2,5
41	_Q1k-A	GLOBAL	Gravity	134
41	_Q1k-B	GLOBAL	Gravity	200
41	_Q1k-E	GLOBAL	Gravity	134
42	G2-PAVIM	GLOBAL	Gravity	3
42	q1k-A	GLOBAL	Gravity	2,5
42	q1k-B	GLOBAL	Gravity	9
42	q1k-E	GLOBAL	Gravity	9
43	G2-PAVIM	GLOBAL	Gravity	3
43	q1k-A	GLOBAL	Gravity	2,5
43	q1k-B	GLOBAL	Gravity	9
43	q1k-E	GLOBAL	Gravity	9
43	_Q1k-E	GLOBAL	Gravity	200
47	G2-PAVIM	GLOBAL	Gravity	3
47	q1k-A	GLOBAL	Gravity	2,5
47	q1k-B	GLOBAL	Gravity	9
47	q1k-E	GLOBAL	Gravity	9
48	G2-PAVIM	GLOBAL	Gravity	3
48	q1k-A	GLOBAL	Gravity	2,5
48	q1k-B	GLOBAL	Gravity	9
48	q1k-E	GLOBAL	Gravity	9
48	_Q1k-E	GLOBAL	Gravity	200
49	G2-PAVIM	GLOBAL	Gravity	3
49	q1k-A	GLOBAL	Gravity	2,5
49	q1k-B	GLOBAL	Gravity	9
49	q1k-E	GLOBAL	Gravity	9
50	G2-PAVIM	GLOBAL	Gravity	3
50	q1k-A	GLOBAL	Gravity	2,5
50	q1k-B	GLOBAL	Gravity	9
50	q1k-E	GLOBAL	Gravity	9
50	_Q1k-A	GLOBAL	Gravity	134
50	_Q1k-B	GLOBAL	Gravity	200
51	G2-PAVIM	GLOBAL	Gravity	3
51	q1k-A	GLOBAL	Gravity	2,5



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**Table: Area Loads - Uniform**

Area	LoadPat	CoordSys	Dir	UnifLoad KN/m2
51	q1k-B	GLOBAL	Gravity	9
51	q1k-E	GLOBAL	Gravity	9
52	G2-PAVIM	GLOBAL	Gravity	3
52	q1k-A	GLOBAL	Gravity	2,5
52	q1k-B	GLOBAL	Gravity	9
52	q1k-E	GLOBAL	Gravity	9
52	_Q1k-A	GLOBAL	Gravity	134
52	_Q1k-B	GLOBAL	Gravity	200
53	G2-PAVIM	GLOBAL	Gravity	3
53	q1k-A	GLOBAL	Gravity	2,5
53	q1k-B	GLOBAL	Gravity	9
53	q1k-E	GLOBAL	Gravity	9
54	G2-PAVIM	GLOBAL	Gravity	3
54	q1k-A	GLOBAL	Gravity	2,5
54	q1k-B	GLOBAL	Gravity	9
54	q1k-E	GLOBAL	Gravity	9
54	_Q1k-A	GLOBAL	Gravity	134
54	_Q1k-B	GLOBAL	Gravity	200
55	G2-PAVIM	GLOBAL	Gravity	3
55	q1k-A	GLOBAL	Gravity	2,5
55	q1k-B	GLOBAL	Gravity	2,5
55	q1k-E	GLOBAL	Gravity	9
56	G2-PAVIM	GLOBAL	Gravity	3
56	q1k-A	GLOBAL	Gravity	2,5
56	q1k-B	GLOBAL	Gravity	2,5
56	q1k-E	GLOBAL	Gravity	9
56	_Q1k-E	GLOBAL	Gravity	200
57	G2-PAVIM	GLOBAL	Gravity	3
57	q1k-A	GLOBAL	Gravity	2,5
57	q1k-B	GLOBAL	Gravity	2,5
57	q1k-E	GLOBAL	Gravity	9
58	G2-PAVIM	GLOBAL	Gravity	3
58	q1k-A	GLOBAL	Gravity	2,5
58	q1k-B	GLOBAL	Gravity	2,5
58	q1k-E	GLOBAL	Gravity	9
58	_Q1k-E	GLOBAL	Gravity	200
59	G2-PAVIM	GLOBAL	Gravity	3
59	q1k-A	GLOBAL	Gravity	2,5
59	q1k-B	GLOBAL	Gravity	2,5
59	q1k-E	GLOBAL	Gravity	9
60	G2-PAVIM	GLOBAL	Gravity	3
60	q1k-A	GLOBAL	Gravity	2,5
60	q1k-B	GLOBAL	Gravity	2,5
60	q1k-E	GLOBAL	Gravity	9
60	_Q1k-E	GLOBAL	Gravity	200
61	G2-PAVIM	GLOBAL	Gravity	3
61	q1k-A	GLOBAL	Gravity	2,5
61	q1k-B	GLOBAL	Gravity	2,5
61	q1k-E	GLOBAL	Gravity	9
62	G2-PAVIM	GLOBAL	Gravity	3
62	q1k-A	GLOBAL	Gravity	2,5
62	q1k-B	GLOBAL	Gravity	2,5
62	q1k-E	GLOBAL	Gravity	9

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**Table: Area Loads - Uniform**

Area	LoadPat	CoordSys	Dir	UnifLoad KN/m2
62	_Q1k-E	GLOBAL	Gravity	200
63	G2-PAVIM	GLOBAL	Gravity	3
63	q1k-A	GLOBAL	Gravity	2,5
63	q1k-B	GLOBAL	Gravity	9
63	q1k-E	GLOBAL	Gravity	9
64	G2-PAVIM	GLOBAL	Gravity	3
64	q1k-A	GLOBAL	Gravity	2,5
64	q1k-B	GLOBAL	Gravity	9
64	q1k-E	GLOBAL	Gravity	9
64	_Q1k-A	GLOBAL	Gravity	134
64	_Q1k-B	GLOBAL	Gravity	200
65	G2-PAVIM	GLOBAL	Gravity	3
65	q1k-A	GLOBAL	Gravity	2,5
65	q1k-B	GLOBAL	Gravity	9
65	q1k-E	GLOBAL	Gravity	9
66	G2-PAVIM	GLOBAL	Gravity	3
66	q1k-A	GLOBAL	Gravity	2,5
66	q1k-B	GLOBAL	Gravity	9
66	q1k-E	GLOBAL	Gravity	9
66	_Q1k-A	GLOBAL	Gravity	134
66	_Q1k-B	GLOBAL	Gravity	200
67	G2-PAVIM	GLOBAL	Gravity	3
67	q1k-A	GLOBAL	Gravity	2,5
67	q1k-B	GLOBAL	Gravity	9
67	q1k-E	GLOBAL	Gravity	9
68	G2-PAVIM	GLOBAL	Gravity	3
68	q1k-A	GLOBAL	Gravity	2,5
68	q1k-B	GLOBAL	Gravity	9
68	q1k-E	GLOBAL	Gravity	9
68	_Q1k-A	GLOBAL	Gravity	134
68	_Q1k-B	GLOBAL	Gravity	200
69	G2-PAVIM	GLOBAL	Gravity	3
69	q1k-A	GLOBAL	Gravity	2,5
69	q1k-B	GLOBAL	Gravity	9
69	q1k-E	GLOBAL	Gravity	9
73	G2-PAVIM	GLOBAL	Gravity	3
73	q1k-A	GLOBAL	Gravity	2,5
73	q1k-B	GLOBAL	Gravity	9
73	q1k-E	GLOBAL	Gravity	9
73	_Q1k-E	GLOBAL	Gravity	200
74	G2-PAVIM	GLOBAL	Gravity	3
74	q1k-A	GLOBAL	Gravity	2,5
74	q1k-B	GLOBAL	Gravity	9
74	q1k-D	GLOBAL	Gravity	9
74	q1k-E	GLOBAL	Gravity	9
75	G2-PAVIM	GLOBAL	Gravity	3
75	q1k-A	GLOBAL	Gravity	2,5
75	q1k-B	GLOBAL	Gravity	9
75	q1k-D	GLOBAL	Gravity	9
75	q1k-E	GLOBAL	Gravity	9
75	_Q1k-D	GLOBAL	Gravity	200
75	_Q1k-E	GLOBAL	Gravity	200
76	G2-PAVIM	GLOBAL	Gravity	3

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**Table: Area Loads - Uniform**

Area	LoadPat	CoordSys	Dir	UnifLoad KN/m2
76	q1k-A	GLOBAL	Gravity	2,5
76	q1k-B	GLOBAL	Gravity	9
76	q1k-D	GLOBAL	Gravity	9
76	q1k-E	GLOBAL	Gravity	2,5
77	G2-PAVIM	GLOBAL	Gravity	3
77	q1k-A	GLOBAL	Gravity	2,5
77	q1k-B	GLOBAL	Gravity	9
77	q1k-D	GLOBAL	Gravity	9
77	q1k-E	GLOBAL	Gravity	2,5
77	_Q1k-A	GLOBAL	Gravity	134
77	_Q1k-B	GLOBAL	Gravity	200
77	_Q1k-D	GLOBAL	Gravity	200
77	_Q1k-E	GLOBAL	Gravity	134
78	G2-PAVIM	GLOBAL	Gravity	3
78	q1k-A	GLOBAL	Gravity	2,5
78	q1k-B	GLOBAL	Gravity	9
78	q1k-C	GLOBAL	Gravity	9
78	q1k-D	GLOBAL	Gravity	9
78	q1k-E	GLOBAL	Gravity	2,5
79	G2-PAVIM	GLOBAL	Gravity	3
79	q1k-A	GLOBAL	Gravity	2,5
79	q1k-B	GLOBAL	Gravity	9
79	q1k-C	GLOBAL	Gravity	9
79	q1k-D	GLOBAL	Gravity	9
79	q1k-E	GLOBAL	Gravity	2,5
79	_Q1k-A	GLOBAL	Gravity	134
79	_Q1k-B	GLOBAL	Gravity	200
79	_Q1k-C	GLOBAL	Gravity	200
79	_Q1k-E	GLOBAL	Gravity	134
80	G2-PAVIM	GLOBAL	Gravity	3
80	q1k-A	GLOBAL	Gravity	9
80	q1k-B	GLOBAL	Gravity	2,5
80	q1k-C	GLOBAL	Gravity	9
80	q1k-D	GLOBAL	Gravity	9
80	q1k-E	GLOBAL	Gravity	2,5
81	G2-PAVIM	GLOBAL	Gravity	3
81	q1k-A	GLOBAL	Gravity	9
81	q1k-B	GLOBAL	Gravity	2,5
81	q1k-C	GLOBAL	Gravity	9
81	q1k-D	GLOBAL	Gravity	9
81	q1k-E	GLOBAL	Gravity	2,5
81	_Q1k-A	GLOBAL	Gravity	200
81	_Q1k-B	GLOBAL	Gravity	134
81	_Q1k-C	GLOBAL	Gravity	200
82	G2-PAVIM	GLOBAL	Gravity	3
82	q1k-A	GLOBAL	Gravity	9
82	q1k-B	GLOBAL	Gravity	2,5
82	q1k-C	GLOBAL	Gravity	9
82	q1k-D	GLOBAL	Gravity	9
82	q1k-E	GLOBAL	Gravity	2,5
83	G2-PAVIM	GLOBAL	Gravity	3
83	q1k-A	GLOBAL	Gravity	9
83	q1k-B	GLOBAL	Gravity	2,5

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**Table: Area Loads - Uniform**

Area	LoadPat	CoordSys	Dir	UnifLoad KN/m2
83	q1k-C	GLOBAL	Gravity	9
83	q1k-D	GLOBAL	Gravity	9
83	q1k-E	GLOBAL	Gravity	2,5
83	_Q1k-A	GLOBAL	Gravity	200
83	_Q1k-B	GLOBAL	Gravity	134
83	_Q1k-D	GLOBAL	Gravity	200
84	G2-PAVIM	GLOBAL	Gravity	3
84	q1k-A	GLOBAL	Gravity	9
84	q1k-B	GLOBAL	Gravity	2,5
84	q1k-C	GLOBAL	Gravity	9
84	q1k-D	GLOBAL	Gravity	9
84	q1k-E	GLOBAL	Gravity	2,5
85	G2-PAVIM	GLOBAL	Gravity	3
85	q1k-A	GLOBAL	Gravity	9
85	q1k-B	GLOBAL	Gravity	2,5
85	q1k-C	GLOBAL	Gravity	9
85	q1k-D	GLOBAL	Gravity	9
85	q1k-E	GLOBAL	Gravity	2,5
85	_Q1k-D	GLOBAL	Gravity	200
85	_Q1k-E	GLOBAL	Gravity	134
86	G2-PAVIM	GLOBAL	Gravity	3
86	q1k-A	GLOBAL	Gravity	9
86	q1k-B	GLOBAL	Gravity	2,5
86	q1k-C	GLOBAL	Gravity	9
86	q1k-E	GLOBAL	Gravity	2,5
87	G2-PAVIM	GLOBAL	Gravity	3
87	q1k-A	GLOBAL	Gravity	9
87	q1k-B	GLOBAL	Gravity	2,5
87	q1k-C	GLOBAL	Gravity	9
87	q1k-E	GLOBAL	Gravity	2,5
87	_Q1k-C	GLOBAL	Gravity	200
87	_Q1k-E	GLOBAL	Gravity	134
88	G2-PAVIM	GLOBAL	Gravity	3
88	q1k-A	GLOBAL	Gravity	9
88	q1k-B	GLOBAL	Gravity	2,5
88	q1k-C	GLOBAL	Gravity	9
88	q1k-E	GLOBAL	Gravity	2,5
89	G2-PAVIM	GLOBAL	Gravity	3
89	q1k-A	GLOBAL	Gravity	9
89	q1k-B	GLOBAL	Gravity	2,5
89	q1k-C	GLOBAL	Gravity	9
89	q1k-E	GLOBAL	Gravity	2,5
89	_Q1k-A	GLOBAL	Gravity	200
89	_Q1k-B	GLOBAL	Gravity	134
89	_Q1k-C	GLOBAL	Gravity	200
90	G2-PAVIM	GLOBAL	Gravity	3
90	q1k-A	GLOBAL	Gravity	9
90	q1k-B	GLOBAL	Gravity	2,5
90	q1k-C	GLOBAL	Gravity	9
90	q1k-E	GLOBAL	Gravity	2,5
91	G2-PAVIM	GLOBAL	Gravity	3
91	q1k-A	GLOBAL	Gravity	9
91	q1k-B	GLOBAL	Gravity	2,5

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**Table: Area Loads - Uniform**

Area	LoadPat	CoordSys	Dir	UnifLoad KN/m2
91	q1k-C	GLOBAL	Gravity	9
91	q1k-E	GLOBAL	Gravity	2,5
91	_Q1k-A	GLOBAL	Gravity	200
91	_Q1k-B	GLOBAL	Gravity	134
91	_Q1k-C	GLOBAL	Gravity	200
92	G2-PAVIM	GLOBAL	Gravity	3
92	q1k-A	GLOBAL	Gravity	9
92	q1k-B	GLOBAL	Gravity	2,5
92	q1k-E	GLOBAL	Gravity	2,5
93	G2-PAVIM	GLOBAL	Gravity	3
93	q1k-A	GLOBAL	Gravity	9
93	q1k-B	GLOBAL	Gravity	2,5
93	q1k-E	GLOBAL	Gravity	2,5
93	_Q1k-A	GLOBAL	Gravity	200
93	_Q1k-B	GLOBAL	Gravity	134

**Table: Area Section Assignments**

**Table: Area Section Assignments**

Area	Section	MatProp
5	MARCIAPIEDI	Default
6	MARCIAPIEDI	Default
7	MARCIAPIEDI	Default
8	MARCIAPIEDI	Default
9	MARCIAPIEDI	Default
10	MARCIAPIEDI	Default
11	MARCIAPIEDI	Default
12	MARCIAPIEDI	Default
13	MARCIAPIEDI	Default
14	MARCIAPIEDI	Default
15	MARCIAPIEDI	Default
16	MARCIAPIEDI	Default
17	MARCIAPIEDI	Default
21	MARCIAPIEDI	Default
22	MARCIAPIEDI	Default
23	MARCIAPIEDI	Default
24	SOLETTA	Default
25	SOLETTA	Default
26	SOLETTA	Default
27	SOLETTA	Default
28	SOLETTA	Default
29	SOLETTA	Default
30	SOLETTA	Default
31	SOLETTA	Default
32	SOLETTA	Default
33	SOLETTA	Default
34	SOLETTA	Default
35	SOLETTA	Default
36	SOLETTA	Default
37	SOLETTA	Default
38	SOLETTA	Default

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**Table: Area Section Assignments**

Area	Section	MatProp
39	SOLETTA	Default
40	SOLETTA	Default
41	SOLETTA	Default
42	SOLETTA	Default
43	SOLETTA	Default
47	SOLETTA	Default
48	SOLETTA	Default
49	SOLETTA	Default
50	SOLETTA	Default
51	SOLETTA	Default
52	SOLETTA	Default
53	SOLETTA	Default
54	SOLETTA	Default
55	SOLETTA	Default
56	SOLETTA	Default
57	SOLETTA	Default
58	SOLETTA	Default
59	SOLETTA	Default
60	SOLETTA	Default
61	SOLETTA	Default
62	SOLETTA	Default
63	SOLETTA	Default
64	SOLETTA	Default
65	SOLETTA	Default
66	SOLETTA	Default
67	SOLETTA	Default
68	SOLETTA	Default
69	SOLETTA	Default
73	SOLETTA	Default
74	SOLETTA	Default
75	SOLETTA	Default
76	SOLETTA	Default
77	SOLETTA	Default
78	SOLETTA	Default
79	SOLETTA	Default
80	SOLETTA	Default
81	SOLETTA	Default
82	SOLETTA	Default
83	SOLETTA	Default
84	SOLETTA	Default
85	SOLETTA	Default
86	SOLETTA	Default
87	SOLETTA	Default
88	SOLETTA	Default
89	SOLETTA	Default
90	SOLETTA	Default
91	SOLETTA	Default
92	SOLETTA	Default
93	SOLETTA	Default
94	MARCIAPIEDI	Default
95	MARCIAPIEDI	Default
99	MARCIAPIEDI	Default
100	MARCIAPIEDI	Default

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**Table: Area Section Assignments**

Area	Section	MatProp
305	MARCIAPIEDI	Default
306	MARCIAPIEDI	Default
330	MARCIAPIEDI	Default
332	MARCIAPIEDI	Default
435	MARCIAPIEDI	Default
436	MARCIAPIEDI	Default
447	MARCIAPIEDI	Default
449	MARCIAPIEDI	Default
565	MARCIAPIEDI	Default
566	MARCIAPIEDI	Default
590	MARCIAPIEDI	Default
592	MARCIAPIEDI	Default
1023	MARCIAPIEDI	Default
1024	MARCIAPIEDI	Default
1025	MARCIAPIEDI	Default
1027	MARCIAPIEDI	Default
1099	MARCIAPIEDI	Default
1100	MARCIAPIEDI	Default
1101	MARCIAPIEDI	Default
1103	MARCIAPIEDI	Default
1137	MARCIAPIEDI	Default
1138	MARCIAPIEDI	Default
1139	MARCIAPIEDI	Default
1141	MARCIAPIEDI	Default
1175	MARCIAPIEDI	Default
1176	MARCIAPIEDI	Default
1177	MARCIAPIEDI	Default
1179	MARCIAPIEDI	Default
1213	MARCIAPIEDI	Default
1214	MARCIAPIEDI	Default
1215	MARCIAPIEDI	Default
1217	MARCIAPIEDI	Default
1251	SOLETTA	Default
1252	SOLETTA	Default
1253	SOLETTA	Default
1255	SOLETTA	Default
1289	SOLETTA	Default
1290	SOLETTA	Default
1291	SOLETTA	Default
1293	SOLETTA	Default
1327	SOLETTA	Default
1328	SOLETTA	Default
1329	SOLETTA	Default
1331	SOLETTA	Default
1365	SOLETTA	Default
1366	SOLETTA	Default
1367	SOLETTA	Default
1369	SOLETTA	Default
1403	SOLETTA	Default
1404	SOLETTA	Default
1405	SOLETTA	Default
1407	SOLETTA	Default
1441	SOLETTA	Default

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**Table: Area Section Assignments**

Area	Section	MatProp
1442	SOLETTA	Default
1443	SOLETTA	Default
1445	SOLETTA	Default
1479	SOLETTA	Default
1480	SOLETTA	Default
1481	SOLETTA	Default
1483	SOLETTA	Default
1517	SOLETTA	Default
1518	SOLETTA	Default
1519	SOLETTA	Default
1521	SOLETTA	Default
1555	SOLETTA	Default
1556	SOLETTA	Default
1557	SOLETTA	Default
1559	SOLETTA	Default
1593	SOLETTA	Default
1594	SOLETTA	Default
1595	SOLETTA	Default
1597	SOLETTA	Default
1631	SOLETTA	Default
1632	SOLETTA	Default
1633	SOLETTA	Default
1635	SOLETTA	Default
1669	SOLETTA	Default
1670	SOLETTA	Default
1671	SOLETTA	Default
1673	SOLETTA	Default
1707	SOLETTA	Default
1708	SOLETTA	Default
1709	SOLETTA	Default
1711	SOLETTA	Default
1745	SOLETTA	Default
1746	SOLETTA	Default
1747	SOLETTA	Default
1749	SOLETTA	Default
1783	SOLETTA	Default
1784	SOLETTA	Default
1785	SOLETTA	Default
1787	SOLETTA	Default
1821	SOLETTA	Default
1822	SOLETTA	Default
1823	SOLETTA	Default
1825	SOLETTA	Default
1859	SOLETTA	Default
1860	SOLETTA	Default
1861	SOLETTA	Default
1863	SOLETTA	Default
1897	SOLETTA	Default
1898	SOLETTA	Default
1899	SOLETTA	Default
1901	SOLETTA	Default
1935	SOLETTA	Default
1936	SOLETTA	Default



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**Table: Area Section Assignments**

Area	Section	MatProp
1937	SOLETTA	Default
1939	SOLETTA	Default
1973	SOLETTA	Default
1974	SOLETTA	Default
1975	SOLETTA	Default
1977	SOLETTA	Default
2011	SOLETTA	Default
2012	SOLETTA	Default
2013	SOLETTA	Default
2015	SOLETTA	Default
2049	SOLETTA	Default
2050	SOLETTA	Default
2051	SOLETTA	Default
2053	SOLETTA	Default
2087	SOLETTA	Default
2088	SOLETTA	Default
2089	SOLETTA	Default
2091	SOLETTA	Default
2125	SOLETTA	Default
2126	SOLETTA	Default
2127	SOLETTA	Default
2129	SOLETTA	Default
2163	SOLETTA	Default
2164	SOLETTA	Default
2165	SOLETTA	Default
2167	SOLETTA	Default
2201	SOLETTA	Default
2202	SOLETTA	Default
2203	SOLETTA	Default
2205	SOLETTA	Default
2239	SOLETTA	Default
2240	SOLETTA	Default
2241	SOLETTA	Default
2243	SOLETTA	Default
2277	SOLETTA	Default
2278	SOLETTA	Default
2279	SOLETTA	Default
2281	SOLETTA	Default
2315	SOLETTA	Default
2316	SOLETTA	Default
2317	SOLETTA	Default
2319	SOLETTA	Default
2353	SOLETTA	Default
2354	SOLETTA	Default
2355	SOLETTA	Default
2357	SOLETTA	Default
2391	SOLETTA	Default
2392	SOLETTA	Default
2393	SOLETTA	Default
2395	SOLETTA	Default
2429	SOLETTA	Default
2430	SOLETTA	Default
2431	SOLETTA	Default

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**Table: Area Section Assignments**

Area	Section	MatProp
2433	SOLETTA	Default
2680	MARCIAPIEDI	Default
2681	MARCIAPIEDI	Default
2682	MARCIAPIEDI	Default
2683	MARCIAPIEDI	Default
2684	MARCIAPIEDI	Default
2685	MARCIAPIEDI	Default
2688	MARCIAPIEDI	Default
2689	MARCIAPIEDI	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
MARCIA-PIEDI	C32/40	0	Shell	Shell-Thin	Yes	0,45	0,45	
SOLETTA	C32/40	0	Shell	Shell-Thin	Yes	0,31	0,31	

**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
MARCIA-PIEDI			Magenta	982,921	100,23	1	1
SOLETTA			Green	2119,774	216,16	1	1

**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
MARCIA-PIEDI	1	1	1	1	1	1	1	1
SOLETTA	1	1	1	1	1	1	1	1

**Table: Area Section Properties, Part 4 of 4**

**Table: Area Section Properties, Part 4 of 4**

Section	GUID	Notes
MARCIA-PIEDI		Added 21/03/2017 17.19.17
SOLETTA		

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**Table: Case - Static 1 - Load Assignments**

Table: Case - Static 1 - Load Assignments			
Case	LoadType	LoadName	LoadSF
G1	Load pattern	G1	1
G2-PAVIM	Load pattern	G2-PAVIM	1
Q5-FOLLA	Load pattern	Q5-FOLLA	1
G2-GUARDRAIL	Load pattern	G2-GUARDRAIL	1
G2-RETE	Load pattern	G2-RETE	1
_Q1k-A	Load pattern	_Q1k-A	1
_Q1k-B	Load pattern	_Q1k-B	1
_Q1k-C	Load pattern	_Q1k-C	1
_Q1k-D	Load pattern	_Q1k-D	1
_Q1k-E	Load pattern	_Q1k-E	1
q1k-A	Load pattern	q1k-A	1
q1k-B	Load pattern	q1k-B	1
q1k-C	Load pattern	q1k-C	1
q1k-D	Load pattern	q1k-D	1
q1k-E	Load pattern	q1k-E	1

**Table: Combination Definitions, Part 1 of 3**

Table: Combination Definitions, Part 1 of 3						
ComboName	ComboType	AutoDesign	CaseType	CaseName	ScaleFactor	SteelDesign
SLU-A	Linear Add	No	Linear Static	G1	1,35	None
SLU-A			Linear Static	G2-RETE	1,5	
SLU-A			Linear Static	G2-GUARDRAIL	1,5	
SLU-A			Linear Static	G2-PAVIM	1,5	
SLU-A			Linear Static	q1k-A	1,35	
SLU-A			Linear Static	_Q1k-A	1,35	
SLU-A			Linear Static	Q5-FOLLA	0,675	
SLE-A	Linear Add	No	Linear Static	G1	1	None
SLE-A			Linear Static	G2-RETE	1	
SLE-A			Linear Static	G2-GUARDRAIL	1	
SLE-A			Linear Static	G2-PAVIM	1	
SLE-A			Linear Static	q1k-A	0,4	
SLE-A			Linear Static	_Q1k-A	0,75	
SLE-A			Linear Static	Q5-FOLLA	0	
SLU-B	Linear Add	No	Linear Static	G1	1,35	None
SLU-B			Linear Static	G2-RETE	1,5	
SLU-B			Linear Static	G2-GUARDRAIL	1,5	
SLU-B			Linear Static	G2-PAVIM	1,5	
SLU-B			Linear Static	q1k-B	1,35	
SLU-B			Linear Static	_Q1k-B	1,35	
SLU-B			Linear Static	Q5-FOLLA	0,675	
SLU-C	Linear Add	No	Linear Static	G1	1,35	None
SLU-C			Linear Static	G2-RETE	1,5	
SLU-C			Linear Static	G2-GUARDRAIL	1,5	
SLU-C			Linear Static	G2-PAVIM	1,5	
SLU-C			Linear Static	q1k-C	1,35	
SLU-C			Linear Static	_Q1k-C	1,35	
SLU-C			Linear Static	Q5-FOLLA	0,675	
SLE-B	Linear Add	No	Linear Static	G1	1	None

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**Table: Combination Definitions, Part 1 of 3**

ComboName	ComboType	AutoDesign	CaseType	CaseName	ScaleFactor	SteelDesign
SLE-B			Linear Static	G2-RETE	1	
SLE-B			Linear Static	G2-GUARDRAIL	1	
SLE-B			Linear Static	G2-PAVIM	1	
SLE-B			Linear Static	q1k-B	0,4	
SLE-B			Linear Static	_Q1k-B	0,75	
SLE-B			Linear Static	Q5-FOLLA	0	
SLE-C	Linear Add	No	Linear Static	G1	1	None
SLE-C			Linear Static	G2-RETE	1	
SLE-C			Linear Static	G2-GUARDRAIL	1	
SLE-C			Linear Static	G2-PAVIM	1	
SLE-C			Linear Static	q1k-C	0,4	
SLE-C			Linear Static	_Q1k-C	0,75	
SLE-C			Linear Static	Q5-FOLLA	0	
SLU-D	Linear Add	No	Linear Static	G1	1,35	None
SLU-D			Linear Static	G2-RETE	1,5	
SLU-D			Linear Static	G2-GUARDRAIL	1,5	
SLU-D			Linear Static	G2-PAVIM	1,5	
SLU-D			Linear Static	q1k-D	1,35	
SLU-D			Linear Static	_Q1k-D	1,35	
SLU-E	Linear Add	No	Linear Static	G1	1,35	None
SLU-E			Linear Static	G2-RETE	1,5	
SLU-E			Linear Static	G2-GUARDRAIL	1,5	
SLU-E			Linear Static	G2-PAVIM	1,5	
SLU-E			Linear Static	q1k-E	1,35	
SLU-E			Linear Static	_Q1k-E	1,35	
SLU-ENVE	Envelope	No	Response Combo	SLU-A	1	None
SLU-ENVE			Response Combo	SLU-B	1	
SLU-ENVE			Response Combo	SLU-C	1	
SLU-ENVE			Response Combo	SLU-D	1	
SLU-ENVE			Response Combo	SLU-E	1	
SLE-D	Linear Add	No	Linear Static	G1	1	None
SLE-D			Linear Static	G2-RETE	1	
SLE-D			Linear Static	G2-GUARDRAIL	1	
SLE-D			Linear Static	G2-PAVIM	1	
SLE-D			Linear Static	q1k-D	0,4	
SLE-D			Linear Static	_Q1k-D	0,75	
SLE-D			Linear Static	Q5-FOLLA	0	
SLE-E	Linear Add	No	Linear Static	G1	1	None
SLE-E			Linear Static	G2-RETE	1	
SLE-E			Linear Static	G2-GUARDRAIL	1	
SLE-E			Linear Static	G2-PAVIM	1	
SLE-E			Linear Static	q1k-E	0,4	
SLE-E			Linear Static	_Q1k-E	0,75	
SLE-E			Linear Static	Q5-FOLLA	0	
SLE-ENVE	Envelope	No	Response Combo	SLE-A	1	None
SLE-ENVE			Response Combo	SLE-B	1	
SLE-ENVE			Response Combo	SLE-C	1	
SLE-ENVE			Response Combo	SLE-D	1	
SLE-ENVE			Response Combo	SLE-E	1	

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**Table: Combination Definitions, Part 2 of 3**

Table: Combination Definitions, Part 2 of 3				
ComboName	CaseName	ConcDesign	AlumDesign	ColdDesign
SLU-A	G1	None	None	None
SLU-A	G2-RETE			
SLU-A	G2-GUARDRAIL			
SLU-A	G2-PAVIM			
SLU-A	q1k-A			
SLU-A	_Q1k-A			
SLU-A	Q5-FOLLA			
SLE-A	G1	None	None	None
SLE-A	G2-RETE			
SLE-A	G2-GUARDRAIL			
SLE-A	G2-PAVIM			
SLE-A	q1k-A			
SLE-A	_Q1k-A			
SLE-A	Q5-FOLLA			
SLU-B	G1	None	None	None
SLU-B	G2-RETE			
SLU-B	G2-GUARDRAIL			
SLU-B	G2-PAVIM			
SLU-B	q1k-B			
SLU-B	_Q1k-B			
SLU-B	Q5-FOLLA			
SLU-C	G1	None	None	None
SLU-C	G2-RETE			
SLU-C	G2-GUARDRAIL			
SLU-C	G2-PAVIM			
SLU-C	q1k-C			
SLU-C	_Q1k-C			
SLU-C	Q5-FOLLA			
SLE-B	G1	None	None	None
SLE-B	G2-RETE			
SLE-B	G2-GUARDRAIL			
SLE-B	G2-PAVIM			
SLE-B	q1k-B			
SLE-B	_Q1k-B			
SLE-B	Q5-FOLLA			
SLE-C	G1	None	None	None
SLE-C	G2-RETE			
SLE-C	G2-GUARDRAIL			
SLE-C	G2-PAVIM			
SLE-C	q1k-C			
SLE-C	_Q1k-C			
SLE-C	Q5-FOLLA			
SLU-D	G1	None	None	None
SLU-D	G2-RETE			
SLU-D	G2-GUARDRAIL			
SLU-D	G2-PAVIM			
SLU-D	q1k-D			
SLU-D	_Q1k-D			
SLU-E	G1	None	None	None
SLU-E	G2-RETE			
SLU-E	G2-GUARDRAIL			

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**Table: Combination Definitions, Part 2 of 3**

ComboName	CaseName	ConcDesign	AlumDesign	ColdDesign
SLU-E	G2-PAVIM			
SLU-E	q1k-E			
SLU-E	_Q1k-E			
SLU-ENVE	SLU-A	None	None	None
SLU-ENVE	SLU-B			
SLU-ENVE	SLU-C			
SLU-ENVE	SLU-D			
SLU-ENVE	SLU-E			
SLE-D	G1	None	None	None
SLE-D	G2-RETE			
SLE-D	G2-GUARDRAIL			
SLE-D	G2-PAVIM			
SLE-D	q1k-D			
SLE-D	_Q1k-D			
SLE-D	Q5-FOLLA			
SLE-E	G1	None	None	None
SLE-E	G2-RETE			
SLE-E	G2-GUARDRAIL			
SLE-E	G2-PAVIM			
SLE-E	q1k-E			
SLE-E	_Q1k-E			
SLE-E	Q5-FOLLA			
SLE-ENVE	SLE-A	None	None	None
SLE-ENVE	SLE-B			
SLE-ENVE	SLE-C			
SLE-ENVE	SLE-D			
SLE-ENVE	SLE-E			

**Table: Combination Definitions, Part 3 of 3**

**Table: Combination Definitions, Part 3 of 3**

ComboName	CaseName	GUID	Notes
SLU-A	G1	6443fcf0-39af-48c4-9eea-893ddf33ecdf	
SLU-A	G2-RETE		
SLU-A	G2-GUARDRAIL		
SLU-A	G2-PAVIM		
SLU-A	q1k-A		
SLU-A	_Q1k-A		
SLU-A	Q5-FOLLA		
SLE-A	G1	6443fcf0-39af-48c4-9eea-893ddf33ecdf	
SLE-A	G2-RETE		
SLE-A	G2-GUARDRAIL		
SLE-A	G2-PAVIM		
SLE-A	q1k-A		
SLE-A	_Q1k-A		
SLE-A	Q5-FOLLA		
SLU-B	G1	6443fcf0-39af-48c4-9eea-893ddf33ecdf	
SLU-B	G2-RETE		

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**Table: Combination Definitions, Part 3 of 3**

ComboName	CaseName	GUID	Notes
SLU-B	G2-GUARDRAIL		
SLU-B	G2-PAVIM		
SLU-B	q1k-B		
SLU-B	_Q1k-B		
SLU-B	Q5-FOLLA		
SLU-C	G1	6443fcf0-39af-48c4-9eea-893ddf33ecdf	
SLU-C	G2-RETE		
SLU-C	G2-GUARDRAIL		
SLU-C	G2-PAVIM		
SLU-C	q1k-C		
SLU-C	_Q1k-C		
SLU-C	Q5-FOLLA		
SLE-B	G1	6443fcf0-39af-48c4-9eea-893ddf33ecdf	
SLE-B	G2-RETE		
SLE-B	G2-GUARDRAIL		
SLE-B	G2-PAVIM		
SLE-B	q1k-B		
SLE-B	_Q1k-B		
SLE-B	Q5-FOLLA		
SLE-C	G1	6443fcf0-39af-48c4-9eea-893ddf33ecdf	
SLE-C	G2-RETE		
SLE-C	G2-GUARDRAIL		
SLE-C	G2-PAVIM		
SLE-C	q1k-C		
SLE-C	_Q1k-C		
SLE-C	Q5-FOLLA		
SLU-D	G1	6443fcf0-39af-48c4-9eea-893ddf33ecdf	
SLU-D	G2-RETE		
SLU-D	G2-GUARDRAIL		
SLU-D	G2-PAVIM		
SLU-D	q1k-D		
SLU-D	_Q1k-D		
SLU-E	G1	6443fcf0-39af-48c4-9eea-893ddf33ecdf	
SLU-E	G2-RETE		
SLU-E	G2-GUARDRAIL		
SLU-E	G2-PAVIM		
SLU-E	q1k-E		
SLU-E	_Q1k-E		
SLU-ENVE	SLU-A	63ba2323-4360-4382-9a35-11fe015b7677	
SLU-ENVE	SLU-B		
SLU-ENVE	SLU-C		
SLU-ENVE	SLU-D		
SLU-ENVE	SLU-E		
SLE-D	G1	6443fcf0-39af-48c4-9eea-893ddf33ecdf	
SLE-D	G2-RETE		
SLE-D	G2-GUARDRAIL		
SLE-D	G2-PAVIM		

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**Table: Combination Definitions, Part 3 of 3**

ComboName	CaseName	GUID	Notes
SLE-D	q1k-D		
SLE-D	_Q1k-D		
SLE-D	Q5-FOLLA		
SLE-E	G1	6443fcf0-39af-48c4-9eea-893ddf33ecdf	
SLE-E	G2-RETE		
SLE-E	G2-GUARDRAIL		
SLE-E	G2-PAVIM		
SLE-E	q1k-E		
SLE-E	_Q1k-E		
SLE-E	Q5-FOLLA		
SLE-ENVE	SLE-A	63ba2323-4360-4382-9a35-11fe015b7677	
SLE-ENVE	SLE-B		
SLE-ENVE	SLE-C		
SLE-ENVE	SLE-D		
SLE-ENVE	SLE-E		

**Table: Connectivity - Area, Part 1 of 2**

**Table: Connectivity - Area, Part 1 of 2**

Area	NumJoints	Joint1	Joint2	Joint3	Joint4	Perimeter m	AreaArea m2
5	4	23	495	407	408	1,5	0,125
6	4	408	407	463	21	1,5	0,125
7	4	495	496	409	407	1,5	0,125
8	4	407	409	464	463	1,5	0,125
9	4	496	497	410	409	1,5	0,125
10	4	409	410	465	464	1,5	0,125
11	4	497	96	411	410	1,5	0,125
12	4	410	411	95	465	1,5	0,125
13	4	133	524	412	413	1,5	0,125
14	4	413	412	492	132	1,5	0,125
15	4	524	525	414	412	1,5	0,125
16	4	412	414	493	492	1,5	0,125
17	4	525	526	900	414	1,5	0,125
21	4	414	900	494	493	1,5	0,125
22	4	526	24	901	900	1,49963	0,124954
23	4	900	901	22	494	1,49963	0,124954
24	4	96	498	902	411	1,5	0,125
25	4	411	902	466	95	1,5	0,125
26	4	498	355	903	902	0,9	0,05
27	4	902	903	354	466	0,9	0,05
28	4	355	499	904	903	1,1	0,075
29	4	903	904	467	354	1,1	0,075
30	4	499	500	905	904	1,5	0,125
31	4	904	905	468	467	1,5	0,125
32	4	500	501	906	905	1,5	0,125
33	4	905	906	469	468	1,5	0,125
34	4	501	502	907	906	1,5	0,125
35	4	906	907	470	469	1,5	0,125
36	4	502	503	908	907	1,5	0,125



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Table: Connectivity - Area, Part 1 of 2

Area	NumJoints	Joint1	Joint2	Joint3	Joint4	Perimeter m	AreaArea m2
37	4	907	908	471	470	1,5	0,125
38	4	503	504	909	908	1,5	0,125
39	4	908	909	472	471	1,5	0,125
40	4	504	505	910	909	1,5	0,125
41	4	909	910	473	472	1,5	0,125
42	4	505	506	911	910	1,5	0,125
43	4	910	911	474	473	1,5	0,125
47	4	506	507	912	911	1,5	0,125
48	4	911	912	475	474	1,5	0,125
49	4	507	318	913	912	0,9	0,05
50	4	912	913	317	475	0,9	0,05
51	4	318	508	924	913	1,1	0,075
52	4	913	924	476	317	1,1	0,075
53	4	508	509	925	924	1,5	0,125
54	4	924	925	477	476	1,5	0,125
55	4	509	510	926	925	1,5	0,125
56	4	925	926	478	477	1,5	0,125
57	4	510	207	927	926	2,1	0,2
58	4	926	927	206	478	2,1	0,2
59	4	170	511	928	929	1,7	0,15
60	4	929	928	479	169	1,7	0,15
61	4	511	512	930	928	1,5	0,125
62	4	928	930	480	479	1,5	0,125
63	4	512	513	931	930	1,5	0,125
64	4	930	931	481	480	1,5	0,125
65	4	513	281	932	931	1,1	0,075
66	4	931	932	280	481	1,1	0,075
67	4	281	514	933	932	0,9	0,05
68	4	932	933	482	280	0,9	0,05
69	4	514	515	934	933	1,5	0,125
73	4	933	934	483	482	1,5	0,125
74	4	515	516	935	934	1,5	0,125
75	4	934	935	484	483	1,5	0,125
76	4	516	517	936	935	1,5	0,125
77	4	935	936	485	484	1,5	0,125
78	4	517	518	937	936	1,5	0,125
79	4	936	937	486	485	1,5	0,125
80	4	518	519	938	937	1,5	0,125
81	4	937	938	487	486	1,5	0,125
82	4	519	520	939	938	1,5	0,125
83	4	938	939	488	487	1,5	0,125
84	4	520	521	940	939	1,5	0,125
85	4	939	940	489	488	1,5	0,125
86	4	521	522	941	940	1,5	0,125
87	4	940	941	490	489	1,5	0,125
88	4	522	244	942	941	1,1	0,075
89	4	941	942	243	490	1,1	0,075
90	4	244	523	943	942	0,9	0,05
91	4	942	943	491	243	0,9	0,05
92	4	523	133	413	943	1,5	0,125
93	4	943	413	132	491	1,5	0,125
94	4	207	2820	944	927	1,1	0,075
95	4	927	944	2821	206	1,1	0,075

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Table: Connectivity - Area, Part 1 of 2

Area	NumJoints	Joint1	Joint2	Joint3	Joint4	Perimeter m	AreaArea m2
99	4	2820	170	929	944	1,1	0,075
100	4	944	929	169	2821	1,1	0,075
305	4	29	591	559	27	2	0,25
306	4	27	559	527	25	2	0,25
330	4	25	527	495	23	2	0,25
332	4	21	463	461	1	2	0,25
435	4	591	592	560	559	2	0,25
436	4	559	560	528	527	2	0,25
447	4	527	528	496	495	2	0,25
449	4	463	464	459	461	2	0,25
565	4	592	593	561	560	2	0,25
566	4	560	561	529	528	2	0,25
590	4	528	529	497	496	2	0,25
592	4	464	465	457	459	2	0,25
1023	4	593	99	98	561	2	0,25
1024	4	561	98	97	529	2	0,25
1025	4	529	97	96	497	2	0,25
1027	4	465	95	3	457	2	0,25
1099	4	136	620	588	135	2	0,25
1100	4	135	588	556	134	2	0,25
1101	4	134	556	524	133	2	0,25
1103	4	132	492	455	5	2	0,25
1137	4	620	621	589	588	2	0,25
1138	4	588	589	557	556	2	0,25
1139	4	556	557	525	524	2	0,25
1141	4	492	493	453	455	2	0,25
1175	4	621	622	590	589	2	0,25
1176	4	589	590	558	557	2	0,25
1177	4	557	558	526	525	2	0,25
1179	4	493	494	451	453	2	0,25
1213	4	622	30	28	590	1,99963	0,249908
1214	4	590	28	26	558	1,99963	0,249908
1215	4	558	26	24	526	1,99963	0,249908
1217	4	494	22	7	451	1,999815	0,249954
1251	4	99	594	562	98	2	0,25
1252	4	98	562	530	97	2	0,25
1253	4	97	530	498	96	2	0,25
1255	4	95	466	405	3	2	0,25
1289	4	594	358	357	562	1,4	0,1
1290	4	562	357	356	530	1,4	0,1
1291	4	530	356	355	498	1,4	0,1
1293	4	466	354	19	405	1,4	0,1
1327	4	358	595	563	357	1,6	0,15
1328	4	357	563	531	356	1,6	0,15
1329	4	356	531	499	355	1,6	0,15
1331	4	354	467	445	19	1,6	0,15
1365	4	595	596	564	563	2	0,25
1366	4	563	564	532	531	2	0,25
1367	4	531	532	500	499	2	0,25
1369	4	467	468	443	445	2	0,25
1403	4	596	597	565	564	2	0,25
1404	4	564	565	533	532	2	0,25
1405	4	532	533	501	500	2	0,25

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Table: Connectivity - Area, Part 1 of 2

Area	NumJoints	Joint1	Joint2	Joint3	Joint4	Perimeter	AreaArea
						m	m2
1407	4	468	469	441	443	2	0,25
1441	4	597	598	566	565	2	0,25
1442	4	565	566	534	533	2	0,25
1443	4	533	534	502	501	2	0,25
1445	4	469	470	403	441	2	0,25
1479	4	598	599	567	566	2	0,25
1480	4	566	567	535	534	2	0,25
1481	4	534	535	503	502	2	0,25
1483	4	470	471	439	403	2	0,25
1517	4	599	600	568	567	2	0,25
1518	4	567	568	536	535	2	0,25
1519	4	535	536	504	503	2	0,25
1521	4	471	472	401	439	2	0,25
1555	4	600	601	569	568	2	0,25
1556	4	568	569	537	536	2	0,25
1557	4	536	537	505	504	2	0,25
1559	4	472	473	437	401	2	0,25
1593	4	601	602	570	569	2	0,25
1594	4	569	570	538	537	2	0,25
1595	4	537	538	506	505	2	0,25
1597	4	473	474	435	437	2	0,25
1631	4	602	603	571	570	2	0,25
1632	4	570	571	539	538	2	0,25
1633	4	538	539	507	506	2	0,25
1635	4	474	475	433	435	2	0,25
1669	4	603	321	320	571	1,4	0,1
1670	4	571	320	319	539	1,4	0,1
1671	4	539	319	318	507	1,4	0,1
1673	4	475	317	17	433	1,4	0,1
1707	4	321	604	572	320	1,6	0,15
1708	4	320	572	540	319	1,6	0,15
1709	4	319	540	508	318	1,6	0,15
1711	4	317	476	399	17	1,6	0,15
1745	4	604	605	573	572	2	0,25
1746	4	572	573	541	540	2	0,25
1747	4	540	541	509	508	2	0,25
1749	4	476	477	447	399	2	0,25
1783	4	605	606	574	573	2	0,25
1784	4	573	574	542	541	2	0,25
1785	4	541	542	510	509	2	0,25
1787	4	477	478	449	447	2	0,25
1821	4	606	210	209	574	2,6	0,4
1822	4	574	209	208	542	2,6	0,4
1823	4	542	208	207	510	2,6	0,4
1825	4	478	206	11	449	2,6	0,4
1859	4	173	607	575	172	2,2	0,3
1860	4	172	575	543	171	2,2	0,3
1861	4	171	543	511	170	2,2	0,3
1863	4	169	479	431	9	2,2	0,3
1897	4	607	608	576	575	2	0,25
1898	4	575	576	544	543	2	0,25
1899	4	543	544	512	511	2	0,25
1901	4	479	480	429	431	2	0,25

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Table: Connectivity - Area, Part 1 of 2

Area	NumJoints	Joint1	Joint2	Joint3	Joint4	Perimeter	AreaArea
						m	m2
1935	4	608	609	577	576	2	0,25
1936	4	576	577	545	544	2	0,25
1937	4	544	545	513	512	2	0,25
1939	4	480	481	397	429	2	0,25
1973	4	609	284	283	577	1,6	0,15
1974	4	577	283	282	545	1,6	0,15
1975	4	545	282	281	513	1,6	0,15
1977	4	481	280	15	397	1,6	0,15
2011	4	284	610	578	283	1,4	0,1
2012	4	283	578	546	282	1,4	0,1
2013	4	282	546	514	281	1,4	0,1
2015	4	280	482	427	15	1,4	0,1
2049	4	610	611	579	578	2	0,25
2050	4	578	579	547	546	2	0,25
2051	4	546	547	515	514	2	0,25
2053	4	482	483	425	427	2	0,25
2087	4	611	612	580	579	2	0,25
2088	4	579	580	548	547	2	0,25
2089	4	547	548	516	515	2	0,25
2091	4	483	484	423	425	2	0,25
2125	4	612	613	581	580	2	0,25
2126	4	580	581	549	548	2	0,25
2127	4	548	549	517	516	2	0,25
2129	4	484	485	395	423	2	0,25
2163	4	613	614	582	581	2	0,25
2164	4	581	582	550	549	2	0,25
2165	4	549	550	518	517	2	0,25
2167	4	485	486	421	395	2	0,25
2201	4	614	615	583	582	2	0,25
2202	4	582	583	551	550	2	0,25
2203	4	550	551	519	518	2	0,25
2205	4	486	487	393	421	2	0,25
2239	4	615	616	584	583	2	0,25
2240	4	583	584	552	551	2	0,25
2241	4	551	552	520	519	2	0,25
2243	4	487	488	419	393	2	0,25
2277	4	616	617	585	584	2	0,25
2278	4	584	585	553	552	2	0,25
2279	4	552	553	521	520	2	0,25
2281	4	488	489	417	419	2	0,25
2315	4	617	618	586	585	2	0,25
2316	4	585	586	554	553	2	0,25
2317	4	553	554	522	521	2	0,25
2319	4	489	490	415	417	2	0,25
2353	4	618	247	246	586	1,6	0,15
2354	4	586	246	245	554	1,6	0,15
2355	4	554	245	244	522	1,6	0,15
2357	4	490	243	13	415	1,6	0,15
2391	4	247	619	587	246	1,4	0,1
2392	4	246	587	555	245	1,4	0,1
2393	4	245	555	523	244	1,4	0,1
2395	4	243	491	391	13	1,4	0,1
2429	4	619	136	135	587	2	0,25

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**Table: Connectivity - Area, Part 1 of 2**

Area	NumJoints	Joint1	Joint2	Joint3	Joint4	Perimeter	AreaArea
						m	m2
2430	4	587	135	134	555	2	0,25
2431	4	555	134	133	523	2	0,25
2433	4	491	132	5	391	2	0,25
2680	4	210	2817	2818	209	1,6	0,15
2681	4	2817	173	172	2818	1,6	0,15
2682	4	209	2818	2819	208	1,6	0,15
2683	4	2818	172	171	2819	1,6	0,15
2684	4	208	2819	2820	207	1,6	0,15
2685	4	2819	171	170	2820	1,6	0,15
2688	4	206	2821	2822	11	1,6	0,15
2689	4	2821	169	9	2822	1,6	0,15

**Table: Connectivity - Area, Part 2 of 2**

**Table: Connectivity - Area, Part 2 of 2**

Area	Volume m3	CentroidX m	CentroidY m	CentroidZ m	GUID
5	0,05625	5,25	23,125	0	0a877b03-cb84-4491-bba3-14654b71fefb
6	0,05625	5,25	23,375	0	f0759f8a-6cda-42bfa6d3-ce2b34e312be
7	0,05625	5,75	23,125	0	bb6d5283-994d-4bf1-bf00-2816886391a9
8	0,05625	5,75	23,375	0	206ea6b9-fae5-41df-867e-efcf10e89091
9	0,05625	6,25	23,125	0	1d216241-4bcf-46d8-a784-3ab748df45cf
10	0,05625	6,25	23,375	0	354571a7-d73d-4566-96c9-ff74224b5bd7
11	0,05625	6,75	23,125	0	5257b93c-6e21-4592-8821-703fbb61cb1b
12	0,05625	6,75	23,375	0	2edeed6e-bbc0-495e-b527-9c6cd8abf820
13	0,05625	22,25	23,125	0	00337742-6901-4cad-9908-e8d0d5b77b1a
14	0,05625	22,25	23,375	0	48cb55ed-671e-45afa7d5-e75af6049896
15	0,05625	22,75	23,125	0	5a99cbb5-916c-4d71-890c-3412a46d18fd
16	0,05625	22,75	23,375	0	840b4d32-78fc-4ae7-8142-dfcedebde28f
17	0,05625	23,25	23,125	0	9b5a1e1a-8b50-43c4-88eb-d49c3ebf240f
21	0,05625	23,25	23,375	0	b3469128-188f-42e6-8771-439279886b4f
22	0,056229	23,74991	23,125	0	a54f6a1c-208f-43b0-89d8-e9e2f1d943c5
23	0,056229	23,74991	23,375	0	13680789-8cc7-4b6b-8c77-7651be6567ea
24	0,03875	7,25	23,125	0	42de0acd-0647-47e0-8524-63db5b5b8254
25	0,03875	7,25	23,375	0	702568d1-22c5-4c5a-a51c-08c347d33423
26	0,0155	7,6	23,125	0	c5cf3cdf-d331-4589-ad88-02aecabd7803

AUTOSTRADA VALDASTICO A31 NORD  
1° LOTTO – Piovene Rocchette – Valle dell’Astico

**Table: Connectivity - Area, Part 2 of 2**

Area	Volume m3	CentroidX m	CentroidY m	CentroidZ m	GUID
27	0,0155	7,6	23,375	0	d3caa29c-3aa1-4f0c-9f3f-b6cdb12714a9
28	0,02325	7,85	23,125	0	edee4ef7-e746-4874-b3a8-b42eface89ee
29	0,02325	7,85	23,375	0	05ea69d1-347d-4ac6-82f6-c1a97443fbc8
30	0,03875	8,25	23,125	0	0f697b99-e374-4448-92c3-aa5a60feb659
31	0,03875	8,25	23,375	0	813fa887-6156-4cb6-8dd2-9e8ca33ddac3
32	0,03875	8,75	23,125	0	2f8eb632-e928-47b4-b0a6-74704c499328
33	0,03875	8,75	23,375	0	d963eef2-3674-473d-95a0-328db1224048
34	0,03875	9,25	23,125	0	6eeb69b2-6fc8-44b2-b84d-46a76c686fc5
35	0,03875	9,25	23,375	0	48c0e041-688e-4e64-bd3c-194f7708f3a6
36	0,03875	9,75	23,125	0	8d42e697-153c-44d2-b67b-2676c7cf3b17
37	0,03875	9,75	23,375	0	181818e0-11f6-4a62-8905-9416036d4148
38	0,03875	10,25	23,125	0	ed6798c4-04ee-485c-a2f6-2e89f3bb51e4
39	0,03875	10,25	23,375	0	50a119de-4f7c-4231-9773-f178e63ba794
40	0,03875	10,75	23,125	0	0933530c-8e59-4e57-afe0-efa24e7ae341
41	0,03875	10,75	23,375	0	c2e51733-a8dc-40b6-a9d3-8216a54d6644
42	0,03875	11,25	23,125	0	b2811885-c0f5-4055-8740-7b5fb31bf781
43	0,03875	11,25	23,375	0	940dbe37-c83c-481b-8bc2-e8ec69e38a53
47	0,03875	11,75	23,125	0	ed29aea6-6565-4a33-a042-cf98de79450b
48	0,03875	11,75	23,375	0	7f5ca36e-905f-46d0-9e13-aff0d20d1cc0
49	0,0155	12,1	23,125	0	c0ba5a1d-73b1-42bb-bc0d-fccccb78f477
50	0,0155	12,1	23,375	0	0d4a1af2-acb9-44d3-8e7e-ee335662ae9f
51	0,02325	12,35	23,125	0	f601b0f9-7d57-4897-ba13-82f779194e6c
52	0,02325	12,35	23,375	0	9a1abaeb-5de6-4465-8d45-343e2c10243c
53	0,03875	12,75	23,125	0	6c1094cd-63da-4e15-8346-f3df6a314c6d
54	0,03875	12,75	23,375	0	0e28b9ee-ed30-4ac3-bdce-5117b16e4579
55	0,03875	13,25	23,125	0	699c1a4b-c5c7-468a-8b88-bb9e0e1c3a48
56	0,03875	13,25	23,375	0	709a8fd1-f4c7-4d60-a0ee-0e4f69037323
57	0,062	13,9	23,125	0	06868770-57fd-42f9-af73-c00ced913705
58	0,062	13,9	23,375	0	340d4d1c-8f6f-43ba-9c24-f1eec469b7a9

AUTOSTRADA VALDASTICO A31 NORD  
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**Table: Connectivity - Area, Part 2 of 2**

Area	Volume m3	CentroidX m	CentroidY m	CentroidZ m	GUID
59	0,0465	15,2	23,125	0	0ccec508-e92f-4e02-8192-7829ebe4595f
60	0,0465	15,2	23,375	0	5f64167e-bdaa-4c82-b386-35ff70fe3cb9
61	0,03875	15,75	23,125	0	309465b4-b86f-4d2f-bef5-bbfd72b3369f
62	0,03875	15,75	23,375	0	e0ff1dab-9629-4a9c-a9a7-5b4e44d876b2
63	0,03875	16,25	23,125	0	1c48b473-52a1-474c-a875-134e805d4fd4
64	0,03875	16,25	23,375	0	ac347684-6456-474c-9c2b-eb0c34f58541
65	0,02325	16,65	23,125	0	61456041-7e6e-40a0-9c49-090cfe32ee0c
66	0,02325	16,65	23,375	0	1278db8d-4fa7-4b5d-b085-6682ef22ef83
67	0,0155	16,9	23,125	0	6c62ee75-9eda-4637-8504-5bdd73e4ff12
68	0,0155	16,9	23,375	0	4536907d-83b4-46b5-8f9a-29a9a15d8472
69	0,03875	17,25	23,125	0	8c9d22fd-54c8-4b34-9258-c7c0eea5ea20
73	0,03875	17,25	23,375	0	d0515325-6dcd-4a95-8530-91e989b599f0
74	0,03875	17,75	23,125	0	38b54a59-56f8-45c3-b452-0379bacb2e6e
75	0,03875	17,75	23,375	0	6e616cc3-e8c7-4897-9d6c-e5530c5b37e4
76	0,03875	18,25	23,125	0	098bb941-cd35-4c5f-a0d1-3eb460724457
77	0,03875	18,25	23,375	0	4cff956-e30e-49e0-b0bb-f0e7efee8f70
78	0,03875	18,75	23,125	0	3acfa9fe-18ef-4513-ab8f-b808b5d41539
79	0,03875	18,75	23,375	0	da63af18-df33-472b-9f4c-f5d89adab29b
80	0,03875	19,25	23,125	0	6834a56a-7f26-4191-865a-af3b8d5b7a65
81	0,03875	19,25	23,375	0	6452468f-6f95-4999-81ba-44247f554e28
82	0,03875	19,75	23,125	0	f7c77b30-8b70-40ab-8258-708ce429e5af
83	0,03875	19,75	23,375	0	4dfe742e-df57-4272-bf82-b6ff3b8872e2
84	0,03875	20,25	23,125	0	f13f3f30-f060-4ca1-98d5-693fcb78338d
85	0,03875	20,25	23,375	0	da4b4f44-e85d-4466-865d-6dbc2f7daacf
86	0,03875	20,75	23,125	0	69ffa790-9a15-460d-81fc-d668dd69c456
87	0,03875	20,75	23,375	0	dcf509bb-5733-4fc4-9394-7e2dfe772974
88	0,02325	21,15	23,125	0	70ae984d-2ec5-4085-9d57-0d0b44847e1c
89	0,02325	21,15	23,375	0	10c86d04-e13a-43e4-8ae6-68b924473ede
90	0,0155	21,4	23,125	0	8c0ea4f8-bc3d-4925-a0bd-c85f5bf69ac1

AUTOSTRADA VALDASTICO A31 NORD  
1° LOTTO – Piovene Rocchette – Valle dell’Astico

**Table: Connectivity - Area, Part 2 of 2**

Area	Volume m3	CentroidX m	CentroidY m	CentroidZ m	GUID
91	0,0155	21,4	23,375	0	4f2a2f19-ae54-4986-b668-69a99466fab4
92	0,03875	21,75	23,125	0	0c434a9c-d94f-40a0-8895-02a6074c7f0d
93	0,03875	21,75	23,375	0	5cd310df-73a7-42d2-ad86-25119e5ba3af
94	0,03375	14,45	23,125	0	45423867-2c9f-4ce1-95b5-259b13edc395
95	0,03375	14,45	23,375	0	a6e5a827-f2b4-4c1c-a4a2-3592fe8db4ce
99	0,03375	14,75	23,125	0	51b04dae-6163-433e-9271-87c3938a1389
100	0,03375	14,75	23,375	0	1f112efa-2bcc-4a31-811d-6edfbb4cdc51
305	0,1125	5,25	21,75	0	5b8465ac-5372-440d-a6f7-dfdeaf81e740
306	0,1125	5,25	22,25	0	30ea17e0-653c-42dc-9f7c-6ca897d4bac2
330	0,1125	5,25	22,75	0	5c942955-7805-44db-a36c-2f2433acffb6
332	0,1125	5,25	23,75	0	e87c645f-0ab7-44e7-a50f-1fbf7fcd28f3
435	0,1125	5,75	21,75	0	80e7d897-4b7d-4d85-b710-6fba84c77061
436	0,1125	5,75	22,25	0	68f98515-cd38-40eb-91e7-32ed7de52a20
447	0,1125	5,75	22,75	0	938707b4-80b5-4182-85e7-7b0fbaec4f65
449	0,1125	5,75	23,75	0	3ede0276-2ba2-481f-8af0-bddaa3f77d48
565	0,1125	6,25	21,75	0	4005c058-5d53-47d8-bf17-6a460d814061
566	0,1125	6,25	22,25	0	bfc884ce-aa26-444c-b585-75d3b524ba1b
590	0,1125	6,25	22,75	0	d29018d5-f988-406a-b752-3c56f73e7d11
592	0,1125	6,25	23,75	0	1bd1d14b-70f7-4406-ab35-2d952960880b
1023	0,1125	6,75	21,75	0	d3d0a44b-e78b-4c56-9faf-cf709afa720d
1024	0,1125	6,75	22,25	0	f14c9352-d365-4644-907c-4d372827a733
1025	0,1125	6,75	22,75	0	7ea631e6-c9fc-4082-8b1c-555cd85462d0
1027	0,1125	6,75	23,75	0	b2bdaf66-92ad-4ab2-ada3-5c695340b3ef
1099	0,1125	22,25	21,75	0	0477b14d-96e7-41e2-8c01-91b0083751f1
1100	0,1125	22,25	22,25	0	7886cbc1-83ad-4e43-912b-afc88001d7b5
1101	0,1125	22,25	22,75	0	df7f0d36-ff56-440a-bb54-6025beb2ff18
1103	0,1125	22,25	23,75	0	2fa81df8-0246-462e-bcc7-b805eaa87acd
1137	0,1125	22,75	21,75	0	41a2f185-cb5f-4671-8ce0-dea5fc659ce5
1138	0,1125	22,75	22,25	0	71880b14-0a74-4802-a367-9c46bf054feb



AUTOSTRADA VALDASTICO A31 NORD  
1° LOTTO – Piovene Rocchette – Valle dell’Astico

**Table: Connectivity - Area, Part 2 of 2**

Area	Volume m3	CentroidX m	CentroidY m	CentroidZ m	GUID
1139	0,1125	22,75	22,75	0	e6b13cca-3d09-44ab-8fb9-d78ab466584b
1141	0,1125	22,75	23,75	0	724fd2f9-b239-4d5c-936f-402dec6491dd
1175	0,1125	23,25	21,75	0	3e29ed5e-5fe8-4e8b-bb87-9e07db5312b2
1176	0,1125	23,25	22,25	0	19de2a66-a8f9-44a3-9049-96698fa53c39
1177	0,1125	23,25	22,75	0	638635f5-87af-49ea-9e33-62b4a8841646
1179	0,1125	23,25	23,75	0	edcb6ad3-6b07-4a4a-b636-a0de5a946bad
1213	0,112458	23,74991	21,75	0	5579dcad-726d-42f1-84c8-915b95e722b0
1214	0,112458	23,74991	22,25	0	cf0d5efc-8e21-4a30-a69f-e50a2619da51
1215	0,112458	23,74991	22,75	0	0a1ed46d-a4ca-4104-bcc5-9b1381d9a36c
1217	0,112479	23,74995	23,75002	0	dd4c1eb3-a2c6-48dd-b45c-d2a043d6f8c2
1251	0,0775	7,25	21,75	0	2065f18e-b049-469b-9a85-28f378769c57
1252	0,0775	7,25	22,25	0	9a00d3d7-7c45-4ec7-9570-324cac519c33
1253	0,0775	7,25	22,75	0	dfcfa83f-28b5-4bbd-9bf4-b47743aab689
1255	0,0775	7,25	23,75	0	023ad271-ea67-401a-ac65-372dd1df753c
1289	0,031	7,6	21,75	0	cd7ea5c6-96b6-470f-90bb-a11797a7f2c5
1290	0,031	7,6	22,25	0	edec164f-bec9-4982-991c-497e273f7a7b
1291	0,031	7,6	22,75	0	3cb9ad8a-3a04-435b-97b8-ab0d95bbaebb
1293	0,031	7,6	23,75	0	62337341-8d20-4932-b5b4-1abf762841b0
1327	0,0465	7,85	21,75	0	54e69ca3-4414-41cc-8cdc-d6aeaf28b33e
1328	0,0465	7,85	22,25	0	17e34401-3084-44f9-94ae-29d7bc06d9a9
1329	0,0465	7,85	22,75	0	df48914d-a81b-46ca-a3f0-46e9c33db30e
1331	0,0465	7,85	23,75	0	1d23412c-2d69-4ecf-986e-d97420c587ee
1365	0,0775	8,25	21,75	0	850b56bb-02dc-432e-98ee-89c43536ae2f
1366	0,0775	8,25	22,25	0	f9c817e0-d4ca-4812-961f-b08a8146c563
1367	0,0775	8,25	22,75	0	c44cd48e-9de3-4953-8a13-8a5f5354d3ab
1369	0,0775	8,25	23,75	0	4bcb4033-0495-4075-8da3-0845d24c4e21
1403	0,0775	8,75	21,75	0	3cfc0f49-42ba-4d73-9f9c-acd4195b467d
1404	0,0775	8,75	22,25	0	a3c6e380-742d-4e4a-a655-6c766bef23d2
1405	0,0775	8,75	22,75	0	f47e1b2f-4425-415a-82a3-41ed5a67ec44

AUTOSTRADA VALDASTICO A31 NORD  
1° LOTTO – Piovene Rocchette – Valle dell’Astico

**Table: Connectivity - Area, Part 2 of 2**

Area	Volume m3	CentroidX m	CentroidY m	CentroidZ m	GUID
1407	0,0775	8,75	23,75	0	09189c22-5eea-4b08-9280-26e42a31b95f
1441	0,0775	9,25	21,75	0	9e79ebf0-2ed5-49d8-8374-38839ba031c9
1442	0,0775	9,25	22,25	0	f804606d-dd38-4030-bfba-f3117852e1d6
1443	0,0775	9,25	22,75	0	7857ace7-bc27-4ea6-b16c-2a88359ce550
1445	0,0775	9,25	23,75	0	9855447f-ddfa-42d9-8659-a63321c90573
1479	0,0775	9,75	21,75	0	3741b2f5-1714-494f-96ad-ce14cd0b40a9
1480	0,0775	9,75	22,25	0	a430c96a-d737-4faa-8799-3fb24e7992ad
1481	0,0775	9,75	22,75	0	586749b1-7b6e-4966-95bd-9bde55e05dea
1483	0,0775	9,75	23,75	0	24ecfc73-8f4f-4494-a7e9-601280f9ab70
1517	0,0775	10,25	21,75	0	1ad0b406-cdd2-406e-83ad-47708f1b2d0f
1518	0,0775	10,25	22,25	0	ddb535d7-1f31-4e95-b70d-6f4e7fa500a4
1519	0,0775	10,25	22,75	0	cdc3506b-395d-4077-9c18-b782bc8a4900
1521	0,0775	10,25	23,75	0	51900920-fbc1-4d03-9a44-779f51c4f5b1
1555	0,0775	10,75	21,75	0	da3304be-3695-4abe-a883-aa62c301cbd4
1556	0,0775	10,75	22,25	0	6c7284c8-95df-4801-bf76-12daecfefe0b
1557	0,0775	10,75	22,75	0	357a5bc5-4320-480b-a163-af3df354b930
1559	0,0775	10,75	23,75	0	a6c2c8a0-ee70-4e99-87da-8cfc950a7c1e
1593	0,0775	11,25	21,75	0	139fc559-0e11-4109-b3ab-7706e10616b6
1594	0,0775	11,25	22,25	0	1612055a-7528-4007-baa0-3853f8649696
1595	0,0775	11,25	22,75	0	6d9fe3e8-a449-405e-a693-a90d9dfd8fe3
1597	0,0775	11,25	23,75	0	a2ae6b0e-c7a0-49dd-abcd-ed4f0d15fe12
1631	0,0775	11,75	21,75	0	b8a3f83c-a574-4356-9157-181a133e2449
1632	0,0775	11,75	22,25	0	050a4992-f584-4d55-8252-d7869a382e0c
1633	0,0775	11,75	22,75	0	4e7e209f-8977-43ca-aaa0-ee3acb31d4df
1635	0,0775	11,75	23,75	0	b41ee385-822d-404f-94ba-094dbd128840
1669	0,031	12,1	21,75	0	3f0ae951-a60d-4eca-926e-282c54b3e089
1670	0,031	12,1	22,25	0	de01c7b3-4a24-407f-85ae-8ce5b100b057
1671	0,031	12,1	22,75	0	e6f5b6f6-7c91-42e9-871e-094920cd20e5
1673	0,031	12,1	23,75	0	ff70682a-4805-4865-ad1c-ffb5a97872b0

AUTOSTRADA VALDASTICO A31 NORD  
1° LOTTO – Piovene Rocchette – Valle dell’Astico

**Table: Connectivity - Area, Part 2 of 2**

Area	Volume m3	CentroidX m	CentroidY m	CentroidZ m	GUID
1707	0,0465	12,35	21,75	0	2beb16a1-cea3-4d90-8d90-5013e76605c1
1708	0,0465	12,35	22,25	0	31016ce4-60dd-440e-8ae6-063ef6491fc9
1709	0,0465	12,35	22,75	0	75a13c11-6d0a-49a4-83d2-30d03cdf03c9
1711	0,0465	12,35	23,75	0	d051dc10-3e91-4b72-ba7e-f2ee9a808686
1745	0,0775	12,75	21,75	0	f6872f12-6b43-4093-98c1-6a8eddb6fd81
1746	0,0775	12,75	22,25	0	8150eacb-7a86-4221-ab3f-aebc2c5a974d
1747	0,0775	12,75	22,75	0	b2dfcc98-91fa-4b2b-be78-4ff756dae9f6
1749	0,0775	12,75	23,75	0	145e368b-23f4-4209-9ae9-eac800456bbe
1783	0,0775	13,25	21,75	0	8117f43b-f59b-4eae-acfe-63d89a038706
1784	0,0775	13,25	22,25	0	28b55c92-be0f-4d2b-8a7d-32762d66b4c4
1785	0,0775	13,25	22,75	0	a192a90d-45a8-489c-9841-99c0167de90c
1787	0,0775	13,25	23,75	0	99bdeb05-83bd-4b03-b9ef-ceb7d9ca92ed
1821	0,124	13,9	21,75	0	a6dfd34e-37c6-4e0b-b21d-3545a3717e9e
1822	0,124	13,9	22,25	0	3c7a29ed-9d41-49cd-8c77-c8d82f0528f0
1823	0,124	13,9	22,75	0	b0f33ee4-c424-4e39-be90-c2ff385546eb
1825	0,124	13,9	23,75	0	f169f92e-389e-44f3-b9c6-d6bd21f32045
1859	0,093	15,2	21,75	0	53d5170b-c4e0-46a6-9869-118891be9bec
1860	0,093	15,2	22,25	0	1680696d-ae8c-41d6-9e29-5a44a52d118f
1861	0,093	15,2	22,75	0	b6332917-c99b-4757-9d9f-930fec33d5c5
1863	0,093	15,2	23,75	0	05093f4e-5acd-450e-bcdd-1e6dc31becdd
1897	0,0775	15,75	21,75	0	8bcf8ae6-9843-451c-bcbb-16a6e1861587
1898	0,0775	15,75	22,25	0	9cced779-21b7-49e1-a91c-c22253ebd2ab
1899	0,0775	15,75	22,75	0	0a2fe40e-4ad7-4034-92c5-ae6ae9646c25
1901	0,0775	15,75	23,75	0	fe1117c3-798b-46d8-80ae-fa1563ef4c4b
1935	0,0775	16,25	21,75	0	4e39e036-379a-4ecc-9677-117eca6db9cc
1936	0,0775	16,25	22,25	0	ec31db81-e94a-4d6a-bec8-fa10eb54c7b9
1937	0,0775	16,25	22,75	0	0d2bc342-1584-44c4-a3af-d7f6e684d3e1
1939	0,0775	16,25	23,75	0	b700af42-1a90-4c02-9645-fa5281402234
1973	0,0465	16,65	21,75	0	17bae081-3b00-46d7-8511-31e608bcaa59

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**Table: Connectivity - Area, Part 2 of 2**

Area	Volume m3	CentroidX m	CentroidY m	CentroidZ m	GUID
1974	0,0465	16,65	22,25	0	77d5ec97-eba1-4a1a-b6a0-4da4ce88bac0
1975	0,0465	16,65	22,75	0	f9e39c9d-9e07-4794-ba0a-24cc13b6722d
1977	0,0465	16,65	23,75	0	f8435003-2c0d-4272-b569-907a90519e92
2011	0,031	16,9	21,75	0	df25dd3a-9373-4000-9a67-8744e2d94bde
2012	0,031	16,9	22,25	0	b8f36e7b-a412-4d52-9138-97898c2118aa
2013	0,031	16,9	22,75	0	fb1b96b4-31be-458a-971b-49035755cf28
2015	0,031	16,9	23,75	0	27a85875-78e6-42dc-b9e0-fa9da74aa41b
2049	0,0775	17,25	21,75	0	e704c0a5-7903-4adc-803f-375bde688aff
2050	0,0775	17,25	22,25	0	38747690-aaed-41df-8949-6f9e8bd09796
2051	0,0775	17,25	22,75	0	4f482c60-07f0-4aed-bc01-8905fb8bb0e6
2053	0,0775	17,25	23,75	0	c94dd416-902b-42f4-bdc3-b56f2a2345b3
2087	0,0775	17,75	21,75	0	630068e8-2858-47c2-90f7-43fcb06a899c
2088	0,0775	17,75	22,25	0	848112d7-9844-4bba-9c21-28fe26d72585
2089	0,0775	17,75	22,75	0	669c478c-22b4-4d3a-a1ea-65a0f3dacce4
2091	0,0775	17,75	23,75	0	97e5996a-a6bb-48b5-998f-c6190787e54a
2125	0,0775	18,25	21,75	0	8363ffd6-54fa-43a8-9cbb-826031765667
2126	0,0775	18,25	22,25	0	84747798-67fd-47b8-98a7-28446a5ad10d
2127	0,0775	18,25	22,75	0	3760fac2-8daa-44a9-bdc2-76585a6572ea
2129	0,0775	18,25	23,75	0	4b73f69a-583d-405f-a748-0721baa5ee69
2163	0,0775	18,75	21,75	0	94322ae7-39cd-47ac-8749-19f7f2f9923d
2164	0,0775	18,75	22,25	0	7fedad37-f2c9-425f-8589-631f2ca337d6
2165	0,0775	18,75	22,75	0	0f7e3b59-70f3-4f5f-a71f-ce8b9b3be9aa
2167	0,0775	18,75	23,75	0	24f890b4-07cd-46cd-88bd-91cafae9d96a
2201	0,0775	19,25	21,75	0	34f28ebc-fccf-4eff-a587-8d43f037781b
2202	0,0775	19,25	22,25	0	748ae8fc-7324-4fbb-96da-a50936b99a79
2203	0,0775	19,25	22,75	0	3db8da6b-4ce1-42e6-92bb-b313e60e3f91
2205	0,0775	19,25	23,75	0	a9d05064-f748-4696-a2df-74f171489b6e
2239	0,0775	19,75	21,75	0	a1348a0a-8212-4420-8299-df306ecc8617
2240	0,0775	19,75	22,25	0	0e27dfd9-3811-4236-ac77-f57b09dc8706

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**Table: Connectivity - Area, Part 2 of 2**

Area	Volume m3	CentroidX m	CentroidY m	CentroidZ m	GUID
2241	0,0775	19,75	22,75	0	f8a48aba-2b06-410e-b540-34578f65ba48
2243	0,0775	19,75	23,75	0	66e4dd98-b401-4a60-a1d0-427b02dab751
2277	0,0775	20,25	21,75	0	b7e602fd-82a0-4526-9a28-2b6d59cffadb
2278	0,0775	20,25	22,25	0	a2d78cdd-8967-44e5-b8ec-0c8a27edd452
2279	0,0775	20,25	22,75	0	390d59e5-cc52-4f85-a4fe-15a18398cadd
2281	0,0775	20,25	23,75	0	7b3b77a9-c433-45ee-9d2e-9dbc9bc637cb
2315	0,0775	20,75	21,75	0	3b23a5fe-2b3e-4782-ae5f-bdc149e42831
2316	0,0775	20,75	22,25	0	87d7c4e0-9336-444d-8ab8-81e5b86db6c1
2317	0,0775	20,75	22,75	0	28787e27-266f-4ded-9151-a51cd61d393d
2319	0,0775	20,75	23,75	0	b660e1a4-215b-4ff8-b723-a1c35c297847
2353	0,0465	21,15	21,75	0	e94fa8e5-29cd-41f2-9af6-bf313c937d47
2354	0,0465	21,15	22,25	0	032f4f4a-f343-4cb3-a4e8-7434659eeb84
2355	0,0465	21,15	22,75	0	6aff2075-23e8-4165-9bc8-c5a55f561d2c
2357	0,0465	21,15	23,75	0	f4614692-5420-4ef2-af7b-a33e4c3cadca
2391	0,031	21,4	21,75	0	b30f2af0-dd39-4d4b-adad-7e3f1290f641
2392	0,031	21,4	22,25	0	8d51f62b-5a75-4630-b417-a31def7399a1
2393	0,031	21,4	22,75	0	cb2dc80a-fc0d-4202-950f-f96a436cff2
2395	0,031	21,4	23,75	0	389c3032-240d-4bf6-98af-d8d784481ccd
2429	0,0775	21,75	21,75	0	3654b9e9-906e-4cd3-a9b0-feec3155a9e2
2430	0,0775	21,75	22,25	0	2be88ef5-923a-4805-905e-723b8ffc96ba
2431	0,0775	21,75	22,75	0	fe6c1cca-f83b-4bb9-8fbc-dd09e550a4c6
2433	0,0775	21,75	23,75	0	e7d0ce39-37c9-4193-bf42-9fc48c95387b
2680	0,0675	14,45	21,75	0	23e6564c-635e-4c6e-a05a-7b9f9d9a7a01
2681	0,0675	14,75	21,75	0	7f2d5726-aff3-4d9e-9f25-257f6017f334
2682	0,0675	14,45	22,25	0	3d941cc1-e5d7-4803-b769-c7e248278e5d
2683	0,0675	14,75	22,25	0	973dad71-fbe8-4c89-92e6-f70071af3cd9
2684	0,0675	14,45	22,75	0	73c404a0-7bb3-4643-bbfd-a7fe3d05133b
2685	0,0675	14,75	22,75	0	d735715e-1e2f-446e-8425-f56f598e00d6
2688	0,0675	14,45	23,75	0	6a5ed9a3-1536-4a2b-8bff-9d5ffa5769a1

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**Table: Connectivity - Area, Part 2 of 2**

Area	Volume m3	CentroidX m	CentroidY m	CentroidZ m	GUID
2689	0,0675	14,75	23,75	0	fa255f92-7cb7-4df5-a651-fa5bab6ee9ba

**Table: Joint Coordinates, Part 1 of 2**

**Table: Joint Coordinates, Part 1 of 2**

Joint	CoordSys	CoordType	XorR m	Y m	Z m	SpecialJt	GlobalX m
1	GLOBAL	Cartesian	5	24	0	No	5
3	GLOBAL	Cartesian	7	24	0	No	7
5	GLOBAL	Cartesian	22	24	0	No	22
7	GLOBAL	Cartesian	24	24	0	No	24
9	GLOBAL	Cartesian	14,9	24	0	No	14,9
11	GLOBAL	Cartesian	14,3	24	0	No	14,3
13	GLOBAL	Cartesian	21,3	24	0	No	21,3
15	GLOBAL	Cartesian	16,8	24	0	No	16,8
17	GLOBAL	Cartesian	12,2	24	0	No	12,2
19	GLOBAL	Cartesian	7,7	24	0	No	7,7
21	GLOBAL	Cartesian	5	23,5	0	No	5
22	GLOBAL	Cartesian	23,99982	23,5	0	No	23,99982
23	GLOBAL	Cartesian	5	23	0	No	5
24	GLOBAL	Cartesian	23,99982	23	0	No	23,99982
25	GLOBAL	Cartesian	5	22,5	0	No	5
26	GLOBAL	Cartesian	23,99982	22,5	0	No	23,99982
27	GLOBAL	Cartesian	5	22	0	No	5
28	GLOBAL	Cartesian	23,99982	22	0	No	23,99982
29	GLOBAL	Cartesian	5	21,5	0	No	5
30	GLOBAL	Cartesian	23,99982	21,5	0	No	23,99982
95	GLOBAL	Cartesian	7	23,5	0	No	7
96	GLOBAL	Cartesian	7	23	0	No	7
97	GLOBAL	Cartesian	7	22,5	0	No	7
98	GLOBAL	Cartesian	7	22	0	No	7
99	GLOBAL	Cartesian	7	21,5	0	No	7
132	GLOBAL	Cartesian	22	23,5	0	No	22
133	GLOBAL	Cartesian	22	23	0	No	22
134	GLOBAL	Cartesian	22	22,5	0	No	22
135	GLOBAL	Cartesian	22	22	0	No	22
136	GLOBAL	Cartesian	22	21,5	0	No	22
169	GLOBAL	Cartesian	14,9	23,5	0	No	14,9
170	GLOBAL	Cartesian	14,9	23	0	No	14,9
171	GLOBAL	Cartesian	14,9	22,5	0	No	14,9
172	GLOBAL	Cartesian	14,9	22	0	No	14,9
173	GLOBAL	Cartesian	14,9	21,5	0	No	14,9
206	GLOBAL	Cartesian	14,3	23,5	0	No	14,3
207	GLOBAL	Cartesian	14,3	23	0	No	14,3
208	GLOBAL	Cartesian	14,3	22,5	0	No	14,3
209	GLOBAL	Cartesian	14,3	22	0	No	14,3
210	GLOBAL	Cartesian	14,3	21,5	0	No	14,3
243	GLOBAL	Cartesian	21,3	23,5	0	No	21,3
244	GLOBAL	Cartesian	21,3	23	0	No	21,3
245	GLOBAL	Cartesian	21,3	22,5	0	No	21,3
246	GLOBAL	Cartesian	21,3	22	0	No	21,3

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Table: Joint Coordinates, Part 1 of 2

Joint	CoordSys	CoordType	XorR m	Y m	Z m	SpecialJt	GlobalX m
247	GLOBAL	Cartesian	21,3	21,5	0	No	21,3
280	GLOBAL	Cartesian	16,8	23,5	0	No	16,8
281	GLOBAL	Cartesian	16,8	23	0	No	16,8
282	GLOBAL	Cartesian	16,8	22,5	0	No	16,8
283	GLOBAL	Cartesian	16,8	22	0	No	16,8
284	GLOBAL	Cartesian	16,8	21,5	0	No	16,8
317	GLOBAL	Cartesian	12,2	23,5	0	No	12,2
318	GLOBAL	Cartesian	12,2	23	0	No	12,2
319	GLOBAL	Cartesian	12,2	22,5	0	No	12,2
320	GLOBAL	Cartesian	12,2	22	0	No	12,2
321	GLOBAL	Cartesian	12,2	21,5	0	No	12,2
354	GLOBAL	Cartesian	7,7	23,5	0	No	7,7
355	GLOBAL	Cartesian	7,7	23	0	No	7,7
356	GLOBAL	Cartesian	7,7	22,5	0	No	7,7
357	GLOBAL	Cartesian	7,7	22	0	No	7,7
358	GLOBAL	Cartesian	7,7	21,5	0	No	7,7
391	GLOBAL	Cartesian	21,5	24	0	No	21,5
393	GLOBAL	Cartesian	19,5	24	0	No	19,5
395	GLOBAL	Cartesian	18,5	24	0	No	18,5
397	GLOBAL	Cartesian	16,5	24	0	No	16,5
399	GLOBAL	Cartesian	12,5	24	0	No	12,5
401	GLOBAL	Cartesian	10,5	24	0	No	10,5
403	GLOBAL	Cartesian	9,5	24	0	No	9,5
405	GLOBAL	Cartesian	7,5	24	0	No	7,5
407	GLOBAL	Cartesian	5,5	23,25	0	No	5,5
408	GLOBAL	Cartesian	5	23,25	0	No	5
409	GLOBAL	Cartesian	6	23,25	0	No	6
410	GLOBAL	Cartesian	6,5	23,25	0	No	6,5
411	GLOBAL	Cartesian	7	23,25	0	No	7
412	GLOBAL	Cartesian	22,5	23,25	0	No	22,5
413	GLOBAL	Cartesian	22	23,25	0	No	22
414	GLOBAL	Cartesian	23	23,25	0	No	23
415	GLOBAL	Cartesian	21	24	0	No	21
417	GLOBAL	Cartesian	20,5	24	0	No	20,5
419	GLOBAL	Cartesian	20	24	0	No	20
421	GLOBAL	Cartesian	19	24	0	No	19
423	GLOBAL	Cartesian	18	24	0	No	18
425	GLOBAL	Cartesian	17,5	24	0	No	17,5
427	GLOBAL	Cartesian	17	24	0	No	17
429	GLOBAL	Cartesian	16	24	0	No	16
431	GLOBAL	Cartesian	15,5	24	0	No	15,5
433	GLOBAL	Cartesian	12	24	0	No	12
435	GLOBAL	Cartesian	11,5	24	0	No	11,5
437	GLOBAL	Cartesian	11	24	0	No	11
439	GLOBAL	Cartesian	10	24	0	No	10
441	GLOBAL	Cartesian	9	24	0	No	9
443	GLOBAL	Cartesian	8,5	24	0	No	8,5
445	GLOBAL	Cartesian	8	24	0	No	8
447	GLOBAL	Cartesian	13	24	0	No	13
449	GLOBAL	Cartesian	13,5	24	0	No	13,5
451	GLOBAL	Cartesian	23,5	24	0	No	23,5
453	GLOBAL	Cartesian	23	24	0	No	23
455	GLOBAL	Cartesian	22,5	24	0	No	22,5

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Table: Joint Coordinates, Part 1 of 2

Joint	CoordSys	CoordType	XorR	Y	Z	SpecialJt	GlobalX
			m	m	m		m
457	GLOBAL	Cartesian	6,5	24	0	No	6,5
459	GLOBAL	Cartesian	6	24	0	No	6
461	GLOBAL	Cartesian	5,5	24	0	No	5,5
463	GLOBAL	Cartesian	5,5	23,5	0	No	5,5
464	GLOBAL	Cartesian	6	23,5	0	No	6
465	GLOBAL	Cartesian	6,5	23,5	0	No	6,5
466	GLOBAL	Cartesian	7,5	23,5	0	No	7,5
467	GLOBAL	Cartesian	8	23,5	0	No	8
468	GLOBAL	Cartesian	8,5	23,5	0	No	8,5
469	GLOBAL	Cartesian	9	23,5	0	No	9
470	GLOBAL	Cartesian	9,5	23,5	0	No	9,5
471	GLOBAL	Cartesian	10	23,5	0	No	10
472	GLOBAL	Cartesian	10,5	23,5	0	No	10,5
473	GLOBAL	Cartesian	11	23,5	0	No	11
474	GLOBAL	Cartesian	11,5	23,5	0	No	11,5
475	GLOBAL	Cartesian	12	23,5	0	No	12
476	GLOBAL	Cartesian	12,5	23,5	0	No	12,5
477	GLOBAL	Cartesian	13	23,5	0	No	13
478	GLOBAL	Cartesian	13,5	23,5	0	No	13,5
479	GLOBAL	Cartesian	15,5	23,5	0	No	15,5
480	GLOBAL	Cartesian	16	23,5	0	No	16
481	GLOBAL	Cartesian	16,5	23,5	0	No	16,5
482	GLOBAL	Cartesian	17	23,5	0	No	17
483	GLOBAL	Cartesian	17,5	23,5	0	No	17,5
484	GLOBAL	Cartesian	18	23,5	0	No	18
485	GLOBAL	Cartesian	18,5	23,5	0	No	18,5
486	GLOBAL	Cartesian	19	23,5	0	No	19
487	GLOBAL	Cartesian	19,5	23,5	0	No	19,5
488	GLOBAL	Cartesian	20	23,5	0	No	20
489	GLOBAL	Cartesian	20,5	23,5	0	No	20,5
490	GLOBAL	Cartesian	21	23,5	0	No	21
491	GLOBAL	Cartesian	21,5	23,5	0	No	21,5
492	GLOBAL	Cartesian	22,5	23,5	0	No	22,5
493	GLOBAL	Cartesian	23	23,5	0	No	23
494	GLOBAL	Cartesian	23,5	23,5	0	No	23,5
495	GLOBAL	Cartesian	5,5	23	0	No	5,5
496	GLOBAL	Cartesian	6	23	0	No	6
497	GLOBAL	Cartesian	6,5	23	0	No	6,5
498	GLOBAL	Cartesian	7,5	23	0	No	7,5
499	GLOBAL	Cartesian	8	23	0	No	8
500	GLOBAL	Cartesian	8,5	23	0	No	8,5
501	GLOBAL	Cartesian	9	23	0	No	9
502	GLOBAL	Cartesian	9,5	23	0	No	9,5
503	GLOBAL	Cartesian	10	23	0	No	10
504	GLOBAL	Cartesian	10,5	23	0	No	10,5
505	GLOBAL	Cartesian	11	23	0	No	11
506	GLOBAL	Cartesian	11,5	23	0	No	11,5
507	GLOBAL	Cartesian	12	23	0	No	12
508	GLOBAL	Cartesian	12,5	23	0	No	12,5
509	GLOBAL	Cartesian	13	23	0	No	13
510	GLOBAL	Cartesian	13,5	23	0	No	13,5
511	GLOBAL	Cartesian	15,5	23	0	No	15,5
512	GLOBAL	Cartesian	16	23	0	No	16



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Table: Joint Coordinates, Part 1 of 2

Joint	CoordSys	CoordType	XorR	Y	Z	SpecialJt	GlobalX
			m	m	m		m
513	GLOBAL	Cartesian	16,5	23	0	No	16,5
514	GLOBAL	Cartesian	17	23	0	No	17
515	GLOBAL	Cartesian	17,5	23	0	No	17,5
516	GLOBAL	Cartesian	18	23	0	No	18
517	GLOBAL	Cartesian	18,5	23	0	No	18,5
518	GLOBAL	Cartesian	19	23	0	No	19
519	GLOBAL	Cartesian	19,5	23	0	No	19,5
520	GLOBAL	Cartesian	20	23	0	No	20
521	GLOBAL	Cartesian	20,5	23	0	No	20,5
522	GLOBAL	Cartesian	21	23	0	No	21
523	GLOBAL	Cartesian	21,5	23	0	No	21,5
524	GLOBAL	Cartesian	22,5	23	0	No	22,5
525	GLOBAL	Cartesian	23	23	0	No	23
526	GLOBAL	Cartesian	23,5	23	0	No	23,5
527	GLOBAL	Cartesian	5,5	22,5	0	No	5,5
528	GLOBAL	Cartesian	6	22,5	0	No	6
529	GLOBAL	Cartesian	6,5	22,5	0	No	6,5
530	GLOBAL	Cartesian	7,5	22,5	0	No	7,5
531	GLOBAL	Cartesian	8	22,5	0	No	8
532	GLOBAL	Cartesian	8,5	22,5	0	No	8,5
533	GLOBAL	Cartesian	9	22,5	0	No	9
534	GLOBAL	Cartesian	9,5	22,5	0	No	9,5
535	GLOBAL	Cartesian	10	22,5	0	No	10
536	GLOBAL	Cartesian	10,5	22,5	0	No	10,5
537	GLOBAL	Cartesian	11	22,5	0	No	11
538	GLOBAL	Cartesian	11,5	22,5	0	No	11,5
539	GLOBAL	Cartesian	12	22,5	0	No	12
540	GLOBAL	Cartesian	12,5	22,5	0	No	12,5
541	GLOBAL	Cartesian	13	22,5	0	No	13
542	GLOBAL	Cartesian	13,5	22,5	0	No	13,5
543	GLOBAL	Cartesian	15,5	22,5	0	No	15,5
544	GLOBAL	Cartesian	16	22,5	0	No	16
545	GLOBAL	Cartesian	16,5	22,5	0	No	16,5
546	GLOBAL	Cartesian	17	22,5	0	No	17
547	GLOBAL	Cartesian	17,5	22,5	0	No	17,5
548	GLOBAL	Cartesian	18	22,5	0	No	18
549	GLOBAL	Cartesian	18,5	22,5	0	No	18,5
550	GLOBAL	Cartesian	19	22,5	0	No	19
551	GLOBAL	Cartesian	19,5	22,5	0	No	19,5
552	GLOBAL	Cartesian	20	22,5	0	No	20
553	GLOBAL	Cartesian	20,5	22,5	0	No	20,5
554	GLOBAL	Cartesian	21	22,5	0	No	21
555	GLOBAL	Cartesian	21,5	22,5	0	No	21,5
556	GLOBAL	Cartesian	22,5	22,5	0	No	22,5
557	GLOBAL	Cartesian	23	22,5	0	No	23
558	GLOBAL	Cartesian	23,5	22,5	0	No	23,5
559	GLOBAL	Cartesian	5,5	22	0	No	5,5
560	GLOBAL	Cartesian	6	22	0	No	6
561	GLOBAL	Cartesian	6,5	22	0	No	6,5
562	GLOBAL	Cartesian	7,5	22	0	No	7,5
563	GLOBAL	Cartesian	8	22	0	No	8
564	GLOBAL	Cartesian	8,5	22	0	No	8,5
565	GLOBAL	Cartesian	9	22	0	No	9

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Table: Joint Coordinates, Part 1 of 2

Joint	CoordSys	CoordType	XorR	Y	Z	SpecialJt	GlobalX
			m	m	m		m
566	GLOBAL	Cartesian	9,5	22	0	No	9,5
567	GLOBAL	Cartesian	10	22	0	No	10
568	GLOBAL	Cartesian	10,5	22	0	No	10,5
569	GLOBAL	Cartesian	11	22	0	No	11
570	GLOBAL	Cartesian	11,5	22	0	No	11,5
571	GLOBAL	Cartesian	12	22	0	No	12
572	GLOBAL	Cartesian	12,5	22	0	No	12,5
573	GLOBAL	Cartesian	13	22	0	No	13
574	GLOBAL	Cartesian	13,5	22	0	No	13,5
575	GLOBAL	Cartesian	15,5	22	0	No	15,5
576	GLOBAL	Cartesian	16	22	0	No	16
577	GLOBAL	Cartesian	16,5	22	0	No	16,5
578	GLOBAL	Cartesian	17	22	0	No	17
579	GLOBAL	Cartesian	17,5	22	0	No	17,5
580	GLOBAL	Cartesian	18	22	0	No	18
581	GLOBAL	Cartesian	18,5	22	0	No	18,5
582	GLOBAL	Cartesian	19	22	0	No	19
583	GLOBAL	Cartesian	19,5	22	0	No	19,5
584	GLOBAL	Cartesian	20	22	0	No	20
585	GLOBAL	Cartesian	20,5	22	0	No	20,5
586	GLOBAL	Cartesian	21	22	0	No	21
587	GLOBAL	Cartesian	21,5	22	0	No	21,5
588	GLOBAL	Cartesian	22,5	22	0	No	22,5
589	GLOBAL	Cartesian	23	22	0	No	23
590	GLOBAL	Cartesian	23,5	22	0	No	23,5
591	GLOBAL	Cartesian	5,5	21,5	0	No	5,5
592	GLOBAL	Cartesian	6	21,5	0	No	6
593	GLOBAL	Cartesian	6,5	21,5	0	No	6,5
594	GLOBAL	Cartesian	7,5	21,5	0	No	7,5
595	GLOBAL	Cartesian	8	21,5	0	No	8
596	GLOBAL	Cartesian	8,5	21,5	0	No	8,5
597	GLOBAL	Cartesian	9	21,5	0	No	9
598	GLOBAL	Cartesian	9,5	21,5	0	No	9,5
599	GLOBAL	Cartesian	10	21,5	0	No	10
600	GLOBAL	Cartesian	10,5	21,5	0	No	10,5
601	GLOBAL	Cartesian	11	21,5	0	No	11
602	GLOBAL	Cartesian	11,5	21,5	0	No	11,5
603	GLOBAL	Cartesian	12	21,5	0	No	12
604	GLOBAL	Cartesian	12,5	21,5	0	No	12,5
605	GLOBAL	Cartesian	13	21,5	0	No	13
606	GLOBAL	Cartesian	13,5	21,5	0	No	13,5
607	GLOBAL	Cartesian	15,5	21,5	0	No	15,5
608	GLOBAL	Cartesian	16	21,5	0	No	16
609	GLOBAL	Cartesian	16,5	21,5	0	No	16,5
610	GLOBAL	Cartesian	17	21,5	0	No	17
611	GLOBAL	Cartesian	17,5	21,5	0	No	17,5
612	GLOBAL	Cartesian	18	21,5	0	No	18
613	GLOBAL	Cartesian	18,5	21,5	0	No	18,5
614	GLOBAL	Cartesian	19	21,5	0	No	19
615	GLOBAL	Cartesian	19,5	21,5	0	No	19,5
616	GLOBAL	Cartesian	20	21,5	0	No	20
617	GLOBAL	Cartesian	20,5	21,5	0	No	20,5
618	GLOBAL	Cartesian	21	21,5	0	No	21

AUTOSTRADA VALDASTICO A31 NORD  
1° LOTTO – Piovene Rocchette – Valle dell’Astico

Table: Joint Coordinates, Part 1 of 2

Joint	CoordSys	CoordType	XorR	Y	Z	SpecialJt	GlobalX
			m	m	m		m
619	GLOBAL	Cartesian	21,5	21,5	0	No	21,5
620	GLOBAL	Cartesian	22,5	21,5	0	No	22,5
621	GLOBAL	Cartesian	23	21,5	0	No	23
622	GLOBAL	Cartesian	23,5	21,5	0	No	23,5
900	GLOBAL	Cartesian	23,5	23,25	0	No	23,5
901	GLOBAL	Cartesian	23,99982	23,25	0	No	23,99982
902	GLOBAL	Cartesian	7,5	23,25	0	No	7,5
903	GLOBAL	Cartesian	7,7	23,25	0	No	7,7
904	GLOBAL	Cartesian	8	23,25	0	No	8
905	GLOBAL	Cartesian	8,5	23,25	0	No	8,5
906	GLOBAL	Cartesian	9	23,25	0	No	9
907	GLOBAL	Cartesian	9,5	23,25	0	No	9,5
908	GLOBAL	Cartesian	10	23,25	0	No	10
909	GLOBAL	Cartesian	10,5	23,25	0	No	10,5
910	GLOBAL	Cartesian	11	23,25	0	No	11
911	GLOBAL	Cartesian	11,5	23,25	0	No	11,5
912	GLOBAL	Cartesian	12	23,25	0	No	12
913	GLOBAL	Cartesian	12,2	23,25	0	No	12,2
924	GLOBAL	Cartesian	12,5	23,25	0	No	12,5
925	GLOBAL	Cartesian	13	23,25	0	No	13
926	GLOBAL	Cartesian	13,5	23,25	0	No	13,5
927	GLOBAL	Cartesian	14,3	23,25	0	No	14,3
928	GLOBAL	Cartesian	15,5	23,25	0	No	15,5
929	GLOBAL	Cartesian	14,9	23,25	0	No	14,9
930	GLOBAL	Cartesian	16	23,25	0	No	16
931	GLOBAL	Cartesian	16,5	23,25	0	No	16,5
932	GLOBAL	Cartesian	16,8	23,25	0	No	16,8
933	GLOBAL	Cartesian	17	23,25	0	No	17
934	GLOBAL	Cartesian	17,5	23,25	0	No	17,5
935	GLOBAL	Cartesian	18	23,25	0	No	18
936	GLOBAL	Cartesian	18,5	23,25	0	No	18,5
937	GLOBAL	Cartesian	19	23,25	0	No	19
938	GLOBAL	Cartesian	19,5	23,25	0	No	19,5
939	GLOBAL	Cartesian	20	23,25	0	No	20
940	GLOBAL	Cartesian	20,5	23,25	0	No	20,5
941	GLOBAL	Cartesian	21	23,25	0	No	21
942	GLOBAL	Cartesian	21,3	23,25	0	No	21,3
943	GLOBAL	Cartesian	21,5	23,25	0	No	21,5
944	GLOBAL	Cartesian	14,6	23,25	0	No	14,6
2817	GLOBAL	Cartesian	14,6	21,5	0	No	14,6
2818	GLOBAL	Cartesian	14,6	22	0	No	14,6
2819	GLOBAL	Cartesian	14,6	22,5	0	No	14,6
2820	GLOBAL	Cartesian	14,6	23	0	No	14,6
2821	GLOBAL	Cartesian	14,6	23,5	0	No	14,6
2822	GLOBAL	Cartesian	14,6	24	0	No	14,6

AUTOSTRADA VALDASTICO A31 NORD  
1° LOTTO – Piovene Rocchette – Valle dell’Astico

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**Table: Joint Coordinates, Part 2 of 2**

Table: Joint Coordinates, Part 2 of 2			
Joint	GlobalY m	GlobalZ m	GUID
1	24	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
3	24	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
5	24	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
7	24	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
9	24	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
11	24	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
13	24	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
15	24	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
17	24	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
19	24	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
21	23,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
22	23,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
23	23	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
24	23	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
25	22,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
26	22,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
27	22	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
28	22	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
29	21,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
30	21,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
95	23,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
96	23	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
97	22,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
98	22	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
99	21,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
132	23,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
133	23	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
134	22,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd

AUTOSTRADA VALDASTICO A31 NORD  
1° LOTTO – Piovone Rocchette – Valle dell’Astico

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**Table: Joint Coordinates, Part 2 of 2**

Joint	GlobalY m	GlobalZ m	GUID
135	22	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
136	21,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
169	23,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
170	23	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
171	22,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
172	22	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
173	21,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
206	23,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
207	23	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
208	22,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
209	22	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
210	21,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
243	23,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
244	23	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
245	22,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
246	22	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
247	21,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
280	23,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
281	23	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
282	22,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
283	22	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
284	21,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
317	23,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
318	23	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
319	22,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
320	22	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
321	21,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
354	23,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
355	23	0	a0f20613-4c08-4252-89f5-91dc8e820bdd

AUTOSTRADA VALDASTICO A31 NORD  
1° LOTTO – Piovene Rocchette – Valle dell’Astico

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**Table: Joint Coordinates, Part 2 of 2**

Joint	GlobalY m	GlobalZ m	GUID
356	22,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
357	22	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
358	21,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
391	24	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
393	24	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
395	24	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
397	24	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
399	24	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
401	24	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
403	24	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
405	24	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
407	23,25	0	39a9e932-cbf3-441c-8ba7-b5c41cdc37a9
408	23,25	0	39a9e932-cbf3-441c-8ba7-b5c41cdc37a9
409	23,25	0	39a9e932-cbf3-441c-8ba7-b5c41cdc37a9
410	23,25	0	39a9e932-cbf3-441c-8ba7-b5c41cdc37a9
411	23,25	0	39a9e932-cbf3-441c-8ba7-b5c41cdc37a9
412	23,25	0	39a9e932-cbf3-441c-8ba7-b5c41cdc37a9
413	23,25	0	39a9e932-cbf3-441c-8ba7-b5c41cdc37a9
414	23,25	0	39a9e932-cbf3-441c-8ba7-b5c41cdc37a9
415	24	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
417	24	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
419	24	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
421	24	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
423	24	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
425	24	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
427	24	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
429	24	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
431	24	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
433	24	0	a0f20613-4c08-4252-89f5-91dc8e820bdd

AUTOSTRADA VALDASTICO A31 NORD  
1° LOTTO – Piovone Rocchette – Valle dell’Astico

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**Table: Joint Coordinates, Part 2 of 2**

Joint	GlobalY m	GlobalZ m	GUID
435	24	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
437	24	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
439	24	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
441	24	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
443	24	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
445	24	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
447	24	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
449	24	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
451	24	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
453	24	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
455	24	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
457	24	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
459	24	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
461	24	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
463	23,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
464	23,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
465	23,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
466	23,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
467	23,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
468	23,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
469	23,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
470	23,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
471	23,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
472	23,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
473	23,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
474	23,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
475	23,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
476	23,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
477	23,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd

AUTOSTRADA VALDASTICO A31 NORD  
1° LOTTO – Piovene Rocchette – Valle dell’Astico

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**Table: Joint Coordinates, Part 2 of 2**

Joint	GlobalY m	GlobalZ m	GUID
478	23,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
479	23,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
480	23,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
481	23,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
482	23,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
483	23,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
484	23,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
485	23,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
486	23,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
487	23,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
488	23,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
489	23,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
490	23,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
491	23,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
492	23,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
493	23,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
494	23,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
495	23	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
496	23	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
497	23	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
498	23	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
499	23	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
500	23	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
501	23	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
502	23	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
503	23	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
504	23	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
505	23	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
506	23	0	a0f20613-4c08-4252-89f5-91dc8e820bdd



AUTOSTRADA VALDASTICO A31 NORD  
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**Table: Joint Coordinates, Part 2 of 2**

Joint	GlobalY m	GlobalZ m	GUID
507	23	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
508	23	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
509	23	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
510	23	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
511	23	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
512	23	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
513	23	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
514	23	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
515	23	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
516	23	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
517	23	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
518	23	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
519	23	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
520	23	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
521	23	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
522	23	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
523	23	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
524	23	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
525	23	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
526	23	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
527	22,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
528	22,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
529	22,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
530	22,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
531	22,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
532	22,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
533	22,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
534	22,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
535	22,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd

AUTOSTRADA VALDASTICO A31 NORD  
1° LOTTO – Piovene Rocchette – Valle dell’Astico

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**Table: Joint Coordinates, Part 2 of 2**

Joint	GlobalY m	GlobalZ m	GUID
536	22,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
537	22,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
538	22,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
539	22,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
540	22,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
541	22,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
542	22,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
543	22,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
544	22,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
545	22,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
546	22,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
547	22,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
548	22,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
549	22,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
550	22,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
551	22,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
552	22,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
553	22,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
554	22,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
555	22,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
556	22,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
557	22,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
558	22,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
559	22	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
560	22	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
561	22	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
562	22	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
563	22	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
564	22	0	a0f20613-4c08-4252-89f5-91dc8e820bdd

AUTOSTRADA VALDASTICO A31 NORD  
1° LOTTO – Piovone Rocchette – Valle dell’Astico

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**Table: Joint Coordinates, Part 2 of 2**

Joint	GlobalY m	GlobalZ m	GUID
565	22	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
566	22	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
567	22	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
568	22	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
569	22	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
570	22	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
571	22	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
572	22	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
573	22	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
574	22	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
575	22	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
576	22	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
577	22	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
578	22	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
579	22	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
580	22	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
581	22	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
582	22	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
583	22	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
584	22	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
585	22	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
586	22	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
587	22	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
588	22	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
589	22	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
590	22	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
591	21,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
592	21,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
593	21,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd

AUTOSTRADA VALDASTICO A31 NORD  
1° LOTTO – Piovene Rocchette – Valle dell’Astico

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**Table: Joint Coordinates, Part 2 of 2**

Joint	GlobalY m	GlobalZ m	GUID
594	21,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
595	21,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
596	21,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
597	21,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
598	21,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
599	21,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
600	21,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
601	21,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
602	21,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
603	21,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
604	21,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
605	21,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
606	21,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
607	21,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
608	21,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
609	21,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
610	21,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
611	21,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
612	21,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
613	21,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
614	21,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
615	21,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
616	21,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
617	21,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
618	21,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
619	21,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
620	21,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
621	21,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd
622	21,5	0	a0f20613-4c08-4252-89f5-91dc8e820bdd

AUTOSTRADA VALDASTICO A31 NORD  
1° LOTTO – Piovene Rocchette – Valle dell’Astico

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**Table: Joint Coordinates, Part 2 of 2**

Joint	GlobalY m	GlobalZ m	GUID
900	23,25	0	39a9e932-cbf3-441c-8ba7-b5c41cdc37a9
901	23,25	0	39a9e932-cbf3-441c-8ba7-b5c41cdc37a9
902	23,25	0	39a9e932-cbf3-441c-8ba7-b5c41cdc37a9
903	23,25	0	39a9e932-cbf3-441c-8ba7-b5c41cdc37a9
904	23,25	0	39a9e932-cbf3-441c-8ba7-b5c41cdc37a9
905	23,25	0	39a9e932-cbf3-441c-8ba7-b5c41cdc37a9
906	23,25	0	39a9e932-cbf3-441c-8ba7-b5c41cdc37a9
907	23,25	0	39a9e932-cbf3-441c-8ba7-b5c41cdc37a9
908	23,25	0	39a9e932-cbf3-441c-8ba7-b5c41cdc37a9
909	23,25	0	39a9e932-cbf3-441c-8ba7-b5c41cdc37a9
910	23,25	0	39a9e932-cbf3-441c-8ba7-b5c41cdc37a9
911	23,25	0	39a9e932-cbf3-441c-8ba7-b5c41cdc37a9
912	23,25	0	39a9e932-cbf3-441c-8ba7-b5c41cdc37a9
913	23,25	0	39a9e932-cbf3-441c-8ba7-b5c41cdc37a9
924	23,25	0	39a9e932-cbf3-441c-8ba7-b5c41cdc37a9
925	23,25	0	39a9e932-cbf3-441c-8ba7-b5c41cdc37a9
926	23,25	0	39a9e932-cbf3-441c-8ba7-b5c41cdc37a9
927	23,25	0	39a9e932-cbf3-441c-8ba7-b5c41cdc37a9
928	23,25	0	39a9e932-cbf3-441c-8ba7-b5c41cdc37a9
929	23,25	0	39a9e932-cbf3-441c-8ba7-b5c41cdc37a9
930	23,25	0	39a9e932-cbf3-441c-8ba7-b5c41cdc37a9
931	23,25	0	39a9e932-cbf3-441c-8ba7-b5c41cdc37a9
932	23,25	0	39a9e932-cbf3-441c-8ba7-b5c41cdc37a9
933	23,25	0	39a9e932-cbf3-441c-8ba7-b5c41cdc37a9
934	23,25	0	39a9e932-cbf3-441c-8ba7-b5c41cdc37a9
935	23,25	0	39a9e932-cbf3-441c-8ba7-b5c41cdc37a9
936	23,25	0	39a9e932-cbf3-441c-8ba7-b5c41cdc37a9
937	23,25	0	39a9e932-cbf3-441c-8ba7-b5c41cdc37a9
938	23,25	0	39a9e932-cbf3-441c-8ba7-b5c41cdc37a9

AUTOSTRADA VALDASTICO A31 NORD  
1° LOTTO – Piovene Rocchette – Valle dell’Astico

**Table: Joint Coordinates, Part 2 of 2**

Joint	GlobalY m	GlobalZ m	GUID
939	23,25	0	39a9e932-cbf3-441c-8ba7-b5c41cdc37a9
940	23,25	0	39a9e932-cbf3-441c-8ba7-b5c41cdc37a9
941	23,25	0	39a9e932-cbf3-441c-8ba7-b5c41cdc37a9
942	23,25	0	39a9e932-cbf3-441c-8ba7-b5c41cdc37a9
943	23,25	0	39a9e932-cbf3-441c-8ba7-b5c41cdc37a9
944	23,25	0	39a9e932-cbf3-441c-8ba7-b5c41cdc37a9
2817	21,5	0	7c609a58-a34c-4bf0-b5eb-9d857ac4e718
2818	22	0	7c609a58-a34c-4bf0-b5eb-9d857ac4e718
2819	22,5	0	7c609a58-a34c-4bf0-b5eb-9d857ac4e718
2820	23	0	7c609a58-a34c-4bf0-b5eb-9d857ac4e718
2821	23,5	0	7c609a58-a34c-4bf0-b5eb-9d857ac4e718
2822	24	0	7c609a58-a34c-4bf0-b5eb-9d857ac4e718

**Table: Joint Loads - Force, Part 1 of 2**

**Table: Joint Loads - Force, Part 1 of 2**

Joint	LoadPat	CoordSys	F1 KN	F2 KN	F3 KN	M1 KN-m	M2 KN-m
1	G2-RETE	GLOBAL	0	0	-0,5	0	0
3	G2-GUARDRAIL	GLOBAL	0	0	-0,75	0	0
5	G2-GUARDRAIL	GLOBAL	0	0	-0,75	0	0
7	G2-RETE	GLOBAL	0	0	-0,5	0	0
21	G2-RETE	GLOBAL	0	0	-0,5	0	0
22	G2-RETE	GLOBAL	0	0	-0,5	0	0
23	G2-RETE	GLOBAL	0	0	-0,5	0	0
24	G2-RETE	GLOBAL	0	0	-0,5	0	0
25	G2-RETE	GLOBAL	0	0	-0,5	0	0
26	G2-RETE	GLOBAL	0	0	-0,5	0	0
27	G2-RETE	GLOBAL	0	0	-0,5	0	0
28	G2-RETE	GLOBAL	0	0	-0,5	0	0
29	G2-RETE	GLOBAL	0	0	-0,5	0	0
30	G2-RETE	GLOBAL	0	0	-0,5	0	0
95	G2-GUARDRAIL	GLOBAL	0	0	-0,75	0	0
96	G2-GUARDRAIL	GLOBAL	0	0	-0,75	0	0
97	G2-GUARDRAIL	GLOBAL	0	0	-0,75	0	0
98	G2-GUARDRAIL	GLOBAL	0	0	-0,75	0	0
99	G2-GUARDRAIL	GLOBAL	0	0	-0,75	0	0
132	G2-GUARDRAIL	GLOBAL	0	0	-0,75	0	0
133	G2-GUARDRAIL	GLOBAL	0	0	-0,75	0	0
134	G2-GUARDRAIL	GLOBAL	0	0	-0,75	0	0
135	G2-GUARDRAIL	GLOBAL	0	0	-0,75	0	0
136	G2-GUARDRAIL	GLOBAL	0	0	-0,75	0	0

AUTOSTRADA VALDASTICO A31 NORD  
1° LOTTO – Piovene Rocchette – Valle dell’Astico

**Table: Joint Loads - Force, Part 1 of 2**

Joint	LoadPat	CoordSys	F1 KN	F2 KN	F3 KN	M1 KN-m	M2 KN-m
2817	G2-GUARDRAIL	GLOBAL	0	0	-0,75	0	0
2818	G2-GUARDRAIL	GLOBAL	0	0	-0,75	0	0
2819	G2-GUARDRAIL	GLOBAL	0	0	-0,75	0	0
2820	G2-GUARDRAIL	GLOBAL	0	0	-0,75	0	0
2821	G2-GUARDRAIL	GLOBAL	0	0	-0,75	0	0
2822	G2-GUARDRAIL	GLOBAL	0	0	-0,75	0	0

**Table: Joint Loads - Force, Part 2 of 2**

Table: Joint Loads - Force, Part 2 of 2

Joint	LoadPat	M3 KN-m	GUID
1	G2-RETE	0	7891dbc2-6b96-4bf0-8fe6-8b50552a6f82
3	G2-GUARDRAIL	0	607ecda7-6898-42d7-a433-5f39cbb2b022
5	G2-GUARDRAIL	0	a1a44bb3-fe17-4b37-bf15-1dc3d1bd7c4d
7	G2-RETE	0	06f8dc76-e182-42dc-b6c0-5f0e043495b2
21	G2-RETE	0	971b7ff7-72bb-4182-8d18-40cdb5f39f41
22	G2-RETE	0	c81c0d58-263e-4bde-916c-bea5621d7fb4
23	G2-RETE	0	1c844b12-08a8-459b-b8b7-0a58b8c0e660
24	G2-RETE	0	8bfadb7a-88b5-4590-9249-3d2f829010e5
25	G2-RETE	0	7f1ef862-dcc9-4934-850e-28a6924f4949
26	G2-RETE	0	55688bfa-63ee-40cf-acd6-5850339eb0b6
27	G2-RETE	0	001e5133-7459-47d0-8d36-673fbcc78818
28	G2-RETE	0	d48661b6-e394-4da2-a695-4732e5ac966b
29	G2-RETE	0	338cba93-fb2b-4952-8e32-fc5389ecb935
30	G2-RETE	0	0f3961c7-0b0d-4c44-80bd-adfe35426fac
95	G2-GUARDRAIL	0	f4d8da3d-14e3-43e5-9951-25f2e82f73e1
96	G2-GUARDRAIL	0	102d3c26-c62f-4b22-86f3-c00e8343ecae
97	G2-GUARDRAIL	0	8315d312-55f9-4b74-a2ca-dd8e1a507c68
98	G2-GUARDRAIL	0	c3aa0d7f-7840-4e4a-a869-8d8665daccbb
99	G2-GUARDRAIL	0	04d54cab-8238-4136-b444-bdd77f0b4900
132	G2-GUARDRAIL	0	8966d619-1300-48ae-9d32-f91c887aa9d2
133	G2-GUARDRAIL	0	a57206b5-21ac-4a1c-977f-276d0184c38e
134	G2-GUARDRAIL	0	e20dde4a-180a-413b-8b6f-0f2a7a445117

AUTOSTRADA VALDASTICO A31 NORD  
1° LOTTO – Piovene Rocchette – Valle dell’Astico

**Table: Joint Loads - Force, Part 2 of 2**

Joint	LoadPat	M3 KN-m	GUID
135	G2-GUARDRAIL	0	1920a487-11cb-4d6a-8e30-ac75fbf66f56
136	G2-GUARDRAIL	0	dba4b1b6-ceed-463c-874b-0d8dbf13a1e0
2817	G2-GUARDRAIL	0	121942c5-cac7-406b-a1ae-96bf9e89cbbc
2818	G2-GUARDRAIL	0	af9c894b-c12a-40c7-b013-cb0f35d79d16
2819	G2-GUARDRAIL	0	2cc7a2c8-1443-4fe7-92f8-bbf7a497489b
2820	G2-GUARDRAIL	0	32a37511-a8b6-4f55-a6a8-ff56de63006c
2821	G2-GUARDRAIL	0	11640b7a-50dc-4efa-9d9e-57e939676c65
2822	G2-GUARDRAIL	0	5f775a9d-512a-46e4-b341-92df87755cfb

**Table: Joint Restraint Assignments**

**Table: Joint Restraint Assignments**

Joint	U1	U2	U3	R1	R2	R3
13	Yes	Yes	Yes	No	No	No
15	Yes	Yes	Yes	No	No	No
17	Yes	Yes	Yes	No	No	No
19	Yes	Yes	Yes	No	No	No
243	Yes	Yes	Yes	No	No	No
244	Yes	Yes	Yes	No	No	No
245	Yes	Yes	Yes	No	No	No
246	Yes	Yes	Yes	No	No	No
247	Yes	Yes	Yes	No	No	No
280	Yes	Yes	Yes	No	No	No
281	Yes	Yes	Yes	No	No	No
282	Yes	Yes	Yes	No	No	No
283	Yes	Yes	Yes	No	No	No
284	Yes	Yes	Yes	No	No	No
317	Yes	Yes	Yes	No	No	No
318	Yes	Yes	Yes	No	No	No
319	Yes	Yes	Yes	No	No	No
320	Yes	Yes	Yes	No	No	No
321	Yes	Yes	Yes	No	No	No
354	Yes	Yes	Yes	No	No	No
355	Yes	Yes	Yes	No	No	No
356	Yes	Yes	Yes	No	No	No
357	Yes	Yes	Yes	No	No	No
358	Yes	Yes	Yes	No	No	No



**Table: Load Pattern Definitions**

Table: Load Pattern Definitions					
LoadPat	DesignType	SelfWtMult	AutoLoad	GUID	Notes
G1	Dead	1		982c3812-67a5-4d3b-b098-69c71ad9a2b3	
G2-PAVIM	Super Dead	0		6ace74ac-e178-410c-87b1-f728828180ba	
Q5-FOLLA	Live	0		bc148e3d-ca91-4a50-b886-458df3094460	
G2-GUARDRAIL	Super Dead	0		7fa4400a-5741-449a-92cc-0e8299a5752c	
G2-RETE	Super Dead	0		a3a81943-2bcf-49f8-89fc-97b1eb3d6475	
_Q1k-A	Live	0		694fc25f-9b15-40c3-9a5b-a7cc300743fb	
_Q1k-B	Live	0		69eb69c3-8ccc-4b0a-8756-d928f157001a	
_Q1k-C	Live	0		e96c3591-c1f6-495d-a5a8-7dbcb16df942	
_Q1k-D	Live	0		26076c15-ee0c-4672-8c50-38ec0b8965d1	
_Q1k-E	Live	0		68ae05e7-8b3d-49e8-8433-c18161494cb0	
q1k-A	Live	0		73e73adb-6441-452f-a160-146ee21153e6	
q1k-B	Live	0		cf4ab8e2-9e75-4690-96ba-1e9520ba039f	
q1k-C	Live	0		f369890f-de97-49d7-aca1-ddf0b97e93fb	
q1k-D	Live	0		6a7e5ca1-3447-4db6-a7bf-ed0ed3561606	
q1k-E	Live	0		4cabde6e-2c60-485d-be17-8e3c0e328ec3	

**Table: Material Properties 01 - General, Part 1 of 2**

Table: Material Properties 01 - General, Part 1 of 2					
Material	Type	SymType	TempDepend	Color	GUID
A992Fy50	Steel	Isotropic	No	Cyan	
B450C	Rebar	Uniaxial	No	Green	
C32/40	Concrete	Isotropic	No	Green	

**Table: Material Properties 01 - General, Part 2 of 2**

Table: Material Properties 01 - General, Part 2 of 2	
Material	Notes
A992Fy50	ASTM A992 Grade 50 30/03/2017 10.40.50
B450C	Italy NTC2008 B450C added 21/03/2017 17.18.44
C32/40	Italy UNI EN 206-1:2006 e UNI 11104:2004 C32/40 added 21/03/2017 17.18.37

**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
A992Fy50	76,97286394 22648	7,849047379 95992	199947978,8	76903068,77	0,3	1,169999944 21006E-05
B450C	76,97286394 22648	7,849047379 95992	210000000			1,17E-05
C32/40	24,99261766	2,5485377	33346000	13894166,67	0,2	1E-05

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

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

Material	Fc KN/m2	eFc KN/m2	LtWtConc	SSCurveOpt	SSHysType	SFc	SCap	FinalSlope
C32/40	32000	32000	No	Mander	Takeda	0,001919	0,005	-0,1

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

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

Material	FAngle Degrees	DAngle Degrees
C32/40	0	0

**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
B450C	450000	540000	495000	594000	Simple	Kinematic	0,0225	0,675

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

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

Material	FinalSlope	UseCTDef
B450C	-0,1	No

**Table: Program Control, Part 1 of 2**

Table: Program Control, Part 1 of 2

Program-Name	Version	ProgLevel	LicenseNum	LicenseOS	LicenseSC	LicenseHT	CurrUnits
SAP2000	18.2.0	Ultimate	3010*18X5E S5DWKWSN A8	Yes	Yes	No	KN, m, C

**Table: Program Control, Part 2 of 2**

SteelCode	ConcCode	AlumCode	ColdCode	RegenHinge
AISC 360-10	ACI 318-14	AA-ASD 2000	AISI-ASD96	Yes

**2.3. Output: schema di carico - mezzeria soletta**

**Table: Element Forces - Area Shells**

Table: Element Forces - Area Shells											
Area	ShellType	OutputCase	StepType	F11 KN/m	F22 KN/m	F12 KN/m	M11 KN-m/m	M22 KN-m/m	M12 KN-m/m	V13 KN/m	V23 KN/m
1	Shell-Thin	SLU-ENVE	Max	0	0	0	-0,001	0,1467	0,3173	9,46	-0,91
1	Shell-Thin	SLU-ENVE	Max	0	0	0	-2,8838	-0,4818	0,2796	9,46	-0,25
1	Shell-Thin	SLU-ENVE	Max	0	0	0	-2,9097	-0,3812	0,3057	9,56	-0,25
1	Shell-Thin	SLU-ENVE	Max	0	0	0	0,0044	0,3926	0,3417	9,56	-0,91
1	Shell-Thin	SLU-ENVE	Min	0	0	0	-0,0196	-	0,0982	5,87	-1,1
								13,0515			
1	Shell-Thin	SLU-ENVE	Min	0	0	0	-5,2261	-	0,061	5,87	-0,33
								13,1371			
1	Shell-Thin	SLU-ENVE	Min	0	0	0	-5,2554	-	0,2542	5,93	-0,33
								13,0569			
1	Shell-Thin	SLU-ENVE	Min	0	0	0	-0,0032	-	0,2918	5,93	-1,1
								12,7723			
1	Shell-Thin	SLE-ENVE	Max	0	0	0	-	0,139	0,2128	6,18	-0,6
							0,0006132				
1	Shell-Thin	SLE-ENVE	Max	0	0	0	-2,0534	-0,3119	0,1877	6,18	-0,18
1	Shell-Thin	SLE-ENVE	Max	0	0	0	-2,0707	-0,2446	0,1985	6,24	-0,18
1	Shell-Thin	SLE-ENVE	Max	0	0	0	0,0029	0,3027	0,2226	6,24	-0,6
1	Shell-Thin	SLE-ENVE	Min	0	0	0	-0,011	-7,1953	0,0915	4,18	-0,71
1	Shell-Thin	SLE-ENVE	Min	0	0	0	-3,3553	-7,3442	0,0666	4,18	-0,22
1	Shell-Thin	SLE-ENVE	Min	0	0	0	-3,3744	-7,2882	0,1696	4,22	-0,22
1	Shell-Thin	SLE-ENVE	Min	0	0	0	-0,0014	-7,013	0,1948	4,22	-0,71
2	Shell-Thin	SLU-ENVE	Max	0	0	0	0,0035	0,39	0,5662	9,65	-0,38
2	Shell-Thin	SLU-ENVE	Max	0	0	0	-2,9094	-0,38	0,5287	9,65	-0,26
2	Shell-Thin	SLU-ENVE	Max	0	0	0	-2,9261	-0,3041	0,7454	9,65	-0,26
2	Shell-Thin	SLU-ENVE	Max	0	0	0	0,0029	0,4959	0,7812	9,65	-0,38
2	Shell-Thin	SLU-ENVE	Min	0	0	0	-0,0039	-	0,2468	5,99	-1,52
								12,7758			
2	Shell-Thin	SLU-ENVE	Min	0	0	0	-5,2549	-13,055	0,2246	5,99	-1,44
2	Shell-Thin	SLU-ENVE	Min	0	0	0	-5,2548	-	0,1827	6,03	-1,44
								12,6581			
2	Shell-Thin	SLU-ENVE	Min	0	0	0	-0,0049	-12,359	0,205	6,03	-1,52
2	Shell-Thin	SLE-ENVE	Max	0	0	0	0,0023	0,301	0,3413	6,3	-0,25
2	Shell-Thin	SLE-ENVE	Max	0	0	0	-2,0705	-0,2439	0,3182	6,3	-0,17
2	Shell-Thin	SLE-ENVE	Max	0	0	0	-2,0817	-0,1936	0,4329	6,3	-0,17

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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
2	Shell-Thin	SLE-ENVE	Max	0	0	0	0,0019	0,3712	0,455	6,3	-0,25
2	Shell-Thin	SLE-ENVE	Min	0	0	0	-0,0018	-7,0152	0,1635	4,26	-0,89
2	Shell-Thin	SLE-ENVE	Min	0	0	0	-3,3741	-7,2871	0,1487	4,26	-0,83
2	Shell-Thin	SLE-ENVE	Min	0	0	0	-3,376	-7,0585	0,1197	4,28	-0,83
2	Shell-Thin	SLE-ENVE	Min	0	0	0	-0,0024	-6,7723	0,1345	4,28	-0,89
3	Shell-Thin	SLU-ENVE	Max	0	0	0	0,0027	0,4955	0,9889	9,68	-0,13
3	Shell-Thin	SLU-ENVE	Max	0	0	0	-2,9261	-0,3041	0,964	9,68	-0,12
3	Shell-Thin	SLU-ENVE	Max	0	0	0	-2,9272	-0,2704	1,1712	9,58	-0,12
3	Shell-Thin	SLU-ENVE	Max	0	0	0	0,0017	0,5311	1,1963	9,58	-0,13
3	Shell-Thin	SLU-ENVE	Min	0	0	0	-0,0049	-	0,153	6,04	-2,32
								12,3591			
3	Shell-Thin	SLU-ENVE	Min	0	0	0	-5,2545	-	0,1464	6,04	-2,46
								12,6577			
3	Shell-Thin	SLU-ENVE	Min	0	0	0	-5,2069	-	0,1016	6,04	-2,46
								11,9923			
3	Shell-Thin	SLU-ENVE	Min	0	0	0	-0,0049	-	0,1083	6,04	-2,32
								11,7276			
3	Shell-Thin	SLE-ENVE	Max	0	0	0	0,0018	0,371	0,5636	6,32	-0,08305
3	Shell-Thin	SLE-ENVE	Max	0	0	0	-2,0817	-0,1936	0,5492	6,32	-0,07845
3	Shell-Thin	SLE-ENVE	Max	0	0	0	-2,0826	-0,1718	0,6583	6,26	-0,07845
3	Shell-Thin	SLE-ENVE	Max	0	0	0	0,0011	0,3939	0,6728	6,26	-0,08305
3	Shell-Thin	SLE-ENVE	Min	0	0	0	-0,0024	-6,7723	0,0987	4,29	-1,3
3	Shell-Thin	SLE-ENVE	Min	0	0	0	-3,3758	-7,0583	0,0944	4,29	-1,38
3	Shell-Thin	SLE-ENVE	Min	0	0	0	-3,3497	-6,6855	0,0634	4,29	-1,38
3	Shell-Thin	SLE-ENVE	Min	0	0	0	-0,0025	-6,4184	0,0678	4,29	-1,3
4	Shell-Thin	SLU-ENVE	Max	0	0	0	0,0017	0,5311	1,4014	9,61	0,07149
4	Shell-Thin	SLU-ENVE	Max	0	0	0	-2,9272	-0,2704	1,3764	9,61	0,06797
4	Shell-Thin	SLU-ENVE	Max	0	0	0	-2,9232	-0,2901	1,5726	9,47	0,06797
4	Shell-Thin	SLU-ENVE	Max	0	0	0	0,0027	0,5105	1,6013	9,47	0,07149
4	Shell-Thin	SLU-ENVE	Min	0	0	0	-0,0048	-	0,0573	6,04	-3,08
								11,7269			
4	Shell-Thin	SLU-ENVE	Min	0	0	0	-5,2068	-	0,0628	6,04	-3,25
								11,9919			
4	Shell-Thin	SLU-ENVE	Min	0	0	0	-5,1331	-	0,0179	6,03	-3,25
								11,1141			
4	Shell-Thin	SLU-ENVE	Min	0	0	0	-0,0023	-	0,0124	6,03	-3,08
								10,8923			
4	Shell-Thin	SLE-ENVE	Max	0	0	0	0,0011	0,3939	0,7801	6,28	0,05205
4	Shell-Thin	SLE-ENVE	Max	0	0	0	-2,0826	-0,1718	0,767	6,28	0,04958
4	Shell-Thin	SLE-ENVE	Max	0	0	0	-2,0802	-0,1861	0,8699	6,2	0,04958
4	Shell-Thin	SLE-ENVE	Max	0	0	0	0,0018	0,379	0,8851	6,2	0,05205
4	Shell-Thin	SLE-ENVE	Min	0	0	0	-0,0025	-6,418	0,0327	4,29	-1,7
4	Shell-Thin	SLE-ENVE	Min	0	0	0	-3,3497	-6,6853	0,0365	4,29	-1,8
4	Shell-Thin	SLE-ENVE	Min	0	0	0	-3,3085	-6,201	0,0055	4,29	-1,8
4	Shell-Thin	SLE-ENVE	Min	0	0	0	-	-5,9578	0,0017	4,29	-1,7
							0,0009468				
18	Shell-Thin	SLU-ENVE	Max	0	0	0	0,0027	0,5108	1,7945	9,5	0,32
18	Shell-Thin	SLU-ENVE	Max	0	0	0	-2,9231	-0,2901	1,7666	9,5	0,21
18	Shell-Thin	SLU-ENVE	Max	0	0	0	-2,9035	-0,3522	1,9537	9,26	0,21
18	Shell-Thin	SLU-ENVE	Max	0	0	0	0,0032	0,4197	1,9872	9,26	0,32
18	Shell-Thin	SLU-ENVE	Min	0	0	0	-0,002	-10,891	-0,0399	6,02	-3,63
18	Shell-Thin	SLU-ENVE	Min	0	0	0	-5,1332	-	-0,0188	6,02	-3,96
								11,1139			

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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
18	Shell-Thin	SLU-ENVE	Min	0	0	0	-5,0143	-	-0,0611	5,98	-3,96
								10,0533			
18	Shell-Thin	SLU-ENVE	Min	0	0	0	0,0017	-9,9147	-0,0822	5,98	-3,63
18	Shell-Thin	SLE-ENVE	Max	0	0	0	0,0018	0,3793	0,9857	6,21	0,22
18	Shell-Thin	SLE-ENVE	Max	0	0	0	-2,0802	-0,1861	0,9726	6,21	0,14
18	Shell-Thin	SLE-ENVE	Max	0	0	0	-2,0673	-0,2289	1,0709	6,08	0,14
18	Shell-Thin	SLE-ENVE	Max	0	0	0	0,0021	0,317	1,0871	6,08	0,22
18	Shell-Thin	SLE-ENVE	Min	0	0	0	-	-5,9571	-0,0342	4,28	-1,97
							0,0008003				
18	Shell-Thin	SLE-ENVE	Min	0	0	0	-3,3086	-6,2009	-0,02	4,28	-2,17
18	Shell-Thin	SLE-ENVE	Min	0	0	0	-3,2407	-5,62	-0,0493	4,26	-2,17
18	Shell-Thin	SLE-ENVE	Min	0	0	0	0,0013	-5,4264	-0,0635	4,26	-1,97
174	Shell-Thin	SLU-ENVE	Max	0	0	0	-	-0,3651	0,2518	8,85	3,29
							0,0005205				
174	Shell-Thin	SLU-ENVE	Max	0	0	0	-2,8195	-0,8488	0,236	8,85	3,47
174	Shell-Thin	SLU-ENVE	Max	0	0	0	-2,8369	-0,7069	0,2695	9,19	3,47
174	Shell-Thin	SLU-ENVE	Max	0	0	0	-0,0015	-0,2205	0,2853	9,19	3,29
174	Shell-Thin	SLU-ENVE	Min	0	0	0	-0,0038	-	-1,8208	5,57	-0,26
								10,6894			
174	Shell-Thin	SLU-ENVE	Min	0	0	0	-4,9259	-	-1,7872	5,57	-0,25
								10,5531			
174	Shell-Thin	SLU-ENVE	Min	0	0	0	-5,1078	-	-1,2935	5,6	-0,25
								12,4179			
174	Shell-Thin	SLU-ENVE	Min	0	0	0	-0,0087	-	-1,3144	5,6	-0,26
								12,4647			
174	Shell-Thin	SLE-ENVE	Max	0	0	0	-	-0,2064	0,1773	5,81	1,79
							0,0003498				
174	Shell-Thin	SLE-ENVE	Max	0	0	0	-2,0112	-0,5602	0,1667	5,81	1,89
174	Shell-Thin	SLE-ENVE	Max	0	0	0	-2,0223	-0,4631	0,1869	6	1,89
174	Shell-Thin	SLE-ENVE	Max	0	0	0	-	-0,1073	0,1975	6	1,79
							0,0009594				
174	Shell-Thin	SLE-ENVE	Min	0	0	0	-0,0021	-5,9443	-0,9746	3,98	-0,18
174	Shell-Thin	SLE-ENVE	Min	0	0	0	-3,1823	-5,9533	-0,9578	3,98	-0,17
174	Shell-Thin	SLE-ENVE	Min	0	0	0	-3,2846	-6,9709	-0,6816	4	-0,17
174	Shell-Thin	SLE-ENVE	Min	0	0	0	-0,005	-6,9116	-0,6915	4	-0,18
175	Shell-Thin	SLU-ENVE	Max	0	0	0	-0,0031	-0,2286	0,325	9,2	0,88
175	Shell-Thin	SLU-ENVE	Max	0	0	0	-2,8365	-0,7045	0,2906	9,2	1,43
175	Shell-Thin	SLU-ENVE	Max	0	0	0	-2,8845	-0,4854	0,2967	9,48	1,43
175	Shell-Thin	SLU-ENVE	Max	0	0	0	0,0069	0,1532	0,331	9,48	0,88
175	Shell-Thin	SLU-ENVE	Min	0	0	0	-0,0119	-	-0,7697	5,65	-0,69
								12,4808			
175	Shell-Thin	SLU-ENVE	Min	0	0	0	-5,1072	-	-0,797	5,65	-0,37
								12,4161			
175	Shell-Thin	SLU-ENVE	Min	0	0	0	-5,2319	-	-0,3005	5,76	-0,37
								13,1674			
175	Shell-Thin	SLU-ENVE	Min	0	0	0	-0,0015	-	-0,2721	5,76	-0,69
								12,9609			
175	Shell-Thin	SLE-ENVE	Max	0	0	0	-0,002	-0,1127	0,2218	6,01	0,41
175	Shell-Thin	SLE-ENVE	Max	0	0	0	-2,022	-0,4615	0,1988	6,01	0,75
175	Shell-Thin	SLE-ENVE	Max	0	0	0	-2,0539	-0,3142	0,2007	6,17	0,75
175	Shell-Thin	SLE-ENVE	Max	0	0	0	0,0039	0,1429	0,2236	6,17	0,41
175	Shell-Thin	SLE-ENVE	Min	0	0	0	-0,0069	-6,9215	-0,3865	4,04	-0,47
175	Shell-Thin	SLE-ENVE	Min	0	0	0	-3,2843	-6,9696	-0,4053	4,04	-0,25
175	Shell-Thin	SLE-ENVE	Min	0	0	0	-3,3585	-7,3613	-0,1308	4,1	-0,25

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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
175	Shell-Thin	SLE-ENVE	Min	0	0	0	-	-7,1447	-0,1114	4,1	-0,47
							0,0008362				
176	Shell-Thin	SLU-ENVE	Max	0	0	0	0,0037	0,4223	2,182	9,23	0,85
176	Shell-Thin	SLU-ENVE	Max	0	0	0	-2,9038	-0,3534	2,1439	9,23	0,28
176	Shell-Thin	SLU-ENVE	Max	0	0	0	-2,875	-0,4407	2,346	8,9	0,28
176	Shell-Thin	SLU-ENVE	Max	0	0	0	-	0,1909	2,3841	8,9	0,85
							0,0009355				
176	Shell-Thin	SLU-ENVE	Min	0	0	0	0,0024	-9,9106	-0,1281	5,92	-3,61
176	Shell-Thin	SLU-ENVE	Min	0	0	0	-5,0147	-	-0,0915	5,92	-4,56
								10,0543			
176	Shell-Thin	SLU-ENVE	Min	0	0	0	-4,8681	-9,3319	-0,1176	5,85	-4,56
176	Shell-Thin	SLU-ENVE	Min	0	0	0	-0,0144	-9,3915	-0,1542	5,85	-3,61
176	Shell-Thin	SLE-ENVE	Max	0	0	0	0,0025	0,3187	1,1892	6,05	0,57
176	Shell-Thin	SLE-ENVE	Max	0	0	0	-2,0675	-0,2297	1,1722	6,05	0,19
176	Shell-Thin	SLE-ENVE	Max	0	0	0	-2,0487	-0,2898	1,2807	5,87	0,19
176	Shell-Thin	SLE-ENVE	Max	0	0	0	-0,00057	0,1628	1,2976	5,87	0,57
176	Shell-Thin	SLE-ENVE	Min	0	0	0	0,0017	-5,4238	-0,0951	4,21	-1,9
176	Shell-Thin	SLE-ENVE	Min	0	0	0	-3,241	-5,6207	-0,0705	4,21	-2,49
176	Shell-Thin	SLE-ENVE	Min	0	0	0	-3,1568	-5,2311	-0,089	4,17	-2,49
176	Shell-Thin	SLE-ENVE	Min	0	0	0	-0,0081	-5,163	-0,1136	4,17	-1,9
200	Shell-Thin	SLU-ENVE	Max	0	0	0	-2,8839	-0,4818	0,2383	19,08	-0,25
200	Shell-Thin	SLU-ENVE	Max	0	0	0	-9,6265	-1,9587	0,2033	19,08	-0,1
200	Shell-Thin	SLU-ENVE	Max	0	0	0	-9,6544	-1,9075	0,2207	19,11	-0,1
200	Shell-Thin	SLU-ENVE	Max	0	0	0	-2,9091	-0,381	0,2633	19,11	-0,25
200	Shell-Thin	SLU-ENVE	Min	0	0	0	-5,2266	-	0,0234	13,47	-0,33
								13,1368			
200	Shell-Thin	SLU-ENVE	Min	0	0	0	-15,1607	-	-0,0236	13,47	-0,14
								14,4713			
200	Shell-Thin	SLU-ENVE	Min	0	0	0	-15,2123	-	0,1857	13,47	-0,14
								14,4272			
200	Shell-Thin	SLU-ENVE	Min	0	0	0	-5,2489	-	0,2206	13,47	-0,33
								13,0557			
200	Shell-Thin	SLE-ENVE	Max	0	0	0	-2,0535	-0,3119	0,16	12,91	-0,18
200	Shell-Thin	SLE-ENVE	Max	0	0	0	-6,9063	-1,3277	0,1366	12,91	-0,07211
200	Shell-Thin	SLE-ENVE	Max	0	0	0	-6,9254	-1,2935	0,1437	12,93	-0,07211
200	Shell-Thin	SLE-ENVE	Max	0	0	0	-2,0703	-0,2446	0,1712	12,93	-0,18
200	Shell-Thin	SLE-ENVE	Min	0	0	0	-3,3556	-7,344	0,0412	9,76	-0,22
200	Shell-Thin	SLE-ENVE	Min	0	0	0	-9,8429	-8,3272	0,0115	9,76	-0,09
200	Shell-Thin	SLE-ENVE	Min	0	0	0	-9,8687	-8,297	0,1238	9,76	-0,09
200	Shell-Thin	SLE-ENVE	Min	0	0	0	-3,3708	-7,2876	0,1472	9,76	-0,22
201	Shell-Thin	SLU-ENVE	Max	0	0	0	-2,9089	-0,3799	0,486	19,11	-0,26
201	Shell-Thin	SLU-ENVE	Max	0	0	0	-9,6543	-1,9071	0,461	19,11	-0,2
201	Shell-Thin	SLU-ENVE	Max	0	0	0	-9,6539	-1,8468	0,6995	18,94	-0,2
201	Shell-Thin	SLU-ENVE	Max	0	0	0	-2,9281	-0,3045	0,7246	18,94	-0,26
201	Shell-Thin	SLU-ENVE	Min	0	0	0	-5,2484	-	0,1907	13,5	-1,48
								13,0538			
201	Shell-Thin	SLU-ENVE	Min	0	0	0	-15,2122	-14,426	0,1713	13,5	-1,69
201	Shell-Thin	SLU-ENVE	Min	0	0	0	-15,1694	-	0,1465	13,46	-1,69
								13,9787			
201	Shell-Thin	SLU-ENVE	Min	0	0	0	-5,258	-	0,1659	13,46	-1,48
								12,6584			
201	Shell-Thin	SLE-ENVE	Max	0	0	0	-2,0701	-0,2438	0,2909	12,94	-0,17
201	Shell-Thin	SLE-ENVE	Max	0	0	0	-6,9253	-1,2933	0,2748	12,94	-0,13
201	Shell-Thin	SLE-ENVE	Max	0	0	0	-6,9255	-1,2531	0,4034	12,84	-0,13

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**Table: Element Forces - Area Shells**

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
201	Shell-Thin	SLE-ENVE	Max	0	0	0	-2,0831	-0,1939	0,4195	12,84	-0,17
201	Shell-Thin	SLE-ENVE	Min	0	0	0	-3,3705	-7,2864	0,1261	9,78	-0,85
201	Shell-Thin	SLE-ENVE	Min	0	0	0	-9,8686	-8,2962	0,1131	9,78	-0,96
201	Shell-Thin	SLE-ENVE	Min	0	0	0	-9,8326	-8,041	0,0954	9,76	-0,96
201	Shell-Thin	SLE-ENVE	Min	0	0	0	-3,378	-7,0587	0,1084	9,76	-0,85
406	Shell-Thin	SLU-ENVE	Max	0	0	0	-2,82	-0,8489	0,2242	18,43	3,61
406	Shell-Thin	SLU-ENVE	Max	0	0	0	-9,5396	-2,1988	0,2026	18,43	4,22
406	Shell-Thin	SLU-ENVE	Max	0	0	0	-9,5832	-2,0955	0,2221	18,86	4,22
406	Shell-Thin	SLU-ENVE	Max	0	0	0	-2,836	-0,7067	0,2437	18,86	3,61
406	Shell-Thin	SLU-ENVE	Min	0	0	0	-4,9214	-	-1,8144	13,32	-0,24
								10,5524			
406	Shell-Thin	SLU-ENVE	Min	0	0	0	-14,6219	-11,348	-1,8867	13,32	-0,16
406	Shell-Thin	SLU-ENVE	Min	0	0	0	-15,0177	-	-1,4069	13,37	-0,16
								13,5182			
406	Shell-Thin	SLU-ENVE	Min	0	0	0	-5,1011	-12,417	-1,3346	13,37	-0,24
406	Shell-Thin	SLE-ENVE	Max	0	0	0	-2,0116	-0,5603	0,1589	12,21	1,98
406	Shell-Thin	SLE-ENVE	Max	0	0	0	-6,8546	-1,4914	0,1447	12,21	2,32
406	Shell-Thin	SLE-ENVE	Max	0	0	0	-6,8793	-1,4201	0,1555	12,59	2,32
406	Shell-Thin	SLE-ENVE	Max	0	0	0	-2,0217	-0,463	0,1697	12,59	1,98
406	Shell-Thin	SLE-ENVE	Min	0	0	0	-3,1799	-5,9529	-0,9741	9,66	-0,17
406	Shell-Thin	SLE-ENVE	Min	0	0	0	-9,4854	-6,6226	-1,0164	9,66	-0,11
406	Shell-Thin	SLE-ENVE	Min	0	0	0	-9,7232	-7,8143	-0,7494	9,69	-0,11
406	Shell-Thin	SLE-ENVE	Min	0	0	0	-3,2809	-6,9704	-0,7072	9,69	-0,17
407	Shell-Thin	SLU-ENVE	Max	0	0	0	-2,8355	-0,7043	0,2598	18,86	1,48
407	Shell-Thin	SLU-ENVE	Max	0	0	0	-9,5834	-2,0963	0,2261	18,86	1,87
407	Shell-Thin	SLU-ENVE	Max	0	0	0	-9,6265	-1,9587	0,2199	18,95	1,87
407	Shell-Thin	SLU-ENVE	Max	0	0	0	-2,8846	-0,4854	0,2535	18,95	1,48
407	Shell-Thin	SLU-ENVE	Min	0	0	0	-5,1006	-	-0,8471	13,42	-0,37
								12,4152			
407	Shell-Thin	SLU-ENVE	Min	0	0	0	-15,0182	-	-0,8918	13,42	-0,21
								13,5226			
407	Shell-Thin	SLU-ENVE	Min	0	0	0	-15,1601	-	-0,3913	13,41	-0,21
								14,4692			
407	Shell-Thin	SLU-ENVE	Min	0	0	0	-5,2323	-	-0,3466	13,41	-0,37
								13,1671			
407	Shell-Thin	SLE-ENVE	Max	0	0	0	-2,0214	-0,4614	0,1782	12,7	0,78
407	Shell-Thin	SLE-ENVE	Max	0	0	0	-6,8794	-1,4207	0,1558	12,7	1,01
407	Shell-Thin	SLE-ENVE	Max	0	0	0	-6,9063	-1,3277	0,1494	12,84	1,01
407	Shell-Thin	SLE-ENVE	Max	0	0	0	-2,0539	-0,3142	0,1718	12,84	0,78
407	Shell-Thin	SLE-ENVE	Min	0	0	0	-3,2805	-6,9691	-0,4364	9,73	-0,25
407	Shell-Thin	SLE-ENVE	Min	0	0	0	-9,7237	-7,8169	-0,4648	9,73	-0,14
407	Shell-Thin	SLE-ENVE	Min	0	0	0	-9,8426	-8,326	-0,1894	9,72	-0,14
407	Shell-Thin	SLE-ENVE	Min	0	0	0	-3,3588	-7,3611	-0,1611	9,72	-0,25
408	Shell-Thin	SLU-ENVE	Max	0	0	0	-2,9281	-0,3045	0,957	18,93	-0,12
408	Shell-Thin	SLU-ENVE	Max	0	0	0	-9,654	-1,8471	0,9478	18,93	0,02581
408	Shell-Thin	SLU-ENVE	Max	0	0	0	-9,6694	-1,8493	1,1808	19,02	0,02581
408	Shell-Thin	SLU-ENVE	Max	0	0	0	-2,9246	-0,2698	1,1899	19,02	-0,12
408	Shell-Thin	SLU-ENVE	Min	0	0	0	-5,2578	-12,658	0,1335	13,49	-2,53
408	Shell-Thin	SLU-ENVE	Min	0	0	0	-15,1698	-	0,125	13,49	-2,67
								13,9792			
408	Shell-Thin	SLU-ENVE	Min	0	0	0	-15,1512	-	0,0947	13,52	-2,67
								13,2767			
408	Shell-Thin	SLU-ENVE	Min	0	0	0	-5,1932	-	0,1032	13,52	-2,53
								11,9907			

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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
408	Shell-Thin	SLE-ENVE	Max	0	0	0	-2,0831	-0,1939	0,5439	12,83	-0,07811
408	Shell-Thin	SLE-ENVE	Max	0	0	0	-6,9256	-1,2533	0,5378	12,83	0,02102
408	Shell-Thin	SLE-ENVE	Max	0	0	0	-6,9377	-1,2557	0,6627	12,77	0,02102
408	Shell-Thin	SLE-ENVE	Max	0	0	0	-2,0808	-0,1715	0,6688	12,77	-0,07811
408	Shell-Thin	SLE-ENVE	Min	0	0	0	-3,3779	-7,0585	0,0857	9,77	-1,41
408	Shell-Thin	SLE-ENVE	Min	0	0	0	-9,8327	-8,0413	0,0799	9,77	-1,47
408	Shell-Thin	SLE-ENVE	Min	0	0	0	-9,7918	-7,6523	0,0587	9,8	-1,47
408	Shell-Thin	SLE-ENVE	Min	0	0	0	-3,3419	-6,6846	0,0645	9,8	-1,41
467	Shell-Thin	SLU-ENVE	Max	0	0	0	-9,5391	-2,1987	0,1843	29	4,58
467	Shell-Thin	SLU-ENVE	Max	0	0	0	-20,0529	-4,2833	0,1625	29	5,51
467	Shell-Thin	SLU-ENVE	Max	0	0	0	-20,0896	-4,2101	0,1709	29,66	5,51
467	Shell-Thin	SLU-ENVE	Max	0	0	0	-9,5839	-2,0957	0,1927	29,66	4,58
467	Shell-Thin	SLU-ENVE	Min	0	0	0	-14,6152	-	-2,0663	20,99	-0,16
								11,3465			
467	Shell-Thin	SLU-ENVE	Min	0	0	0	-29,7102	-13,017	-2,2259	20,99	-0,12
467	Shell-Thin	SLU-ENVE	Min	0	0	0	-30,4185	-	-1,6009	20,98	-0,12
								15,6356			
467	Shell-Thin	SLU-ENVE	Min	0	0	0	-14,9918	-	-1,4414	20,98	-0,16
								13,5172			
467	Shell-Thin	SLE-ENVE	Max	0	0	0	-6,8543	-1,4913	0,1328	18,83	2,52
467	Shell-Thin	SLE-ENVE	Max	0	0	0	-14,5233	-3,01	0,1188	18,83	3,04
467	Shell-Thin	SLE-ENVE	Max	0	0	0	-14,5392	-2,9519	0,122	19,56	3,04
467	Shell-Thin	SLE-ENVE	Max	0	0	0	-6,8798	-1,4203	0,136	19,56	2,52
467	Shell-Thin	SLE-ENVE	Min	0	0	0	-9,4816	-6,6218	-1,1177	15,33	-0,11
467	Shell-Thin	SLE-ENVE	Min	0	0	0	-19,1126	-7,9152	-1,2082	15,33	-0,08823
467	Shell-Thin	SLE-ENVE	Min	0	0	0	-19,7251	-9,3656	-0,8619	15,31	-0,08823
467	Shell-Thin	SLE-ENVE	Min	0	0	0	-9,7207	-7,8138	-0,7714	15,31	-0,11
468	Shell-Thin	SLU-ENVE	Max	0	0	0	-9,5841	-2,0965	0,1996	29,86	2,04
468	Shell-Thin	SLU-ENVE	Max	0	0	0	-20,0888	-4,2062	0,1697	29,86	2,7
468	Shell-Thin	SLU-ENVE	Max	0	0	0	-20,161	-4,1583	0,1589	29,62	2,7
468	Shell-Thin	SLU-ENVE	Max	0	0	0	-9,6217	-1,9578	0,1887	29,62	2,04
468	Shell-Thin	SLU-ENVE	Min	0	0	0	-14,9924	-	-0,9157	21,01	-0,22
								13,5216			
468	Shell-Thin	SLU-ENVE	Min	0	0	0	-30,426	-	-0,841	21,01	-0,04421
								15,6351			
468	Shell-Thin	SLU-ENVE	Min	0	0	0	-30,2548	-	-0,3368	21,08	-0,04421
								16,9099			
468	Shell-Thin	SLU-ENVE	Min	0	0	0	-15,1712	-	-0,404	21,08	-0,22
								14,4655			
468	Shell-Thin	SLE-ENVE	Max	0	0	0	-6,88	-1,4208	0,1383	19,69	1,11
468	Shell-Thin	SLE-ENVE	Max	0	0	0	-14,5387	-2,9492	0,1185	19,69	1,5
468	Shell-Thin	SLE-ENVE	Max	0	0	0	-14,5848	-2,9136	0,1088	20,18	1,5
468	Shell-Thin	SLE-ENVE	Max	0	0	0	-6,9031	-1,327	0,1286	20,18	1,11
468	Shell-Thin	SLE-ENVE	Min	0	0	0	-9,7212	-7,8164	-0,4806	15,34	-0,15
468	Shell-Thin	SLE-ENVE	Min	0	0	0	-19,7249	-9,3648	-0,4426	15,34	-0,03155
468	Shell-Thin	SLE-ENVE	Min	0	0	0	-20,078	-	-0,1659	15,38	-0,03155
								10,0663			
468	Shell-Thin	SLE-ENVE	Min	0	0	0	-9,832	-8,3239	-0,1996	15,38	-0,15
822	Shell-Thin	SLU-ENVE	Max	0	0	0	-20,0489	-4,2825	0,155	38,96	6,24
822	Shell-Thin	SLU-ENVE	Max	0	0	0	-34,4064	-7,0573	0,1522	38,96	8,43
822	Shell-Thin	SLU-ENVE	Max	0	0	0	-34,4054	-7,1717	0,1406	40	8,43
822	Shell-Thin	SLU-ENVE	Max	0	0	0	-20,0944	-4,2111	0,1434	40	6,24
822	Shell-Thin	SLU-ENVE	Min	0	0	0	-29,7006	-13,015	-2,5619	28,72	-0,16



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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
822	Shell-Thin	SLU-ENVE	Min	0	0	0	-50,0373	-	-2,6647	28,72	-3,84
								15,5121			
822	Shell-Thin	SLU-ENVE	Min	0	0	0	-50,1068	-	-1,8105	28,62	-3,84
								18,9429			
822	Shell-Thin	SLU-ENVE	Min	0	0	0	-30,4193	-	-1,6507	28,62	-0,16
								15,6357			
822	Shell-Thin	SLE-ENVE	Max	0	0	0	-14,5205	-3,0095	0,1149	25,83	3,44
822	Shell-Thin	SLE-ENVE	Max	0	0	0	-25,0239	-5,0666	0,1142	25,83	4,71
822	Shell-Thin	SLE-ENVE	Max	0	0	0	-25,0083	-5,1413	0,1034	27,33	4,71
822	Shell-Thin	SLE-ENVE	Max	0	0	0	-14,5428	-2,9526	0,1041	27,33	3,44
822	Shell-Thin	SLE-ENVE	Min	0	0	0	-19,1025	-7,9132	-1,3955	21,03	-0,11
822	Shell-Thin	SLE-ENVE	Min	0	0	0	-32,2939	-9,6506	-1,4517	21,03	-2,13
822	Shell-Thin	SLE-ENVE	Min	0	0	0	-33,6657	-	-0,9807	20,95	-2,13
								11,7374			
822	Shell-Thin	SLE-ENVE	Min	0	0	0	-19,7262	-9,3658	-0,8925	20,95	-0,11
823	Shell-Thin	SLU-ENVE	Max	0	0	0	-20,0936	-4,2071	0,1255	40,01	3,21
823	Shell-Thin	SLU-ENVE	Max	0	0	0	-34,4042	-7,1657	0,0873	40,01	8,8
823	Shell-Thin	SLU-ENVE	Max	0	0	0	-34,445	-6,8078	0,2378	41,76	8,8
823	Shell-Thin	SLU-ENVE	Max	0	0	0	-20,1582	-4,1577	0,138	41,76	3,21
823	Shell-Thin	SLU-ENVE	Min	0	0	0	-30,4267	-	-0,7939	28,57	-0,03079
								15,6352			
823	Shell-Thin	SLU-ENVE	Min	0	0	0	-50,0895	-	-1,0979	28,57	-0,67
								18,8906			
823	Shell-Thin	SLU-ENVE	Min	0	0	0	-51,2422	-	-0,6135	28,53	-0,67
								19,6928			
823	Shell-Thin	SLU-ENVE	Min	0	0	0	-30,2573	-	-0,2738	28,53	-0,03079
								16,9027			
823	Shell-Thin	SLE-ENVE	Max	0	0	0	-14,5422	-2,9499	0,0892	27,33	1,78
823	Shell-Thin	SLE-ENVE	Max	0	0	0	-25,0075	-5,1368	0,0638	27,33	4,84
823	Shell-Thin	SLE-ENVE	Max	0	0	0	-25,0303	-4,8819	0,1502	28,3	4,84
823	Shell-Thin	SLE-ENVE	Max	0	0	0	-14,583	-2,9132	0,0948	28,3	1,78
823	Shell-Thin	SLE-ENVE	Min	0	0	0	-19,726	-9,365	-0,4206	20,92	-0,02253
823	Shell-Thin	SLE-ENVE	Min	0	0	0	-33,6597	-	-0,5953	20,92	-0,46
								11,7074			
823	Shell-Thin	SLE-ENVE	Min	0	0	0	-34,4738	-	-0,3273	20,88	-0,46
								12,1038			
823	Shell-Thin	SLE-ENVE	Min	0	0	0	-20,0576	-	-0,1342	20,88	-0,02253
								10,0622			
1083	Shell-Thin	SLU-ENVE	Max	0	0	0	-47,3842	-	3,4723	-37,31	10,49
								15,2111			
1083	Shell-Thin	SLU-ENVE	Max	0	0	0	-28,221	-	2,785	-37,31	8,1
								12,6784			
1083	Shell-Thin	SLU-ENVE	Max	0	0	0	-29,345	-	1,9504	-35,16	8,1
								12,6577			
1083	Shell-Thin	SLU-ENVE	Max	0	0	0	-48,3218	-	2,6377	-35,16	10,49
								13,2943			
1083	Shell-Thin	SLU-ENVE	Min	0	0	0	-53,6712	-	2,0833	-42,36	-3,84
								18,8114			
1083	Shell-Thin	SLU-ENVE	Min	0	0	0	-32,1471	-	1,5964	-42,36	-0,04662
								16,9695			
1083	Shell-Thin	SLU-ENVE	Min	0	0	0	-33,6911	-	1,0902	-45,53	-0,04662
								20,3336			
1083	Shell-Thin	SLU-ENVE	Min	0	0	0	-56,8005	-	1,5771	-45,53	-3,84
								23,3702			
1083	Shell-Thin	SLE-ENVE	Max	0	0	0	-31,4999	-9,2747	1,9009	-24,42	5,85

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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
1083	Shell-Thin	SLE-ENVE	Max	0	0	0	-18,7663	-7,5441	1,52	-24,42	4,48
1083	Shell-Thin	SLE-ENVE	Max	0	0	0	-19,0679	-7,5224	1,06	-22,77	4,48
1083	Shell-Thin	SLE-ENVE	Max	0	0	0	-30,9757	-8,2118	1,441	-22,77	5,85
1083	Shell-Thin	SLE-ENVE	Min	0	0	0	-35,7132	-	1,128	-27,88	-2,13
								11,6513			
1083	Shell-Thin	SLE-ENVE	Min	0	0	0	-21,3132	-	0,8586	-27,88	-0,04598
								10,1193			
1083	Shell-Thin	SLE-ENVE	Min	0	0	0	-22,1724	-	0,5818	-29,86	-0,04598
								11,9767			
1083	Shell-Thin	SLE-ENVE	Min	0	0	0	-37,5626	-	0,8512	-29,86	-2,13
								14,1952			
1084	Shell-Thin	SLU-ENVE	Max	0	0	0	-48,298	-	1,7776	-35,77	8,8
								13,1755			
1084	Shell-Thin	SLU-ENVE	Max	0	0	0	-29,3449	-12,715	1,3699	-35,77	4,06
1084	Shell-Thin	SLU-ENVE	Max	0	0	0	-29,2832	-	0,5699	-37,88	4,06
								13,5576			
1084	Shell-Thin	SLU-ENVE	Max	0	0	0	-48,8277	-17,801	0,9775	-37,88	8,8
1084	Shell-Thin	SLU-ENVE	Min	0	0	0	-56,7896	-	0,3665	-45,55	2,29
								23,3154			
1084	Shell-Thin	SLU-ENVE	Min	0	0	0	-33,6913	-	0,5931	-45,55	1,23
								20,3346			
1084	Shell-Thin	SLU-ENVE	Min	0	0	0	-34,4692	-	-0,0117	-47,09	1,23
								21,9572			
1084	Shell-Thin	SLU-ENVE	Min	0	0	0	-58,5439	-	-0,2383	-47,09	2,29
								24,5707			
1084	Shell-Thin	SLE-ENVE	Max	0	0	0	-30,9624	-8,1456	0,9722	-23,11	4,84
1084	Shell-Thin	SLE-ENVE	Max	0	0	0	-19,0742	-7,5538	0,7418	-23,11	2,25
1084	Shell-Thin	SLE-ENVE	Max	0	0	0	-18,7875	-8,0154	0,2983	-24,27	2,25
1084	Shell-Thin	SLE-ENVE	Max	0	0	0	-31,2576	-	0,5287	-24,27	4,84
								10,6899			
1084	Shell-Thin	SLE-ENVE	Min	0	0	0	-37,5563	-14,164	0,1839	-29,88	1,18
1084	Shell-Thin	SLE-ENVE	Min	0	0	0	-22,1725	-	0,3074	-29,88	0,68
								11,9768			
1084	Shell-Thin	SLE-ENVE	Min	0	0	0	-22,6106	-	-0,0271	-30,96	0,68
								12,8713			
1084	Shell-Thin	SLE-ENVE	Min	0	0	0	-38,5335	-	-0,1506	-30,96	1,18
								14,8169			
1121	Shell-Thin	SLU-ENVE	Max	0	0	0	-28,2383	-	2,3095	-27,24	7,11
								12,6797			
1121	Shell-Thin	SLU-ENVE	Max	0	0	0	-14,2075	-10,964	2,1165	-27,24	6,06
1121	Shell-Thin	SLU-ENVE	Max	0	0	0	-14,6478	-	1,4593	-28,57	6,06
								11,3687			
1121	Shell-Thin	SLU-ENVE	Max	0	0	0	-29,3444	-	1,6523	-28,57	7,11
								12,6567			
1121	Shell-Thin	SLU-ENVE	Min	0	0	0	-32,1705	-	1,285	-31,09	0,27
								16,9742			
1121	Shell-Thin	SLU-ENVE	Min	0	0	0	-16,5119	-	1,1636	-31,09	1,13
								15,5915			
1121	Shell-Thin	SLU-ENVE	Min	0	0	0	-17,1493	-	0,7512	-32,58	1,13
								18,4308			
1121	Shell-Thin	SLU-ENVE	Min	0	0	0	-33,6996	-	0,8727	-32,58	0,27
								20,3353			
1121	Shell-Thin	SLE-ENVE	Max	0	0	0	-18,7701	-7,5449	1,2562	-18,16	3,93
1121	Shell-Thin	SLE-ENVE	Max	0	0	0	-9,3426	-6,3612	1,1472	-18,16	3,34
1121	Shell-Thin	SLE-ENVE	Max	0	0	0	-9,5194	-6,5725	0,783	-18,4	3,34
1121	Shell-Thin	SLE-ENVE	Max	0	0	0	-19,0651	-7,5218	0,892	-18,4	3,93

AUTOSTRADA VALDASTICO A31 NORD  
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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
1121	Shell-Thin	SLE-ENVE	Min	0	0	0	-21,3266	-10,122	0,686	-20,38	0,13
1121	Shell-Thin	SLE-ENVE	Min	0	0	0	-10,7723	-8,9821	0,6166	-20,38	0,6
1121	Shell-Thin	SLE-ENVE	Min	0	0	0	-11,1293	-	0,3889	-21,37	0,6
								10,5454			
1121	Shell-Thin	SLE-ENVE	Min	0	0	0	-22,1765	-	0,4583	-21,37	0,13
								11,9775			
1122	Shell-Thin	SLU-ENVE	Max	0	0	0	-29,3443	-12,714	1,0199	-28,8	3,47
1122	Shell-Thin	SLU-ENVE	Max	0	0	0	-14,6487	-	0,9149	-28,8	2,72
								11,3718			
1122	Shell-Thin	SLU-ENVE	Max	0	0	0	-14,8302	-	0,4035	-27,85	2,72
								11,4393			
1122	Shell-Thin	SLU-ENVE	Max	0	0	0	-29,2687	-	0,4888	-27,85	3,47
								13,5547			
1122	Shell-Thin	SLU-ENVE	Min	0	0	0	-33,6998	-	0,5031	-32,82	1,45
								20,3363			
1122	Shell-Thin	SLU-ENVE	Min	0	0	0	-17,1503	-	0,4253	-32,82	-0,1
								18,4357			
1122	Shell-Thin	SLU-ENVE	Min	0	0	0	-17,4276	-	0,1305	-33,77	-0,1
								19,6889			
1122	Shell-Thin	SLU-ENVE	Min	0	0	0	-34,508	-21,965	0,2083	-33,77	1,45
1122	Shell-Thin	SLE-ENVE	Max	0	0	0	-19,0714	-7,5532	0,5429	-18,54	1,92
1122	Shell-Thin	SLE-ENVE	Max	0	0	0	-9,5198	-6,5743	0,4809	-18,54	1,48
1122	Shell-Thin	SLE-ENVE	Max	0	0	0	-9,6073	-6,5965	0,1993	-17,78	1,48
1122	Shell-Thin	SLE-ENVE	Max	0	0	0	-18,7796	-8,0138	0,251	-17,78	1,92
1122	Shell-Thin	SLE-ENVE	Min	0	0	0	-22,1766	-	0,2557	-21,51	0,8
								11,9776			
1122	Shell-Thin	SLE-ENVE	Min	0	0	0	-11,1299	-	0,2091	-21,51	-0,08096
								10,5482			
1122	Shell-Thin	SLE-ENVE	Min	0	0	0	-11,2873	-	0,0489	-22,11	-0,08096
								11,2278			
1122	Shell-Thin	SLE-ENVE	Min	0	0	0	-22,6325	-	0,0955	-22,11	0,8
								12,8757			
1159	Shell-Thin	SLU-ENVE	Max	0	0	0	-14,215	-	2,0559	-17,86	5,56
								10,9653			
1159	Shell-Thin	SLU-ENVE	Max	0	0	0	-4,8102	-	2,1125	-17,86	4,88
								10,1363			
1159	Shell-Thin	SLU-ENVE	Max	0	0	0	-4,981	-	1,4932	-18,47	4,88
								10,6517			
1159	Shell-Thin	SLU-ENVE	Max	0	0	0	-14,6526	-	1,4365	-18,47	5,56
								11,3758			
1159	Shell-Thin	SLU-ENVE	Min	0	0	0	-16,5226	-	1,145	-19,97	0,97
								15,5936			
1159	Shell-Thin	SLU-ENVE	Min	0	0	0	-5,9188	-	1,2028	-19,97	1,18
								15,0825			
1159	Shell-Thin	SLU-ENVE	Min	0	0	0	-6,0793	-17,58	0,8043	-20,92	1,18
1159	Shell-Thin	SLU-ENVE	Min	0	0	0	-17,1575	-	0,7465	-20,92	0,97
								18,4324			
1159	Shell-Thin	SLE-ENVE	Max	0	0	0	-9,3462	-6,3619	1,1121	-11,92	3,07
1159	Shell-Thin	SLE-ENVE	Max	0	0	0	-3,1181	-5,7211	1,1414	-11,92	2,68
1159	Shell-Thin	SLE-ENVE	Max	0	0	0	-3,2138	-5,9894	0,7967	-12,1	2,68
1159	Shell-Thin	SLE-ENVE	Max	0	0	0	-9,5391	-6,5765	0,7674	-12,1	3,07
1159	Shell-Thin	SLE-ENVE	Min	0	0	0	-10,7783	-8,9833	0,6047	-13,4	0,51
1159	Shell-Thin	SLE-ENVE	Min	0	0	0	-3,7354	-8,4725	0,6346	-13,4	0,62
1159	Shell-Thin	SLE-ENVE	Min	0	0	0	-3,8256	-9,8414	0,4131	-13,93	0,62
1159	Shell-Thin	SLE-ENVE	Min	0	0	0	-11,1337	-	0,3832	-13,93	0,51
								10,5463			

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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
1160	Shell-Thin	SLU-ENVE	Max	0	0	0	-14,6535	-	0,8911	-18,43	2,49
								11,3789			
1160	Shell-Thin	SLU-ENVE	Max	0	0	0	-4,9806	-	0,9021	-18,43	2,08
								10,6489			
1160	Shell-Thin	SLU-ENVE	Max	0	0	0	-5,0583	-	0,3716	-18,33	2,08
								10,6896			
1160	Shell-Thin	SLU-ENVE	Max	0	0	0	-14,8063	-	0,3908	-18,33	2,49
								11,4345			
1160	Shell-Thin	SLU-ENVE	Min	0	0	0	-17,1584	-	0,4194	-21,1	0,2
								18,4373			
1160	Shell-Thin	SLU-ENVE	Min	0	0	0	-6,0789	-	0,431	-21,1	0,17
								17,5779			
1160	Shell-Thin	SLU-ENVE	Min	0	0	0	-6,1856	-	0,1195	-21,47	0,17
								18,6306			
1160	Shell-Thin	SLU-ENVE	Min	0	0	0	-17,4495	-	0,108	-21,47	0,2
								19,6933			
1160	Shell-Thin	SLE-ENVE	Max	0	0	0	-9,5395	-6,5783	0,4644	-12,08	1,36
1160	Shell-Thin	SLE-ENVE	Max	0	0	0	-3,2136	-5,9876	0,4681	-12,08	1,11
1160	Shell-Thin	SLE-ENVE	Max	0	0	0	-3,262	-5,9852	0,1757	-12,02	1,11
1160	Shell-Thin	SLE-ENVE	Max	0	0	0	-9,5944	-6,5939	0,1891	-12,02	1,36
1160	Shell-Thin	SLE-ENVE	Min	0	0	0	-11,1343	-	0,2032	-14,03	0,08794
								10,5491			
1160	Shell-Thin	SLE-ENVE	Min	0	0	0	-3,8253	-9,84	0,2059	-14,03	0,05189
1160	Shell-Thin	SLE-ENVE	Min	0	0	0	-3,8898	-	0,0356	-14,24	0,05189
								10,3992			
1160	Shell-Thin	SLE-ENVE	Min	0	0	0	-11,3	-	0,0329	-14,24	0,08794
								11,2304			
1197	Shell-Thin	SLU-ENVE	Max	0	0	0	-4,8152	-	2,2744	-8,65	4,66
								10,1373			
1197	Shell-Thin	SLU-ENVE	Max	0	0	0	-0,0014	-	2,4439	-8,65	4,49
								10,2776			
1197	Shell-Thin	SLU-ENVE	Max	0	0	0	-0,0058	-10,909	1,7641	-9,02	4,49
1197	Shell-Thin	SLU-ENVE	Max	0	0	0	-4,9855	-	1,5947	-9,02	4,66
								10,6532			
1197	Shell-Thin	SLU-ENVE	Min	0	0	0	-5,9243	-	1,3384	-10,48	1,02
								15,0836			
1197	Shell-Thin	SLU-ENVE	Min	0	0	0	-0,0045	-	1,4697	-10,48	1,25
								15,5575			
1197	Shell-Thin	SLU-ENVE	Min	0	0	0	-0,0113	-	1,0182	-10,79	1,25
								17,9702			
1197	Shell-Thin	SLU-ENVE	Min	0	0	0	-6,0859	-	0,8869	-10,79	1,02
								17,5813			
1197	Shell-Thin	SLE-ENVE	Max	0	0	0	-3,1208	-5,7216	1,2301	-5,69	2,55
1197	Shell-Thin	SLE-ENVE	Max	0	0	0	-	-5,7151	1,3224	-5,69	2,46
							0,0008217				
1197	Shell-Thin	SLE-ENVE	Max	0	0	0	-0,0034	-6,0473	0,9425	-5,9	2,46
1197	Shell-Thin	SLE-ENVE	Max	0	0	0	-3,2165	-5,9903	0,8502	-5,9	2,55
1197	Shell-Thin	SLE-ENVE	Min	0	0	0	-3,7384	-8,4731	0,7087	-6,71	0,53
1197	Shell-Thin	SLE-ENVE	Min	0	0	0	-0,0025	-8,6525	0,7797	-6,71	0,66
1197	Shell-Thin	SLE-ENVE	Min	0	0	0	-0,0065	-9,9737	0,5272	-6,89	0,66
1197	Shell-Thin	SLE-ENVE	Min	0	0	0	-3,8293	-9,8421	0,4561	-6,89	0,53
1198	Shell-Thin	SLU-ENVE	Max	0	0	0	-4,9851	-	0,9867	-9,01	1,99
								10,6503			
1198	Shell-Thin	SLU-ENVE	Max	0	0	0	-0,0059	-	1,0433	-9,01	1,38
								10,9092			

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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
1198	Shell-Thin	SLU-ENVE	Max	0	0	0	0,0069	-	0,4256	-9,3	1,38
								10,7822			
1198	Shell-Thin	SLU-ENVE	Max	0	0	0	-5,0598	-	0,369	-9,3	1,99
								10,6891			
1198	Shell-Thin	SLU-ENVE	Min	0	0	0	-6,0854	-	0,4997	-10,91	0,13
								17,5792			
1198	Shell-Thin	SLU-ENVE	Min	0	0	0	-0,0147	-	0,5378	-10,91	-0,2
								17,9868			
1198	Shell-Thin	SLU-ENVE	Min	0	0	0	-0,0015	-	0,1471	-11,15	-0,2
								18,7355			
1198	Shell-Thin	SLU-ENVE	Min	0	0	0	-6,1885	-	0,1089	-11,15	0,13
								18,6312			
1198	Shell-Thin	SLE-ENVE	Max	0	0	0	-3,2162	-5,9884	0,5117	-5,9	1,06
1198	Shell-Thin	SLE-ENVE	Max	0	0	0	-0,0036	-6,0484	0,5392	-5,9	0,69
1198	Shell-Thin	SLE-ENVE	Max	0	0	0	0,0039	-5,9347	0,197	-6,07	0,69
1198	Shell-Thin	SLE-ENVE	Max	0	0	0	-3,2628	-5,9849	0,1694	-6,07	1,06
1198	Shell-Thin	SLE-ENVE	Min	0	0	0	-3,8291	-9,8407	0,2406	-6,96	0,03236
1198	Shell-Thin	SLE-ENVE	Min	0	0	0	-0,0085	-9,9838	0,2579	-6,96	-0,19
1198	Shell-Thin	SLE-ENVE	Min	0	0	0	-	-	0,0421	-7,1	-0,19
							0,0008124	10,3562			
1198	Shell-Thin	SLE-ENVE	Min	0	0	0	-3,8914	-	0,0248	-7,1	0,03236
								10,3995			
1235	Shell-Thin	SLU-ENVE	Max	0	0	0	-34,4225	-6,9421	0,039	76,08	6,41
1235	Shell-Thin	SLU-ENVE	Max	0	0	0	-53,5833	-	0,0109	76,08	7,21
								10,7268			
1235	Shell-Thin	SLU-ENVE	Max	0	0	0	-53,8175	-	0,0482	88,41	7,21
								10,7072			
1235	Shell-Thin	SLU-ENVE	Max	0	0	0	-34,3535	-6,9657	0,0762	88,41	6,41
1235	Shell-Thin	SLU-ENVE	Min	0	0	0	-50,0511	-	-1,5389	38,24	0,09602
								11,8098			
1235	Shell-Thin	SLU-ENVE	Min	0	0	0	-87,7876	-	-3,2296	38,24	0,004622
								18,4063			
1235	Shell-Thin	SLU-ENVE	Min	0	0	0	-92,9121	-	-2,6589	38,85	0,004622
								18,4762			
1235	Shell-Thin	SLU-ENVE	Min	0	0	0	-50,0115	-	-0,9682	38,85	0,09602
								12,8585			
1235	Shell-Thin	SLE-ENVE	Max	0	0	0	-25,0355	-5,0273	0,0313	46,28	3,57
1235	Shell-Thin	SLE-ENVE	Max	0	0	0	-38,9911	-7,7977	0,0139	46,28	4
1235	Shell-Thin	SLE-ENVE	Max	0	0	0	-39,1372	-7,7788	0,0379	53,16	4
1235	Shell-Thin	SLE-ENVE	Max	0	0	0	-24,9715	-5,0399	0,0553	53,16	3,57
1235	Shell-Thin	SLE-ENVE	Min	0	0	0	-32,3073	-7,5049	-0,8454	27,86	0,05992
1235	Shell-Thin	SLE-ENVE	Min	0	0	0	-54,912	-	-1,7864	27,86	-0,002972
								11,4531			
1235	Shell-Thin	SLE-ENVE	Min	0	0	0	-57,7695	-	-1,4658	28,28	-0,002972
								11,4902			
1235	Shell-Thin	SLE-ENVE	Min	0	0	0	-33,555	-8,347	-0,5248	28,28	0,05992
1236	Shell-Thin	SLU-ENVE	Max	0	0	0	-34,3531	-6,9638	0,0523	89,6	4,75
1236	Shell-Thin	SLU-ENVE	Max	0	0	0	-53,838	-	0,0979	89,6	10,12
								10,8098			
1236	Shell-Thin	SLU-ENVE	Max	0	0	0	-53,4802	-	-0,0132	95,12	10,12
								11,2026			
1236	Shell-Thin	SLU-ENVE	Max	0	0	0	-34,5816	-6,8898	-0,0588	95,12	4,75
1236	Shell-Thin	SLU-ENVE	Min	0	0	0	-50,0058	-	-0,9112	39,17	-0,25
								12,8414			
1236	Shell-Thin	SLU-ENVE	Min	0	0	0	-92,9814	-	-1,5756	39,17	0,71
								18,8231			

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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
1236	Shell-Thin	SLU-ENVE	Min	0	0	0	-96,6673	-23,173	-1,1892	38	0,71
1236	Shell-Thin	SLU-ENVE	Min	0	0	0	-51,5127	-	-0,5247	38	-0,25
								13,3901			
1236	Shell-Thin	SLE-ENVE	Max	0	0	0	-24,9712	-5,0385	0,0378	53,84	2,62
1236	Shell-Thin	SLE-ENVE	Max	0	0	0	-39,1519	-7,8522	0,0699	53,84	5,66
1236	Shell-Thin	SLE-ENVE	Max	0	0	0	-38,8863	-8,1305	-0,0075	56,85	5,66
1236	Shell-Thin	SLE-ENVE	Max	0	0	0	-25,1279	-4,985	-0,0396	56,85	2,62
1236	Shell-Thin	SLE-ENVE	Min	0	0	0	-33,553	-8,3372	-0,4974	28,52	-0,17
1236	Shell-Thin	SLE-ENVE	Min	0	0	0	-57,8091	-	-0,8593	28,52	0,49
								11,6881			
1236	Shell-Thin	SLE-ENVE	Min	0	0	0	-59,839	-14,125	-0,6611	27,67	0,49
1236	Shell-Thin	SLE-ENVE	Min	0	0	0	-34,6435	-8,6316	-0,2992	27,67	-0,17
1273	Shell-Thin	SLU-ENVE	Max	0	0	0	-53,5682	-	-0,0763	126,71	9,93
								10,7237			
1273	Shell-Thin	SLU-ENVE	Max	0	0	0	-62,419	-	-0,09	126,71	9,5
								12,6144			
1273	Shell-Thin	SLU-ENVE	Max	0	0	0	-62,2053	-12,061	0,0116	167,53	9,5
1273	Shell-Thin	SLU-ENVE	Max	0	0	0	-53,8731	-	0,0253	167,53	9,93
								10,7183			
1273	Shell-Thin	SLU-ENVE	Min	0	0	0	-87,756	-18,4	-5,3407	44,04	0,04651
1273	Shell-Thin	SLU-ENVE	Min	0	0	0	-113,4776	-	-6,5458	44,04	-1,1
								23,0549			
1273	Shell-Thin	SLU-ENVE	Min	0	0	0	-126,9226	-	-5,1268	41,45	-1,1
								23,9429			
1273	Shell-Thin	SLU-ENVE	Min	0	0	0	-93,036	-18,501	-3,9217	41,45	0,04651
1273	Shell-Thin	SLE-ENVE	Max	0	0	0	-38,9801	-7,7955	-0,0438	74,18	5,52
1273	Shell-Thin	SLE-ENVE	Max	0	0	0	-45,4093	-9,1752	-0,0523	74,18	5,22
1273	Shell-Thin	SLE-ENVE	Max	0	0	0	-45,2321	-8,7749	0,015	96,73	5,22
1273	Shell-Thin	SLE-ENVE	Max	0	0	0	-39,1766	-7,7867	0,0234	96,73	5,52
1273	Shell-Thin	SLE-ENVE	Min	0	0	0	-54,8936	-	-2,969	32,01	0,02459
								11,4494			
1273	Shell-Thin	SLE-ENVE	Min	0	0	0	-69,9424	-	-3,6393	32,01	-0,76
								14,1948			
1273	Shell-Thin	SLE-ENVE	Min	0	0	0	-77,4	-	-2,8395	30,14	-0,76
								14,6597			
1273	Shell-Thin	SLE-ENVE	Min	0	0	0	-57,8412	-	-2,1692	30,14	0,02459
								11,5045			
1274	Shell-Thin	SLU-ENVE	Max	0	0	0	-53,8936	-10,821	0,3501	168,98	12,14
1274	Shell-Thin	SLU-ENVE	Max	0	0	0	-62,1489	-	0,3101	168,98	27,62
								11,7789			
1274	Shell-Thin	SLU-ENVE	Max	0	0	0	-63,8627	-	-0,0976	199,36	27,62
								14,7039			
1274	Shell-Thin	SLU-ENVE	Max	0	0	0	-53,3148	-	-0,0576	199,36	12,14
								11,1696			
1274	Shell-Thin	SLU-ENVE	Min	0	0	0	-93,1054	-	-2,1047	42,04	0,9
								18,8479			
1274	Shell-Thin	SLU-ENVE	Min	0	0	0	-126,6941	-	-2,5938	42,04	6,05
								22,8006			
1274	Shell-Thin	SLU-ENVE	Min	0	0	0	-135,7916	-	-2,6563	53,5	6,05
								34,7585			
1274	Shell-Thin	SLU-ENVE	Min	0	0	0	-96,1271	-23,065	-1,9159	53,5	0,9
1274	Shell-Thin	SLE-ENVE	Max	0	0	0	-39,1913	-7,8601	0,2434	97,57	6,79
1274	Shell-Thin	SLE-ENVE	Max	0	0	0	-45,1918	-8,5735	0,2165	97,57	15,65
1274	Shell-Thin	SLE-ENVE	Max	0	0	0	-46,4046	-	-0,0645	115,03	15,65
								10,6604			

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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
1274	Shell-Thin	SLE-ENVE	Max	0	0	0	-38,768	-8,1069	-0,0376	115,03	6,79
1274	Shell-Thin	SLE-ENVE	Min	0	0	0	-57,8807	-	-1,1178	30,56	0,63
								11,7024			
1274	Shell-Thin	SLE-ENVE	Min	0	0	0	-77,2702	-	-1,3944	30,56	4,31
								14,0106			
1274	Shell-Thin	SLE-ENVE	Min	0	0	0	-82,4122	-	-1,4771	38,74	4,31
								20,8035			
1274	Shell-Thin	SLE-ENVE	Min	0	0	0	-59,5303	-	-1,0637	38,74	0,63
								14,0633			
1311	Shell-Thin	SLU-ENVE	Max	0	0	0	-62,4146	-	0,0065	-43,64	9,75
								12,6135			
1311	Shell-Thin	SLU-ENVE	Max	0	0	0	-49,2907	-8,2661	-0,0079	-43,64	7,39
1311	Shell-Thin	SLU-ENVE	Max	0	0	0	-49,5471	-6,2895	-0,0748	-42,13	7,39
1311	Shell-Thin	SLU-ENVE	Max	0	0	0	-62,2191	-	-0,0604	-42,13	9,75
								12,0637			
1311	Shell-Thin	SLU-ENVE	Min	0	0	0	-113,4492	-	-8,2673	-145,68	-1,11
								23,0492			
1311	Shell-Thin	SLU-ENVE	Min	0	0	0	-70,6326	-12,177	-10,1392	-145,68	0,24
1311	Shell-Thin	SLU-ENVE	Min	0	0	0	-76,4076	-	-8,6608	-171,31	0,24
								11,8911			
1311	Shell-Thin	SLU-ENVE	Min	0	0	0	-126,9133	-	-6,5025	-171,31	-1,11
								23,9411			
1311	Shell-Thin	SLE-ENVE	Max	0	0	0	-45,4062	-9,1746	0,0153	-30,67	5,36
1311	Shell-Thin	SLE-ENVE	Max	0	0	0	-36,1754	-6,3851	0,0067	-30,67	4,12
1311	Shell-Thin	SLE-ENVE	Max	0	0	0	-36,3415	-5,2992	-0,0419	-29,57	4,12
1311	Shell-Thin	SLE-ENVE	Max	0	0	0	-45,242	-8,7769	-0,0333	-29,57	5,36
1311	Shell-Thin	SLE-ENVE	Min	0	0	0	-69,9264	-	-4,581	-81,99	-0,77
								14,1916			
1311	Shell-Thin	SLE-ENVE	Min	0	0	0	-45,8184	-8,0796	-5,6259	-81,99	0,16
1311	Shell-Thin	SLE-ENVE	Min	0	0	0	-49,0392	-7,9258	-4,8092	-96,15	0,16
1311	Shell-Thin	SLE-ENVE	Min	0	0	0	-77,3956	-	-3,6125	-96,15	-0,77
								14,6588			
1312	Shell-Thin	SLU-ENVE	Max	0	0	0	-62,1627	-	-0,2559	-42,72	27,2
								11,7816			
1312	Shell-Thin	SLU-ENVE	Max	0	0	0	-49,5696	-6,5349	-0,3166	-42,72	4,85
1312	Shell-Thin	SLU-ENVE	Max	0	0	0	-48,9653	-7,9748	0,0593	-50,26	4,85
1312	Shell-Thin	SLU-ENVE	Max	0	0	0	-63,8196	-	0,12	-50,26	27,2
								14,6953			
1312	Shell-Thin	SLU-ENVE	Min	0	0	0	-126,6848	-	-5,5184	-174,98	6,03
								22,7987			
1312	Shell-Thin	SLU-ENVE	Min	0	0	0	-76,4867	-	-6,5238	-174,98	0,05212
								12,2864			
1312	Shell-Thin	SLU-ENVE	Min	0	0	0	-78,0728	-	-2,6969	-199,42	0,05212
								12,6659			
1312	Shell-Thin	SLU-ENVE	Min	0	0	0	-135,6025	-	-1,6915	-199,42	6,03
								34,7207			
1312	Shell-Thin	SLE-ENVE	Max	0	0	0	-45,2018	-8,5755	-0,1695	-29,99	15,42
1312	Shell-Thin	SLE-ENVE	Max	0	0	0	-36,3575	-5,4515	-0,2104	-29,99	2,7
1312	Shell-Thin	SLE-ENVE	Max	0	0	0	-35,918	-6,2409	0,0436	-35,36	2,7
1312	Shell-Thin	SLE-ENVE	Max	0	0	0	-46,3739	-	0,0845	-35,36	15,42
								10,6542			
1312	Shell-Thin	SLE-ENVE	Min	0	0	0	-77,2658	-	-3,0736	-98,22	4,29
								14,0098			
1312	Shell-Thin	SLE-ENVE	Min	0	0	0	-49,0843	-8,1512	-3,6353	-98,22	0,03312
1312	Shell-Thin	SLE-ENVE	Min	0	0	0	-49,9349	-8,3587	-1,4924	-112,19	0,03312

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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
1312	Shell-Thin	SLE-ENVE	Min	0	0	0	-82,3049	-	-0,9307	-112,19	4,29
								20,7821			
1349	Shell-Thin	SLU-ENVE	Max	0	0	0	-49,307	-8,278	-0,092	-37,39	2,2
1349	Shell-Thin	SLU-ENVE	Max	0	0	0	-7,0228	3,1947	-0,1133	-37,39	0,12
1349	Shell-Thin	SLU-ENVE	Max	0	0	0	-1,5261	10,5238	-0,105	-37,82	0,12
1349	Shell-Thin	SLU-ENVE	Max	0	0	0	-49,4872	-6,2864	-0,0838	-37,82	2,2
1349	Shell-Thin	SLU-ENVE	Min	0	0	0	-70,6889	-	-12,549	-116,59	-4,81
								12,1883			
1349	Shell-Thin	SLU-ENVE	Min	0	0	0	-35,4108	-7,005	-13,9828	-116,59	-15,48
1349	Shell-Thin	SLU-ENVE	Min	0	0	0	-35,3666	-7,0431	-11,4851	-127,07	-15,48
1349	Shell-Thin	SLU-ENVE	Min	0	0	0	-76,2153	-	-10,0513	-127,07	-4,81
								11,8526			
1349	Shell-Thin	SLE-ENVE	Max	0	0	0	-36,1871	-6,3922	-0,0491	-26,2	1,24
1349	Shell-Thin	SLE-ENVE	Max	0	0	0	-10,4422	0,5737	-0,0623	-26,2	0,08078
1349	Shell-Thin	SLE-ENVE	Max	0	0	0	-7,3806	4,5306	-0,0602	-26,49	0,08078
1349	Shell-Thin	SLE-ENVE	Max	0	0	0	-36,2987	-5,2958	-0,0469	-26,49	1,24
1349	Shell-Thin	SLE-ENVE	Min	0	0	0	-45,8505	-8,086	-6,9687	-66,11	-2,65
1349	Shell-Thin	SLE-ENVE	Min	0	0	0	-23,0894	-4,5768	-7,7664	-66,11	-8,59
1349	Shell-Thin	SLE-ENVE	Min	0	0	0	-23,0575	-4,6038	-6,38	-71,95	-8,59
1349	Shell-Thin	SLE-ENVE	Min	0	0	0	-48,9293	-7,9039	-5,5823	-71,95	-2,65
1350	Shell-Thin	SLU-ENVE	Max	0	0	0	-49,5096	-6,5318	-0,0732	-38,04	3,08
1350	Shell-Thin	SLU-ENVE	Max	0	0	0	-1,5146	10,5818	-0,0358	-38,04	4,05
1350	Shell-Thin	SLU-ENVE	Max	0	0	0	-1,6564	9,9404	0,0558	-36,94	4,05
1350	Shell-Thin	SLU-ENVE	Max	0	0	0	-49,1469	-8,0597	0,0184	-36,94	3,08
1350	Shell-Thin	SLU-ENVE	Min	0	0	0	-76,2944	-	-7,2207	-129,85	-0,12
								12,2479			
1350	Shell-Thin	SLU-ENVE	Min	0	0	0	-35,3629	-7,0248	-7,7642	-129,85	-2,38
1350	Shell-Thin	SLU-ENVE	Min	0	0	0	-35,556	-6,9744	-3,9644	-134,95	-2,38
1350	Shell-Thin	SLU-ENVE	Min	0	0	0	-78,7558	-	-3,4209	-134,95	-0,12
								12,8025			
1350	Shell-Thin	SLE-ENVE	Max	0	0	0	-36,3147	-5,4481	-0,0429	-26,64	1,69
1350	Shell-Thin	SLE-ENVE	Max	0	0	0	-7,3737	4,5653	-0,0168	-26,64	2,23
1350	Shell-Thin	SLE-ENVE	Max	0	0	0	-7,4776	4,3389	0,0421	-25,84	2,23
1350	Shell-Thin	SLE-ENVE	Max	0	0	0	-36,0478	-6,2932	0,016	-25,84	1,69
1350	Shell-Thin	SLE-ENVE	Min	0	0	0	-48,9744	-8,1292	-4,0107	-73,51	-0,08652
1350	Shell-Thin	SLE-ENVE	Min	0	0	0	-23,055	-4,5912	-4,3111	-73,51	-1,33
1350	Shell-Thin	SLE-ENVE	Min	0	0	0	-23,1861	-4,5571	-2,1973	-76,28	-1,33
1350	Shell-Thin	SLE-ENVE	Min	0	0	0	-50,3237	-8,4365	-1,8969	-76,28	-0,08652
1387	Shell-Thin	SLU-ENVE	Max	0	0	0	-7,0213	3,195	-0,1245	-30,02	0,09872
1387	Shell-Thin	SLU-ENVE	Max	0	0	0	34,8574	17,3629	-0,1257	-30,02	-0,03846
1387	Shell-Thin	SLU-ENVE	Max	0	0	0	41,9035	29,5148	-0,0871	-30,04	-0,03846
1387	Shell-Thin	SLU-ENVE	Max	0	0	0	-1,6439	10,5003	-0,086	-30,04	0,09872
1387	Shell-Thin	SLU-ENVE	Min	0	0	0	-35,3998	-7,0028	-14,7247	-105,43	-17,44
1387	Shell-Thin	SLU-ENVE	Min	0	0	0	-19,984	-3,8612	-14,0682	-105,43	-25,62
1387	Shell-Thin	SLU-ENVE	Min	0	0	0	-19,9887	-3,8408	-11,1105	-120,48	-25,62
1387	Shell-Thin	SLU-ENVE	Min	0	0	0	-35,4062	-7,051	-11,767	-120,48	-17,44
1387	Shell-Thin	SLE-ENVE	Max	0	0	0	-10,4399	0,5723	-0,0691	-20,91	0,06857
1387	Shell-Thin	SLE-ENVE	Max	0	0	0	14,3039	8,6315	-0,0695	-20,91	-0,02215
1387	Shell-Thin	SLE-ENVE	Max	0	0	0	18,217	15,3822	-0,047	-20,9	-0,02215
1387	Shell-Thin	SLE-ENVE	Max	0	0	0	-7,4513	4,5165	-0,0465	-20,9	0,06857
1387	Shell-Thin	SLE-ENVE	Min	0	0	0	-23,0819	-4,5753	-8,1793	-60,27	-9,67
1387	Shell-Thin	SLE-ENVE	Min	0	0	0	-12,6513	-2,458	-7,8149	-60,27	-14,23
1387	Shell-Thin	SLE-ENVE	Min	0	0	0	-12,6553	-2,4464	-6,1715	-68,63	-14,23



AUTOSTRADA VALDASTICO A31 NORD  
1° LOTTO – Piovone Rocchette – Valle dell’Astico

Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
1387	Shell-Thin	SLE-ENVE	Min	0	0	0	-23,0845	-4,6092	-6,5359	-68,63	-9,67
1388	Shell-Thin	SLU-ENVE	Max	0	0	0	-1,6323	10,5582	-0,0363	-30,02	3,06
1388	Shell-Thin	SLU-ENVE	Max	0	0	0	41,8948	29,471	-0,0498	-30,02	0,005925
1388	Shell-Thin	SLU-ENVE	Max	0	0	0	44,2062	30,3404	-0,0217	-30,1	0,005925
1388	Shell-Thin	SLU-ENVE	Max	0	0	0	-1,4689	9,9939	-0,0082	-30,1	3,06
1388	Shell-Thin	SLU-ENVE	Min	0	0	0	-35,4025	-7,0327	-7,7999	-122,18	-4,62
1388	Shell-Thin	SLU-ENVE	Min	0	0	0	-19,9893	-3,8439	-7,3156	-122,18	-3,6
1388	Shell-Thin	SLU-ENVE	Min	0	0	0	-19,9944	-3,8333	-3,4838	-125,7	-3,6
1388	Shell-Thin	SLU-ENVE	Min	0	0	0	-35,4441	-6,952	-3,9681	-125,7	-4,62
1388	Shell-Thin	SLE-ENVE	Max	0	0	0	-7,4444	4,5511	-0,0165	-20,88	1,68
1388	Shell-Thin	SLE-ENVE	Max	0	0	0	18,2121	15,3577	-0,0256	-20,88	0,005739
1388	Shell-Thin	SLE-ENVE	Max	0	0	0	19,4952	15,8404	-0,0105	-20,93	0,005739
1388	Shell-Thin	SLE-ENVE	Max	0	0	0	-7,3582	4,3698	-0,0014	-20,93	1,68
1388	Shell-Thin	SLE-ENVE	Min	0	0	0	-23,082	-4,5967	-4,3312	-69,57	-2,57
1388	Shell-Thin	SLE-ENVE	Min	0	0	0	-12,6557	-2,4485	-4,063	-69,57	-2
1388	Shell-Thin	SLE-ENVE	Min	0	0	0	-12,6596	-2,4423	-1,9346	-71,53	-2
1388	Shell-Thin	SLE-ENVE	Min	0	0	0	-23,1096	-4,5418	-2,2028	-71,53	-2,57
1425	Shell-Thin	SLU-ENVE	Max	0	0	0	34,8106	17,3536	-0,1233	-22,54	-0,04622
1425	Shell-Thin	SLU-ENVE	Max	0	0	0	68,7214	27,1742	-0,1215	-22,54	-0,06093
1425	Shell-Thin	SLU-ENVE	Max	0	0	0	81,7202	44,8851	-0,091	-22,59	-0,06093
1425	Shell-Thin	SLU-ENVE	Max	0	0	0	41,7369	29,4815	-0,0928	-22,59	-0,04622
1425	Shell-Thin	SLU-ENVE	Min	0	0	0	-19,986	-3,8616	-11,8172	-72,22	-30,07
1425	Shell-Thin	SLU-ENVE	Min	0	0	0	-8,3105	-1,4552	-9,6409	-72,22	-41,24
1425	Shell-Thin	SLU-ENVE	Min	0	0	0	-8,292	-1,4265	-7,465	-84,32	-41,24
1425	Shell-Thin	SLU-ENVE	Min	0	0	0	-19,9859	-3,8403	-9,6411	-84,32	-30,07
1425	Shell-Thin	SLE-ENVE	Max	0	0	0	14,2778	8,6263	-0,0681	-15,52	-0,02559
1425	Shell-Thin	SLE-ENVE	Max	0	0	0	34,1429	14,2874	-0,0675	-15,52	-0,03244
1425	Shell-Thin	SLE-ENVE	Max	0	0	0	41,3635	24,1262	-0,0504	-15,54	-0,03244
1425	Shell-Thin	SLE-ENVE	Max	0	0	0	18,1246	15,3637	-0,051	-15,54	-0,02559
1425	Shell-Thin	SLE-ENVE	Min	0	0	0	-12,6526	-2,4582	-6,5646	-42,15	-16,7
1425	Shell-Thin	SLE-ENVE	Min	0	0	0	-4,9109	-0,8696	-5,3558	-42,15	-22,91
1425	Shell-Thin	SLE-ENVE	Min	0	0	0	-4,9017	-0,854	-4,1468	-48,9	-22,91
1425	Shell-Thin	SLE-ENVE	Min	0	0	0	-12,6533	-2,4461	-5,3557	-48,9	-16,7
1426	Shell-Thin	SLU-ENVE	Max	0	0	0	41,7281	29,4377	-0,0585	-22,6	-0,01238
1426	Shell-Thin	SLU-ENVE	Max	0	0	0	81,7154	44,8612	-0,0613	-22,6	-0,03087
1426	Shell-Thin	SLU-ENVE	Max	0	0	0	85,062	44,354	-0,0274	-22,65	-0,03087
1426	Shell-Thin	SLU-ENVE	Max	0	0	0	44,144	30,328	-0,0247	-22,65	-0,01238
1426	Shell-Thin	SLU-ENVE	Min	0	0	0	-19,9865	-3,8433	-6,0661	-85,5	-4,97
1426	Shell-Thin	SLU-ENVE	Min	0	0	0	-8,2919	-1,4259	-5,1505	-85,5	-7,79
1426	Shell-Thin	SLU-ENVE	Min	0	0	0	-8,2865	-1,4077	-2,299	-87,36	-7,79
1426	Shell-Thin	SLU-ENVE	Min	0	0	0	-19,9997	-3,8343	-3,2146	-87,36	-4,97
1426	Shell-Thin	SLE-ENVE	Max	0	0	0	18,1197	15,3392	-0,0317	-15,54	-0,005916
1426	Shell-Thin	SLE-ENVE	Max	0	0	0	41,3608	24,113	-0,0338	-15,54	-0,01718
1426	Shell-Thin	SLE-ENVE	Max	0	0	0	43,2193	23,8312	-0,0147	-15,57	-0,01718
1426	Shell-Thin	SLE-ENVE	Max	0	0	0	19,4605	15,8334	-0,0126	-15,57	-0,005916
1426	Shell-Thin	SLE-ENVE	Min	0	0	0	-12,6537	-2,4481	-3,3692	-49,55	-2,76
1426	Shell-Thin	SLE-ENVE	Min	0	0	0	-4,9016	-0,8536	-2,861	-49,55	-4,33
1426	Shell-Thin	SLE-ENVE	Min	0	0	0	-4,8995	-0,8428	-1,2767	-50,59	-4,33
1426	Shell-Thin	SLE-ENVE	Min	0	0	0	-12,6631	-2,443	-1,7848	-50,59	-2,76
1463	Shell-Thin	SLU-ENVE	Max	0	0	0	68,6991	27,1698	-0,1133	-15,13	-0,07819
1463	Shell-Thin	SLU-ENVE	Max	0	0	0	76,2052	29,5534	-0,1029	-15,13	-0,11
1463	Shell-Thin	SLU-ENVE	Max	0	0	0	88,673	47,5182	-0,0405	-14,88	-0,11

AUTOSTRADA VALDASTICO A31 NORD  
1° LOTTO – Piovene Rocchette – Valle dell’Astico

Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
1463	Shell-Thin	SLU-ENVE	Max	0	0	0	81,6773	44,8765	-0,0881	-14,88	-0,07819
1463	Shell-Thin	SLU-ENVE	Min	0	0	0	-8,3109	-1,4553	-6,2561	-36,94	-43,04
1463	Shell-Thin	SLU-ENVE	Min	0	0	0	-0,3453	0,1934	-2,9775	-36,94	-43,56
1463	Shell-Thin	SLU-ENVE	Min	0	0	0	-0,2998	0,2371	-2,0164	-42,19	-43,56
1463	Shell-Thin	SLU-ENVE	Min	0	0	0	-8,2921	-1,4266	-5,286	-42,19	-43,04
1463	Shell-Thin	SLE-ENVE	Max	0	0	0	34,1305	14,2849	-0,0632	-10,17	-0,04213
1463	Shell-Thin	SLE-ENVE	Max	0	0	0	39,5043	15,8498	-0,0578	-10,17	-0,05943
1463	Shell-Thin	SLE-ENVE	Max	0	0	0	46,4301	25,83	-0,0232	-10,2	-0,05943
1463	Shell-Thin	SLE-ENVE	Max	0	0	0	41,3397	24,1215	-0,0492	-10,2	-0,04213
1463	Shell-Thin	SLE-ENVE	Min	0	0	0	-4,9111	-0,8696	-3,4757	-21,21	-23,91
1463	Shell-Thin	SLE-ENVE	Min	0	0	0	0,1598	0,1755	-1,6546	-21,21	-24,2
1463	Shell-Thin	SLE-ENVE	Min	0	0	0	0,1843	0,1998	-1,1204	-24,13	-24,2
1463	Shell-Thin	SLE-ENVE	Min	0	0	0	-4,9017	-0,854	-2,9366	-24,13	-23,91
1464	Shell-Thin	SLU-ENVE	Max	0	0	0	81,6725	44,8526	-0,0576	-15,22	-0,04161
1464	Shell-Thin	SLU-ENVE	Max	0	0	0	88,6625	47,4656	-0,0548	-15,22	-0,04867
1464	Shell-Thin	SLU-ENVE	Max	0	0	0	93,0197	47,837	0,027	-15,25	-0,04867
1464	Shell-Thin	SLU-ENVE	Max	0	0	0	85,0148	44,3446	-0,0304	-15,25	-0,04161
1464	Shell-Thin	SLU-ENVE	Min	0	0	0	-8,292	-1,426	-3,0966	-42,69	-7,96
1464	Shell-Thin	SLU-ENVE	Min	0	0	0	-0,2998	0,2371	-1,5881	-42,69	-5,62
1464	Shell-Thin	SLU-ENVE	Min	0	0	0	-0,2833	0,2586	-0,3641	-44,88	-5,62
1464	Shell-Thin	SLU-ENVE	Min	0	0	0	-8,2874	-1,4079	-1,8725	-44,88	-7,96
1464	Shell-Thin	SLE-ENVE	Max	0	0	0	41,337	24,1083	-0,0321	-10,2	-0,02355
1464	Shell-Thin	SLE-ENVE	Max	0	0	0	46,4242	25,8008	-0,031	-10,2	-0,02703
1464	Shell-Thin	SLE-ENVE	Max	0	0	0	48,8443	26,007	0,0144	-10,22	-0,02703
1464	Shell-Thin	SLE-ENVE	Max	0	0	0	43,193	23,826	-0,0169	-10,22	-0,02355
1464	Shell-Thin	SLE-ENVE	Min	0	0	0	-4,9016	-0,8536	-1,7203	-24,41	-4,42
1464	Shell-Thin	SLE-ENVE	Min	0	0	0	0,1843	0,1997	-0,8825	-24,41	-3,12
1464	Shell-Thin	SLE-ENVE	Min	0	0	0	0,1927	0,2121	-0,2025	-25,63	-3,12
1464	Shell-Thin	SLE-ENVE	Min	0	0	0	-4,9	-0,8429	-1,0402	-25,63	-4,42
1501	Shell-Thin	SLU-ENVE	Max	0	0	0	76,2135	29,5551	3,968	28,57	-0,13
1501	Shell-Thin	SLU-ENVE	Max	0	0	0	71,6981	27,2582	7,2299	28,57	-0,16
1501	Shell-Thin	SLU-ENVE	Max	0	0	0	84,497	44,5751	6,0716	34,09	-0,16
1501	Shell-Thin	SLU-ENVE	Max	0	0	0	88,7266	47,5289	2,8097	34,09	-0,13
1501	Shell-Thin	SLU-ENVE	Min	0	0	0	-0,3457	0,1933	-0,8621	-8,59	-43,31
1501	Shell-Thin	SLU-ENVE	Min	0	0	0	3,9366	1,0824	-0,0885	-8,59	-42,22
1501	Shell-Thin	SLU-ENVE	Min	0	0	0	4,0149	1,1391	-0,0661	-8,79	-42,22
1501	Shell-Thin	SLU-ENVE	Min	0	0	0	-0,3003	0,237	-0,7888	-8,79	-43,31
1501	Shell-Thin	SLE-ENVE	Max	0	0	0	39,5089	15,8507	2,2035	13,68	-0,07206
1501	Shell-Thin	SLE-ENVE	Max	0	0	0	37,4461	14,6641	4,0154	13,68	-0,08655
1501	Shell-Thin	SLE-ENVE	Max	0	0	0	44,556	24,2844	3,372	16,75	-0,08655
1501	Shell-Thin	SLE-ENVE	Max	0	0	0	46,4599	25,8359	1,56	16,75	-0,07206
1501	Shell-Thin	SLE-ENVE	Min	0	0	0	0,1595	0,1754	-0,4795	-5,21	-24,06
1501	Shell-Thin	SLE-ENVE	Min	0	0	0	2,5748	0,6765	-0,0502	-5,21	-23,46
1501	Shell-Thin	SLE-ENVE	Min	0	0	0	2,6177	0,7081	-0,0378	-6,65	-23,46
1501	Shell-Thin	SLE-ENVE	Min	0	0	0	0,1841	0,1997	-0,4387	-6,65	-24,06
1502	Shell-Thin	SLU-ENVE	Max	0	0	0	88,7161	47,4763	2,1499	34,75	-0,05977
1502	Shell-Thin	SLU-ENVE	Max	0	0	0	84,4916	44,548	3,6506	34,75	-0,07507
1502	Shell-Thin	SLU-ENVE	Max	0	0	0	87,7552	43,8454	2,1595	37,07	-0,07507
1502	Shell-Thin	SLU-ENVE	Max	0	0	0	93,0191	47,8368	0,6588	37,07	-0,05977
1502	Shell-Thin	SLU-ENVE	Min	0	0	0	-0,3003	0,237	-0,0645	-8,66	-6,16
1502	Shell-Thin	SLU-ENVE	Min	0	0	0	4,0148	1,1389	-0,0514	-8,66	-4,73
1502	Shell-Thin	SLU-ENVE	Min	0	0	0	4,0485	1,1681	-0,0257	-9,58	-4,73

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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
1502	Shell-Thin	SLU-ENVE	Min	0	0	0	-0,2839	0,2585	-0,0478	-9,58	-6,16
1502	Shell-Thin	SLE-ENVE	Max	0	0	0	46,454	25,8067	1,1935	17,11	-0,03336
1502	Shell-Thin	SLE-ENVE	Max	0	0	0	44,553	24,2694	2,027	17,11	-0,04294
1502	Shell-Thin	SLE-ENVE	Max	0	0	0	46,3658	23,879	1,1987	18,4	-0,04294
1502	Shell-Thin	SLE-ENVE	Max	0	0	0	48,844	26,007	0,3652	18,4	-0,03336
1502	Shell-Thin	SLE-ENVE	Min	0	0	0	0,1841	0,1997	-0,0366	-6,49	-3,42
1502	Shell-Thin	SLE-ENVE	Min	0	0	0	2,6176	0,708	-0,0296	-6,49	-2,63
1502	Shell-Thin	SLE-ENVE	Min	0	0	0	2,636	0,7251	-0,0153	-7,09	-2,63
1502	Shell-Thin	SLE-ENVE	Min	0	0	0	0,1923	0,2121	-0,0267	-7,09	-3,42
1539	Shell-Thin	SLU-ENVE	Max	0	0	0	71,7229	27,2632	10,5698	64,18	-0,19
1539	Shell-Thin	SLU-ENVE	Max	0	0	0	41,9678	18,0192	12,6361	64,18	-0,22
1539	Shell-Thin	SLU-ENVE	Max	0	0	0	48,4301	29,4357	10,2989	76,89	-0,22
1539	Shell-Thin	SLU-ENVE	Max	0	0	0	84,5398	44,5837	8,2213	76,89	-0,19
1539	Shell-Thin	SLU-ENVE	Min	0	0	0	3,9361	1,0823	-0,034	-1,25	-40,28
1539	Shell-Thin	SLU-ENVE	Min	0	0	0	4,5626	1,2008	0,0136	-1,25	-30,89
1539	Shell-Thin	SLU-ENVE	Min	0	0	0	4,691	1,2724	0,0118	-1,35	-30,89
1539	Shell-Thin	SLU-ENVE	Min	0	0	0	4,0137	1,1389	-0,0359	-1,35	-40,28
1539	Shell-Thin	SLE-ENVE	Max	0	0	0	37,4599	14,6669	5,8707	34,82	-0,1
1539	Shell-Thin	SLE-ENVE	Max	0	0	0	21,3465	9,6151	7,0187	34,82	-0,12
1539	Shell-Thin	SLE-ENVE	Max	0	0	0	24,9364	15,9576	5,7204	41,88	-0,12
1539	Shell-Thin	SLE-ENVE	Max	0	0	0	44,5798	24,2892	4,566	41,88	-0,1
1539	Shell-Thin	SLE-ENVE	Min	0	0	0	2,5746	0,6765	-0,0202	0,05467	-22,38
1539	Shell-Thin	SLE-ENVE	Min	0	0	0	2,3488	0,6269	0,0062	0,05467	-17,16
1539	Shell-Thin	SLE-ENVE	Min	0	0	0	2,4208	0,6676	0,005	-	-17,16
										0,02992	
1539	Shell-Thin	SLE-ENVE	Min	0	0	0	2,6169	0,7079	-0,0213	-	-22,38
										0,02992	
1540	Shell-Thin	SLU-ENVE	Max	0	0	0	84,5344	44,5565	5,6763	78,22	-0,08843
1540	Shell-Thin	SLU-ENVE	Max	0	0	0	48,4247	29,4085	6,5536	78,22	2,1
1540	Shell-Thin	SLU-ENVE	Max	0	0	0	50,5571	29,9292	3,4593	80,51	2,1
1540	Shell-Thin	SLU-ENVE	Max	0	0	0	87,8131	43,857	2,582	80,51	-0,08843
1540	Shell-Thin	SLU-ENVE	Min	0	0	0	4,0137	1,1387	-0,0202	-1,35	-3,49
1540	Shell-Thin	SLU-ENVE	Min	0	0	0	4,691	1,2724	-	-1,35	-4,41
									0,0006065		
1540	Shell-Thin	SLU-ENVE	Min	0	0	0	4,7385	1,3022	-0,0018	-1,38	-4,41
1540	Shell-Thin	SLU-ENVE	Min	0	0	0	4,0487	1,1682	-0,0209	-1,38	-3,49
1540	Shell-Thin	SLE-ENVE	Max	0	0	0	44,5768	24,2741	3,1522	42,62	-0,05018
1540	Shell-Thin	SLE-ENVE	Max	0	0	0	24,9333	15,9425	3,6394	42,62	1,17
1540	Shell-Thin	SLE-ENVE	Max	0	0	0	26,1177	16,2317	1,9204	43,89	1,17
1540	Shell-Thin	SLE-ENVE	Max	0	0	0	46,398	23,8855	1,4332	43,89	-0,05018
1540	Shell-Thin	SLE-ENVE	Min	0	0	0	2,6169	0,7078	-0,0125	-0,0313	-1,94
1540	Shell-Thin	SLE-ENVE	Min	0	0	0	2,4208	0,6677	-0,0022	-0,0313	-2,45
1540	Shell-Thin	SLE-ENVE	Min	0	0	0	2,4451	0,684	-0,003	-	-2,45
										0,05388	
1540	Shell-Thin	SLE-ENVE	Min	0	0	0	2,6363	0,7252	-0,013	-	-1,94
										0,05388	
1577	Shell-Thin	SLU-ENVE	Max	0	0	0	42,0172	18,0291	14,7186	98,02	-0,27
1577	Shell-Thin	SLU-ENVE	Max	0	0	0	3,9218	4,5036	15,1237	98,02	-0,2
1577	Shell-Thin	SLU-ENVE	Max	0	0	0	4,2189	8,6593	12,0509	114,41	-0,2
1577	Shell-Thin	SLU-ENVE	Max	0	0	0	48,6036	29,4704	11,6459	114,41	-0,27
1577	Shell-Thin	SLU-ENVE	Min	0	0	0	4,5624	1,2008	0,0765	6,05	-29,53
1577	Shell-Thin	SLU-ENVE	Min	0	0	0	-15,9768	0,2525	0,1399	6,05	-20,73
1577	Shell-Thin	SLU-ENVE	Min	0	0	0	-11,2912	0,5899	0,109	5,9	-20,73

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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
1577	Shell-Thin	SLU-ENVE	Min	0	0	0	4,6895	1,2721	0,0456	5,9	-29,53
1577	Shell-Thin	SLE-ENVE	Max	0	0	0	21,3739	9,6206	8,1755	53,27	-0,15
1577	Shell-Thin	SLE-ENVE	Max	0	0	0	0,6815	2,2262	8,4004	53,27	-0,09501
1577	Shell-Thin	SLE-ENVE	Max	0	0	0	0,8481	4,8567	6,6936	62,37	-0,09501
1577	Shell-Thin	SLE-ENVE	Max	0	0	0	25,0327	15,9769	6,4686	62,37	-0,15
1577	Shell-Thin	SLE-ENVE	Min	0	0	0	2,3489	0,6269	0,0418	5,28	-16,4
1577	Shell-Thin	SLE-ENVE	Min	0	0	0	-8,6503	0,0324	0,0778	5,28	-11,52
1577	Shell-Thin	SLE-ENVE	Min	0	0	0	-6,0476	0,0439	0,0596	5,15	-11,52
1577	Shell-Thin	SLE-ENVE	Min	0	0	0	2,4198	0,6674	0,0236	5,15	-16,4
1578	Shell-Thin	SLU-ENVE	Max	0	0	0	48,5982	29,4432	7,6335	116,16	3,22
1578	Shell-Thin	SLU-ENVE	Max	0	0	0	4,2193	8,7176	7,9494	116,16	6,47
1578	Shell-Thin	SLU-ENVE	Max	0	0	0	4,358	10,0669	3,991	120,26	6,47
1578	Shell-Thin	SLU-ENVE	Max	0	0	0	50,6114	29,9401	3,6751	120,26	3,22
1578	Shell-Thin	SLU-ENVE	Min	0	0	0	4,6895	1,2721	0,0293	5,89	-2,87
1578	Shell-Thin	SLU-ENVE	Min	0	0	0	-11,2796	0,5924	0,053	5,89	-4,25
1578	Shell-Thin	SLU-ENVE	Min	0	0	0	-12,1322	0,7018	0,0278	5,8	-4,25
1578	Shell-Thin	SLU-ENVE	Min	0	0	0	4,7363	1,3018	0,0041	5,8	-2,87
1578	Shell-Thin	SLE-ENVE	Max	0	0	0	25,0297	15,9618	4,2397	63,34	1,79
1578	Shell-Thin	SLE-ENVE	Max	0	0	0	0,8485	4,889	4,4151	63,34	3,6
1578	Shell-Thin	SLE-ENVE	Max	0	0	0	0,9275	5,3172	2,2163	65,62	3,6
1578	Shell-Thin	SLE-ENVE	Max	0	0	0	26,1479	16,2377	2,0409	65,62	1,79
1578	Shell-Thin	SLE-ENVE	Min	0	0	0	2,4199	0,6675	0,0131	5,15	-1,6
1578	Shell-Thin	SLE-ENVE	Min	0	0	0	-6,0411	0,046	0,0255	5,15	-2,36
1578	Shell-Thin	SLE-ENVE	Min	0	0	0	-6,5152	0,1259	0,0123	5,07	-2,36
1578	Shell-Thin	SLE-ENVE	Min	0	0	0	2,4436	0,6837	-6,739E-05	5,07	-1,6
1615	Shell-Thin	SLU-ENVE	Max	0	0	0	3,9134	4,505	13,8482	148,83	-0,27
1615	Shell-Thin	SLU-ENVE	Max	0	0	0	-2,8371	-0,427	11,5992	148,83	6,38
1615	Shell-Thin	SLU-ENVE	Max	0	0	0	-2,4471	-0,2947	9,2278	184,73	6,38
1615	Shell-Thin	SLU-ENVE	Max	0	0	0	4,2369	8,7395	11,4768	184,73	-0,27
1615	Shell-Thin	SLU-ENVE	Min	0	0	0	-15,9747	0,253	0,2315	13,16	-13,06
1615	Shell-Thin	SLU-ENVE	Min	0	0	0	-88,0708	-	0,3206	13,16	-0,54
1615	Shell-Thin	SLU-ENVE	Min	0	0	0	-100,9401	-	0,2714	13,17	-0,54
1615	Shell-Thin	SLU-ENVE	Min	0	0	0	-10,8903	0,5941	0,1824	13,17	-13,06
1615	Shell-Thin	SLE-ENVE	Max	0	0	0	0,6751	2,2269	7,6917	81,55	-0,13
1615	Shell-Thin	SLE-ENVE	Max	0	0	0	-4,4601	-0,8131	6,4422	81,55	3,54
1615	Shell-Thin	SLE-ENVE	Max	0	0	0	-4,2595	-0,7357	5,1252	101,49	3,54
1615	Shell-Thin	SLE-ENVE	Max	0	0	0	0,8636	4,9011	6,3747	101,49	-0,13
1615	Shell-Thin	SLE-ENVE	Min	0	0	0	-8,6488	0,0311	0,128	10,35	-7,26
1615	Shell-Thin	SLE-ENVE	Min	0	0	0	-48,1375	-9,3011	0,1761	10,35	-0,31
1615	Shell-Thin	SLE-ENVE	Min	0	0	0	-55,284	-9,5829	0,153	10,33	-0,31
1615	Shell-Thin	SLE-ENVE	Min	0	0	0	-5,8258	0,0473	0,1049	10,33	-7,26
1616	Shell-Thin	SLU-ENVE	Max	0	0	0	4,2373	8,7978	7,618	187,83	10,01
1616	Shell-Thin	SLU-ENVE	Max	0	0	0	-2,4565	-0,3417	6,865	187,83	12,31
1616	Shell-Thin	SLU-ENVE	Max	0	0	0	-2,0755	-0,4612	3,0386	194,07	12,31
1616	Shell-Thin	SLU-ENVE	Max	0	0	0	4,299	10,0001	3,7916	194,07	10,01
1616	Shell-Thin	SLU-ENVE	Min	0	0	0	-10,8786	0,5966	0,1281	13,34	-1,87
1616	Shell-Thin	SLU-ENVE	Min	0	0	0	-101,0333	-	0,201	13,34	0,05354
1616	Shell-Thin	SLU-ENVE	Min	0	0	0	-105,8581	-	0,0756	12,71	0,05354
								17,9982			
								23,1747			

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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
1616	Shell-Thin	SLU-ENVE	Min	0	0	0	-12,5827	0,689	0,0027	12,71	-1,87
1616	Shell-Thin	SLE-ENVE	Max	0	0	0	0,8639	4,9333	4,2312	103,21	5,57
1616	Shell-Thin	SLE-ENVE	Max	0	0	0	-4,2671	-0,7739	3,8131	103,21	6,82
1616	Shell-Thin	SLE-ENVE	Max	0	0	0	-4,0085	-0,8851	1,6872	106,7	6,82
1616	Shell-Thin	SLE-ENVE	Max	0	0	0	0,8799	5,28	2,1052	106,7	5,57
1616	Shell-Thin	SLE-ENVE	Min	0	0	0	-5,8194	0,0495	0,0721	10,46	-1,06
1616	Shell-Thin	SLE-ENVE	Min	0	0	0	-55,3354	-9,8398	0,1202	10,46	0,1
1616	Shell-Thin	SLE-ENVE	Min	0	0	0	-58,0242	-	0,0372	9,98	0,1
								12,7072			
1616	Shell-Thin	SLE-ENVE	Min	0	0	0	-6,7627	0,1157	-0,0109	9,98	-1,06
1653	Shell-Thin	SLU-ENVE	Max	0	0	0	-2,8255	-0,4247	8,5806	190,86	15,9
1653	Shell-Thin	SLU-ENVE	Max	0	0	0	-6,5281	-1,3652	6,8046	190,86	19,11
1653	Shell-Thin	SLU-ENVE	Max	0	0	0	-5,8416	-0,9977	5,573	239,15	19,11
1653	Shell-Thin	SLU-ENVE	Max	0	0	0	-2,4667	-0,2986	7,4398	239,15	15,9
1653	Shell-Thin	SLU-ENVE	Min	0	0	0	-88,0136	-	0,3882	18,39	-0,65
								17,0144			
1653	Shell-Thin	SLU-ENVE	Min	0	0	0	-125,8074	-	0,4392	18,39	-1,13
								25,6435			
1653	Shell-Thin	SLU-ENVE	Min	0	0	0	-148,635	-27,814	0,3786	16,8	-1,13
1653	Shell-Thin	SLU-ENVE	Min	0	0	0	-101,1837	-	0,3276	16,8	-0,65
								17,5806			
1653	Shell-Thin	SLE-ENVE	Max	0	0	0	-4,4518	-0,8114	4,765	104,64	8,84
1653	Shell-Thin	SLE-ENVE	Max	0	0	0	-7,2472	-1,4979	3,7751	104,64	10,64
1653	Shell-Thin	SLE-ENVE	Max	0	0	0	-6,8275	-1,2261	3,0959	131,53	10,64
1653	Shell-Thin	SLE-ENVE	Max	0	0	0	-4,2769	-0,7392	4,1319	131,53	8,84
1653	Shell-Thin	SLE-ENVE	Min	0	0	0	-48,1061	-9,2948	0,2062	14,09	-0,36
1653	Shell-Thin	SLE-ENVE	Min	0	0	0	-68,8243	-	0,2345	14,09	-0,76
								14,0298			
1653	Shell-Thin	SLE-ENVE	Min	0	0	0	-81,5131	-	0,2119	12,86	-0,76
								15,2481			
1653	Shell-Thin	SLE-ENVE	Min	0	0	0	-55,4181	-9,6097	0,1835	12,86	-0,36
1654	Shell-Thin	SLU-ENVE	Max	0	0	0	-2,4761	-0,3456	6,0702	242,48	16,75
1654	Shell-Thin	SLU-ENVE	Max	0	0	0	-5,817	-0,8746	5,3363	242,48	40,75
1654	Shell-Thin	SLU-ENVE	Max	0	0	0	-6,3104	-2,1213	1,7368	307,67	40,75
1654	Shell-Thin	SLU-ENVE	Max	0	0	0	-1,9971	-0,4455	2,4035	307,67	16,75
1654	Shell-Thin	SLU-ENVE	Min	0	0	0	-101,277	-18,047	0,3816	17,11	0,09371
1654	Shell-Thin	SLU-ENVE	Min	0	0	0	-148,3213	-	0,3887	17,11	2,39
								26,2458			
1654	Shell-Thin	SLU-ENVE	Min	0	0	0	-165,1932	-	-0,3725	22,27	2,39
								43,2195			
1654	Shell-Thin	SLU-ENVE	Min	0	0	0	-105,1106	-	0,0726	22,27	0,09371
								23,0251			
1654	Shell-Thin	SLE-ENVE	Max	0	0	0	-4,2845	-0,7774	3,3727	133,37	9,29
1654	Shell-Thin	SLE-ENVE	Max	0	0	0	-6,8072	-1,1248	2,9648	133,37	22,51
1654	Shell-Thin	SLE-ENVE	Max	0	0	0	-7,2761	-2,1588	0,9588	169,34	22,51
1654	Shell-Thin	SLE-ENVE	Max	0	0	0	-3,9457	-0,8726	1,3342	169,34	9,29
1654	Shell-Thin	SLE-ENVE	Min	0	0	0	-55,4695	-9,8666	0,2516	13,1	0,15
1654	Shell-Thin	SLE-ENVE	Min	0	0	0	-81,3401	-	0,2516	13,1	2,03
								14,3829			
1654	Shell-Thin	SLE-ENVE	Min	0	0	0	-90,6771	-	-0,2054	17,13	2,03
								23,7497			
1654	Shell-Thin	SLE-ENVE	Min	0	0	0	-57,6124	-	0,0314	17,13	0,15
								12,6249			
1691	Shell-Thin	SLU-ENVE	Max	0	0	0	-6,5275	-1,3651	4,497	-20,02	19,1

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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
1691	Shell-Thin	SLU-ENVE	Max	0	0	0	-0,3762	-0,3295	2,7419	-20,02	19,6
1691	Shell-Thin	SLU-ENVE	Max	0	0	0	-0,0824	-0,3433	1,9684	-18,74	19,6
1691	Shell-Thin	SLU-ENVE	Max	0	0	0	-5,8495	-0,9993	3,7234	-18,74	19,1
1691	Shell-Thin	SLU-ENVE	Min	0	0	0	-125,7585	-	-0,9079	-167,68	-1,11
								25,6337			
1691	Shell-Thin	SLU-ENVE	Min	0	0	0	-75,5713	-	-5,335	-167,68	-0,35
								14,2544			
1691	Shell-Thin	SLU-ENVE	Min	0	0	0	-89,063	-	-5,1393	-198,86	-0,35
								16,6779			
1691	Shell-Thin	SLU-ENVE	Min	0	0	0	-148,6031	-	-0,7122	-198,86	-1,11
								27,8077			
1691	Shell-Thin	SLE-ENVE	Max	0	0	0	-7,2464	-1,4977	2,4991	-17,58	10,64
1691	Shell-Thin	SLE-ENVE	Max	0	0	0	-1,8859	-0,5144	1,5244	-17,58	10,89
1691	Shell-Thin	SLE-ENVE	Max	0	0	0	-1,7438	-0,5312	1,0906	-16,68	10,89
1691	Shell-Thin	SLE-ENVE	Max	0	0	0	-6,8335	-1,2273	2,0654	-16,68	10,64
1691	Shell-Thin	SLE-ENVE	Min	0	0	0	-68,7973	-	-0,5066	-92,74	-0,75
								14,0244			
1691	Shell-Thin	SLE-ENVE	Min	0	0	0	-41,0402	-7,7306	-2,9661	-92,74	-0,18
1691	Shell-Thin	SLE-ENVE	Min	0	0	0	-48,5314	-9,0753	-2,8554	-110,1	-0,18
1691	Shell-Thin	SLE-ENVE	Min	0	0	0	-81,4951	-	-0,3959	-110,1	-0,75
								15,2445			
1692	Shell-Thin	SLU-ENVE	Max	0	0	0	-5,8249	-0,8762	2,2785	-18,95	40,13
1692	Shell-Thin	SLU-ENVE	Max	0	0	0	-0,0925	-0,3941	1,382	-18,95	11,52
1692	Shell-Thin	SLU-ENVE	Max	0	0	0	0,3637	-0,3539	1,5005	-22,03	11,52
1692	Shell-Thin	SLU-ENVE	Max	0	0	0	-6,2933	-2,1179	2,5555	-22,03	40,13
1692	Shell-Thin	SLU-ENVE	Min	0	0	0	-148,2895	-	-2,3253	-202,55	2,39
								26,2394			
1692	Shell-Thin	SLU-ENVE	Min	0	0	0	-89,1735	-	-4,2081	-202,55	-0,18
								17,2304			
1692	Shell-Thin	SLU-ENVE	Min	0	0	0	-91,073	-	-1,4601	-251,67	-0,18
								17,6668			
1692	Shell-Thin	SLU-ENVE	Min	0	0	0	-164,9251	-	0,1944	-251,67	2,39
								43,1658			
1692	Shell-Thin	SLE-ENVE	Max	0	0	0	-6,8132	-1,126	1,2523	-16,86	22,16
1692	Shell-Thin	SLE-ENVE	Max	0	0	0	-1,7521	-0,5726	0,7516	-16,86	6,4
1692	Shell-Thin	SLE-ENVE	Max	0	0	0	-1,4229	-0,5413	0,8333	-19,45	6,4
1692	Shell-Thin	SLE-ENVE	Max	0	0	0	-7,2616	-2,1559	1,4196	-19,45	22,16
1692	Shell-Thin	SLE-ENVE	Min	0	0	0	-81,3221	-	-1,2876	-112,14	2,03
								14,3793			
1692	Shell-Thin	SLE-ENVE	Min	0	0	0	-48,5923	-9,3798	-2,3325	-112,14	-0,09616
1692	Shell-Thin	SLE-ENVE	Min	0	0	0	-49,6611	-9,6239	-0,8129	-139,27	-0,09616
1692	Shell-Thin	SLE-ENVE	Min	0	0	0	-90,5291	-	0,121	-139,27	2,03
								23,7201			
1729	Shell-Thin	SLU-ENVE	Max	0	0	0	-0,3852	-0,3313	1,5193	-14,23	9,58
1729	Shell-Thin	SLU-ENVE	Max	0	0	0	7,783	3,2545	1,2151	-14,23	0,1
1729	Shell-Thin	SLU-ENVE	Max	0	0	0	7,9129	9,4448	0,9465	-13,95	0,1
1729	Shell-Thin	SLU-ENVE	Max	0	0	0	-0,0581	-0,3384	1,1335	-13,95	9,58
1729	Shell-Thin	SLU-ENVE	Min	0	0	0	-75,6571	-	-10,384	-151,62	-1,61
								14,2715			
1729	Shell-Thin	SLU-ENVE	Min	0	0	0	-17,1415	-5,5585	-12,8251	-151,62	-7,5
1729	Shell-Thin	SLU-ENVE	Min	0	0	0	-16,4357	-4,423	-10,5051	-182,23	-7,5
1729	Shell-Thin	SLU-ENVE	Min	0	0	0	-88,786	-	-8,0639	-182,23	-1,61
								16,6225			
1729	Shell-Thin	SLE-ENVE	Max	0	0	0	-1,8929	-0,5158	0,842	-13,36	5,32

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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
1729	Shell-Thin	SLE-ENVE	Max	0	0	0	4,9396	1,9856	0,6721	-13,36	0,06725
1729	Shell-Thin	SLE-ENVE	Max	0	0	0	5,0512	5,4255	0,5215	-13,25	0,06725
1729	Shell-Thin	SLE-ENVE	Max	0	0	0	-1,7233	-0,5271	0,6272	-13,25	5,32
1729	Shell-Thin	SLE-ENVE	Min	0	0	0	-41,0875	-7,7401	-5,7697	-84,11	-0,89
1729	Shell-Thin	SLE-ENVE	Min	0	0	0	-7,6954	-2,7213	-7,1257	-84,11	-4,17
1729	Shell-Thin	SLE-ENVE	Min	0	0	0	-7,2991	-2,0924	-5,8362	-101,11	-4,17
1729	Shell-Thin	SLE-ENVE	Min	0	0	0	-48,3787	-9,0448	-4,4803	-101,11	-0,89
1730	Shell-Thin	SLU-ENVE	Max	0	0	0	-0,0682	-0,3892	0,8722	-13,96	9,41
1730	Shell-Thin	SLU-ENVE	Max	0	0	0	7,9144	9,5376	0,6464	-13,96	7,59
1730	Shell-Thin	SLU-ENVE	Max	0	0	0	7,8777	7,745	0,3733	-13,26	7,59
1730	Shell-Thin	SLU-ENVE	Max	0	0	0	0,2807	-0,3705	0,732	-13,26	9,41
1730	Shell-Thin	SLU-ENVE	Min	0	0	0	-88,8965	-17,175	-5,5469	-184,66	-0,18
1730	Shell-Thin	SLU-ENVE	Min	0	0	0	-16,4229	-4,3586	-6,3265	-184,66	-0,0731
1730	Shell-Thin	SLU-ENVE	Min	0	0	0	-17,4964	-6,6946	-2,9224	-188,71	-0,0731
1730	Shell-Thin	SLU-ENVE	Min	0	0	0	-92,0279	-	-2,1427	-188,71	-0,18
								17,8578			
1730	Shell-Thin	SLE-ENVE	Max	0	0	0	-1,7316	-0,5685	0,4818	-13,28	5,23
1730	Shell-Thin	SLE-ENVE	Max	0	0	0	5,0523	5,4766	0,3596	-13,28	4,22
1730	Shell-Thin	SLE-ENVE	Max	0	0	0	5,0321	4,4796	0,2156	-12,76	4,22
1730	Shell-Thin	SLE-ENVE	Max	0	0	0	-1,4904	-0,5548	0,4076	-12,76	5,23
1730	Shell-Thin	SLE-ENVE	Min	0	0	0	-48,4396	-9,3493	-3,0814	-102,46	-0,12
1730	Shell-Thin	SLE-ENVE	Min	0	0	0	-7,2918	-2,0557	-3,5154	-102,46	-0,06407
1730	Shell-Thin	SLE-ENVE	Min	0	0	0	-7,8969	-3,3509	-1,6254	-104,73	-0,06407
1730	Shell-Thin	SLE-ENVE	Min	0	0	0	-50,1877	-9,7292	-1,1914	-104,73	-0,12
1767	Shell-Thin	SLU-ENVE	Max	0	0	0	7,7903	3,2495	1,3125	-6,86	0,25
1767	Shell-Thin	SLU-ENVE	Max	0	0	0	52,0737	17,3397	1,3597	-6,86	0,61
1767	Shell-Thin	SLU-ENVE	Max	0	0	0	63,2473	30,71	1,066	-6,45	0,61
1767	Shell-Thin	SLU-ENVE	Max	0	0	0	7,8968	9,3486	1,0188	-6,45	0,25
1767	Shell-Thin	SLU-ENVE	Min	0	0	0	-17,1277	-5,5557	-12,7935	-113,47	-15,95
1767	Shell-Thin	SLU-ENVE	Min	0	0	0	-3,8783	-3,439	-10,9178	-113,47	-30,49
1767	Shell-Thin	SLU-ENVE	Min	0	0	0	-4,437	-3,3389	-8,4481	-132,37	-30,49
1767	Shell-Thin	SLU-ENVE	Min	0	0	0	-16,4854	-4,4329	-10,3238	-132,37	-15,95
1767	Shell-Thin	SLE-ENVE	Max	0	0	0	4,9452	1,9828	0,7267	-8,07	0,15
1767	Shell-Thin	SLE-ENVE	Max	0	0	0	29,9288	9,8345	0,7538	-8,07	0,34
1767	Shell-Thin	SLE-ENVE	Max	0	0	0	36,1366	17,2623	0,5921	-7,83	0,34
1767	Shell-Thin	SLE-ENVE	Max	0	0	0	5,0394	5,3722	0,565	-7,83	0,15
1767	Shell-Thin	SLE-ENVE	Min	0	0	0	-7,6871	-2,7196	-7,1081	-63,27	-8,86
1767	Shell-Thin	SLE-ENVE	Min	0	0	0	0,8897	-1,3	-6,066	-63,27	-16,94
1767	Shell-Thin	SLE-ENVE	Min	0	0	0	0,5797	-1,2441	-4,694	-73,77	-16,94
1767	Shell-Thin	SLE-ENVE	Min	0	0	0	-7,3287	-2,0983	-5,736	-73,77	-8,86
1768	Shell-Thin	SLU-ENVE	Max	0	0	0	7,8984	9,4414	0,7099	-6,34	6,09
1768	Shell-Thin	SLU-ENVE	Max	0	0	0	63,2426	30,6866	0,7283	-6,34	5,29
1768	Shell-Thin	SLU-ENVE	Max	0	0	0	64,9252	27,5306	0,3809	-6,19	5,29
1768	Shell-Thin	SLU-ENVE	Max	0	0	0	7,9326	7,8321	0,3625	-6,19	6,09
1768	Shell-Thin	SLU-ENVE	Min	0	0	0	-16,4725	-4,3686	-6,3268	-133,68	-0,00592
1768	Shell-Thin	SLU-ENVE	Min	0	0	0	-4,4422	-3,3651	-5,8171	-133,68	0,17
1768	Shell-Thin	SLU-ENVE	Min	0	0	0	-4,183	-3,7375	-2,673	-137,42	0,17
1768	Shell-Thin	SLU-ENVE	Min	0	0	0	-17,2868	-6,6527	-3,1827	-137,42	-0,00592
1768	Shell-Thin	SLE-ENVE	Max	0	0	0	5,0405	5,4233	0,3961	-7,77	3,38
1768	Shell-Thin	SLE-ENVE	Max	0	0	0	36,134	17,2494	0,4055	-7,77	2,94
1768	Shell-Thin	SLE-ENVE	Max	0	0	0	37,069	15,4957	0,2126	-7,69	2,94
1768	Shell-Thin	SLE-ENVE	Max	0	0	0	5,073	4,5276	0,2031	-7,69	3,38

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**Table: Element Forces - Area Shells**

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
1768	Shell-Thin	SLE-ENVE	Min	0	0	0	-7,3214	-2,0616	-3,5157	-74,5	-0,02068
1768	Shell-Thin	SLE-ENVE	Min	0	0	0	0,5768	-1,2587	-3,2322	-74,5	0,09359
1768	Shell-Thin	SLE-ENVE	Min	0	0	0	0,7212	-1,4655	-1,4853	-76,58	0,09359
1768	Shell-Thin	SLE-ENVE	Min	0	0	0	-7,7747	-3,3264	-1,7687	-76,58	-0,02068
1805	Shell-Thin	SLU-ENVE	Max	0	0	0	51,9365	17,3122	1,3575	3,37	0,82
1805	Shell-Thin	SLU-ENVE	Max	0	0	0	79,4965	25,0555	1,2656	3,37	1,55
1805	Shell-Thin	SLU-ENVE	Max	0	0	0	87,2094	36,8298	0,9825	3,88	1,55
1805	Shell-Thin	SLU-ENVE	Max	0	0	0	62,9969	30,6599	1,0744	3,88	0,82
1805	Shell-Thin	SLU-ENVE	Min	0	0	0	-3,8681	-3,4369	-5,7931	-35,38	-32,42
1805	Shell-Thin	SLU-ENVE	Min	0	0	0	6,4371	-1,6838	-1,2101	-35,38	-29,28
1805	Shell-Thin	SLU-ENVE	Min	0	0	0	5,842	-1,9145	-0,7468	-31,19	-29,28
1805	Shell-Thin	SLU-ENVE	Min	0	0	0	-4,3737	-3,3262	-5,3298	-31,19	-32,42
1805	Shell-Thin	SLE-ENVE	Max	0	0	0	29,8526	9,8193	0,7535	-0,8	0,46
1805	Shell-Thin	SLE-ENVE	Max	0	0	0	45,7215	14,2328	0,7028	-0,8	0,86
1805	Shell-Thin	SLE-ENVE	Max	0	0	0	50,0071	20,7743	0,5459	-0,51	0,86
1805	Shell-Thin	SLE-ENVE	Max	0	0	0	35,9974	17,2345	0,5966	-0,51	0,46
1805	Shell-Thin	SLE-ENVE	Min	0	0	0	0,8953	-1,2989	-3,2189	-20,35	-18,01
1805	Shell-Thin	SLE-ENVE	Min	0	0	0	7,7544	-0,0972	-0,6725	-20,35	-16,27
1805	Shell-Thin	SLE-ENVE	Min	0	0	0	7,4243	-0,225	-0,415	-18,03	-16,27
1805	Shell-Thin	SLE-ENVE	Min	0	0	0	0,615	-1,237	-2,9614	-18,03	-18,01
1806	Shell-Thin	SLU-ENVE	Max	0	0	0	62,9922	30,6365	0,7293	4	3,93
1806	Shell-Thin	SLU-ENVE	Max	0	0	0	87,2052	36,8086	0,6907	4	0,77
1806	Shell-Thin	SLU-ENVE	Max	0	0	0	91,1957	39,2306	0,347	4,24	0,77
1806	Shell-Thin	SLU-ENVE	Max	0	0	0	64,618	27,4692	0,3856	4,24	3,93
1806	Shell-Thin	SLU-ENVE	Min	0	0	0	-4,3789	-3,3524	-3,5226	-32,29	0,22
1806	Shell-Thin	SLU-ENVE	Min	0	0	0	5,8427	-1,9108	-1,6008	-32,29	-7,25
1806	Shell-Thin	SLU-ENVE	Min	0	0	0	5,4652	-1,9672	-0,5884	-35,25	-7,25
1806	Shell-Thin	SLU-ENVE	Min	0	0	0	-4,2038	-3,7416	-2,5102	-35,25	0,22
1806	Shell-Thin	SLE-ENVE	Max	0	0	0	35,9948	17,2215	0,4057	-0,45	2,19
1806	Shell-Thin	SLE-ENVE	Max	0	0	0	50,0048	20,7627	0,3839	-0,45	0,43
1806	Shell-Thin	SLE-ENVE	Max	0	0	0	52,2213	22,1076	0,1934	-0,31	0,43
1806	Shell-Thin	SLE-ENVE	Max	0	0	0	36,8986	15,4616	0,2152	-0,31	2,19
1806	Shell-Thin	SLE-ENVE	Min	0	0	0	0,612	-1,2517	-1,9572	-18,64	0,12
1806	Shell-Thin	SLE-ENVE	Min	0	0	0	7,4247	-0,2227	-0,8894	-18,64	-4,02
1806	Shell-Thin	SLE-ENVE	Min	0	0	0	7,2144	-0,2544	-0,3268	-20,28	-4,02
1806	Shell-Thin	SLE-ENVE	Min	0	0	0	0,7095	-1,4678	-1,3946	-20,28	0,12
1843	Shell-Thin	SLU-ENVE	Max	0	0	0	75,4146	23,8316	2,9447	43,72	2,47
1843	Shell-Thin	SLU-ENVE	Max	0	0	0	49,9502	16,6047	6,3274	43,72	3,65
1843	Shell-Thin	SLU-ENVE	Max	0	0	0	60,4141	29,0554	5,688	39,32	3,65
1843	Shell-Thin	SLU-ENVE	Max	0	0	0	83,2391	35,1697	2,3053	39,32	2,47
1843	Shell-Thin	SLU-ENVE	Min	0	0	0	0,8357	-2,7945	-0,4581	14,18	-28,31
1843	Shell-Thin	SLU-ENVE	Min	0	0	0	-16,1244	-6,5119	-0,7278	14,18	-30,54
1843	Shell-Thin	SLU-ENVE	Min	0	0	0	-17,593	-8,0856	-0,5493	13,5	-30,54
1843	Shell-Thin	SLU-ENVE	Min	0	0	0	0,5826	-3,7791	-0,2795	13,5	-28,31
1843	Shell-Thin	SLE-ENVE	Max	0	0	0	43,4627	13,5545	1,6363	25,03	1,37
1843	Shell-Thin	SLE-ENVE	Max	0	0	0	28,872	9,4508	3,5157	25,03	2,03
1843	Shell-Thin	SLE-ENVE	Max	0	0	0	34,6854	16,3678	3,1604	22,59	2,03
1843	Shell-Thin	SLE-ENVE	Max	0	0	0	47,8102	19,8538	1,281	22,59	1,37
1843	Shell-Thin	SLE-ENVE	Min	0	0	0	6,211	-0,3999	-0,254	9,49	-15,73
1843	Shell-Thin	SLE-ENVE	Min	0	0	0	-3,7961	-2,5827	-0,4036	9,49	-16,97
1843	Shell-Thin	SLE-ENVE	Min	0	0	0	-4,6114	-3,4568	-0,3046	9,11	-16,97
1843	Shell-Thin	SLE-ENVE	Min	0	0	0	6,0712	-0,9465	-0,155	9,11	-15,73



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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
1844	Shell-Thin	SLU-ENVE	Max	0	0	0	83,2404	35,1764	2,5906	40,73	1,12
1844	Shell-Thin	SLU-ENVE	Max	0	0	0	60,4094	29,0316	4,0194	40,73	3,21
1844	Shell-Thin	SLU-ENVE	Max	0	0	0	61,5848	26,2379	2,6814	46,21	3,21
1844	Shell-Thin	SLU-ENVE	Max	0	0	0	87,7039	37,5898	1,2527	46,21	1,12
1844	Shell-Thin	SLU-ENVE	Min	0	0	0	0,5852	-3,7663	-0,2223	13,61	-7,21
1844	Shell-Thin	SLU-ENVE	Min	0	0	0	-17,5948	-8,0943	-0,1991	13,61	0,63
1844	Shell-Thin	SLU-ENVE	Min	0	0	0	-18,2928	-8,8756	-0,0842	12,12	0,63
1844	Shell-Thin	SLU-ENVE	Min	0	0	0	0,4946	-4,2149	-0,0955	12,12	-7,21
1844	Shell-Thin	SLE-ENVE	Max	0	0	0	47,811	19,8577	1,4394	23,37	0,62
1844	Shell-Thin	SLE-ENVE	Max	0	0	0	34,6828	16,3545	2,2332	23,37	1,78
1844	Shell-Thin	SLE-ENVE	Max	0	0	0	35,3364	14,8022	1,4898	26,41	1,78
1844	Shell-Thin	SLE-ENVE	Max	0	0	0	50,2902	21,1978	0,6959	26,41	0,62
1844	Shell-Thin	SLE-ENVE	Min	0	0	0	6,0727	-0,9392	-0,1233	9,18	-4
1844	Shell-Thin	SLE-ENVE	Min	0	0	0	-4,6124	-3,4617	-0,1107	9,18	0,35
1844	Shell-Thin	SLE-ENVE	Min	0	0	0	-5	-3,8958	-0,0473	8,34	0,35
1844	Shell-Thin	SLE-ENVE	Min	0	0	0	6,0218	-1,1887	-0,0531	8,34	-4
1881	Shell-Thin	SLU-ENVE	Max	0	0	0	50,0153	16,6177	10,4619	110,54	4,74
1881	Shell-Thin	SLU-ENVE	Max	0	0	0	-2,9299	2,9302	12,2158	110,54	6,16
1881	Shell-Thin	SLU-ENVE	Max	0	0	0	-1,3358	8,6435	9,8908	128,27	6,16
1881	Shell-Thin	SLU-ENVE	Max	0	0	0	60,4727	29,0671	8,1368	128,27	4,74
1881	Shell-Thin	SLU-ENVE	Min	0	0	0	-16,1135	-6,5098	-1,0073	24,73	-28,41
1881	Shell-Thin	SLU-ENVE	Min	0	0	0	-35,8288	-	-1,0437	24,73	-14,93
1881	Shell-Thin	SLU-ENVE	Min	0	0	0	-38,9426	10,0705	-	-	-
1881	Shell-Thin	SLU-ENVE	Min	0	0	0	-38,9426	-	-0,6644	20,28	-14,93
1881	Shell-Thin	SLU-ENVE	Min	0	0	0	-17,5822	12,3563	-	-	-
1881	Shell-Thin	SLU-ENVE	Min	0	0	0	-17,5822	-8,0835	-0,628	20,28	-28,41
1881	Shell-Thin	SLE-ENVE	Max	0	0	0	28,9081	9,458	5,8127	61,76	2,63
1881	Shell-Thin	SLE-ENVE	Max	0	0	0	-0,6791	1,8186	6,7872	61,76	3,42
1881	Shell-Thin	SLE-ENVE	Max	0	0	0	0,2064	4,9936	5,4954	71,61	3,42
1881	Shell-Thin	SLE-ENVE	Max	0	0	0	34,7181	16,3743	4,521	71,61	2,63
1881	Shell-Thin	SLE-ENVE	Min	0	0	0	-3,79	-2,5815	-0,5584	16,21	-15,78
1881	Shell-Thin	SLE-ENVE	Min	0	0	0	-15,9	-4,7919	-0,5781	16,21	-8,3
1881	Shell-Thin	SLE-ENVE	Min	0	0	0	-17,6287	-6,0633	-0,3682	13,74	-8,3
1881	Shell-Thin	SLE-ENVE	Min	0	0	0	-4,6055	-3,4556	-0,3485	13,74	-15,78
1882	Shell-Thin	SLU-ENVE	Max	0	0	0	60,468	29,0433	5,708	129,6	4,76
1882	Shell-Thin	SLU-ENVE	Max	0	0	0	-1,3157	8,744	6,0936	129,6	6,13
1882	Shell-Thin	SLU-ENVE	Max	0	0	0	-1,6614	7,0553	3,0778	132,9	6,13
1882	Shell-Thin	SLU-ENVE	Max	0	0	0	61,7735	26,2757	2,6921	132,9	4,76
1882	Shell-Thin	SLU-ENVE	Min	0	0	0	-17,584	-8,0921	-0,1687	20,71	0,44
1882	Shell-Thin	SLU-ENVE	Min	0	0	0	-38,9296	-	-0,3305	20,71	1,31
1882	Shell-Thin	SLU-ENVE	Min	0	0	0	-38,9296	12,2914	-	-	-
1882	Shell-Thin	SLU-ENVE	Min	0	0	0	-40,5293	-	-0,2705	23,45	1,31
1882	Shell-Thin	SLU-ENVE	Min	0	0	0	-40,5293	13,1049	-	-	-
1882	Shell-Thin	SLU-ENVE	Min	0	0	0	-18,2534	-8,8677	0,0426	23,45	0,44
1882	Shell-Thin	SLE-ENVE	Max	0	0	0	34,7155	16,3611	3,1716	72,35	2,65
1882	Shell-Thin	SLE-ENVE	Max	0	0	0	0,2175	5,0491	3,3861	72,35	3,4
1882	Shell-Thin	SLE-ENVE	Max	0	0	0	0,0261	4,1093	1,7104	74,18	3,4
1882	Shell-Thin	SLE-ENVE	Max	0	0	0	35,441	14,8231	1,4959	74,18	2,65
1882	Shell-Thin	SLE-ENVE	Min	0	0	0	-4,6065	-3,4605	-0,094	13,98	0,24
1882	Shell-Thin	SLE-ENVE	Min	0	0	0	-17,6214	-6,0267	-0,1835	13,98	0,72
1882	Shell-Thin	SLE-ENVE	Min	0	0	0	-18,5105	-6,4762	-0,1505	15,5	0,72
1882	Shell-Thin	SLE-ENVE	Min	0	0	0	-4,978	-3,8914	0,0232	15,5	0,24
1919	Shell-Thin	SLU-ENVE	Max	0	0	0	-2,9069	2,9348	12,2385	148,95	8,21

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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
1919	Shell-Thin	SLU-ENVE	Max	0	0	0	-44,3932	-9,8411	9,8284	148,95	9,63
1919	Shell-Thin	SLU-ENVE	Max	0	0	0	-47,2442	-9,2802	7,6117	178,92	9,63
1919	Shell-Thin	SLU-ENVE	Max	0	0	0	-0,8573	8,7392	10,0217	178,92	8,21
1919	Shell-Thin	SLU-ENVE	Min	0	0	0	-35,8403	-	-2,0976	42,75	-6,79
								10,0728			
1919	Shell-Thin	SLU-ENVE	Min	0	0	0	-75,1639	-	-3,948	42,75	-1,6
								14,2298			
1919	Shell-Thin	SLU-ENVE	Min	0	0	0	-88,1022	-	-3,2607	46,91	-1,6
								16,6372			
1919	Shell-Thin	SLU-ENVE	Min	0	0	0	-38,7929	-	-1,4103	46,91	-6,79
								12,3264			
1919	Shell-Thin	SLE-ENVE	Max	0	0	0	-0,6661	1,8212	6,7998	82,74	4,56
1919	Shell-Thin	SLE-ENVE	Max	0	0	0	-24,0391	-5,3338	5,4611	82,74	5,35
1919	Shell-Thin	SLE-ENVE	Max	0	0	0	-26,0059	-5,0576	4,229	99,39	5,35
1919	Shell-Thin	SLE-ENVE	Max	0	0	0	0,4715	5,0466	5,5677	99,39	4,56
1919	Shell-Thin	SLE-ENVE	Min	0	0	0	-15,9067	-4,7933	-1,1631	27,55	-3,77
1919	Shell-Thin	SLE-ENVE	Min	0	0	0	-40,8043	-7,715	-2,1911	27,55	-0,89
1919	Shell-Thin	SLE-ENVE	Min	0	0	0	-47,9899	-9,0512	-1,8092	29,88	-0,89
1919	Shell-Thin	SLE-ENVE	Min	0	0	0	-17,5443	-6,0464	-0,7813	29,88	-3,77
1920	Shell-Thin	SLU-ENVE	Max	0	0	0	-0,8372	8,8397	6,015	181,24	7,62
1920	Shell-Thin	SLU-ENVE	Max	0	0	0	-47,2996	-9,6294	5,2205	181,24	9,41
1920	Shell-Thin	SLU-ENVE	Max	0	0	0	-49,3333	-	1,9749	184,82	9,41
								11,9419			
1920	Shell-Thin	SLU-ENVE	Max	0	0	0	-2,1064	6,9663	2,7694	184,82	7,62
1920	Shell-Thin	SLU-ENVE	Min	0	0	0	-38,7799	-	-1,2626	47,11	1,76
								12,2614			
1920	Shell-Thin	SLU-ENVE	Min	0	0	0	-88,2117	-	-2,032	47,11	1,92
								17,1847			
1920	Shell-Thin	SLU-ENVE	Min	0	0	0	-91,2732	-	-1,4022	46,83	1,92
								17,8966			
1920	Shell-Thin	SLU-ENVE	Min	0	0	0	-40,7698	-13,153	-0,6328	46,83	1,76
1920	Shell-Thin	SLE-ENVE	Max	0	0	0	0,4826	5,1021	3,3424	100,67	4,23
1920	Shell-Thin	SLE-ENVE	Max	0	0	0	-26,0379	-5,2521	2,9002	100,67	5,23
1920	Shell-Thin	SLE-ENVE	Max	0	0	0	-26,733	-6,5111	1,0981	102,68	5,23
1920	Shell-Thin	SLE-ENVE	Max	0	0	0	-0,2189	4,0603	1,5403	102,68	4,23
1920	Shell-Thin	SLE-ENVE	Min	0	0	0	-17,537	-6,0098	-0,7009	30,01	0,96
1920	Shell-Thin	SLE-ENVE	Min	0	0	0	-48,0503	-9,3531	-1,1268	30,01	1,06
1920	Shell-Thin	SLE-ENVE	Min	0	0	0	-49,7589	-9,7491	-0,7793	29,77	1,06
1920	Shell-Thin	SLE-ENVE	Min	0	0	0	-18,6476	-6,5036	-0,3534	29,77	0,96
1957	Shell-Thin	SLU-ENVE	Max	0	0	0	-44,3496	-9,8381	4,8609	165,02	19,46
1957	Shell-Thin	SLU-ENVE	Max	0	0	0	-60,4485	-12,295	0,5094	165,02	18,74
1957	Shell-Thin	SLU-ENVE	Max	0	0	0	-65,3937	-	0,3806	195,5	18,74
								12,4354			
1957	Shell-Thin	SLU-ENVE	Max	0	0	0	-47,3096	-9,2898	4,7321	195,5	19,46
1957	Shell-Thin	SLU-ENVE	Min	0	0	0	-75,0784	-	-6,5332	51,33	4,99
								14,2127			
1957	Shell-Thin	SLU-ENVE	Min	0	0	0	-124,5061	-25,378	-8,5563	51,33	3,86
1957	Shell-Thin	SLU-ENVE	Min	0	0	0	-146,9444	-	-6,8591	54,62	3,86
								27,4968			
1957	Shell-Thin	SLU-ENVE	Min	0	0	0	-88,3717	-	-4,8361	54,62	4,99
								16,6911			
1957	Shell-Thin	SLE-ENVE	Max	0	0	0	-24,0295	-5,3319	2,7027	91,38	10,81
1957	Shell-Thin	SLE-ENVE	Max	0	0	0	-34,365	-6,9962	0,2852	91,38	10,44
1957	Shell-Thin	SLE-ENVE	Max	0	0	0	-37,0905	-7,0342	0,2117	108,35	10,44

AUTOSTRADA VALDASTICO A31 NORD  
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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
1957	Shell-Thin	SLE-ENVE	Max	0	0	0	-26,0454	-5,063	2,6293	108,35	10,81
1957	Shell-Thin	SLE-ENVE	Min	0	0	0	-40,7572	-7,7056	-3,6291	33,3	2,77
1957	Shell-Thin	SLE-ENVE	Min	0	0	0	-68,1266	-	-4,7529	33,3	2,06
								13,8875			
1957	Shell-Thin	SLE-ENVE	Min	0	0	0	-80,5983	-	-3,8079	35,02	2,06
								15,0762			
1957	Shell-Thin	SLE-ENVE	Min	0	0	0	-48,1384	-9,0809	-2,6842	35,02	2,77
1958	Shell-Thin	SLU-ENVE	Max	0	0	0	-47,365	-9,639	3,9082	199,05	11,52
1958	Shell-Thin	SLU-ENVE	Max	0	0	0	-65,2868	-	2,0659	199,05	39,55
								11,9011			
1958	Shell-Thin	SLU-ENVE	Max	0	0	0	-70,7949	-	-0,5383	247,27	39,55
								17,5528			
1958	Shell-Thin	SLU-ENVE	Max	0	0	0	-49,0315	-	1,304	247,27	11,52
								11,8816			
1958	Shell-Thin	SLU-ENVE	Min	0	0	0	-88,4812	-	-2,9024	55,11	2,96
								17,2386			
1958	Shell-Thin	SLU-ENVE	Min	0	0	0	-146,635	-25,95	-3,9505	55,11	13,34
1958	Shell-Thin	SLU-ENVE	Min	0	0	0	-162,9538	-	-2,9187	71,45	13,34
								42,6522			
1958	Shell-Thin	SLU-ENVE	Min	0	0	0	-90,3357	-	-1,8706	71,45	2,96
								17,7091			
1958	Shell-Thin	SLE-ENVE	Max	0	0	0	-26,0774	-5,2575	2,1662	110,31	6,4
1958	Shell-Thin	SLE-ENVE	Max	0	0	0	-37,0272	-6,7177	1,1437	110,31	21,85
1958	Shell-Thin	SLE-ENVE	Max	0	0	0	-40,1992	-	-0,2963	136,94	21,85
								10,0601			
1958	Shell-Thin	SLE-ENVE	Max	0	0	0	-26,5526	-6,475	0,7262	136,94	6,4
1958	Shell-Thin	SLE-ENVE	Min	0	0	0	-48,1988	-9,3828	-1,6023	35,33	1,64
1958	Shell-Thin	SLE-ENVE	Min	0	0	0	-80,4276	-	-2,1861	35,33	7,83
								14,2226			
1958	Shell-Thin	SLE-ENVE	Min	0	0	0	-89,4606	-	-1,6243	44,93	7,83
								23,4426			
1958	Shell-Thin	SLE-ENVE	Min	0	0	0	-49,2418	-9,6457	-1,0406	44,93	1,64
1995	Shell-Thin	SLU-ENVE	Max	0	0	0	-60,4642	-	-4,3186	-81,54	18,72
								12,2981			
1995	Shell-Thin	SLU-ENVE	Max	0	0	0	-44,6052	-7,9542	-6,7596	-81,54	15,41
1995	Shell-Thin	SLU-ENVE	Max	0	0	0	-48,919	-8,1581	-5,6374	-84,57	15,41
1995	Shell-Thin	SLU-ENVE	Max	0	0	0	-65,3841	-	-3,3209	-84,57	18,72
								12,4335			
1995	Shell-Thin	SLU-ENVE	Min	0	0	0	-124,5544	-	-10,6421	-190,35	4,09
								25,3877			
1995	Shell-Thin	SLU-ENVE	Min	0	0	0	-86,884	-16,765	-12,0189	-190,35	4,23
1995	Shell-Thin	SLU-ENVE	Min	0	0	0	-99,7421	-	-9,9462	-238,16	4,23
								17,2295			
1995	Shell-Thin	SLU-ENVE	Min	0	0	0	-146,976	-	-8,5694	-238,16	4,09
								27,5031			
1995	Shell-Thin	SLE-ENVE	Max	0	0	0	-34,374	-6,998	-2,3993	-46,3	10,42
1995	Shell-Thin	SLE-ENVE	Max	0	0	0	-25,3601	-4,5345	-3,749	-46,3	8,56
1995	Shell-Thin	SLE-ENVE	Max	0	0	0	-27,7711	-4,6464	-3,132	-47,8	8,56
1995	Shell-Thin	SLE-ENVE	Max	0	0	0	-37,0843	-7,0329	-1,8435	-47,8	10,42
1995	Shell-Thin	SLE-ENVE	Min	0	0	0	-68,1534	-	-5,908	-104,37	2,19
								13,8929			
1995	Shell-Thin	SLE-ENVE	Min	0	0	0	-47,5023	-9,161	-6,6729	-104,37	2,35
1995	Shell-Thin	SLE-ENVE	Min	0	0	0	-54,6413	-9,4194	-5,5247	-130,99	2,35
1995	Shell-Thin	SLE-ENVE	Min	0	0	0	-80,6161	-	-4,7598	-130,99	2,19
								15,0798			

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**Table: Element Forces - Area Shells**

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
1996	Shell-Thin	SLU-ENVE	Max	0	0	0	-65,2773	-	-3,4209	-86,52	40,14
								11,8992			
1996	Shell-Thin	SLU-ENVE	Max	0	0	0	-48,95	-8,3129	-4,4239	-86,52	16,46
1996	Shell-Thin	SLU-ENVE	Max	0	0	0	-49,7661	-8,9779	-1,0666	-110,5	16,46
1996	Shell-Thin	SLU-ENVE	Max	0	0	0	-70,8894	-	0,2617	-110,5	40,14
								17,5717			
1996	Shell-Thin	SLU-ENVE	Min	0	0	0	-146,6666	-	-6,7983	-241,53	13,5
								25,9563			
1996	Shell-Thin	SLU-ENVE	Min	0	0	0	-99,8346	-	-7,431	-241,53	3,48
								17,6922			
1996	Shell-Thin	SLU-ENVE	Min	0	0	0	-103,5538	-	-3,2602	-305,69	3,48
								22,5993			
1996	Shell-Thin	SLU-ENVE	Min	0	0	0	-163,2181	-	-2,6274	-305,69	13,5
								42,7051			
1996	Shell-Thin	SLE-ENVE	Max	0	0	0	-37,021	-6,7164	-1,8937	-48,93	22,18
1996	Shell-Thin	SLE-ENVE	Max	0	0	0	-27,7897	-4,7396	-2,4796	-48,93	9,12
1996	Shell-Thin	SLE-ENVE	Max	0	0	0	-28,1997	-5,1326	-0,5933	-63,04	9,12
1996	Shell-Thin	SLE-ENVE	Max	0	0	0	-40,2546	-	0,144	-63,04	22,18
								10,0711			
1996	Shell-Thin	SLE-ENVE	Min	0	0	0	-80,4454	-	-3,7851	-132,84	7,92
								14,2261			
1996	Shell-Thin	SLE-ENVE	Min	0	0	0	-54,6923	-9,6744	-4,1377	-132,84	1,99
1996	Shell-Thin	SLE-ENVE	Min	0	0	0	-56,7708	-	-1,8083	-168,25	1,99
								12,3936			
1996	Shell-Thin	SLE-ENVE	Min	0	0	0	-89,6066	-	-1,4557	-168,25	7,92
								23,4718			
2033	Shell-Thin	SLU-ENVE	Max	0	0	0	-44,6163	-7,9564	-8,1432	-74,18	6,37
2033	Shell-Thin	SLU-ENVE	Max	0	0	0	6,5858	7,2423	-9,3027	-74,18	-2,5
2033	Shell-Thin	SLU-ENVE	Max	0	0	0	10,853	14,9239	-7,6764	-80,61	-2,5
2033	Shell-Thin	SLU-ENVE	Max	0	0	0	-48,7812	-8,1306	-6,5169	-80,61	6,37
2033	Shell-Thin	SLU-ENVE	Min	0	0	0	-86,9409	-	-14,1308	-148,39	1,28
								16,7764			
2033	Shell-Thin	SLU-ENVE	Min	0	0	0	-15,0888	0,4972	-14,9662	-148,39	-13,69
2033	Shell-Thin	SLU-ENVE	Min	0	0	0	-10,1041	4,4795	-12,0527	-183,92	-13,69
2033	Shell-Thin	SLU-ENVE	Min	0	0	0	-99,5043	-	-11,2173	-183,92	1,28
								17,1819			
2033	Shell-Thin	SLE-ENVE	Max	0	0	0	-25,3674	-4,5359	-4,5219	-41,33	3,54
2033	Shell-Thin	SLE-ENVE	Max	0	0	0	2,5813	3,8066	-5,1668	-41,33	-1,38
2033	Shell-Thin	SLE-ENVE	Max	0	0	0	4,9542	8,0721	-4,2659	-44,93	-1,38
2033	Shell-Thin	SLE-ENVE	Max	0	0	0	-27,6907	-4,6303	-3,621	-44,93	3,54
2033	Shell-Thin	SLE-ENVE	Min	0	0	0	-47,5336	-9,1673	-7,8482	-81,32	0,71
2033	Shell-Thin	SLE-ENVE	Min	0	0	0	-8,1776	0,3164	-8,3127	-81,32	-7,6
2033	Shell-Thin	SLE-ENVE	Min	0	0	0	-6,1274	2,3794	-6,6956	-101,05	-7,6
2033	Shell-Thin	SLE-ENVE	Min	0	0	0	-54,5103	-9,3932	-6,231	-101,05	0,71
2034	Shell-Thin	SLU-ENVE	Max	0	0	0	-48,8122	-8,2853	-4,8045	-82,52	12,09
2034	Shell-Thin	SLU-ENVE	Max	0	0	0	10,8536	14,9269	-5,2434	-82,52	9,86
2034	Shell-Thin	SLU-ENVE	Max	0	0	0	11,2179	14,0394	-2,6972	-83,4	9,86
2034	Shell-Thin	SLU-ENVE	Max	0	0	0	-50,0126	-9,0271	-2,0547	-83,4	12,09
2034	Shell-Thin	SLU-ENVE	Min	0	0	0	-99,5969	-	-7,6994	-187,02	2,36
								17,6447			
2034	Shell-Thin	SLU-ENVE	Min	0	0	0	-10,1002	4,4989	-7,7795	-187,02	-2,09
2034	Shell-Thin	SLU-ENVE	Min	0	0	0	-11,508	5,1514	-3,7909	-193,15	-2,09
2034	Shell-Thin	SLU-ENVE	Min	0	0	0	-104,2943	-	-3,5215	-193,15	2,36
								22,7474			

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**Table: Element Forces - Area Shells**

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
2034	Shell-Thin	SLE-ENVE	Max	0	0	0	-27,7093	-4,7235	-2,6735	-46,01	6,7
2034	Shell-Thin	SLE-ENVE	Max	0	0	0	4,9545	8,074	-2,9129	-46,01	5,48
2034	Shell-Thin	SLE-ENVE	Max	0	0	0	5,1519	7,5848	-1,491	-46,43	5,48
2034	Shell-Thin	SLE-ENVE	Max	0	0	0	-28,3481	-5,1623	-1,1415	-46,43	6,7
2034	Shell-Thin	SLE-ENVE	Min	0	0	0	-54,5613	-9,6482	-4,2786	-102,76	1,36
2034	Shell-Thin	SLE-ENVE	Min	0	0	0	-6,1252	2,3906	-4,3212	-102,76	-1,19
2034	Shell-Thin	SLE-ENVE	Min	0	0	0	-6,557	2,9009	-2,1048	-106,19	-1,19
2034	Shell-Thin	SLE-ENVE	Min	0	0	0	-57,1789	-	-1,9545	-106,19	1,36
								12,4752			
2071	Shell-Thin	SLU-ENVE	Max	0	0	0	6,5729	7,2397	-10,1498	-67,46	-4,3
2071	Shell-Thin	SLU-ENVE	Max	0	0	0	50,943	19,9932	-9,9291	-67,46	-11,67
2071	Shell-Thin	SLU-ENVE	Max	0	0	0	61,5568	33,8937	-7,8817	-72,69	-11,67
2071	Shell-Thin	SLU-ENVE	Max	0	0	0	10,5079	14,8548	-8,1194	-72,69	-4,3
2071	Shell-Thin	SLU-ENVE	Min	0	0	0	-15,0915	0,4966	-15,1209	-98,03	-20,99
2071	Shell-Thin	SLU-ENVE	Min	0	0	0	22,5473	11,6388	-14,7162	-98,03	-32,07
2071	Shell-Thin	SLU-ENVE	Min	0	0	0	24,119	17,7779	-11,6439	-114,42	-32,07
2071	Shell-Thin	SLU-ENVE	Min	0	0	0	-10,2828	4,461	-12,0486	-114,42	-20,99
2071	Shell-Thin	SLE-ENVE	Max	0	0	0	2,5746	3,8053	-5,6379	-36,39	-2,38
2071	Shell-Thin	SLE-ENVE	Max	0	0	0	25,4838	10,541	-5,5148	-36,39	-6,49
2071	Shell-Thin	SLE-ENVE	Max	0	0	0	31,3801	18,2637	-4,3777	-39,29	-6,49
2071	Shell-Thin	SLE-ENVE	Max	0	0	0	4,761	8,0335	-4,5094	-39,29	-2,38
2071	Shell-Thin	SLE-ENVE	Min	0	0	0	-8,1794	0,3161	-8,3989	-53,27	-11,67
2071	Shell-Thin	SLE-ENVE	Min	0	0	0	11,4634	6,2843	-8,1741	-53,27	-17,82
2071	Shell-Thin	SLE-ENVE	Min	0	0	0	12,3365	9,6618	-6,4675	-62,37	-17,82
2071	Shell-Thin	SLE-ENVE	Min	0	0	0	-6,1822	2,3685	-6,6923	-62,37	-11,67
2072	Shell-Thin	SLU-ENVE	Max	0	0	0	10,5085	14,8579	-5,6723	-74,1	6,36
2072	Shell-Thin	SLU-ENVE	Max	0	0	0	61,5573	33,8962	-5,6452	-74,1	3,12
2072	Shell-Thin	SLU-ENVE	Max	0	0	0	63,2377	31,9613	-2,9009	-77,96	3,12
2072	Shell-Thin	SLU-ENVE	Max	0	0	0	11,5011	14,096	-2,9281	-77,96	6,36
2072	Shell-Thin	SLU-ENVE	Min	0	0	0	-10,2714	4,4804	-7,9478	-116,17	-4,25
2072	Shell-Thin	SLU-ENVE	Min	0	0	0	24,1138	17,7523	-7,6321	-116,17	-4,59
2072	Shell-Thin	SLU-ENVE	Min	0	0	0	25,5245	20,0221	-3,6744	-120,26	-4,59
2072	Shell-Thin	SLU-ENVE	Min	0	0	0	-11,0624	5,2405	-3,9901	-120,26	-4,25
2072	Shell-Thin	SLE-ENVE	Max	0	0	0	4,7613	8,0353	-3,1484	-40,08	3,54
2072	Shell-Thin	SLE-ENVE	Max	0	0	0	31,3803	18,2652	-3,1338	-40,08	1,73
2072	Shell-Thin	SLE-ENVE	Max	0	0	0	32,3131	17,1901	-1,6098	-42,21	1,73
2072	Shell-Thin	SLE-ENVE	Max	0	0	0	5,3133	7,6171	-1,6245	-42,21	3,54
2072	Shell-Thin	SLE-ENVE	Min	0	0	0	-6,1799	2,3796	-4,4142	-63,34	-2,36
2072	Shell-Thin	SLE-ENVE	Min	0	0	0	12,3337	9,6476	-4,2389	-63,34	-2,55
2072	Shell-Thin	SLE-ENVE	Min	0	0	0	13,1161	10,9084	-2,0404	-65,62	-2,55
2072	Shell-Thin	SLE-ENVE	Min	0	0	0	-6,4675	2,9498	-2,2158	-65,62	-2,36
2109	Shell-Thin	SLU-ENVE	Max	0	0	0	50,9203	19,9887	-6,8168	-34,33	-14,43
2109	Shell-Thin	SLU-ENVE	Max	0	0	0	71,7419	27,2624	-4,1736	-34,33	-25,31
2109	Shell-Thin	SLU-ENVE	Max	0	0	0	84,5576	44,5836	-3,2166	-29,05	-25,31
2109	Shell-Thin	SLU-ENVE	Max	0	0	0	61,536	33,8895	-5,8598	-29,05	-14,43
2109	Shell-Thin	SLU-ENVE	Min	0	0	0	22,5114	11,6329	-12,6345	-64,19	-33,24
2109	Shell-Thin	SLU-ENVE	Min	0	0	0	41,0509	16,919	-10,5695	-64,19	-40,28
2109	Shell-Thin	SLU-ENVE	Min	0	0	0	49,9262	30,2727	-8,2211	-76,9	-40,28
2109	Shell-Thin	SLU-ENVE	Min	0	0	0	24,0545	17,7651	-10,2973	-76,9	-33,24
2109	Shell-Thin	SLE-ENVE	Max	0	0	0	25,4712	10,5385	-3,786	-16,01	-8,01
2109	Shell-Thin	SLE-ENVE	Max	0	0	0	37,4779	14,6679	-2,3177	-16,01	-14,06
2109	Shell-Thin	SLE-ENVE	Max	0	0	0	44,5971	24,2906	-1,7862	-13,01	-14,06

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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
2109	Shell-Thin	SLE-ENVE	Max	0	0	0	31,3685	18,2614	-3,2545	-13,01	-8,01
2109	Shell-Thin	SLE-ENVE	Min	0	0	0	11,4433	6,2803	-7,0178	-34,82	-18,46
2109	Shell-Thin	SLE-ENVE	Min	0	0	0	22,1354	9,2639	-5,8705	-34,82	-22,38
2109	Shell-Thin	SLE-ENVE	Min	0	0	0	27,0657	16,6825	-4,5659	-41,88	-22,38
2109	Shell-Thin	SLE-ENVE	Min	0	0	0	12,3008	9,6546	-5,7195	-41,88	-18,46
2110	Shell-Thin	SLU-ENVE	Max	0	0	0	61,5365	33,8921	-4,0196	-30,48	2,01
2110	Shell-Thin	SLU-ENVE	Max	0	0	0	84,5521	44,5565	-2,8097	-30,48	-0,87
2110	Shell-Thin	SLU-ENVE	Max	0	0	0	87,8303	43,8575	-1,2811	-33,09	-0,87
2110	Shell-Thin	SLU-ENVE	Max	0	0	0	63,2078	31,9553	-2,4911	-33,09	2,01
2110	Shell-Thin	SLU-ENVE	Min	0	0	0	24,0494	17,7394	-6,553	-78,22	-5,91
2110	Shell-Thin	SLU-ENVE	Min	0	0	0	49,9189	30,2359	-5,6759	-78,22	-5,24
2110	Shell-Thin	SLU-ENVE	Min	0	0	0	52,7074	30,2826	-2,5818	-80,52	-5,24
2110	Shell-Thin	SLU-ENVE	Min	0	0	0	25,4563	20,0085	-3,4589	-80,52	-5,91
2110	Shell-Thin	SLE-ENVE	Max	0	0	0	31,3688	18,2628	-2,2324	-13,8	1,12
2110	Shell-Thin	SLE-ENVE	Max	0	0	0	44,5941	24,2755	-1,5603	-13,8	-0,48
2110	Shell-Thin	SLE-ENVE	Max	0	0	0	46,4149	23,8872	-0,7113	-15,26	-0,48
2110	Shell-Thin	SLE-ENVE	Max	0	0	0	32,2966	17,1868	-1,3834	-15,26	1,12
2110	Shell-Thin	SLE-ENVE	Min	0	0	0	12,298	9,6404	-3,639	-42,62	-3,28
2110	Shell-Thin	SLE-ENVE	Min	0	0	0	27,0616	16,6621	-3,1521	-42,62	-2,91
2110	Shell-Thin	SLE-ENVE	Min	0	0	0	28,6104	16,6878	-1,4332	-43,89	-2,91
2110	Shell-Thin	SLE-ENVE	Min	0	0	0	13,0783	10,9009	-1,9202	-43,89	-3,28
2147	Shell-Thin	SLU-ENVE	Max	0	0	0	71,7171	27,2574	-1,1444	2,96	-28,77
2147	Shell-Thin	SLU-ENVE	Max	0	0	0	76,2288	29,5532	0,9061	2,96	-26,46
2147	Shell-Thin	SLU-ENVE	Max	0	0	0	88,7409	47,5267	0,8255	9,1	-26,46
2147	Shell-Thin	SLU-ENVE	Max	0	0	0	84,5148	44,5751	-1,225	9,1	-28,77
2147	Shell-Thin	SLU-ENVE	Min	0	0	0	41,053	16,9194	-7,2303	-33,56	-42,22
2147	Shell-Thin	SLU-ENVE	Min	0	0	0	39,654	17,2289	-3,9689	-33,56	-43,31
2147	Shell-Thin	SLU-ENVE	Min	0	0	0	45,4952	28,4102	-2,8104	-42,79	-43,31
2147	Shell-Thin	SLU-ENVE	Min	0	0	0	49,9627	30,28	-6,0718	-42,79	-42,22
2147	Shell-Thin	SLE-ENVE	Max	0	0	0	37,4641	14,6651	-0,635	3,41	-15,98
2147	Shell-Thin	SLE-ENVE	Max	0	0	0	39,5239	15,851	0,504	3,41	-14,7
2147	Shell-Thin	SLE-ENVE	Max	0	0	0	46,4744	25,836	0,459	6,82	-14,7
2147	Shell-Thin	SLE-ENVE	Max	0	0	0	44,5733	24,2859	-0,6799	6,82	-15,98
2147	Shell-Thin	SLE-ENVE	Min	0	0	0	22,1365	9,2641	-4,0156	-15,9	-23,46
2147	Shell-Thin	SLE-ENVE	Min	0	0	0	20,4779	9,2594	-2,204	-15,9	-24,06
2147	Shell-Thin	SLE-ENVE	Min	0	0	0	23,7223	15,4711	-1,5604	-21,03	-24,06
2147	Shell-Thin	SLE-ENVE	Min	0	0	0	27,0859	16,6865	-3,3721	-21,03	-23,46
2148	Shell-Thin	SLU-ENVE	Max	0	0	0	84,5093	44,5479	-0,9465	8,81	-1,8
2148	Shell-Thin	SLU-ENVE	Max	0	0	0	88,7304	47,4741	0,0013	8,81	0,42
2148	Shell-Thin	SLU-ENVE	Max	0	0	0	93,033	47,8345	0,0616	9,91	0,42
2148	Shell-Thin	SLU-ENVE	Max	0	0	0	87,7724	43,8459	-0,8862	9,91	-1,8
2148	Shell-Thin	SLU-ENVE	Min	0	0	0	49,9553	30,2432	-3,6508	-43,21	-5,32
2148	Shell-Thin	SLU-ENVE	Min	0	0	0	45,4905	28,3866	-2,1503	-43,21	-11,02
2148	Shell-Thin	SLU-ENVE	Min	0	0	0	47,7089	30,5361	-0,659	-42,68	-11,02
2148	Shell-Thin	SLU-ENVE	Min	0	0	0	52,7249	30,2861	-2,1595	-42,68	-5,32
2148	Shell-Thin	SLE-ENVE	Max	0	0	0	44,5703	24,2708	-0,5253	6,66	-1
2148	Shell-Thin	SLE-ENVE	Max	0	0	0	46,4685	25,8068	0,001	6,66	0,23
2148	Shell-Thin	SLE-ENVE	Max	0	0	0	48,8582	26,0069	0,0344	7,27	0,23
2148	Shell-Thin	SLE-ENVE	Max	0	0	0	46,3828	23,8808	-0,4919	7,27	-1
2148	Shell-Thin	SLE-ENVE	Min	0	0	0	27,0818	16,6661	-2,0271	-21,27	-2,96
2148	Shell-Thin	SLE-ENVE	Min	0	0	0	23,7197	15,4579	-1,1937	-21,27	-6,12
2148	Shell-Thin	SLE-ENVE	Min	0	0	0	24,9516	16,6521	-0,3653	-20,97	-6,12

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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
2148	Shell-Thin	SLE-ENVE	Min	0	0	0	28,6201	16,6898	-1,1987	-20,97	-2,96
2185	Shell-Thin	SLU-ENVE	Max	0	0	0	76,2206	29,5516	2,9769	36,94	-24,41
2185	Shell-Thin	SLU-ENVE	Max	0	0	0	68,7153	27,1691	6,2551	36,94	-19,11
2185	Shell-Thin	SLU-ENVE	Max	0	0	0	81,693	44,8755	5,2853	42,19	-19,11
2185	Shell-Thin	SLU-ENVE	Max	0	0	0	88,6873	47,5159	2,0535	42,19	-24,41
2185	Shell-Thin	SLU-ENVE	Min	0	0	0	39,6663	17,2313	0,1684	2,4	-43,56
2185	Shell-Thin	SLU-ENVE	Min	0	0	0	28,7452	14,4622	1,7617	2,4	-43,04
2185	Shell-Thin	SLU-ENVE	Min	0	0	0	31,618	23,009	1,745	-4,83	-43,04
2185	Shell-Thin	SLU-ENVE	Min	0	0	0	45,5885	28,4289	0,0395	-4,83	-43,56
2185	Shell-Thin	SLE-ENVE	Max	0	0	0	39,5193	15,85	1,6542	21,22	-13,56
2185	Shell-Thin	SLE-ENVE	Max	0	0	0	34,145	14,2856	3,4752	21,22	-10,62
2185	Shell-Thin	SLE-ENVE	Max	0	0	0	41,3538	24,122	2,9363	24,13	-10,62
2185	Shell-Thin	SLE-ENVE	Max	0	0	0	46,4446	25,83	1,141	24,13	-13,56
2185	Shell-Thin	SLE-ENVE	Min	0	0	0	20,4847	9,2608	0,0938	3,75	-24,2
2185	Shell-Thin	SLE-ENVE	Min	0	0	0	13,1453	7,4676	0,9786	3,75	-23,91
2185	Shell-Thin	SLE-ENVE	Min	0	0	0	14,7404	12,2154	0,9693	-0,26	-23,91
2185	Shell-Thin	SLE-ENVE	Min	0	0	0	23,7742	15,4814	0,0226	-0,26	-24,2
2186	Shell-Thin	SLU-ENVE	Max	0	0	0	88,6768	47,4634	1,5879	42,69	0,31
2186	Shell-Thin	SLU-ENVE	Max	0	0	0	81,6882	44,8516	3,0962	42,69	-2,2
2186	Shell-Thin	SLU-ENVE	Max	0	0	0	85,0302	44,3434	1,8723	44,88	-2,2
2186	Shell-Thin	SLU-ENVE	Max	0	0	0	93,0336	47,8346	0,364	44,88	0,31
2186	Shell-Thin	SLU-ENVE	Min	0	0	0	45,5838	28,4053	0,1888	-4,27	-11,03
2186	Shell-Thin	SLU-ENVE	Min	0	0	0	31,6106	22,972	1,3062	-4,27	-7,98
2186	Shell-Thin	SLU-ENVE	Min	0	0	0	33,9046	26,2651	0,7454	-2,67	-7,98
2186	Shell-Thin	SLU-ENVE	Min	0	0	0	47,7184	30,538	-0,3719	-2,67	-11,03
2186	Shell-Thin	SLE-ENVE	Max	0	0	0	46,4387	25,8008	0,8824	24,41	0,17
2186	Shell-Thin	SLE-ENVE	Max	0	0	0	41,3511	24,1088	1,72	24,41	-1,22
2186	Shell-Thin	SLE-ENVE	Max	0	0	0	43,207	23,8264	1,0401	25,63	-1,22
2186	Shell-Thin	SLE-ENVE	Max	0	0	0	48,8585	26,007	0,2025	25,63	0,17
2186	Shell-Thin	SLE-ENVE	Min	0	0	0	23,7715	15,4683	0,1055	0,04301	-6,13
2186	Shell-Thin	SLE-ENVE	Min	0	0	0	14,7363	12,195	0,7259	0,04301	-4,43
2186	Shell-Thin	SLE-ENVE	Min	0	0	0	16,0099	14,0249	0,4143	0,93	-4,43
2186	Shell-Thin	SLE-ENVE	Min	0	0	0	24,9568	16,6532	-0,2061	0,93	-6,13
2223	Shell-Thin	SLU-ENVE	Max	0	0	0	68,7376	27,1736	9,6397	72,22	-18,82
2223	Shell-Thin	SLU-ENVE	Max	0	0	0	50,962	20,6357	11,8152	72,22	-18,6
2223	Shell-Thin	SLU-ENVE	Max	0	0	0	61,8747	34,9792	9,6395	84,32	-18,6
2223	Shell-Thin	SLU-ENVE	Max	0	0	0	81,7358	44,884	7,4641	84,32	-18,82
2223	Shell-Thin	SLU-ENVE	Min	0	0	0	28,75	14,4632	4,4179	26,72	-41,24
2223	Shell-Thin	SLU-ENVE	Min	0	0	0	16,1627	10,3273	5,279	26,72	-34,24
2223	Shell-Thin	SLU-ENVE	Min	0	0	0	20,8215	18,7674	4,508	23,14	-34,24
2223	Shell-Thin	SLU-ENVE	Min	0	0	0	31,6219	23,0097	3,4926	23,14	-41,24
2223	Shell-Thin	SLE-ENVE	Max	0	0	0	34,1574	14,2881	5,3551	42,15	-10,45
2223	Shell-Thin	SLE-ENVE	Max	0	0	0	20,3075	9,8597	6,5635	42,15	-10,33
2223	Shell-Thin	SLE-ENVE	Max	0	0	0	26,3693	17,8287	5,3548	48,9	-10,33
2223	Shell-Thin	SLE-ENVE	Max	0	0	0	41,3776	24,1267	4,1463	48,9	-10,45
2223	Shell-Thin	SLE-ENVE	Min	0	0	0	13,1479	7,4681	2,4541	18,17	-22,91
2223	Shell-Thin	SLE-ENVE	Min	0	0	0	4,4919	4,8369	2,9322	18,17	-19,02
2223	Shell-Thin	SLE-ENVE	Min	0	0	0	7,0795	9,5262	2,5037	16,18	-19,02
2223	Shell-Thin	SLE-ENVE	Min	0	0	0	14,7425	12,2158	1,9397	16,18	-22,91
2224	Shell-Thin	SLU-ENVE	Max	0	0	0	81,7311	44,8602	5,1499	85,5	-1,35
2224	Shell-Thin	SLU-ENVE	Max	0	0	0	61,8733	34,9721	6,0654	85,5	1,38
2224	Shell-Thin	SLU-ENVE	Max	0	0	0	63,7129	33,2718	3,2142	87,36	1,38

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**Table: Element Forces - Area Shells**

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
2224	Shell-Thin	SLU-ENVE	Max	0	0	0	85,0774	44,3529	2,2988	87,36	-1,35
2224	Shell-Thin	SLU-ENVE	Min	0	0	0	31,6145	22,9728	2,8401	24,31	-7,81
2224	Shell-Thin	SLU-ENVE	Min	0	0	0	20,8166	18,743	3,4518	24,31	-7,28
2224	Shell-Thin	SLU-ENVE	Min	0	0	0	22,2594	19,4883	2,0939	26,03	-7,28
2224	Shell-Thin	SLU-ENVE	Min	0	0	0	33,9162	26,2674	1,1622	26,03	-7,81
2224	Shell-Thin	SLE-ENVE	Max	0	0	0	41,3749	24,1135	2,8607	49,55	-0,75
2224	Shell-Thin	SLE-ENVE	Max	0	0	0	26,3684	17,8243	3,3688	49,55	0,77
2224	Shell-Thin	SLE-ENVE	Max	0	0	0	27,3885	16,8798	1,7847	50,59	0,77
2224	Shell-Thin	SLE-ENVE	Max	0	0	0	43,2333	23,8316	1,2766	50,59	-0,75
2224	Shell-Thin	SLE-ENVE	Min	0	0	0	14,7384	12,1954	1,5773	16,83	-4,34
2224	Shell-Thin	SLE-ENVE	Min	0	0	0	7,0767	9,5123	1,9165	16,83	-4,04
2224	Shell-Thin	SLE-ENVE	Min	0	0	0	7,8762	9,9264	1,1619	17,79	-4,04
2224	Shell-Thin	SLE-ENVE	Min	0	0	0	16,0164	14,0262	0,6455	17,79	-4,34
2226	Shell-Thin	SLU-ENVE	Max	0	0	0	79,6238	43,9318	3,602	10,34	3,97
2226	Shell-Thin	SLU-ENVE	Max	0	0	0	77,4843	43,3835	3,7068	10,34	4,76
2226	Shell-Thin	SLU-ENVE	Max	0	0	0	82,7962	73,254	2,8293	18,27	4,76
2226	Shell-Thin	SLU-ENVE	Max	0	0	0	87,7071	76,8453	2,8105	18,27	3,97
2226	Shell-Thin	SLU-ENVE	Min	0	0	0	6,4154	-7,8053	-0,0227	-1,72	-66,18
2226	Shell-Thin	SLU-ENVE	Min	0	0	0	5,8363	-7,6527	-0,1587	-1,72	-60,09
2226	Shell-Thin	SLU-ENVE	Min	0	0	0	5,5433	-9,4843	-0,1238	-1,67	-60,09
2226	Shell-Thin	SLU-ENVE	Min	0	0	0	5,7832	-8,2734	0,0122	-1,67	-66,18
2226	Shell-Thin	SLE-ENVE	Max	0	0	0	45,7923	24,723	2,0011	4,47	2,2
2226	Shell-Thin	SLE-ENVE	Max	0	0	0	44,7721	24,4524	2,0595	4,47	2,64
2226	Shell-Thin	SLE-ENVE	Max	0	0	0	47,724	41,0468	1,5723	9,59	2,64
2226	Shell-Thin	SLE-ENVE	Max	0	0	0	50,2836	43,009	1,5617	9,59	2,2
2226	Shell-Thin	SLE-ENVE	Min	0	0	0	7,7423	-3,4926	-0,0126	-1,32	-36,77
2226	Shell-Thin	SLE-ENVE	Min	0	0	0	8,1282	-3,3853	-0,088	-1,32	-33,38
2226	Shell-Thin	SLE-ENVE	Min	0	0	0	7,7707	-4,1199	-0,0687	-1,3	-33,38
2226	Shell-Thin	SLE-ENVE	Min	0	0	0	7,3918	-3,7516	0,0067	-1,3	-36,77
2227	Shell-Thin	SLU-ENVE	Max	0	0	0	77,4839	43,3834	3,6193	18,2	4,61
2227	Shell-Thin	SLU-ENVE	Max	0	0	0	75,4779	41,856	3,6828	18,2	5,61
2227	Shell-Thin	SLU-ENVE	Max	0	0	0	83,5444	73,3638	3,0995	18,09	5,61
2227	Shell-Thin	SLU-ENVE	Max	0	0	0	82,8008	73,2549	2,961	18,09	4,61
2227	Shell-Thin	SLU-ENVE	Min	0	0	0	5,8364	-7,6526	-0,3605	5,88	-60,2
2227	Shell-Thin	SLU-ENVE	Min	0	0	0	0,822	-8,8948	-0,5751	5,88	-63,48
2227	Shell-Thin	SLU-ENVE	Min	0	0	0	0,5608	-	-0,488	-1,67	-63,48
								11,8038			
2227	Shell-Thin	SLU-ENVE	Min	0	0	0	5,5421	-9,4845	-0,2734	-1,67	-60,2
2227	Shell-Thin	SLE-ENVE	Max	0	0	0	44,7719	24,4523	2,0114	9,93	2,56
2227	Shell-Thin	SLE-ENVE	Max	0	0	0	43,4979	23,5715	2,0469	9,93	3,11
2227	Shell-Thin	SLE-ENVE	Max	0	0	0	47,9799	41,0765	1,7224	9,87	3,11
2227	Shell-Thin	SLE-ENVE	Max	0	0	0	47,7265	41,0473	1,6453	9,87	2,56
2227	Shell-Thin	SLE-ENVE	Min	0	0	0	8,1285	-3,3853	-0,1999	3,99	-33,45
2227	Shell-Thin	SLE-ENVE	Min	0	0	0	6,2034	-3,7821	-0,3189	3,99	-35,27
2227	Shell-Thin	SLE-ENVE	Min	0	0	0	6,0592	-5,3974	-0,2705	-0,39	-35,27
2227	Shell-Thin	SLE-ENVE	Min	0	0	0	7,7711	-4,1201	-0,1515	-0,39	-33,45
2261	Shell-Thin	SLU-ENVE	Max	0	0	0	50,9833	20,6399	14,0661	105,43	-18,35
2261	Shell-Thin	SLU-ENVE	Max	0	0	0	6,9732	8,0966	14,7226	105,43	-8,89
2261	Shell-Thin	SLU-ENVE	Max	0	0	0	11,6036	16,5043	11,7654	120,47	-8,89
2261	Shell-Thin	SLU-ENVE	Max	0	0	0	61,8867	34,9816	11,1089	120,47	-18,35
2261	Shell-Thin	SLU-ENVE	Min	0	0	0	16,1674	10,3283	6,7297	48,83	-33,26
2261	Shell-Thin	SLU-ENVE	Min	0	0	0	-20,5269	1,5859	8,14	48,83	-21,39



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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
2261	Shell-Thin	SLU-ENVE	Min	0	0	0	-21,2691	5,7526	6,8446	47,17	-21,39
2261	Shell-Thin	SLU-ENVE	Min	0	0	0	20,711	18,7453	5,4343	47,17	-33,26
2261	Shell-Thin	SLE-ENVE	Max	0	0	0	20,3195	9,8621	7,8137	60,27	-10,19
2261	Shell-Thin	SLE-ENVE	Max	0	0	0	-4,984	2,7244	8,1781	60,27	-4,93
2261	Shell-Thin	SLE-ENVE	Max	0	0	0	-2,4108	7,3889	6,535	68,63	-4,93
2261	Shell-Thin	SLE-ENVE	Max	0	0	0	26,3755	17,8299	6,1706	68,63	-10,19
2261	Shell-Thin	SLE-ENVE	Min	0	0	0	4,4947	4,8375	3,7383	31,24	-18,48
2261	Shell-Thin	SLE-ENVE	Min	0	0	0	-16,2373	-0,0874	4,5221	31,24	-11,87
2261	Shell-Thin	SLE-ENVE	Min	0	0	0	-16,6494	2,2219	3,8012	30,31	-11,87
2261	Shell-Thin	SLE-ENVE	Min	0	0	0	7,0177	9,5139	3,0174	30,31	-18,48
2262	Shell-Thin	SLU-ENVE	Max	0	0	0	61,8853	34,9745	7,3145	122,18	1,9
2262	Shell-Thin	SLU-ENVE	Max	0	0	0	11,6096	16,5344	7,7988	122,18	3,06
2262	Shell-Thin	SLU-ENVE	Max	0	0	0	12,8412	15,8757	3,9676	125,7	3,06
2262	Shell-Thin	SLU-ENVE	Max	0	0	0	63,7554	33,2803	3,4832	125,7	1,9
2262	Shell-Thin	SLU-ENVE	Min	0	0	0	20,7062	18,7209	4,3453	48,62	-6,47
2262	Shell-Thin	SLU-ENVE	Min	0	0	0	-21,2586	5,8052	4,7648	48,62	-4,62
2262	Shell-Thin	SLU-ENVE	Min	0	0	0	-21,1299	7,5223	2,7296	51,53	-4,62
2262	Shell-Thin	SLU-ENVE	Min	0	0	0	22,3259	19,5016	2,3101	51,53	-6,47
2262	Shell-Thin	SLE-ENVE	Max	0	0	0	26,3747	17,8256	4,0624	69,58	1,06
2262	Shell-Thin	SLE-ENVE	Max	0	0	0	-2,407	7,4077	4,3306	69,58	1,68
2262	Shell-Thin	SLE-ENVE	Max	0	0	0	-1,7269	7,0509	2,2025	71,53	1,68
2262	Shell-Thin	SLE-ENVE	Max	0	0	0	27,4127	16,8847	1,9343	71,53	1,06
2262	Shell-Thin	SLE-ENVE	Min	0	0	0	7,0149	9,4999	2,4117	31,11	-3,59
2262	Shell-Thin	SLE-ENVE	Min	0	0	0	-16,6432	2,2529	2,6432	31,11	-2,57
2262	Shell-Thin	SLE-ENVE	Min	0	0	0	-16,5755	3,2141	1,5131	32,74	-2,57
2262	Shell-Thin	SLE-ENVE	Min	0	0	0	7,9138	9,9339	1,2816	32,74	-3,59
2263	Shell-Thin	SLU-ENVE	Max	0	0	0	87,6941	76,7805	1,9404	18,22	2,01
2263	Shell-Thin	SLU-ENVE	Max	0	0	0	82,7725	73,1355	1,9545	18,22	2,16
2263	Shell-Thin	SLU-ENVE	Max	0	0	0	87,8691	81,8324	1,0322	13,63	2,16
2263	Shell-Thin	SLU-ENVE	Max	0	0	0	91,4153	82,4918	1,018	13,63	2,01
2263	Shell-Thin	SLU-ENVE	Min	0	0	0	5,7855	-8,262	0,0113	-1,65	-13,9
2263	Shell-Thin	SLU-ENVE	Min	0	0	0	5,5406	-9,4982	-0,0646	-1,65	-19,87
2263	Shell-Thin	SLU-ENVE	Min	0	0	0	5,4414	-	-0,0393	-1,66	-19,87
								10,6009			
2263	Shell-Thin	SLU-ENVE	Min	0	0	0	5,4799	-8,7464	-0,0998	-1,66	-13,9
2263	Shell-Thin	SLE-ENVE	Max	0	0	0	50,2765	42,9735	1,0781	9,56	1,12
2263	Shell-Thin	SLE-ENVE	Max	0	0	0	47,7106	40,9802	1,0859	9,56	1,19
2263	Shell-Thin	SLE-ENVE	Max	0	0	0	50,5447	45,8173	0,5744	7	1,19
2263	Shell-Thin	SLE-ENVE	Max	0	0	0	52,343	46,1444	0,5666	7	1,12
2263	Shell-Thin	SLE-ENVE	Min	0	0	0	7,3931	-3,7448	0,0057	-1,29	-7,72
2263	Shell-Thin	SLE-ENVE	Min	0	0	0	7,7705	-4,1284	-0,0364	-1,29	-11,05
2263	Shell-Thin	SLE-ENVE	Min	0	0	0	7,605	-4,7345	-0,0214	-1,31	-11,05
2263	Shell-Thin	SLE-ENVE	Min	0	0	0	7,2222	-3,7856	-0,0552	-1,31	-7,72
2264	Shell-Thin	SLU-ENVE	Max	0	0	0	82,7771	73,1364	2,4056	18,5	2,08
2264	Shell-Thin	SLU-ENVE	Max	0	0	0	83,5485	73,3844	3,2163	18,5	2,55
2264	Shell-Thin	SLU-ENVE	Max	0	0	0	87,7878	78,8838	2,2306	18,47	2,55
2264	Shell-Thin	SLU-ENVE	Max	0	0	0	87,8617	81,8309	1,42	18,47	2,08
2264	Shell-Thin	SLU-ENVE	Min	0	0	0	5,5394	-9,4984	-0,2041	-0,6	-20,09
2264	Shell-Thin	SLU-ENVE	Min	0	0	0	0,5686	-	-0,3161	-0,6	-13,7
								11,7647			
2264	Shell-Thin	SLU-ENVE	Min	0	0	0	0,477	-	-0,2043	2,22	-13,7
								13,0997			

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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
2264	Shell-Thin	SLU-ENVE	Min	0	0	0	5,4395	-	-0,0923	2,22	-20,09
								10,6013			
2264	Shell-Thin	SLE-ENVE	Max	0	0	0	47,7132	40,9807	1,3372	10,1	1,14
2264	Shell-Thin	SLE-ENVE	Max	0	0	0	47,9822	41,0885	1,7877	10,1	1,42
2264	Shell-Thin	SLE-ENVE	Max	0	0	0	50,3365	44,1417	1,2391	10,1	1,42
2264	Shell-Thin	SLE-ENVE	Max	0	0	0	50,5406	45,8165	0,7886	10,1	1,14
2264	Shell-Thin	SLE-ENVE	Min	0	0	0	7,7709	-4,1285	-0,1126	0,2	-11,17
2264	Shell-Thin	SLE-ENVE	Min	0	0	0	6,0636	-5,3751	-0,1747	0,2	-7,61
2264	Shell-Thin	SLE-ENVE	Min	0	0	0	6,0117	-6,1176	-0,1137	1,78	-7,61
2264	Shell-Thin	SLE-ENVE	Min	0	0	0	7,6046	-4,7347	-0,0516	1,78	-11,17
2299	Shell-Thin	SLU-ENVE	Max	0	0	0	6,9933	8,1006	14,7619	125,76	-5,74
2299	Shell-Thin	SLU-ENVE	Max	0	0	0	-49,6724	-8,0413	14,3435	125,76	2,2
2299	Shell-Thin	SLU-ENVE	Max	0	0	0	-49,4512	-4,7516	11,3907	145,71	2,2
2299	Shell-Thin	SLU-ENVE	Max	0	0	0	11,9117	16,566	11,8091	145,71	-5,74
2299	Shell-Thin	SLU-ENVE	Min	0	0	0	-20,5172	1,5879	9,9113	90,05	-16,09
2299	Shell-Thin	SLU-ENVE	Min	0	0	0	-70,6721	-	10,3205	90,05	-7,55
								12,1854			
2299	Shell-Thin	SLU-ENVE	Min	0	0	0	-76,198	-	8,2927	104,35	-7,55
								11,8497			
2299	Shell-Thin	SLU-ENVE	Min	0	0	0	-21,1102	5,7844	7,8835	104,35	-16,09
2299	Shell-Thin	SLE-ENVE	Max	0	0	0	-4,9742	2,7264	8,1999	71,99	-3,18
2299	Shell-Thin	SLE-ENVE	Max	0	0	0	-34,8886	-5,9245	7,9661	71,99	1,24
2299	Shell-Thin	SLE-ENVE	Max	0	0	0	-34,776	-4,1023	6,328	83,12	1,24
2299	Shell-Thin	SLE-ENVE	Max	0	0	0	-2,2349	7,424	6,5618	83,12	-3,18
2299	Shell-Thin	SLE-ENVE	Min	0	0	0	-16,233	-0,0866	5,5057	54,9	-8,93
2299	Shell-Thin	SLE-ENVE	Min	0	0	0	-45,8391	-8,084	5,7316	54,9	-4,18
2299	Shell-Thin	SLE-ENVE	Min	0	0	0	-48,9176	-7,9018	4,6076	62,04	-4,18
2299	Shell-Thin	SLE-ENVE	Min	0	0	0	-16,5573	2,2403	4,3817	62,04	-8,93
2300	Shell-Thin	SLU-ENVE	Max	0	0	0	11,9177	16,596	7,7632	148,01	4,05
2300	Shell-Thin	SLU-ENVE	Max	0	0	0	-49,5124	-5,0578	7,6797	148,01	6,59
2300	Shell-Thin	SLU-ENVE	Max	0	0	0	-51,6418	-7,6034	3,6403	150,43	6,59
2300	Shell-Thin	SLU-ENVE	Max	0	0	0	12,6026	15,828	3,9639	150,43	4,05
2300	Shell-Thin	SLU-ENVE	Min	0	0	0	-21,0997	5,837	5,3483	106,1	-2,38
2300	Shell-Thin	SLU-ENVE	Min	0	0	0	-76,2771	-12,245	5,3323	106,1	-0,1
2300	Shell-Thin	SLU-ENVE	Min	0	0	0	-78,7383	-	2,4887	107,09	-0,1
								12,7996			
2300	Shell-Thin	SLU-ENVE	Min	0	0	0	-21,3526	7,4778	2,5047	107,09	-2,38
2300	Shell-Thin	SLE-ENVE	Max	0	0	0	-2,2312	7,4429	4,3105	84,42	2,23
2300	Shell-Thin	SLE-ENVE	Max	0	0	0	-34,8116	-4,28	4,2682	84,42	3,66
2300	Shell-Thin	SLE-ENVE	Max	0	0	0	-35,9695	-5,9731	2,0168	85,63	3,66
2300	Shell-Thin	SLE-ENVE	Max	0	0	0	-1,8728	7,0218	2,197	85,63	2,23
2300	Shell-Thin	SLE-ENVE	Min	0	0	0	-16,5511	2,2713	2,968	63,36	-1,33
2300	Shell-Thin	SLE-ENVE	Min	0	0	0	-48,9627	-8,1272	2,9649	63,36	-0,07423
2300	Shell-Thin	SLE-ENVE	Min	0	0	0	-50,3118	-8,4344	1,3766	64,29	-0,07423
2300	Shell-Thin	SLE-ENVE	Min	0	0	0	-16,71	3,1872	1,3797	64,29	-1,33
2337	Shell-Thin	SLU-ENVE	Max	0	0	0	-49,6043	-8,0277	12,3512	155,48	7,39
2337	Shell-Thin	SLU-ENVE	Max	0	0	0	-83,5252	-	10,4839	155,48	9,75
								16,9299			
2337	Shell-Thin	SLU-ENVE	Max	0	0	0	-91,8251	-	8,3953	192,54	9,75
								17,4919			
2337	Shell-Thin	SLU-ENVE	Max	0	0	0	-49,4579	-4,753	10,2626	192,54	7,39
2337	Shell-Thin	SLU-ENVE	Min	0	0	0	-70,6158	-	9,1508	115,67	-1,82
								12,1741			

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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
2337	Shell-Thin	SLU-ENVE	Min	0	0	0	-113,432	-	7,1988	115,67	5,42
								23,0458			
2337	Shell-Thin	SLU-ENVE	Min	0	0	0	-126,8954	-	5,8035	137,54	5,42
								23,9376			
2337	Shell-Thin	SLU-ENVE	Min	0	0	0	-76,3903	-	7,7555	137,54	-1,82
								11,8881			
2337	Shell-Thin	SLE-ENVE	Max	0	0	0	-34,8496	-5,9167	6,8509	87,42	4,12
2337	Shell-Thin	SLE-ENVE	Max	0	0	0	-57,0527	-11,554	5,8131	87,42	5,36
2337	Shell-Thin	SLE-ENVE	Max	0	0	0	-61,6253	-	4,6633	107,91	5,36
								11,7861			
2337	Shell-Thin	SLE-ENVE	Max	0	0	0	-34,7838	-4,1038	5,7012	107,91	4,12
2337	Shell-Thin	SLE-ENVE	Min	0	0	0	-45,807	-8,0776	5,0742	69,79	-1
2337	Shell-Thin	SLE-ENVE	Min	0	0	0	-69,9154	-	3,9891	69,79	2,85
								14,1894			
2337	Shell-Thin	SLE-ENVE	Min	0	0	0	-77,3842	-	3,2227	80,9	2,85
								14,6566			
2337	Shell-Thin	SLE-ENVE	Min	0	0	0	-49,0275	-7,9238	4,3077	80,9	-1
2338	Shell-Thin	SLU-ENVE	Max	0	0	0	-49,5192	-5,0591	7,4726	195,34	8,2
2338	Shell-Thin	SLU-ENVE	Max	0	0	0	-91,6869	-	6,5735	195,34	27,19
								16,8007			
2338	Shell-Thin	SLU-ENVE	Max	0	0	0	-98,0091	-	2,5482	211,81	27,19
								24,1966			
2338	Shell-Thin	SLU-ENVE	Max	0	0	0	-51,0989	-7,4936	3,4473	211,81	8,2
2338	Shell-Thin	SLU-ENVE	Min	0	0	0	-76,4693	-	5,3769	139,81	2,75
								12,2834			
2338	Shell-Thin	SLU-ENVE	Min	0	0	0	-126,667	-	4,7827	139,81	16,77
								22,7952			
2338	Shell-Thin	SLU-ENVE	Min	0	0	0	-135,5841	-	1,4944	160,22	16,77
								34,7168			
2338	Shell-Thin	SLU-ENVE	Min	0	0	0	-78,0553	-12,663	2,163	160,22	2,75
2338	Shell-Thin	SLE-ENVE	Max	0	0	0	-34,8194	-4,2816	4,1829	109,5	4,56
2338	Shell-Thin	SLE-ENVE	Max	0	0	0	-61,5405	-	3,6767	109,5	15,42
								11,3622			
2338	Shell-Thin	SLE-ENVE	Max	0	0	0	-65,2826	-	1,3989	119,16	15,42
								15,8828			
2338	Shell-Thin	SLE-ENVE	Max	0	0	0	-35,6555	-5,9103	1,905	119,16	4,56
2338	Shell-Thin	SLE-ENVE	Min	0	0	0	-49,0726	-8,1491	3,0238	82,65	1,53
2338	Shell-Thin	SLE-ENVE	Min	0	0	0	-77,2544	-	2,6862	82,65	10,17
								14,0075			
2338	Shell-Thin	SLE-ENVE	Min	0	0	0	-82,2933	-	0,8193	95,2	10,17
								20,7797			
2338	Shell-Thin	SLE-ENVE	Min	0	0	0	-49,9231	-8,3567	1,1905	95,2	1,53
2375	Shell-Thin	SLU-ENVE	Max	0	0	0	-83,5406	-16,933	8,445	-57,04	9,5
2375	Shell-Thin	SLU-ENVE	Max	0	0	0	-71,5623	-	7,003	-57,04	11,75
								15,0492			
2375	Shell-Thin	SLU-ENVE	Max	0	0	0	-78,2866	-	5,2499	-64,76	11,75
								17,0055			
2375	Shell-Thin	SLU-ENVE	Max	0	0	0	-91,8086	-	6,6919	-64,76	9,5
								17,4886			
2375	Shell-Thin	SLU-ENVE	Min	0	0	0	-113,4604	-	4,9843	-126,7	7,15
								23,0515			
2375	Shell-Thin	SLU-ENVE	Min	0	0	0	-87,7402	-	3,4405	-126,7	7,31
								18,3965			
2375	Shell-Thin	SLU-ENVE	Min	0	0	0	-93,0195	-	2,4904	-167,53	7,31
								19,0928			

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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
2375	Shell-Thin	SLU-ENVE	Min	0	0	0	-126,9047	-	4,0084	-167,53	7,15
								23,9394			
2375	Shell-Thin	SLE-ENVE	Max	0	0	0	-57,0619	-	4,6932	-38,75	5,22
								11,5558			
2375	Shell-Thin	SLE-ENVE	Max	0	0	0	-48,9903	-	3,8913	-38,75	6,53
								10,2055			
2375	Shell-Thin	SLE-ENVE	Max	0	0	0	-52,7599	-11,261	2,9075	-42,67	6,53
2375	Shell-Thin	SLE-ENVE	Max	0	0	0	-61,6141	-	3,7093	-42,67	5,22
								11,7839			
2375	Shell-Thin	SLE-ENVE	Min	0	0	0	-69,9314	-	2,766	-74,18	3,81
								14,1926			
2375	Shell-Thin	SLE-ENVE	Min	0	0	0	-54,8835	-	1,9076	-74,18	4,06
								11,4473			
2375	Shell-Thin	SLE-ENVE	Min	0	0	0	-57,8481	-	1,376	-96,73	4,06
								12,4723			
2375	Shell-Thin	SLE-ENVE	Min	0	0	0	-77,3887	-	2,2189	-96,73	3,81
								14,6574			
2376	Shell-Thin	SLU-ENVE	Max	0	0	0	-91,6704	-	3,7214	-65,54	27,62
								16,7974			
2376	Shell-Thin	SLU-ENVE	Max	0	0	0	-78,3312	-	2,9697	-65,54	12,14
								17,2287			
2376	Shell-Thin	SLU-ENVE	Max	0	0	0	-79,5003	-	2,047	-91,97	12,14
								18,5021			
2376	Shell-Thin	SLU-ENVE	Max	0	0	0	-98,1249	-	2,7988	-91,97	27,62
								24,2198			
2376	Shell-Thin	SLU-ENVE	Min	0	0	0	-126,6762	-	2,1371	-168,97	17,3
								22,7971			
2376	Shell-Thin	SLU-ENVE	Min	0	0	0	-93,0889	-	1,3968	-168,97	5
								19,3274			
2376	Shell-Thin	SLU-ENVE	Min	0	0	0	-96,1105	-	1,5368	-199,35	5
								23,0613			
2376	Shell-Thin	SLU-ENVE	Min	0	0	0	-135,7733	-	2,0272	-199,35	17,3
								34,7547			
2376	Shell-Thin	SLE-ENVE	Max	0	0	0	-61,5294	-11,36	2,0262	-43,18	15,65
2376	Shell-Thin	SLE-ENVE	Max	0	0	0	-52,7877	-	1,6042	-43,18	6,79
								11,4254			
2376	Shell-Thin	SLE-ENVE	Max	0	0	0	-53,3506	-	1,142	-59,49	6,79
								12,1839			
2376	Shell-Thin	SLE-ENVE	Max	0	0	0	-65,353	-	1,564	-59,49	15,65
								15,8969			
2376	Shell-Thin	SLE-ENVE	Min	0	0	0	-77,2589	-	1,1673	-97,56	10,46
								14,0084			
2376	Shell-Thin	SLE-ENVE	Min	0	0	0	-57,8767	-	0,7539	-97,56	2,9
								12,6154			
2376	Shell-Thin	SLE-ENVE	Min	0	0	0	-59,5197	-14,061	0,8599	-115,02	2,9
2376	Shell-Thin	SLE-ENVE	Min	0	0	0	-82,4006	-	1,1373	-115,02	10,46
								20,8011			
2413	Shell-Thin	SLU-ENVE	Max	0	0	0	-71,5705	-	4,4448	-47,19	8,76
								15,0508			
2413	Shell-Thin	SLU-ENVE	Max	0	0	0	-47,4041	-	2,292	-47,19	8,09
								11,3698			
2413	Shell-Thin	SLU-ENVE	Max	0	0	0	-48,235	-	1,4771	-55,7	8,09
								10,8337			
2413	Shell-Thin	SLU-ENVE	Max	0	0	0	-78,1109	-	3,6299	-55,7	8,76
								16,9704			
2413	Shell-Thin	SLU-ENVE	Min	0	0	0	-87,7719	-	1,7884	-76,08	1,9
								18,4029			

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**Table: Element Forces - Area Shells**

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
2413	Shell-Thin	SLU-ENVE	Min	0	0	0	-53,698	-	0,9086	-76,08	0,21
								13,3512			
2413	Shell-Thin	SLU-ENVE	Min	0	0	0	-56,594	-	0,451	-88,41	0,21
								15,2452			
2413	Shell-Thin	SLU-ENVE	Min	0	0	0	-92,8956	-	1,3308	-88,41	1,9
								19,0493			
2413	Shell-Thin	SLE-ENVE	Max	0	0	0	-48,9971	-	2,4615	-32,66	4,86
								10,2069			
2413	Shell-Thin	SLE-ENVE	Max	0	0	0	-31,5093	-7,2744	1,2641	-32,66	4,5
2413	Shell-Thin	SLE-ENVE	Max	0	0	0	-30,9248	-6,8443	0,8083	-37,47	4,5
2413	Shell-Thin	SLE-ENVE	Max	0	0	0	-52,6546	-11,246	2,0058	-37,47	4,86
2413	Shell-Thin	SLE-ENVE	Min	0	0	0	-54,9019	-11,451	0,9858	-46,27	1,05
2413	Shell-Thin	SLE-ENVE	Min	0	0	0	-35,7281	-8,6196	0,4959	-46,27	0,12
2413	Shell-Thin	SLE-ENVE	Min	0	0	0	-37,4415	-9,673	0,2407	-53,16	0,12
2413	Shell-Thin	SLE-ENVE	Min	0	0	0	-57,759	-	0,7306	-53,16	1,05
								12,4468			
2414	Shell-Thin	SLU-ENVE	Max	0	0	0	-78,1556	-	2,156	-56,17	10,12
								17,1936			
2414	Shell-Thin	SLU-ENVE	Max	0	0	0	-48,2272	-	1,2782	-56,17	4,75
								10,7949			
2414	Shell-Thin	SLU-ENVE	Max	0	0	0	-49,1549	-12,458	0,6781	-55,67	4,75
2414	Shell-Thin	SLU-ENVE	Max	0	0	0	-79,8237	-	1,5559	-55,67	10,12
								18,5668			
2414	Shell-Thin	SLU-ENVE	Min	0	0	0	-92,965	-	0,8721	-89,6	4,08
								19,2839			
2414	Shell-Thin	SLU-ENVE	Min	0	0	0	-56,5904	-	0,1616	-89,6	2,43
								15,2273			
2414	Shell-Thin	SLU-ENVE	Min	0	0	0	-58,8345	-	0,2219	-95,11	2,43
								15,9718			
2414	Shell-Thin	SLU-ENVE	Min	0	0	0	-96,6506	-	0,9324	-95,11	4,08
								23,1694			
2414	Shell-Thin	SLE-ENVE	Max	0	0	0	-52,6823	-	1,183	-37,77	5,66
								11,4071			
2414	Shell-Thin	SLE-ENVE	Max	0	0	0	-30,9205	-6,8226	0,7015	-37,77	2,62
2414	Shell-Thin	SLE-ENVE	Max	0	0	0	-31,4465	-7,7403	0,3827	-37,33	2,62
2414	Shell-Thin	SLE-ENVE	Max	0	0	0	-53,5538	-	0,8641	-37,33	5,66
								12,2245			
2414	Shell-Thin	SLE-ENVE	Min	0	0	0	-57,7986	-	0,4746	-53,84	2,36
								12,5899			
2414	Shell-Thin	SLE-ENVE	Min	0	0	0	-37,4394	-9,6628	0,0819	-53,84	1,32
2414	Shell-Thin	SLE-ENVE	Min	0	0	0	-38,7119	-	0,1222	-56,84	1,32
								10,0669			
2414	Shell-Thin	SLE-ENVE	Min	0	0	0	-59,8284	-	0,5149	-56,84	2,36
								14,1227			
2434	Shell-Thin	SLU-ENVE	Max	0	0	0	-2,9246	-0,2698	1,3814	19,04	0,06211
2434	Shell-Thin	SLU-ENVE	Max	0	0	0	-9,6694	-1,8493	1,4394	19,04	-0,08243
2434	Shell-Thin	SLU-ENVE	Max	0	0	0	-9,6434	-1,8339	1,6629	18,77	-0,08243
2434	Shell-Thin	SLU-ENVE	Max	0	0	0	-2,9251	-0,2905	1,6049	18,77	0,06211
2434	Shell-Thin	SLU-ENVE	Min	0	0	0	-5,1931	-	0,0614	13,53	-3,37
								11,9903			
2434	Shell-Thin	SLU-ENVE	Min	0	0	0	-15,1512	-	0,0716	13,53	-4,08
								13,2763			
2434	Shell-Thin	SLU-ENVE	Min	0	0	0	-14,9544	-	0,0413	13,47	-4,08
								12,2221			
2434	Shell-Thin	SLU-ENVE	Min	0	0	0	-5,1318	-	0,031	13,47	-3,37
								11,1141			

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**Table: Element Forces - Area Shells**

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
2434	Shell-Thin	SLE-ENVE	Max	0	0	0	-2,0808	-0,1715	0,7696	12,74	0,04611
2434	Shell-Thin	SLE-ENVE	Max	0	0	0	-6,9377	-1,2557	0,8027	12,74	-0,0515
2434	Shell-Thin	SLE-ENVE	Max	0	0	0	-6,922	-1,2462	0,9224	12,53	-0,0515
2434	Shell-Thin	SLE-ENVE	Max	0	0	0	-2,0815	-0,1863	0,8893	12,53	0,04611
2434	Shell-Thin	SLE-ENVE	Min	0	0	0	-3,3418	-6,6843	0,0355	9,8	-1,86
2434	Shell-Thin	SLE-ENVE	Min	0	0	0	-9,7918	-7,6521	0,0422	9,8	-2,27
2434	Shell-Thin	SLE-ENVE	Min	0	0	0	-9,6806	-7,0654	0,0209	9,77	-2,27
2434	Shell-Thin	SLE-ENVE	Min	0	0	0	-3,308	-6,2011	0,0142	9,77	-1,86
2435	Shell-Thin	SLU-ENVE	Max	0	0	0	-2,9251	-0,2905	1,8063	18,8	0,2
2435	Shell-Thin	SLU-ENVE	Max	0	0	0	-9,6433	-1,8336	1,9034	18,8	0,15
2435	Shell-Thin	SLU-ENVE	Max	0	0	0	-9,6333	-1,8808	2,1103	18,6	0,15
2435	Shell-Thin	SLU-ENVE	Max	0	0	0	-2,903	-0,3521	2,0132	18,6	0,2
2435	Shell-Thin	SLU-ENVE	Min	0	0	0	-5,1319	-	-0,0018	13,45	-4,12
								11,1138			
2435	Shell-Thin	SLU-ENVE	Min	0	0	0	-14,9542	-	0,0194	13,45	-4,68
								12,2207			
2435	Shell-Thin	SLU-ENVE	Min	0	0	0	-14,7297	-	-0,0059	13,48	-4,68
								11,0201			
2435	Shell-Thin	SLU-ENVE	Min	0	0	0	-5,0066	-	-0,027	13,48	-4,12
								10,0519			
2435	Shell-Thin	SLE-ENVE	Max	0	0	0	-2,0815	-0,1863	0,9964	12,47	0,14
2435	Shell-Thin	SLE-ENVE	Max	0	0	0	-6,922	-1,246	1,0524	12,47	0,1
2435	Shell-Thin	SLE-ENVE	Max	0	0	0	-6,9182	-1,2791	1,1635	12,31	0,1
2435	Shell-Thin	SLE-ENVE	Max	0	0	0	-2,067	-0,2288	1,1075	12,31	0,14
2435	Shell-Thin	SLE-ENVE	Min	0	0	0	-3,3081	-6,2009	-0,0087	9,75	-2,26
2435	Shell-Thin	SLE-ENVE	Min	0	0	0	-9,6805	-7,0646	0,0053	9,75	-2,57
2435	Shell-Thin	SLE-ENVE	Min	0	0	0	-9,5557	-6,4046	-0,0126	9,77	-2,57
2435	Shell-Thin	SLE-ENVE	Min	0	0	0	-3,2364	-5,6192	-0,0265	9,77	-2,26
2436	Shell-Thin	SLU-ENVE	Max	0	0	0	-2,9032	-0,3533	2,1888	18,67	0,28
2436	Shell-Thin	SLU-ENVE	Max	0	0	0	-9,6333	-1,8811	2,3156	18,67	0,08098
2436	Shell-Thin	SLU-ENVE	Max	0	0	0	-9,5952	-1,9198	2,4915	18,28	0,08098
2436	Shell-Thin	SLU-ENVE	Max	0	0	0	-2,8751	-0,4408	2,3646	18,28	0,28
2436	Shell-Thin	SLU-ENVE	Min	0	0	0	-5,007	-	-0,0577	13,45	-4,78
								10,0529			
2436	Shell-Thin	SLU-ENVE	Min	0	0	0	-14,7298	-	-0,0209	13,45	-5,48
								11,0211			
2436	Shell-Thin	SLU-ENVE	Min	0	0	0	-14,3952	-	-0,0392	13,44	-5,48
								10,3509			
2436	Shell-Thin	SLU-ENVE	Min	0	0	0	-4,8677	-9,3318	-0,076	13,44	-4,78
2436	Shell-Thin	SLE-ENVE	Max	0	0	0	-2,0671	-0,2296	1,2008	12,25	0,19
2436	Shell-Thin	SLE-ENVE	Max	0	0	0	-6,9183	-1,2793	1,2748	12,25	0,06081
2436	Shell-Thin	SLE-ENVE	Max	0	0	0	-6,8957	-1,3067	1,3695	12	0,06081
2436	Shell-Thin	SLE-ENVE	Max	0	0	0	-2,0488	-0,2898	1,2955	12	0,19
2436	Shell-Thin	SLE-ENVE	Min	0	0	0	-3,2367	-5,6199	-0,048	9,76	-2,61
2436	Shell-Thin	SLE-ENVE	Min	0	0	0	-9,5558	-6,4052	-0,0236	9,76	-3,03
2436	Shell-Thin	SLE-ENVE	Min	0	0	0	-9,3672	-5,9921	-0,0369	9,75	-3,03
2436	Shell-Thin	SLE-ENVE	Min	0	0	0	-3,1566	-5,2311	-0,0612	9,75	-2,61
2437	Shell-Thin	SLU-ENVE	Max	0	0	0	-9,6217	-1,9578	0,1644	29,68	-0,13
2437	Shell-Thin	SLU-ENVE	Max	0	0	0	-20,1609	-4,1578	0,1497	29,68	-0,45
2437	Shell-Thin	SLU-ENVE	Max	0	0	0	-20,1195	-4,0376	0,1502	29,39	-0,45
2437	Shell-Thin	SLU-ENVE	Max	0	0	0	-9,6647	-1,9096	0,1655	29,39	-0,13
2437	Shell-Thin	SLU-ENVE	Min	0	0	0	-15,1718	-	-0,0592	21,09	-0,16
								14,4677			

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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
2437	Shell-Thin	SLU-ENVE	Min	0	0	0	-30,2613	-	-0,0817	21,09	-1,49
								16,9214			
2437	Shell-Thin	SLU-ENVE	Min	0	0	0	-30,1525	-	0,1028	20,92	-1,49
								16,7117			
2437	Shell-Thin	SLU-ENVE	Min	0	0	0	-15,2572	-	0,1253	20,92	-0,16
								14,4288			
2437	Shell-Thin	SLE-ENVE	Max	0	0	0	-6,903	-1,327	0,1106	20,21	-0,08755
2437	Shell-Thin	SLE-ENVE	Max	0	0	0	-14,5846	-2,9127	0,1007	20,21	-0,31
2437	Shell-Thin	SLE-ENVE	Max	0	0	0	-14,5558	-2,8298	0,099	20,02	-0,31
2437	Shell-Thin	SLE-ENVE	Max	0	0	0	-6,9326	-1,2949	0,1092	20,02	-0,08755
2437	Shell-Thin	SLE-ENVE	Min	0	0	0	-9,8323	-8,3251	-0,0119	15,39	-0,11
2437	Shell-Thin	SLE-ENVE	Min	0	0	0	-20,0792	-	-0,026	15,39	-0,86
								10,0724			
2437	Shell-Thin	SLE-ENVE	Min	0	0	0	-20,03	-9,9407	0,0743	15,27	-0,86
2437	Shell-Thin	SLE-ENVE	Min	0	0	0	-9,8743	-8,2981	0,0884	15,27	-0,11
2438	Shell-Thin	SLU-ENVE	Max	0	0	0	-9,6646	-1,9093	0,4475	29,42	-0,2
2438	Shell-Thin	SLU-ENVE	Max	0	0	0	-20,12	-4,0403	0,2916	29,42	0,43
2438	Shell-Thin	SLU-ENVE	Max	0	0	0	-20,2081	-4,131	0,5052	30,01	0,43
2438	Shell-Thin	SLU-ENVE	Max	0	0	0	-9,6447	-1,845	0,6651	30,01	-0,2
2438	Shell-Thin	SLU-ENVE	Min	0	0	0	-15,2571	-	0,1579	20,96	-1,79
								14,4275			
2438	Shell-Thin	SLU-ENVE	Min	0	0	0	-30,1524	-	0,1304	20,96	-0,99
								16,7202			
2438	Shell-Thin	SLU-ENVE	Min	0	0	0	-30,583	-	0,1139	21,17	-0,99
								16,4663			
2438	Shell-Thin	SLU-ENVE	Min	0	0	0	-15,1357	-	0,1414	21,17	-1,79
								13,9732			
2438	Shell-Thin	SLE-ENVE	Max	0	0	0	-6,9326	-1,2947	0,2656	20,04	-0,13
2438	Shell-Thin	SLE-ENVE	Max	0	0	0	-14,5562	-2,8318	0,175	20,04	0,3
2438	Shell-Thin	SLE-ENVE	Max	0	0	0	-14,6188	-2,8965	0,2913	20,18	0,3
2438	Shell-Thin	SLE-ENVE	Max	0	0	0	-6,9192	-1,2519	0,3832	20,18	-0,13
2438	Shell-Thin	SLE-ENVE	Min	0	0	0	-9,8741	-8,2973	0,1041	15,3	-1,01
2438	Shell-Thin	SLE-ENVE	Min	0	0	0	-20,031	-9,9458	0,0854	15,3	-0,49
2438	Shell-Thin	SLE-ENVE	Min	0	0	0	-20,0394	-9,8172	0,0732	15,45	-0,49
2438	Shell-Thin	SLE-ENVE	Min	0	0	0	-9,8162	-8,0377	0,0919	15,45	-1,01
2439	Shell-Thin	SLU-ENVE	Max	0	0	0	-9,6448	-1,8452	0,8444	29,7	0,02022
2439	Shell-Thin	SLU-ENVE	Max	0	0	0	-20,2075	-4,1281	0,7872	29,7	-0,67
2439	Shell-Thin	SLU-ENVE	Max	0	0	0	-20,1347	-3,9613	1,0827	29,42	-0,67
2439	Shell-Thin	SLU-ENVE	Max	0	0	0	-9,6779	-1,8511	1,1636	29,42	0,02022
2439	Shell-Thin	SLU-ENVE	Min	0	0	0	-15,1361	-	0,1015	21,17	-2,9
								13,9737			
2439	Shell-Thin	SLU-ENVE	Min	0	0	0	-30,5775	-	0,1031	21,17	-4,79
								16,4607			
2439	Shell-Thin	SLU-ENVE	Min	0	0	0	-30,4524	-	0,0889	20,95	-4,79
								15,2928			
2439	Shell-Thin	SLU-ENVE	Min	0	0	0	-15,1506	-	0,0873	20,95	-2,9
								13,2783			
2439	Shell-Thin	SLE-ENVE	Max	0	0	0	-6,9192	-1,2521	0,4775	20,12	0,01774
2439	Shell-Thin	SLE-ENVE	Max	0	0	0	-14,6184	-2,8944	0,4455	20,12	-0,45
2439	Shell-Thin	SLE-ENVE	Max	0	0	0	-14,5703	-2,7811	0,6069	19,62	-0,45
2439	Shell-Thin	SLE-ENVE	Max	0	0	0	-6,9437	-1,2569	0,6525	19,62	0,01774
2439	Shell-Thin	SLE-ENVE	Min	0	0	0	-9,8162	-8,038	0,064	15,44	-1,6
2439	Shell-Thin	SLE-ENVE	Min	0	0	0	-20,0387	-9,8137	0,0648	15,44	-2,74
2439	Shell-Thin	SLE-ENVE	Min	0	0	0	-19,7673	-9,1443	0,0542	15,3	-2,74

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**Table: Element Forces - Area Shells**

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
2439	Shell-Thin	SLE-ENVE	Min	0	0	0	-9,7972	-7,6534	0,0534	15,3	-1,6
2440	Shell-Thin	SLU-ENVE	Max	0	0	0	-9,6779	-1,8511	1,4722	29,29	-0,08428
2440	Shell-Thin	SLU-ENVE	Max	0	0	0	-20,1347	-3,9613	1,5189	29,29	1,42
2440	Shell-Thin	SLU-ENVE	Max	0	0	0	-20,1891	-4,1084	1,8851	29,73	1,42
2440	Shell-Thin	SLU-ENVE	Max	0	0	0	-9,6342	-1,832	1,8384	29,73	-0,08428
2440	Shell-Thin	SLU-ENVE	Min	0	0	0	-15,1506	-	0,0825	20,95	-4,41
								13,2779			
2440	Shell-Thin	SLU-ENVE	Min	0	0	0	-30,4507	-15,292	0,0864	20,95	-4,04
2440	Shell-Thin	SLU-ENVE	Min	0	0	0	-30,4222	-	0,0721	21,15	-4,04
								14,3235			
2440	Shell-Thin	SLU-ENVE	Min	0	0	0	-14,9056	-	0,0682	21,15	-4,41
								12,2176			
2440	Shell-Thin	SLE-ENVE	Max	0	0	0	-6,9437	-1,2569	0,8214	19,56	-0,05217
2440	Shell-Thin	SLE-ENVE	Max	0	0	0	-14,5703	-2,7811	0,8474	19,56	0,84
2440	Shell-Thin	SLE-ENVE	Max	0	0	0	-14,6121	-2,8876	1,0478	19,43	0,84
2440	Shell-Thin	SLE-ENVE	Max	0	0	0	-6,9156	-1,2449	1,0218	19,43	-0,05217
2440	Shell-Thin	SLE-ENVE	Min	0	0	0	-9,7972	-7,6532	0,0494	15,3	-2,45
2440	Shell-Thin	SLE-ENVE	Min	0	0	0	-19,7672	-9,1438	0,0515	15,3	-2,16
2440	Shell-Thin	SLE-ENVE	Min	0	0	0	-19,5697	-8,6265	0,0408	15,44	-2,16
2440	Shell-Thin	SLE-ENVE	Min	0	0	0	-9,6629	-7,0627	0,0387	15,44	-2,45
2441	Shell-Thin	SLU-ENVE	Max	0	0	0	-9,6342	-1,8317	2,0081	29,96	0,14
2441	Shell-Thin	SLU-ENVE	Max	0	0	0	-20,1897	-4,1114	2,3344	29,96	-0,49
2441	Shell-Thin	SLU-ENVE	Max	0	0	0	-20,0836	-4,0015	2,614	28,86	-0,49
2441	Shell-Thin	SLU-ENVE	Max	0	0	0	-9,6436	-1,8829	2,2877	28,86	0,14
2441	Shell-Thin	SLU-ENVE	Min	0	0	0	-14,9053	-	0,0279	21,16	-5,1
								12,2162			
2441	Shell-Thin	SLU-ENVE	Min	0	0	0	-30,4257	-	0,0608	21,16	-7,08
								14,3294			
2441	Shell-Thin	SLU-ENVE	Min	0	0	0	-29,7132	-	0,0438	20,93	-7,08
								12,6731			
2441	Shell-Thin	SLU-ENVE	Min	0	0	0	-14,7429	-	0,0109	20,93	-5,1
								11,0217			
2441	Shell-Thin	SLE-ENVE	Max	0	0	0	-6,9156	-1,2447	1,1112	19,38	0,1
2441	Shell-Thin	SLE-ENVE	Max	0	0	0	-14,6126	-2,8897	1,2947	19,38	-0,33
2441	Shell-Thin	SLE-ENVE	Max	0	0	0	-14,5439	-2,8183	1,447	18,72	-0,33
2441	Shell-Thin	SLE-ENVE	Max	0	0	0	-6,9254	-1,2805	1,2635	18,72	0,1
2441	Shell-Thin	SLE-ENVE	Min	0	0	0	-9,6628	-7,0619	0,0106	15,44	-2,81
2441	Shell-Thin	SLE-ENVE	Min	0	0	0	-19,5705	-8,6302	0,0322	15,44	-3,99
2441	Shell-Thin	SLE-ENVE	Min	0	0	0	-19,1335	-7,6795	0,0197	15,29	-3,99
2441	Shell-Thin	SLE-ENVE	Min	0	0	0	-9,5642	-6,4057	-0,0019	15,29	-2,81
2442	Shell-Thin	SLU-ENVE	Max	0	0	0	-9,6437	-1,8833	2,5313	29,11	0,1
2442	Shell-Thin	SLU-ENVE	Max	0	0	0	-20,0831	-3,9988	2,8669	29,11	0,76
2442	Shell-Thin	SLU-ENVE	Max	0	0	0	-20,1069	-4,1002	3,047	28,7	0,76
2442	Shell-Thin	SLU-ENVE	Max	0	0	0	-9,5905	-1,9188	2,7113	28,7	0,1
2442	Shell-Thin	SLU-ENVE	Min	0	0	0	-14,743	-	0,0114	20,9	-5,95
								11,0227			
2442	Shell-Thin	SLU-ENVE	Min	0	0	0	-29,7145	-	0,0314	20,9	-6,37
								12,6796			
2442	Shell-Thin	SLU-ENVE	Min	0	0	0	-29,1704	-	0,023	21,05	-6,37
								12,6897			
2442	Shell-Thin	SLU-ENVE	Min	0	0	0	-14,4012	-10,352	0,003	21,05	-5,95
2442	Shell-Thin	SLE-ENVE	Max	0	0	0	-6,9255	-1,2807	1,3972	18,61	0,07585
2442	Shell-Thin	SLE-ENVE	Max	0	0	0	-14,5435	-2,8163	1,5849	18,61	0,46
2442	Shell-Thin	SLE-ENVE	Max	0	0	0	-14,5664	-2,8927	1,6828	18,27	0,46



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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
2442	Shell-Thin	SLE-ENVE	Max	0	0	0	-6,8925	-1,306	1,495	18,27	0,07585
2442	Shell-Thin	SLE-ENVE	Min	0	0	0	-9,5643	-6,4064	-0,0024	15,26	-3,28
2442	Shell-Thin	SLE-ENVE	Min	0	0	0	-19,1322	-7,6733	0,0103	15,26	-3,48
2442	Shell-Thin	SLE-ENVE	Min	0	0	0	-18,7606	-7,5343	0,0036	15,37	-3,48
2442	Shell-Thin	SLE-ENVE	Min	0	0	0	-9,37	-5,9926	-0,0091	15,37	-3,28
2443	Shell-Thin	SLU-ENVE	Max	0	0	0	-20,1581	-4,1573	0,1633	41,97	-0,44
2443	Shell-Thin	SLU-ENVE	Max	0	0	0	-34,4489	-6,827	0,1443	41,97	6,31
2443	Shell-Thin	SLU-ENVE	Max	0	0	0	-34,6087	-7,3426	0,1469	42,73	6,31
2443	Shell-Thin	SLU-ENVE	Max	0	0	0	-20,1217	-4,0381	0,1867	42,73	-0,44
2443	Shell-Thin	SLU-ENVE	Min	0	0	0	-30,2638	-	-0,0039	28,67	-1,39
								16,9142			
2443	Shell-Thin	SLU-ENVE	Min	0	0	0	-51,249	-	-0,0436	28,67	2,1
								19,7267			
2443	Shell-Thin	SLU-ENVE	Min	0	0	0	-51,5604	-	-0,1655	29,07	2,1
								20,6884			
2443	Shell-Thin	SLU-ENVE	Min	0	0	0	-30,1811	-	-0,1064	29,07	-1,39
								16,7073			
2443	Shell-Thin	SLE-ENVE	Max	0	0	0	-14,5828	-2,9123	0,1102	28,44	-0,3
2443	Shell-Thin	SLE-ENVE	Max	0	0	0	-25,0333	-4,8968	0,0973	28,44	3,67
2443	Shell-Thin	SLE-ENVE	Max	0	0	0	-25,1447	-5,254	0,0936	28,9	3,67
2443	Shell-Thin	SLE-ENVE	Max	0	0	0	-14,5574	-2,8301	0,1182	28,9	-0,3
2443	Shell-Thin	SLE-ENVE	Min	0	0	0	-20,0588	-	0,0172	20,98	-0,81
								10,0683			
2443	Shell-Thin	SLE-ENVE	Min	0	0	0	-34,4782	-	-0,0073	20,98	1,45
								12,1259			
2443	Shell-Thin	SLE-ENVE	Min	0	0	0	-34,6721	-	-0,0769	21,26	1,45
								12,7262			
2443	Shell-Thin	SLE-ENVE	Min	0	0	0	-20,0179	-9,9382	-0,0428	21,26	-0,81
2444	Shell-Thin	SLU-ENVE	Max	0	0	0	-20,1222	-4,0408	0,2282	42,42	0,51
2444	Shell-Thin	SLU-ENVE	Max	0	0	0	-34,6045	-7,3216	0,366	42,42	-3,26
2444	Shell-Thin	SLU-ENVE	Max	0	0	0	-34,4405	-6,4955	0,6269	40,98	-3,26
2444	Shell-Thin	SLU-ENVE	Max	0	0	0	-20,1959	-4,1286	0,4892	40,98	0,51
2444	Shell-Thin	SLU-ENVE	Min	0	0	0	-30,181	-	-0,2264	28,92	-1,32
								16,7158			
2444	Shell-Thin	SLU-ENVE	Min	0	0	0	-51,55	-	-0,6565	28,92	-22,63
								20,6366			
2444	Shell-Thin	SLU-ENVE	Min	0	0	0	-50,7919	-	-0,5056	28,45	-22,63
								18,5788			
2444	Shell-Thin	SLU-ENVE	Min	0	0	0	-30,5274	-	-0,0755	28,45	-1,32
								16,4559			
2444	Shell-Thin	SLE-ENVE	Max	0	0	0	-14,5578	-2,8321	0,1327	28,72	0,31
2444	Shell-Thin	SLE-ENVE	Max	0	0	0	-25,1417	-5,239	0,2056	28,72	-2,26
2444	Shell-Thin	SLE-ENVE	Max	0	0	0	-25,0297	-4,6656	0,3502	27,85	-2,26
2444	Shell-Thin	SLE-ENVE	Max	0	0	0	-14,6102	-2,8948	0,2772	27,85	0,31
2444	Shell-Thin	SLE-ENVE	Min	0	0	0	-20,0189	-9,9434	-0,1156	21,16	-0,68
2444	Shell-Thin	SLE-ENVE	Min	0	0	0	-34,6658	-	-0,3568	21,16	-12,81
								12,6944			
2444	Shell-Thin	SLE-ENVE	Min	0	0	0	-34,2242	-	-0,2747	20,83	-12,81
								11,4445			
2444	Shell-Thin	SLE-ENVE	Min	0	0	0	-20,0089	-9,8111	-0,0335	20,83	-0,68
2445	Shell-Thin	SLU-ENVE	Max	0	0	0	-20,1953	-4,1257	0,7194	41,06	-0,71
2445	Shell-Thin	SLU-ENVE	Max	0	0	0	-34,4432	-6,5095	1,1377	41,06	3,14
2445	Shell-Thin	SLU-ENVE	Max	0	0	0	-34,5297	-7,2861	1,382	40,39	3,14
2445	Shell-Thin	SLU-ENVE	Max	0	0	0	-20,1537	-3,9651	1,0905	40,39	-0,71

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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
2445	Shell-Thin	SLU-ENVE	Min	0	0	0	-30,5218	-	0,1155	28,49	-5,45
								16,4503			
2445	Shell-Thin	SLU-ENVE	Min	0	0	0	-50,7982	-	0,1468	28,49	1,25
								18,6105			
2445	Shell-Thin	SLU-ENVE	Min	0	0	0	-50,4603	-	0,1438	28,74	1,25
								19,1329			
2445	Shell-Thin	SLU-ENVE	Min	0	0	0	-30,5019	-	0,1126	28,74	-5,45
								15,2977			
2445	Shell-Thin	SLE-ENVE	Max	0	0	0	-14,6098	-2,8927	0,4087	27,9	-0,48
2445	Shell-Thin	SLE-ENVE	Max	0	0	0	-25,0317	-4,6755	0,6446	27,9	2,13
2445	Shell-Thin	SLE-ENVE	Max	0	0	0	-25,0949	-5,2189	0,7788	27,56	2,13
2445	Shell-Thin	SLE-ENVE	Max	0	0	0	-14,5838	-2,7838	0,6131	27,56	-0,48
2445	Shell-Thin	SLE-ENVE	Min	0	0	0	-20,0082	-9,8076	0,0729	20,86	-3,11
2445	Shell-Thin	SLE-ENVE	Min	0	0	0	-34,2281	-	0,0936	20,86	1,1
								11,4641			
2445	Shell-Thin	SLE-ENVE	Min	0	0	0	-33,8334	-	0,0903	21,04	1,1
								11,8565			
2445	Shell-Thin	SLE-ENVE	Min	0	0	0	-19,7833	-9,1475	0,0696	21,04	-3,11
2446	Shell-Thin	SLU-ENVE	Max	0	0	0	-20,1537	-3,9651	1,4503	40,41	1,72
2446	Shell-Thin	SLU-ENVE	Max	0	0	0	-34,5297	-7,2861	1,508	40,41	-3,15
2446	Shell-Thin	SLU-ENVE	Max	0	0	0	-34,4143	-6,4917	2,0431	38,51	-3,15
2446	Shell-Thin	SLU-ENVE	Max	0	0	0	-20,177	-4,106	2,0089	38,51	1,72
2446	Shell-Thin	SLU-ENVE	Min	0	0	0	-30,5001	-	0,0705	28,75	-4,77
								15,2968			
2446	Shell-Thin	SLU-ENVE	Min	0	0	0	-50,4644	-	0,0498	28,75	-12,48
								19,1442			
2446	Shell-Thin	SLU-ENVE	Min	0	0	0	-50,015	-16,238	0,0465	28,47	-12,48
2446	Shell-Thin	SLU-ENVE	Min	0	0	0	-30,3782	-	0,0673	28,47	-4,77
								14,3175			
2446	Shell-Thin	SLE-ENVE	Max	0	0	0	-14,5838	-2,7838	0,8072	27,57	1
2446	Shell-Thin	SLE-ENVE	Max	0	0	0	-25,0949	-5,2189	0,8355	27,57	-2,17
2446	Shell-Thin	SLE-ENVE	Max	0	0	0	-25,0219	-4,6693	1,1319	26,48	-2,17
2446	Shell-Thin	SLE-ENVE	Max	0	0	0	-14,6036	-2,8859	1,1157	26,48	1
2446	Shell-Thin	SLE-ENVE	Min	0	0	0	-19,7832	-9,147	0,0402	21,04	-2,56
2446	Shell-Thin	SLE-ENVE	Min	0	0	0	-33,8346	-	0,0251	21,04	-7,33
								11,8628			
2446	Shell-Thin	SLE-ENVE	Min	0	0	0	-33,0587	-	0,0217	20,85	-7,33
								10,1462			
2446	Shell-Thin	SLE-ENVE	Min	0	0	0	-19,5514	-8,6229	0,0368	20,85	-2,56
2447	Shell-Thin	SLU-ENVE	Max	0	0	0	-20,1776	-4,109	2,6669	38,22	-0,49
2447	Shell-Thin	SLU-ENVE	Max	0	0	0	-34,4115	-6,4777	2,9274	38,22	17,8
2447	Shell-Thin	SLU-ENVE	Max	0	0	0	-34,5471	-7,2851	3,4735	39,19	17,8
2447	Shell-Thin	SLU-ENVE	Max	0	0	0	-20,0859	-4,002	3,2156	39,19	-0,49
2447	Shell-Thin	SLU-ENVE	Min	0	0	0	-30,3817	-	0,103	28,43	-7,94
								14,3235			
2447	Shell-Thin	SLU-ENVE	Min	0	0	0	-50,0022	-	0,1391	28,43	-3,63
								16,2052			
2447	Shell-Thin	SLU-ENVE	Min	0	0	0	-50,283	-	0,1437	28,89	-3,63
								16,0768			
2447	Shell-Thin	SLU-ENVE	Min	0	0	0	-29,718	-	0,1077	28,89	-7,94
								12,6741			
2447	Shell-Thin	SLE-ENVE	Max	0	0	0	-14,6041	-2,888	1,4821	26,32	-0,32
2447	Shell-Thin	SLE-ENVE	Max	0	0	0	-25,0199	-4,6593	1,6309	26,32	10,13
2447	Shell-Thin	SLE-ENVE	Max	0	0	0	-25,1223	-5,2262	1,9303	25,91	10,13
2447	Shell-Thin	SLE-ENVE	Max	0	0	0	-14,5455	-2,8186	1,7852	25,91	-0,32

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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
2447	Shell-Thin	SLE-ENVE	Min	0	0	0	-19,5522	-8,6266	0,0599	20,82	-4,47
2447	Shell-Thin	SLE-ENVE	Min	0	0	0	-33,0547	-10,126	0,0831	20,82	-1,6
2447	Shell-Thin	SLE-ENVE	Min	0	0	0	-32,4268	-9,8958	0,0851	21,15	-1,6
2447	Shell-Thin	SLE-ENVE	Min	0	0	0	-19,1318	-7,6791	0,0619	21,15	-4,47
2448	Shell-Thin	SLU-ENVE	Max	0	0	0	-20,0853	-3,9993	3,3605	40,68	0,86
2448	Shell-Thin	SLU-ENVE	Max	0	0	0	-34,5513	-7,306	3,6409	40,68	4,06
2448	Shell-Thin	SLU-ENVE	Max	0	0	0	-34,3642	-6,774	3,7512	41,76	4,06
2448	Shell-Thin	SLU-ENVE	Max	0	0	0	-20,1042	-4,0997	3,3782	41,76	0,86
2448	Shell-Thin	SLU-ENVE	Min	0	0	0	-29,7193	-	0,0466	29,03	-7,38
								12,6806			
2448	Shell-Thin	SLU-ENVE	Min	0	0	0	-50,293	-	0,0755	29,03	-13,12
								16,1267			
2448	Shell-Thin	SLU-ENVE	Min	0	0	0	-49,8362	-17,125	0,0455	28,62	-13,12
2448	Shell-Thin	SLU-ENVE	Min	0	0	0	-29,1644	-12,689	0,0166	28,62	-7,38
2448	Shell-Thin	SLE-ENVE	Max	0	0	0	-14,5451	-2,8167	1,8596	25,96	0,51
2448	Shell-Thin	SLE-ENVE	Max	0	0	0	-25,1253	-5,2413	2,0163	25,96	2,09
2448	Shell-Thin	SLE-ENVE	Max	0	0	0	-25,0047	-4,8783	2,0747	26,44	2,09
2448	Shell-Thin	SLE-ENVE	Max	0	0	0	-14,5646	-2,8923	1,8657	26,44	0,51
2448	Shell-Thin	SLE-ENVE	Min	0	0	0	-19,1305	-7,6729	0,0195	21,25	-4,05
2448	Shell-Thin	SLE-ENVE	Min	0	0	0	-32,4334	-9,929	0,0377	21,25	-7,56
2448	Shell-Thin	SLE-ENVE	Min	0	0	0	-31,8198	-	0,0161	20,97	-7,56
								10,3161			
2448	Shell-Thin	SLE-ENVE	Min	0	0	0	-18,7516	-7,5339	-0,002	20,97	-4,05
2455	Shell-Thin	SLU-ENVE	Max	0	0	0	-48,8288	-	0,1467	-40,08	6,31
								17,8067			
2455	Shell-Thin	SLU-ENVE	Max	0	0	0	-29,2906	-	0,1053	-40,08	-0,75
								13,5946			
2455	Shell-Thin	SLU-ENVE	Max	0	0	0	-29,1912	-	0,1063	-41,23	-0,75
								13,2168			
2455	Shell-Thin	SLU-ENVE	Max	0	0	0	-49,3042	-	0,1654	-41,23	6,31
								19,3548			
2455	Shell-Thin	SLU-ENVE	Min	0	0	0	-58,5473	-	-0,0867	-47,48	3,93
								24,5875			
2455	Shell-Thin	SLU-ENVE	Min	0	0	0	-34,4739	-	-0,1458	-47,48	-1,39
								21,9805			
2455	Shell-Thin	SLU-ENVE	Min	0	0	0	-34,3974	-	-0,2265	-48,42	-1,39
								21,7516			
2455	Shell-Thin	SLU-ENVE	Min	0	0	0	-58,8947	-	-0,1851	-48,42	3,93
								25,6741			
2455	Shell-Thin	SLE-ENVE	Max	0	0	0	-31,2584	-10,694	0,0641	-25,51	3,67
2455	Shell-Thin	SLE-ENVE	Max	0	0	0	-18,7916	-8,036	0,0388	-25,51	-0,47
2455	Shell-Thin	SLE-ENVE	Max	0	0	0	-18,7339	-7,8168	0,0427	-26,18	-0,47
2455	Shell-Thin	SLE-ENVE	Max	0	0	0	-31,5342	-	0,0769	-26,18	3,67
								11,5935			
2455	Shell-Thin	SLE-ENVE	Min	0	0	0	-38,536	-14,829	-0,067	-31,13	2,45
2455	Shell-Thin	SLE-ENVE	Min	0	0	0	-22,6132	-12,884	-0,1012	-31,13	-0,81
2455	Shell-Thin	SLE-ENVE	Min	0	0	0	-22,5664	-	-0,1409	-31,64	-0,81
								12,7429			
2455	Shell-Thin	SLE-ENVE	Min	0	0	0	-38,748	-	-0,1156	-31,64	2,45
								15,4934			
2456	Shell-Thin	SLU-ENVE	Max	0	0	0	-49,2884	-	0,6566	-39,59	-8,52
								19,2758			
2456	Shell-Thin	SLU-ENVE	Max	0	0	0	-29,1905	-	0,2265	-39,59	0,51
								13,2133			

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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
2456	Shell-Thin	SLU-ENVE	Max	0	0	0	-29,7409	-	0,0757	-37,07	0,51
								13,1248			
2456	Shell-Thin	SLU-ENVE	Max	0	0	0	-48,5779	-	0,5059	-37,07	-8,52
								13,4023			
2456	Shell-Thin	SLU-ENVE	Min	0	0	0	-58,8831	-	-0,5547	-47,87	-22,63
								25,6162			
2456	Shell-Thin	SLU-ENVE	Min	0	0	0	-34,3993	-	-0,3849	-47,87	-1,8
								21,7611			
2456	Shell-Thin	SLU-ENVE	Min	0	0	0	-34,3122	-	-0,7962	-46,41	-1,8
								21,3948			
2456	Shell-Thin	SLU-ENVE	Min	0	0	0	-58,0115	-	-0,9661	-46,41	-22,63
								23,2274			
2456	Shell-Thin	SLE-ENVE	Max	0	0	0	-31,5252	-	0,3568	-25,26	-5,15
								11,5487			
2456	Shell-Thin	SLE-ENVE	Max	0	0	0	-18,7335	-7,8149	0,1156	-25,26	0,31
2456	Shell-Thin	SLE-ENVE	Max	0	0	0	-19,0454	-7,7724	0,0336	-23,82	0,31
2456	Shell-Thin	SLE-ENVE	Max	0	0	0	-31,1189	-8,2244	0,2748	-23,82	-5,15
2456	Shell-Thin	SLE-ENVE	Min	0	0	0	-38,741	-	-0,3119	-31,44	-12,81
								15,4586			
2456	Shell-Thin	SLE-ENVE	Min	0	0	0	-22,5675	-	-0,2209	-31,44	-0,95
								12,7486			
2456	Shell-Thin	SLE-ENVE	Min	0	0	0	-22,5284	-	-0,4489	-30,51	-0,95
								12,5561			
2456	Shell-Thin	SLE-ENVE	Min	0	0	0	-38,2383	-14,034	-0,5399	-30,51	-12,81
2457	Shell-Thin	SLU-ENVE	Max	0	0	0	-48,5954	-	-0,2126	-35,6	2,9
								13,4897			
2457	Shell-Thin	SLU-ENVE	Max	0	0	0	-29,7329	-	-0,3856	-35,6	-3,89
								13,0852			
2457	Shell-Thin	SLU-ENVE	Max	0	0	0	-29,4344	-	-0,9168	-35,64	-3,89
								12,0235			
2457	Shell-Thin	SLU-ENVE	Max	0	0	0	-48,7634	-	-0,7438	-35,64	2,9
								14,0678			
2457	Shell-Thin	SLU-ENVE	Min	0	0	0	-58,0181	-	-1,6783	-46,46	0,13
								23,2603			
2457	Shell-Thin	SLU-ENVE	Min	0	0	0	-34,3108	-	-1,1607	-46,46	-6,66
								21,3881			
2457	Shell-Thin	SLU-ENVE	Min	0	0	0	-33,7888	-	-1,5726	-46	-6,66
								19,9807			
2457	Shell-Thin	SLU-ENVE	Min	0	0	0	-57,075	-	-2,0902	-46	0,13
								23,5528			
2457	Shell-Thin	SLE-ENVE	Max	0	0	0	-31,1287	-8,2737	-0,1287	-23	1,88
2457	Shell-Thin	SLE-ENVE	Max	0	0	0	-19,041	-7,7502	-0,2235	-23	-2,21
2457	Shell-Thin	SLE-ENVE	Max	0	0	0	-19,1217	-7,1491	-0,5164	-23,05	-2,21
2457	Shell-Thin	SLE-ENVE	Max	0	0	0	-31,231	-8,6527	-0,4217	-23,05	1,88
2457	Shell-Thin	SLE-ENVE	Min	0	0	0	-38,2423	-14,054	-0,945	-30,52	0,44
2457	Shell-Thin	SLE-ENVE	Min	0	0	0	-22,5276	-12,552	-0,6546	-30,52	-3,78
2457	Shell-Thin	SLE-ENVE	Min	0	0	0	-22,234	-	-0,8819	-30,08	-3,78
								11,7522			
2457	Shell-Thin	SLE-ENVE	Min	0	0	0	-37,7301	-	-1,1724	-30,08	0,44
								14,3098			
2458	Shell-Thin	SLU-ENVE	Max	0	0	0	-48,7691	-	-1,1924	-35,12	-9,84
								14,0961			
2458	Shell-Thin	SLU-ENVE	Max	0	0	0	-29,4342	-	-1,0926	-35,12	1,72
								12,0107			
2458	Shell-Thin	SLU-ENVE	Max	0	0	0	-29,007	-	-1,3361	-34,79	1,72
								12,3651			

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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
2458	Shell-Thin	SLU-ENVE	Max	0	0	0	-48,6359	-11,415	-1,7645	-34,79	-9,84
2458	Shell-Thin	SLU-ENVE	Min	0	0	0	-57,0775	-	-2,4154	-46	-15,54
								23,5655			
2458	Shell-Thin	SLU-ENVE	Min	0	0	0	-33,7886	-	-1,8227	-46	-6,35
								19,9794			
2458	Shell-Thin	SLU-ENVE	Min	0	0	0	-33,1763	-	-2,2379	-43,7	-6,35
								18,6879			
2458	Shell-Thin	SLU-ENVE	Min	0	0	0	-55,3372	-	-2,8306	-43,7	-15,54
								20,2062			
2458	Shell-Thin	SLE-ENVE	Max	0	0	0	-31,2341	-8,6684	-0,6625	-22,76	-5,79
2458	Shell-Thin	SLE-ENVE	Max	0	0	0	-19,1203	-7,142	-0,6085	-22,76	1
2458	Shell-Thin	SLE-ENVE	Max	0	0	0	-19,1394	-7,3504	-0,7423	-22,55	1
2458	Shell-Thin	SLE-ENVE	Max	0	0	0	-31,1518	-7,1213	-0,9765	-22,55	-5,79
2458	Shell-Thin	SLE-ENVE	Min	0	0	0	-37,7315	-	-1,3408	-30,08	-8,89
								14,3168			
2458	Shell-Thin	SLE-ENVE	Min	0	0	0	-22,2338	-	-1,0151	-30,08	-3,45
								11,7514			
2458	Shell-Thin	SLE-ENVE	Min	0	0	0	-21,8981	-	-1,2443	-28,79	-3,45
								11,0523			
2458	Shell-Thin	SLE-ENVE	Min	0	0	0	-36,7538	-	-1,57	-28,79	-8,89
								12,3575			
2459	Shell-Thin	SLU-ENVE	Max	0	0	0	-48,6187	-	-2,2315	-35,22	17,8
								11,3295			
2459	Shell-Thin	SLU-ENVE	Max	0	0	0	-29,0082	-	-1,6252	-35,22	-0,8
								12,3887			
2459	Shell-Thin	SLU-ENVE	Max	0	0	0	-28,266	-12,317	-1,9362	-37,4	-0,8
2459	Shell-Thin	SLU-ENVE	Max	0	0	0	-47,5905	-	-2,5425	-37,4	17,8
								15,6424			
2459	Shell-Thin	SLU-ENVE	Min	0	0	0	-55,3301	-	-3,517	-43,4	-5,38
								20,1708			
2459	Shell-Thin	SLU-ENVE	Min	0	0	0	-33,1777	-	-2,6658	-43,4	-10,1
								18,6949			
2459	Shell-Thin	SLU-ENVE	Min	0	0	0	-32,1845	-	-3,2144	-42,41	-10,1
								16,5957			
2459	Shell-Thin	SLU-ENVE	Min	0	0	0	-53,9112	-	-3,9957	-42,41	-5,38
								19,2529			
2459	Shell-Thin	SLE-ENVE	Max	0	0	0	-31,1422	-7,073	-1,2466	-22,79	10,13
2459	Shell-Thin	SLE-ENVE	Max	0	0	0	-19,142	-7,3637	-0,9065	-22,79	-0,47
2459	Shell-Thin	SLE-ENVE	Max	0	0	0	-18,7755	-7,3175	-1,079	-24,58	-0,47
2459	Shell-Thin	SLE-ENVE	Max	0	0	0	-31,6726	-9,6782	-1,419	-24,58	10,13
2459	Shell-Thin	SLE-ENVE	Min	0	0	0	-36,7495	-	-1,9608	-28,64	-2,6
								12,3361			
2459	Shell-Thin	SLE-ENVE	Min	0	0	0	-21,8989	-	-1,4845	-28,64	-5,66
								11,0565			
2459	Shell-Thin	SLE-ENVE	Min	0	0	0	-21,3385	-9,8797	-1,7846	-27,96	-5,66
2459	Shell-Thin	SLE-ENVE	Min	0	0	0	-35,8488	-11,924	-2,2263	-27,96	-2,6
2460	Shell-Thin	SLU-ENVE	Max	0	0	0	-47,6014	-	-2,8116	-37,47	4,06
								15,6968			
2460	Shell-Thin	SLU-ENVE	Max	0	0	0	-28,264	-	-2,1157	-37,47	0,86
								12,3293			
2460	Shell-Thin	SLU-ENVE	Max	0	0	0	-27,5695	-	-2,4176	-35,13	0,86
								11,1739			
2460	Shell-Thin	SLU-ENVE	Max	0	0	0	-45,7372	-	-3,1134	-35,13	4,06
								12,7577			
2460	Shell-Thin	SLU-ENVE	Min	0	0	0	-53,9287	-	-4,4457	-42,74	-15,85
								19,3131			

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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
2460	Shell-Thin	SLU-ENVE	Min	0	0	0	-32,1823	-	-3,4503	-42,74	-9,77
								16,5848			
2460	Shell-Thin	SLU-ENVE	Min	0	0	0	-31,2009	-	-3,9048	-41,75	-9,77
								14,6398			
2460	Shell-Thin	SLU-ENVE	Min	0	0	0	-51,6986	-	-4,9001	-41,75	-15,85
								17,1206			
2460	Shell-Thin	SLE-ENVE	Max	0	0	0	-31,6792	-9,7115	-1,5588	-25,78	2,09
2460	Shell-Thin	SLE-ENVE	Max	0	0	0	-18,7769	-7,3243	-1,17	-25,78	0,51
2460	Shell-Thin	SLE-ENVE	Max	0	0	0	-18,5059	-6,8796	-1,3329	-24,63	0,51
2460	Shell-Thin	SLE-ENVE	Max	0	0	0	-31,4166	-8,2545	-1,7216	-24,63	2,09
2460	Shell-Thin	SLE-ENVE	Min	0	0	0	-35,856	-11,96	-2,4673	-28,05	-9,05
2460	Shell-Thin	SLE-ENVE	Min	0	0	0	-21,3372	-9,8733	-1,9127	-28,05	-5,37
2460	Shell-Thin	SLE-ENVE	Min	0	0	0	-20,7971	-8,807	-2,1606	-26,44	-5,37
2460	Shell-Thin	SLE-ENVE	Min	0	0	0	-34,4549	-	-2,7152	-26,44	-9,05
								10,3134			
2461	Shell-Thin	SLU-ENVE	Max	0	0	0	-29,2761	-	0,0815	-28,15	-0,81
								13,5917			
2461	Shell-Thin	SLU-ENVE	Max	0	0	0	-14,8306	-	0,0622	-28,15	-0,12
								11,4415			
2461	Shell-Thin	SLU-ENVE	Max	0	0	0	-14,9096	-	-0,1255	-27,68	-0,12
								11,3967			
2461	Shell-Thin	SLU-ENVE	Max	0	0	0	-29,1417	-	-0,1029	-27,68	-0,81
								13,2069			
2461	Shell-Thin	SLU-ENVE	Min	0	0	0	-34,5127	-	-0,0158	-33,8	-1,49
								21,9883			
2461	Shell-Thin	SLU-ENVE	Min	0	0	0	-17,4284	-19,693	-0,0311	-33,8	-0,14
2461	Shell-Thin	SLU-ENVE	Min	0	0	0	-17,4992	-	-0,1883	-33,45	-0,14
								19,6552			
2461	Shell-Thin	SLU-ENVE	Min	0	0	0	-34,4217	-	-0,1742	-33,45	-1,49
								21,7565			
2461	Shell-Thin	SLE-ENVE	Max	0	0	0	-18,7837	-8,0344	0,0259	-17,95	-0,51
2461	Shell-Thin	SLE-ENVE	Max	0	0	0	-9,6076	-6,5976	0,015	-17,95	-0,08347
2461	Shell-Thin	SLE-ENVE	Max	0	0	0	-9,6683	-6,5675	-0,0885	-17,67	-0,08347
2461	Shell-Thin	SLE-ENVE	Max	0	0	0	-18,7061	-7,8112	-0,0744	-17,67	-0,51
2461	Shell-Thin	SLE-ENVE	Min	0	0	0	-22,635	-	-0,0262	-22,15	-0,86
								12,8884			
2461	Shell-Thin	SLE-ENVE	Min	0	0	0	-11,2877	-	-0,0364	-22,15	-0,09459
								11,2301			
2461	Shell-Thin	SLE-ENVE	Min	0	0	0	-11,3321	-	-0,1224	-21,95	-0,09459
								11,2037			
2461	Shell-Thin	SLE-ENVE	Min	0	0	0	-22,5796	-	-0,1129	-21,95	-0,86
								12,7456			
2462	Shell-Thin	SLU-ENVE	Max	0	0	0	-29,141	-	-0,2008	-27,56	0,23
								13,2034			
2462	Shell-Thin	SLU-ENVE	Max	0	0	0	-14,9093	-	-0,3084	-27,56	-0,45
								11,3963			
2462	Shell-Thin	SLU-ENVE	Max	0	0	0	-14,7995	-	-0,4371	-29,16	-0,45
								11,1604			
2462	Shell-Thin	SLU-ENVE	Max	0	0	0	-29,8065	-	-0,4152	-29,16	0,23
								13,1379			
2462	Shell-Thin	SLU-ENVE	Min	0	0	0	-34,4236	-21,766	-0,4415	-33,48	-1,44
2462	Shell-Thin	SLU-ENVE	Min	0	0	0	-17,4989	-	-0,4475	-33,48	-2,25
								19,6538			
2462	Shell-Thin	SLU-ENVE	Min	0	0	0	-17,3647	-	-0,687	-33,82	-2,25
								19,0908			

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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
2462	Shell-Thin	SLU-ENVE	Min	0	0	0	-34,3733	-	-0,6871	-33,82	-1,44
								21,4071			
2462	Shell-Thin	SLE-ENVE	Max	0	0	0	-18,7058	-7,8093	-0,1261	-17,61	0,16
2462	Shell-Thin	SLE-ENVE	Max	0	0	0	-9,6682	-6,5673	-0,1879	-17,61	-0,27
2462	Shell-Thin	SLE-ENVE	Max	0	0	0	-9,5931	-6,4306	-0,2565	-18,51	-0,27
2462	Shell-Thin	SLE-ENVE	Max	0	0	0	-19,0825	-7,7798	-0,2422	-18,51	0,16
2462	Shell-Thin	SLE-ENVE	Min	0	0	0	-22,5808	-	-0,259	-21,96	-0,75
								12,7512			
2462	Shell-Thin	SLE-ENVE	Min	0	0	0	-11,3319	-	-0,2656	-21,96	-1,27
								11,2029			
2462	Shell-Thin	SLE-ENVE	Min	0	0	0	-11,2553	-	-0,396	-22,08	-1,27
								10,8833			
2462	Shell-Thin	SLE-ENVE	Min	0	0	0	-22,5638	-	-0,3927	-22,08	-0,75
								12,5632			
2463	Shell-Thin	SLU-ENVE	Max	0	0	0	-29,7986	-	-0,5803	-28,7	-3,87
								13,0983			
2463	Shell-Thin	SLU-ENVE	Max	0	0	0	-14,8001	-	-0,5198	-28,7	-0,16
								11,1636			
2463	Shell-Thin	SLU-ENVE	Max	0	0	0	-14,7655	-11,057	-0,671	-28,6	-0,16
2463	Shell-Thin	SLU-ENVE	Max	0	0	0	-29,4102	-	-0,7315	-28,6	-3,87
								12,0097			
2463	Shell-Thin	SLU-ENVE	Min	0	0	0	-34,3719	-	-0,9734	-33,7	-5,89
								21,4003			
2463	Shell-Thin	SLU-ENVE	Min	0	0	0	-17,3648	-	-0,8757	-33,7	-3,79
								19,0914			
2463	Shell-Thin	SLU-ENVE	Min	0	0	0	-17,2676	-	-1,1632	-32,63	-3,79
								18,1931			
2463	Shell-Thin	SLU-ENVE	Min	0	0	0	-33,7703	-19,977	-1,2452	-32,63	-5,89
2463	Shell-Thin	SLE-ENVE	Max	0	0	0	-19,0781	-7,7576	-0,3302	-18,26	-2,22
2463	Shell-Thin	SLE-ENVE	Max	0	0	0	-9,5935	-6,4324	-0,2967	-18,26	-0,08563
2463	Shell-Thin	SLE-ENVE	Max	0	0	0	-9,6333	-6,3737	-0,3781	-18,19	-0,08563
2463	Shell-Thin	SLE-ENVE	Max	0	0	0	-19,0823	-7,1412	-0,4116	-18,19	-2,22
2463	Shell-Thin	SLE-ENVE	Min	0	0	0	-22,563	-	-0,5495	-22,02	-3,35
								12,5591			
2463	Shell-Thin	SLE-ENVE	Min	0	0	0	-11,2554	-	-0,4955	-22,02	-2,1
								10,8837			
2463	Shell-Thin	SLE-ENVE	Min	0	0	0	-11,206	-	-0,6522	-21,44	-2,1
								10,3862			
2463	Shell-Thin	SLE-ENVE	Min	0	0	0	-22,2213	-	-0,698	-21,44	-3,35
								11,7496			
2464	Shell-Thin	SLU-ENVE	Max	0	0	0	-29,4101	-11,997	-0,9257	-28,43	1,42
2464	Shell-Thin	SLU-ENVE	Max	0	0	0	-14,7654	-11,057	-0,8422	-28,43	-1,23
2464	Shell-Thin	SLU-ENVE	Max	0	0	0	-14,5311	-	-1,0213	-28,3	-1,23
								10,7732			
2464	Shell-Thin	SLU-ENVE	Max	0	0	0	-29,037	-	-1,1048	-28,3	1,42
								12,3755			
2464	Shell-Thin	SLU-ENVE	Min	0	0	0	-33,7701	-	-1,5752	-32,51	-5,41
								19,9757			
2464	Shell-Thin	SLU-ENVE	Min	0	0	0	-17,2676	-	-1,4716	-32,51	-5,73
								18,1928			
2464	Shell-Thin	SLU-ENVE	Min	0	0	0	-16,9449	-	-1,8377	-32,32	-5,73
								16,8322			
2464	Shell-Thin	SLU-ENVE	Min	0	0	0	-33,2175	-	-1,8843	-32,32	-5,41
								18,6962			
2464	Shell-Thin	SLE-ENVE	Max	0	0	0	-19,0809	-7,1341	-0,5184	-18,09	0,84
2464	Shell-Thin	SLE-ENVE	Max	0	0	0	-9,6333	-6,3737	-0,4721	-18,09	-0,68

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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
2464	Shell-Thin	SLE-ENVE	Max	0	0	0	-9,4959	-6,2158	-0,569	-18,54	-0,68
2464	Shell-Thin	SLE-ENVE	Max	0	0	0	-19,1689	-7,3563	-0,6153	-18,54	0,84
2464	Shell-Thin	SLE-ENVE	Min	0	0	0	-22,2212	-	-0,8801	-21,37	-2,93
								11,7489			
2464	Shell-Thin	SLE-ENVE	Min	0	0	0	-11,206	-10,386	-0,8211	-21,37	-3,19
2464	Shell-Thin	SLE-ENVE	Min	0	0	0	-11,0226	-9,6291	-1,0215	-21,14	-3,19
2464	Shell-Thin	SLE-ENVE	Min	0	0	0	-21,9224	-	-1,0474	-21,14	-2,93
								11,0572			
2465	Shell-Thin	SLU-ENVE	Max	0	0	0	-29,0382	-	-1,3185	-28,2	-0,99
								12,3991			
2465	Shell-Thin	SLU-ENVE	Max	0	0	0	-14,5308	-	-1,1567	-28,2	-1,32
								10,7716			
2465	Shell-Thin	SLU-ENVE	Max	0	0	0	-14,3326	-	-1,3615	-27,05	-1,32
								10,6059			
2465	Shell-Thin	SLU-ENVE	Max	0	0	0	-28,2697	-	-1,5234	-27,05	-0,99
								12,3149			
2465	Shell-Thin	SLU-ENVE	Min	0	0	0	-33,2189	-	-2,3335	-32,25	-8,92
								18,7031			
2465	Shell-Thin	SLU-ENVE	Min	0	0	0	-16,9446	-	-2,0073	-32,25	-6,77
								16,8306			
2465	Shell-Thin	SLU-ENVE	Min	0	0	0	-16,6369	-	-2,3082	-30,83	-6,77
								15,2636			
2465	Shell-Thin	SLU-ENVE	Min	0	0	0	-32,1935	-	-2,6129	-30,83	-8,92
								16,5976			
2465	Shell-Thin	SLE-ENVE	Max	0	0	0	-19,1716	-7,3696	-0,7318	-18,74	-0,58
2465	Shell-Thin	SLE-ENVE	Max	0	0	0	-9,4958	-6,2149	-0,6385	-18,74	-0,71
2465	Shell-Thin	SLE-ENVE	Max	0	0	0	-9,4298	-6,1289	-0,7494	-18,07	-0,71
2465	Shell-Thin	SLE-ENVE	Max	0	0	0	-18,7694	-7,3163	-0,8426	-18,07	-0,58
2465	Shell-Thin	SLE-ENVE	Min	0	0	0	-21,9232	-	-1,2942	-21,08	-5,01
								11,0614			
2465	Shell-Thin	SLE-ENVE	Min	0	0	0	-11,0224	-9,6281	-1,1108	-21,08	-3,74
2465	Shell-Thin	SLE-ENVE	Min	0	0	0	-10,854	-8,765	-1,277	-20,26	-3,74
2465	Shell-Thin	SLE-ENVE	Min	0	0	0	-21,3433	-9,8806	-1,4464	-20,26	-5,01
2466	Shell-Thin	SLU-ENVE	Max	0	0	0	-28,2677	-	-1,7777	-26,87	0,76
								12,3272			
2466	Shell-Thin	SLU-ENVE	Max	0	0	0	-14,3328	-	-1,5867	-26,87	-2,05
								10,6065			
2466	Shell-Thin	SLU-ENVE	Max	0	0	0	-13,9775	-9,6801	-1,8376	-26,21	-2,05
2466	Shell-Thin	SLU-ENVE	Max	0	0	0	-27,5851	-11,177	-2,0287	-26,21	0,76
2466	Shell-Thin	SLU-ENVE	Min	0	0	0	-32,1913	-	-2,9472	-30,64	-8,37
								16,5866			
2466	Shell-Thin	SLU-ENVE	Min	0	0	0	-16,6371	-	-2,6484	-30,64	-7,91
								15,2647			
2466	Shell-Thin	SLU-ENVE	Min	0	0	0	-16,1399	-	-3,023	-29,91	-7,91
								13,4354			
2466	Shell-Thin	SLU-ENVE	Min	0	0	0	-31,2168	-14,643	-3,3219	-29,91	-8,37
2466	Shell-Thin	SLE-ENVE	Max	0	0	0	-18,7708	-7,323	-0,9815	-18,29	0,46
2466	Shell-Thin	SLE-ENVE	Max	0	0	0	-9,4299	-6,1292	-0,8739	-18,29	-1,12
2466	Shell-Thin	SLE-ENVE	Max	0	0	0	-9,2468	-5,6659	-1,0115	-18,13	-1,12
2466	Shell-Thin	SLE-ENVE	Max	0	0	0	-18,5081	-6,8815	-1,1191	-18,13	0,46
2466	Shell-Thin	SLE-ENVE	Min	0	0	0	-21,342	-9,8742	-1,6327	-20,15	-4,6
2466	Shell-Thin	SLE-ENVE	Min	0	0	0	-10,8542	-8,7656	-1,4654	-20,15	-4,38
2466	Shell-Thin	SLE-ENVE	Min	0	0	0	-10,5734	-7,7552	-1,6718	-19,64	-4,38
2466	Shell-Thin	SLE-ENVE	Min	0	0	0	-20,8062	-8,8089	-1,8391	-19,64	-4,6



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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
2467	Shell-Thin	SLU-ENVE	Max	0	0	0	-14,8067	-	0,0233	-18,39	-0,1
								11,4367			
2467	Shell-Thin	SLU-ENVE	Max	0	0	0	-5,0522	-	-0,0236	-18,39	-0,21
								10,6629			
2467	Shell-Thin	SLU-ENVE	Max	0	0	0	-5,0747	-	-0,242	-18,47	-0,21
								10,5655			
2467	Shell-Thin	SLU-ENVE	Max	0	0	0	-14,8676	-	-0,2054	-18,47	-0,1
								11,3836			
2467	Shell-Thin	SLU-ENVE	Min	0	0	0	-17,4504	-	-0,0772	-21,6	-0,12
								19,6974			
2467	Shell-Thin	SLU-ENVE	Min	0	0	0	-6,1769	-	-0,1139	-21,6	-0,3
								18,5875			
2467	Shell-Thin	SLU-ENVE	Min	0	0	0	-6,1986	-	-0,2634	-21,64	-0,3
								18,5168			
2467	Shell-Thin	SLU-ENVE	Min	0	0	0	-17,4932	-19,654	-0,2255	-21,64	-0,12
2467	Shell-Thin	SLE-ENVE	Max	0	0	0	-9,5946	-6,595	-0,0116	-12,06	-0,07097
2467	Shell-Thin	SLE-ENVE	Max	0	0	0	-3,2586	-5,9701	-0,0413	-12,06	-0,15
2467	Shell-Thin	SLE-ENVE	Max	0	0	0	-3,2739	-5,905	-0,1592	-12,11	-0,15
2467	Shell-Thin	SLE-ENVE	Max	0	0	0	-9,631	-6,56	-0,1348	-12,11	-0,07097
2467	Shell-Thin	SLE-ENVE	Min	0	0	0	-11,3004	-	-0,0666	-14,32	-0,08135
								11,2326			
2467	Shell-Thin	SLE-ENVE	Min	0	0	0	-3,8849	-	-0,0909	-14,32	-0,2
								10,3749			
2467	Shell-Thin	SLE-ENVE	Min	0	0	0	-3,8998	-	-0,1712	-14,34	-0,2
								10,3244			
2467	Shell-Thin	SLE-ENVE	Min	0	0	0	-11,3275	-	-0,1464	-14,34	-0,08135
								11,2028			
2468	Shell-Thin	SLU-ENVE	Max	0	0	0	-14,8676	-	-0,3239	-18,47	-0,81
								11,3832			
2468	Shell-Thin	SLU-ENVE	Max	0	0	0	-5,0743	-10,563	-0,3752	-18,47	-0,6
2468	Shell-Thin	SLU-ENVE	Max	0	0	0	-5,0938	-	-0,5034	-18,39	-0,6
								10,4011			
2468	Shell-Thin	SLU-ENVE	Max	0	0	0	-14,8366	-	-0,4521	-18,39	-0,81
								11,1684			
2468	Shell-Thin	SLU-ENVE	Min	0	0	0	-17,4929	-	-0,461	-21,64	-2,12
								19,6526			
2468	Shell-Thin	SLU-ENVE	Min	0	0	0	-6,1982	-	-0,5046	-21,64	-1,87
								18,5146			
2468	Shell-Thin	SLU-ENVE	Min	0	0	0	-6,2101	-	-0,7424	-21,42	-1,87
								18,0211			
2468	Shell-Thin	SLU-ENVE	Min	0	0	0	-17,3969	-	-0,6994	-21,42	-2,12
								19,0972			
2468	Shell-Thin	SLE-ENVE	Max	0	0	0	-9,631	-6,5598	-0,198	-12,11	-0,47
2468	Shell-Thin	SLE-ENVE	Max	0	0	0	-3,2737	-5,9035	-0,2288	-12,11	-0,36
2468	Shell-Thin	SLE-ENVE	Max	0	0	0	-3,2868	-5,8056	-0,2963	-12,06	-0,36
2468	Shell-Thin	SLE-ENVE	Max	0	0	0	-9,616	-6,4352	-0,2655	-12,06	-0,47
2468	Shell-Thin	SLE-ENVE	Min	0	0	0	-11,3273	-11,202	-0,2748	-14,34	-1,2
2468	Shell-Thin	SLE-ENVE	Min	0	0	0	-3,8995	-10,323	-0,3013	-14,34	-1,07
2468	Shell-Thin	SLE-ENVE	Min	0	0	0	-3,9084	-	-0,4298	-14,22	-1,07
								10,0409			
2468	Shell-Thin	SLE-ENVE	Min	0	0	0	-11,2743	-	-0,4034	-14,22	-1,2
								10,8871			
2469	Shell-Thin	SLU-ENVE	Max	0	0	0	-14,8367	-	-0,5738	-18,41	-0,44
								11,1716			
2469	Shell-Thin	SLU-ENVE	Max	0	0	0	-5,0938	-	-0,6449	-18,41	-0,88
								10,3995			

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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
2469	Shell-Thin	SLU-ENVE	Max	0	0	0	-5,0689	-	-0,7791	-18,62	-0,88
								10,1753			
2469	Shell-Thin	SLU-ENVE	Max	0	0	0	-14,7575	-	-0,708	-18,62	-0,44
								11,0575			
2469	Shell-Thin	SLU-ENVE	Min	0	0	0	-17,3971	-	-0,9476	-21,4	-3,48
								19,0979			
2469	Shell-Thin	SLU-ENVE	Min	0	0	0	-6,2099	-	-0,9942	-21,4	-3,3
								18,0205			
2469	Shell-Thin	SLU-ENVE	Min	0	0	0	-6,1656	-	-1,2386	-21,22	-3,3
								17,1586			
2469	Shell-Thin	SLU-ENVE	Min	0	0	0	-17,2629	-	-1,1804	-21,22	-3,48
								18,1922			
2469	Shell-Thin	SLE-ENVE	Max	0	0	0	-9,6164	-6,4369	-0,3297	-12,08	-0,24
2469	Shell-Thin	SLE-ENVE	Max	0	0	0	-3,2868	-5,8048	-0,3703	-12,08	-0,5
2469	Shell-Thin	SLE-ENVE	Max	0	0	0	-3,2727	-5,6774	-0,4406	-12,19	-0,5
2469	Shell-Thin	SLE-ENVE	Max	0	0	0	-9,6339	-6,3738	-0,3999	-12,19	-0,24
2469	Shell-Thin	SLE-ENVE	Min	0	0	0	-11,2743	-	-0,5377	-14,21	-1,92
								10,8875			
2469	Shell-Thin	SLE-ENVE	Min	0	0	0	-3,9083	-	-0,5653	-14,21	-1,84
								10,0406			
2469	Shell-Thin	SLE-ENVE	Min	0	0	0	-3,8835	-9,5587	-0,6969	-14,11	-1,84
2469	Shell-Thin	SLE-ENVE	Min	0	0	0	-11,2023	-	-0,6625	-14,11	-1,92
								10,3854			
2470	Shell-Thin	SLU-ENVE	Max	0	0	0	-14,7574	-	-0,8492	-18,65	-1,2
								11,0575			
2470	Shell-Thin	SLU-ENVE	Max	0	0	0	-5,0688	-	-0,9155	-18,65	-1,1
								10,1748			
2470	Shell-Thin	SLU-ENVE	Max	0	0	0	-5,0326	-9,9276	-1,067	-18,41	-1,1
2470	Shell-Thin	SLU-ENVE	Max	0	0	0	-14,5536	-10,786	-1,0007	-18,41	-1,2
2470	Shell-Thin	SLU-ENVE	Min	0	0	0	-17,2629	-	-1,4389	-21,14	-5,28
								18,1918			
2470	Shell-Thin	SLU-ENVE	Min	0	0	0	-6,1655	-17,158	-1,4845	-21,14	-4,49
2470	Shell-Thin	SLU-ENVE	Min	0	0	0	-6,1133	-	-1,7471	-20,67	-4,49
								16,0011			
2470	Shell-Thin	SLU-ENVE	Min	0	0	0	-16,9721	-	-1,6807	-20,67	-5,28
								16,8376			
2470	Shell-Thin	SLE-ENVE	Max	0	0	0	-9,6339	-6,3738	-0,4749	-12,22	-0,67
2470	Shell-Thin	SLE-ENVE	Max	0	0	0	-3,2726	-5,6771	-0,5107	-12,22	-0,6
2470	Shell-Thin	SLE-ENVE	Max	0	0	0	-3,2525	-5,543	-0,5905	-12,08	-0,6
2470	Shell-Thin	SLE-ENVE	Max	0	0	0	-9,5321	-6,2231	-0,5547	-12,08	-0,67
2470	Shell-Thin	SLE-ENVE	Min	0	0	0	-11,2023	-	-0,8024	-14,07	-2,94
								10,3852			
2470	Shell-Thin	SLE-ENVE	Min	0	0	0	-3,8834	-9,5584	-0,8281	-14,07	-2,48
2470	Shell-Thin	SLE-ENVE	Min	0	0	0	-3,8549	-8,9193	-0,9699	-13,8	-2,48
2470	Shell-Thin	SLE-ENVE	Min	0	0	0	-11,0387	-9,6323	-0,9339	-13,8	-2,94
2471	Shell-Thin	SLU-ENVE	Max	0	0	0	-14,5534	-	-1,1685	-18,31	-0,92
								10,7843			
2471	Shell-Thin	SLU-ENVE	Max	0	0	0	-5,0327	-9,9279	-1,231	-18,31	-1,52
2471	Shell-Thin	SLU-ENVE	Max	0	0	0	-4,8991	-9,5956	-1,4088	-18	-1,52
2471	Shell-Thin	SLU-ENVE	Max	0	0	0	-14,3247	-	-1,3464	-18	-0,92
								10,6024			
2471	Shell-Thin	SLU-ENVE	Min	0	0	0	-16,9718	-16,836	-1,9616	-20,56	-6,17
2471	Shell-Thin	SLU-ENVE	Min	0	0	0	-6,1132	-	-2,0213	-20,56	-5,56
								16,0007			

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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
2471	Shell-Thin	SLU-ENVE	Min	0	0	0	-5,9983	-	-2,3109	-20,11	-5,56
								14,5797			
2471	Shell-Thin	SLU-ENVE	Min	0	0	0	-16,6312	-	-2,2512	-20,11	-6,17
								15,2625			
2471	Shell-Thin	SLE-ENVE	Max	0	0	0	-9,5319	-6,2221	-0,6446	-12,11	-0,49
2471	Shell-Thin	SLE-ENVE	Max	0	0	0	-3,2525	-5,5432	-0,6771	-12,11	-0,82
2471	Shell-Thin	SLE-ENVE	Max	0	0	0	-3,1765	-5,3669	-0,7722	-12,04	-0,82
2471	Shell-Thin	SLE-ENVE	Max	0	0	0	-9,4193	-6,1267	-0,7396	-12,04	-0,49
2471	Shell-Thin	SLE-ENVE	Min	0	0	0	-11,0386	-9,6314	-1,0867	-13,74	-3,41
2471	Shell-Thin	SLE-ENVE	Min	0	0	0	-3,8549	-8,9191	-1,1179	-13,74	-3,06
2471	Shell-Thin	SLE-ENVE	Min	0	0	0	-3,789	-8,1382	-1,2752	-13,49	-3,06
2471	Shell-Thin	SLE-ENVE	Min	0	0	0	-10,8496	-8,7641	-1,2441	-13,49	-3,41
2472	Shell-Thin	SLU-ENVE	Max	0	0	0	-14,3249	-10,603	-1,5485	-17,9	-1,63
2472	Shell-Thin	SLU-ENVE	Max	0	0	0	-4,8996	-9,5981	-1,5855	-17,9	-2,03
2472	Shell-Thin	SLU-ENVE	Max	0	0	0	-4,7578	-8,8939	-1,7879	-17,43	-2,03
2472	Shell-Thin	SLU-ENVE	Max	0	0	0	-13,9903	-9,6826	-1,7509	-17,43	-1,63
2472	Shell-Thin	SLU-ENVE	Min	0	0	0	-16,6314	-	-2,5671	-20,01	-7,24
								15,2635			
2472	Shell-Thin	SLU-ENVE	Min	0	0	0	-5,9986	-	-2,5969	-20,01	-6,51
								14,5809			
2472	Shell-Thin	SLU-ENVE	Min	0	0	0	-5,8523	-	-2,9097	-19,35	-6,51
								12,9373			
2472	Shell-Thin	SLU-ENVE	Min	0	0	0	-16,1553	-	-2,8799	-19,35	-7,24
								13,4385			
2472	Shell-Thin	SLE-ENVE	Max	0	0	0	-9,4193	-6,1271	-0,8494	-12,11	-0,89
2472	Shell-Thin	SLE-ENVE	Max	0	0	0	-3,1768	-5,3684	-0,866	-12,11	-1,09
2472	Shell-Thin	SLE-ENVE	Max	0	0	0	-3,0953	-4,9877	-0,9755	-11,91	-1,09
2472	Shell-Thin	SLE-ENVE	Max	0	0	0	-9,2393	-5,6675	-0,9589	-11,91	-0,89
2472	Shell-Thin	SLE-ENVE	Min	0	0	0	-10,8497	-8,7647	-1,4172	-13,44	-4,01
2472	Shell-Thin	SLE-ENVE	Min	0	0	0	-3,7892	-8,139	-1,43	-13,44	-3,58
2472	Shell-Thin	SLE-ENVE	Min	0	0	0	-3,7054	-7,2378	-1,6011	-13,07	-3,58
2472	Shell-Thin	SLE-ENVE	Min	0	0	0	-10,5825	-7,757	-1,5883	-13,07	-4,01
2473	Shell-Thin	SLU-ENVE	Max	0	0	0	-5,0537	-	-0,0302	-9,28	-0,21
								10,6624			
2473	Shell-Thin	SLU-ENVE	Max	0	0	0	-0,0145	-	-0,0626	-9,28	-1,05
								10,8895			
2473	Shell-Thin	SLU-ENVE	Max	0	0	0	0,0044	-	-0,3335	-9,38	-1,05
								10,5953			
2473	Shell-Thin	SLU-ENVE	Max	0	0	0	-5,0808	-	-0,2992	-9,38	-0,21
								10,5668			
2473	Shell-Thin	SLU-ENVE	Min	0	0	0	-6,1798	-18,588	-0,1258	-11,14	-0,31
2473	Shell-Thin	SLU-ENVE	Min	0	0	0	-0,0278	-	-0,1602	-11,14	-1,13
								18,8749			
2473	Shell-Thin	SLU-ENVE	Min	0	0	0	-0,0044	-	-0,3559	-11,24	-1,13
								18,5757			
2473	Shell-Thin	SLU-ENVE	Min	0	0	0	-6,2074	-	-0,3235	-11,24	-0,31
								18,5186			
2473	Shell-Thin	SLE-ENVE	Max	0	0	0	-3,2594	-5,9698	-0,0493	-6,07	-0,15
2473	Shell-Thin	SLE-ENVE	Max	0	0	0	-0,0081	-5,9947	-0,0715	-6,07	-0,68
2473	Shell-Thin	SLE-ENVE	Max	0	0	0	0,0029	-5,8043	-0,218	-6,13	-0,68
2473	Shell-Thin	SLE-ENVE	Max	0	0	0	-3,2773	-5,9057	-0,1947	-6,13	-0,15
2473	Shell-Thin	SLE-ENVE	Min	0	0	0	-3,8865	-	-0,1022	-7,11	-0,21
								10,3752			
2473	Shell-Thin	SLE-ENVE	Min	0	0	0	-0,0155	-10,434	-0,1255	-7,11	-0,73

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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
2473	Shell-Thin	SLE-ENVE	Min	0	0	0	-0,002	-	-0,2308	-7,17	-0,73
								10,2406			
2473	Shell-Thin	SLE-ENVE	Min	0	0	0	-3,9047	-	-0,2086	-7,17	-0,21
								10,3254			
2474	Shell-Thin	SLU-ENVE	Max	0	0	0	-5,0804	-	-0,4367	-9,47	-0,59
								10,5642			
2474	Shell-Thin	SLU-ENVE	Max	0	0	0	0,0035	-	-0,5101	-9,47	-0,83
								10,5997			
2474	Shell-Thin	SLU-ENVE	Max	0	0	0	0,0029	-	-0,6628	-9,47	-0,83
								10,3763			
2474	Shell-Thin	SLU-ENVE	Max	0	0	0	-5,0925	-10,4	-0,5894	-9,47	-0,59
2474	Shell-Thin	SLU-ENVE	Min	0	0	0	-6,207	-	-0,571	-11,33	-1,81
								18,5163			
2474	Shell-Thin	SLU-ENVE	Min	0	0	0	-0,0052	-	-0,6574	-11,33	-1,9
								18,5798			
2474	Shell-Thin	SLU-ENVE	Min	0	0	0	-0,0069	-	-0,9268	-11,33	-1,9
								18,0614			
2474	Shell-Thin	SLU-ENVE	Min	0	0	0	-6,21	-	-0,8404	-11,33	-1,81
								18,0211			
2474	Shell-Thin	SLE-ENVE	Max	0	0	0	-3,2771	-5,9042	-0,2668	-6,19	-0,36
2474	Shell-Thin	SLE-ENVE	Max	0	0	0	0,0023	-5,807	-0,31	-6,19	-0,5
2474	Shell-Thin	SLE-ENVE	Max	0	0	0	0,0019	-5,6717	-0,3892	-6,2	-0,5
2474	Shell-Thin	SLE-ENVE	Max	0	0	0	-3,2858	-5,805	-0,3459	-6,2	-0,36
2474	Shell-Thin	SLE-ENVE	Min	0	0	0	-3,9044	-10,324	-0,342	-7,23	-1,03
2474	Shell-Thin	SLE-ENVE	Min	0	0	0	-0,0025	-	-0,3924	-7,23	-1,1
								10,2432			
2474	Shell-Thin	SLE-ENVE	Min	0	0	0	-0,0035	-9,9439	-0,5366	-7,24	-1,1
2474	Shell-Thin	SLE-ENVE	Min	0	0	0	-3,9081	-	-0,4861	-7,24	-1,03
								10,0409			
2475	Shell-Thin	SLU-ENVE	Max	0	0	0	-5,0924	-	-0,7268	-9,51	-0,84
								10,3985			
2475	Shell-Thin	SLU-ENVE	Max	0	0	0	0,0025	-	-0,8288	-9,51	-0,96
								10,3783			
2475	Shell-Thin	SLU-ENVE	Max	0	0	0	0,0003074	-10,13	-0,983	-9,4	-0,96
2475	Shell-Thin	SLU-ENVE	Max	0	0	0	-5,0771	-	-0,881	-9,4	-0,84
								10,1787			
2475	Shell-Thin	SLU-ENVE	Min	0	0	0	-6,2099	-	-1,0884	-11,33	-3,19
								18,0205			
2475	Shell-Thin	SLU-ENVE	Min	0	0	0	-0,007	-	-1,2145	-11,33	-3,05
								18,0616			
2475	Shell-Thin	SLU-ENVE	Min	0	0	0	-0,0066	-	-1,4846	-11,26	-3,05
								17,2364			
2475	Shell-Thin	SLU-ENVE	Min	0	0	0	-6,176	-	-1,3585	-11,26	-3,19
								17,1607			
2475	Shell-Thin	SLE-ENVE	Max	0	0	0	-3,2858	-5,8042	-0,4173	-6,22	-0,48
2475	Shell-Thin	SLE-ENVE	Max	0	0	0	0,0017	-5,6729	-0,4746	-6,22	-0,54
2475	Shell-Thin	SLE-ENVE	Max	0	0	0	0,0003711	-5,5318	-0,5543	-6,16	-0,54
2475	Shell-Thin	SLE-ENVE	Max	0	0	0	-3,2775	-5,6793	-0,497	-6,16	-0,48
2475	Shell-Thin	SLE-ENVE	Min	0	0	0	-3,9081	-	-0,6192	-7,23	-1,78
								10,0405			
2475	Shell-Thin	SLE-ENVE	Min	0	0	0	-0,0036	-9,9441	-0,6899	-7,23	-1,7
2475	Shell-Thin	SLE-ENVE	Min	0	0	0	-0,0035	-9,4827	-0,8341	-7,2	-1,7
2475	Shell-Thin	SLE-ENVE	Min	0	0	0	-3,8896	-9,5599	-0,7634	-7,2	-1,78
2476	Shell-Thin	SLU-ENVE	Max	0	0	0	-5,077	-	-1,0251	-9,44	-0,97
								10,1781			

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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
2476	Shell-Thin	SLU-ENVE	Max	0	0	0	-1,906E-05	-	-1,1537	-9,44	-1,19
								10,1316			
2476	Shell-Thin	SLU-ENVE	Max	0	0	0	0,0019	-9,8263	-1,3149	-9,29	-1,19
2476	Shell-Thin	SLU-ENVE	Max	0	0	0	-5,0339	-9,9278	-1,1863	-9,29	-0,97
2476	Shell-Thin	SLU-ENVE	Min	0	0	0	-6,1759	-	-1,6131	-11,24	-4,31
								17,1601			
2476	Shell-Thin	SLU-ENVE	Min	0	0	0	-0,0065	-	-1,776	-11,24	-4,14
								17,2359			
2476	Shell-Thin	SLU-ENVE	Min	0	0	0	-0,0038	-	-2,0522	-11,12	-4,14
								16,1206			
2476	Shell-Thin	SLU-ENVE	Min	0	0	0	-6,1149	-	-1,8893	-11,12	-4,31
								16,0014			
2476	Shell-Thin	SLE-ENVE	Max	0	0	0	-3,2775	-5,679	-0,5718	-6,18	-0,53
2476	Shell-Thin	SLE-ENVE	Max	0	0	0	0,00019	-5,5327	-0,6426	-6,18	-0,65
2476	Shell-Thin	SLE-ENVE	Max	0	0	0	0,0014	-5,3667	-0,7261	-6,1	-0,65
2476	Shell-Thin	SLE-ENVE	Max	0	0	0	-3,253	-5,5431	-0,6554	-6,1	-0,53
2476	Shell-Thin	SLE-ENVE	Min	0	0	0	-3,8895	-9,5597	-0,8998	-7,18	-2,38
2476	Shell-Thin	SLE-ENVE	Min	0	0	0	-0,0034	-9,4824	-0,9896	-7,18	-2,28
2476	Shell-Thin	SLE-ENVE	Min	0	0	0	-0,0018	-8,8665	-1,1373	-7,12	-2,28
2476	Shell-Thin	SLE-ENVE	Min	0	0	0	-3,8556	-8,9194	-1,0475	-7,12	-2,38
2477	Shell-Thin	SLU-ENVE	Max	0	0	0	-5,034	-9,9282	-1,346	-9,34	-1,32
2477	Shell-Thin	SLU-ENVE	Max	0	0	0	0,0017	-9,8276	-1,4863	-9,34	-1,39
2477	Shell-Thin	SLU-ENVE	Max	0	0	0	0,0021	-9,477	-1,6586	-9,09	-1,39
2477	Shell-Thin	SLU-ENVE	Max	0	0	0	-4,9074	-9,5973	-1,5183	-9,09	-1,32
2477	Shell-Thin	SLU-ENVE	Min	0	0	0	-6,1148	-16,001	-2,1595	-11,08	-5,31
2477	Shell-Thin	SLU-ENVE	Min	0	0	0	-0,0036	-	-2,3422	-11,08	-4,96
								16,1196			
2477	Shell-Thin	SLU-ENVE	Min	0	0	0	0,0014	-14,787	-2,6286	-10,88	-4,96
2477	Shell-Thin	SLU-ENVE	Min	0	0	0	-6,008	-	-2,4459	-10,88	-5,31
								14,5816			
2477	Shell-Thin	SLE-ENVE	Max	0	0	0	-3,2531	-5,5433	-0,7391	-6,12	-0,7
2477	Shell-Thin	SLE-ENVE	Max	0	0	0	0,0012	-5,3674	-0,8146	-6,12	-0,73
2477	Shell-Thin	SLE-ENVE	Max	0	0	0	0,0015	-5,1842	-0,9047	-5,98	-0,73
2477	Shell-Thin	SLE-ENVE	Max	0	0	0	-3,1811	-5,3678	-0,8292	-5,98	-0,7
2477	Shell-Thin	SLE-ENVE	Min	0	0	0	-3,8555	-8,9192	-1,1929	-7,1	-2,92
2477	Shell-Thin	SLE-ENVE	Min	0	0	0	-0,0017	-8,8659	-1,2919	-7,1	-2,72
2477	Shell-Thin	SLE-ENVE	Min	0	0	0	0,0011	-8,1375	-1,4456	-6,98	-2,72
2477	Shell-Thin	SLE-ENVE	Min	0	0	0	-3,7944	-8,1393	-1,3465	-6,98	-2,92
2478	Shell-Thin	SLU-ENVE	Max	0	0	0	-4,9079	-9,5998	-1,6965	-9,07	-1,77
2478	Shell-Thin	SLU-ENVE	Max	0	0	0	0,0025	-9,4752	-1,8437	-9,07	-1,26
2478	Shell-Thin	SLU-ENVE	Max	0	0	0	-0,0132	-8,9946	-2,0448	-8,73	-1,26
2478	Shell-Thin	SLU-ENVE	Max	0	0	0	-4,7567	-8,8947	-1,8976	-8,73	-1,77
2478	Shell-Thin	SLU-ENVE	Min	0	0	0	-6,0083	-	-2,7336	-10,76	-6,18
								14,5828			
2478	Shell-Thin	SLU-ENVE	Min	0	0	0	0,0022	-	-2,932	-10,76	-5,13
								14,7827			
2478	Shell-Thin	SLU-ENVE	Min	0	0	0	-0,0193	-	-3,2478	-10,42	-5,13
								13,4001			
2478	Shell-Thin	SLU-ENVE	Min	0	0	0	-5,8576	-	-3,0495	-10,42	-6,18
								12,9383			
2478	Shell-Thin	SLE-ENVE	Max	0	0	0	-3,1814	-5,3694	-0,9239	-5,97	-0,95
2478	Shell-Thin	SLE-ENVE	Max	0	0	0	0,0018	-5,183	-1,0015	-5,97	-0,6
2478	Shell-Thin	SLE-ENVE	Max	0	0	0	-0,0074	-4,9425	-1,1093	-5,77	-0,6
2478	Shell-Thin	SLE-ENVE	Max	0	0	0	-3,0948	-4,9881	-1,0318	-5,77	-0,95

AUTOSTRADA VALDASTICO A31 NORD  
1° LOTTO – Piovene Rocchette – Valle dell’Astico

Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
2478	Shell-Thin	SLE-ENVE	Min	0	0	0	-3,7946	-8,1401	-1,5023	-6,91	-3,39
2478	Shell-Thin	SLE-ENVE	Min	0	0	0	0,0016	-8,1349	-1,6083	-6,91	-2,75
2478	Shell-Thin	SLE-ENVE	Min	0	0	0	-0,0108	-7,3947	-1,7802	-6,71	-2,75
2478	Shell-Thin	SLE-ENVE	Min	0	0	0	-3,7083	-7,2384	-1,6742	-6,71	-3,39
2479	Shell-Thin	SLU-ENVE	Max	0	0	0	-34,5829	-6,8961	0,0251	92,88	3,35
2479	Shell-Thin	SLU-ENVE	Max	0	0	0	-53,4522	-	-0,3092	92,88	-4,53
								11,0628			
2479	Shell-Thin	SLU-ENVE	Max	0	0	0	-54,3036	-9,763	-0,2215	102,78	-4,53
2479	Shell-Thin	SLU-ENVE	Max	0	0	0	-34,29	-6,9956	0,3888	102,78	3,35
2479	Shell-Thin	SLU-ENVE	Min	0	0	0	-51,5149	-	-0,182	37,39	1,06
								13,4012			
2479	Shell-Thin	SLU-ENVE	Min	0	0	0	-96,5542	-	-1,3625	37,39	-16,18
								22,6073			
2479	Shell-Thin	SLU-ENVE	Min	0	0	0	-100,114	-	-0,8898	39,68	-16,18
								17,9223			
2479	Shell-Thin	SLU-ENVE	Min	0	0	0	-50,7389	-13,54	0,1113	39,68	1,06
2479	Shell-Thin	SLE-ENVE	Max	0	0	0	-25,1289	-4,9899	0,0171	55,57	1,93
2479	Shell-Thin	SLE-ENVE	Max	0	0	0	-38,8662	-8,0301	-0,2201	55,57	-3,24
2479	Shell-Thin	SLE-ENVE	Max	0	0	0	-39,4748	-7,1026	-0,1604	61,18	-3,24
2479	Shell-Thin	SLE-ENVE	Max	0	0	0	-24,9175	-5,0571	0,224	61,18	1,93
2479	Shell-Thin	SLE-ENVE	Min	0	0	0	-34,6449	-8,6389	-0,098	27,24	0,74
2479	Shell-Thin	SLE-ENVE	Min	0	0	0	-59,7747	-	-0,7705	27,24	-9,22
								13,8035			
2479	Shell-Thin	SLE-ENVE	Min	0	0	0	-61,7953	-	-0,504	28,88	-9,22
								11,1338			
2479	Shell-Thin	SLE-ENVE	Min	0	0	0	-34,1708	-8,7276	0,0768	28,88	0,74
2480	Shell-Thin	SLU-ENVE	Max	0	0	0	-34,2886	-6,9887	-0,0176	103,94	-1,46
2480	Shell-Thin	SLU-ENVE	Max	0	0	0	-54,3187	-9,8387	1,8247	103,94	11,06
2480	Shell-Thin	SLU-ENVE	Max	0	0	0	-53,0488	-	2,0476	83,09	11,06
								11,3448			
2480	Shell-Thin	SLU-ENVE	Max	0	0	0	-34,8151	-6,8347	0,3798	83,09	-1,46
2480	Shell-Thin	SLU-ENVE	Min	0	0	0	-50,7355	-	-0,7016	39,94	-10,59
								13,5231			
2480	Shell-Thin	SLU-ENVE	Min	0	0	0	-100,1892	-	0,3419	39,94	5,18
								18,2985			
2480	Shell-Thin	SLU-ENVE	Min	0	0	0	-92,2113	-	0,3724	36,35	5,18
								22,3277			
2480	Shell-Thin	SLU-ENVE	Min	0	0	0	-51,7794	-	-0,4787	36,35	-10,59
								13,0811			
2480	Shell-Thin	SLE-ENVE	Max	0	0	0	-24,9166	-5,0522	-0,0235	61,84	-1,02
2480	Shell-Thin	SLE-ENVE	Max	0	0	0	-39,4856	-7,1567	1,0326	61,84	6,84
2480	Shell-Thin	SLE-ENVE	Max	0	0	0	-38,5803	-8,2322	1,1571	50,09	6,84
2480	Shell-Thin	SLE-ENVE	Max	0	0	0	-25,297	-4,9481	0,2004	50,09	-1,02
2480	Shell-Thin	SLE-ENVE	Min	0	0	0	-34,1687	-8,7173	-0,3921	29,06	-5,98
2480	Shell-Thin	SLE-ENVE	Min	0	0	0	-61,8379	-	0,2375	29,06	3,7
								11,3467			
2480	Shell-Thin	SLE-ENVE	Min	0	0	0	-57,3432	-	0,2564	26,49	3,7
								13,6633			
2480	Shell-Thin	SLE-ENVE	Min	0	0	0	-34,749	-8,4536	-0,2676	26,49	-5,98
2481	Shell-Thin	SLU-ENVE	Max	0	0	0	-34,816	-6,8392	1,0961	83,45	1,18
2481	Shell-Thin	SLU-ENVE	Max	0	0	0	-53,0444	-	1,2663	83,45	-3,03
								11,3228			
2481	Shell-Thin	SLU-ENVE	Max	0	0	0	-54,3317	-	1,5135	96,06	-3,03
								10,4014			
2481	Shell-Thin	SLU-ENVE	Max	0	0	0	-34,1597	-6,9562	1,3432	96,06	1,18

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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
2481	Shell-Thin	SLU-ENVE	Min	0	0	0	-51,7836	-	0,2086	36,56	-1,47
								13,0915			
2481	Shell-Thin	SLU-ENVE	Min	0	0	0	-92,1969	-	-0,1404	36,56	-20,78
								22,2554			
2481	Shell-Thin	SLU-ENVE	Min	0	0	0	-95,5022	-	-0,1704	40,45	-20,78
								16,7489			
2481	Shell-Thin	SLU-ENVE	Min	0	0	0	-49,2332	-	0,1785	40,45	-1,47
								12,8089			
2481	Shell-Thin	SLE-ENVE	Max	0	0	0	-25,2976	-4,9514	0,6345	50,3	0,8
2481	Shell-Thin	SLE-ENVE	Max	0	0	0	-38,5772	-8,2165	0,6808	50,3	-2,14
2481	Shell-Thin	SLE-ENVE	Max	0	0	0	-39,5034	-7,5609	0,8133	57,49	-2,14
2481	Shell-Thin	SLE-ENVE	Max	0	0	0	-24,8311	-5,0316	0,767	57,49	0,8
2481	Shell-Thin	SLE-ENVE	Min	0	0	0	-34,7503	-8,46	0,1401	26,64	-0,66
2481	Shell-Thin	SLE-ENVE	Min	0	0	0	-57,3349	-13,622	-0,0994	26,64	-11,7
2481	Shell-Thin	SLE-ENVE	Min	0	0	0	-59,2369	-	-0,1207	29,43	-11,7
								10,6637			
2481	Shell-Thin	SLE-ENVE	Min	0	0	0	-33,2652	-8,317	0,1188	29,43	-0,66
2482	Shell-Thin	SLU-ENVE	Max	0	0	0	-34,1597	-6,9562	0,7608	95,88	-1,22
2482	Shell-Thin	SLU-ENVE	Max	0	0	0	-54,3317	-	3,0634	95,88	9,22
								10,4013			
2482	Shell-Thin	SLU-ENVE	Max	0	0	0	-53,0064	-	3,3075	73,51	9,22
								11,3125			
2482	Shell-Thin	SLU-ENVE	Max	0	0	0	-34,7867	-6,8295	1,0049	73,51	-1,22
2482	Shell-Thin	SLU-ENVE	Min	0	0	0	-49,2346	-	-0,1056	40,45	-7,8
								12,8126			
2482	Shell-Thin	SLU-ENVE	Min	0	0	0	-95,4945	-	0,2601	40,45	1,3
								16,7101			
2482	Shell-Thin	SLU-ENVE	Min	0	0	0	-87,2741	-20,246	0,23	36,54	1,3
2482	Shell-Thin	SLU-ENVE	Min	0	0	0	-51,2095	-	-0,1357	36,54	-7,8
								12,0131			
2482	Shell-Thin	SLE-ENVE	Max	0	0	0	-24,8311	-5,0316	0,4044	57,39	-0,83
2482	Shell-Thin	SLE-ENVE	Max	0	0	0	-39,5034	-7,5608	1,7316	57,39	5,28
2482	Shell-Thin	SLE-ENVE	Max	0	0	0	-38,5642	-8,2129	1,8624	44,77	5,28
2482	Shell-Thin	SLE-ENVE	Max	0	0	0	-25,2877	-4,948	0,5353	44,77	-0,83
2482	Shell-Thin	SLE-ENVE	Min	0	0	0	-33,2656	-8,3191	-0,076	29,43	-4,49
2482	Shell-Thin	SLE-ENVE	Min	0	0	0	-59,2326	-	0,1725	29,43	1,15
								10,6474			
2482	Shell-Thin	SLE-ENVE	Min	0	0	0	-54,6006	-	0,1512	26,64	1,15
								12,5058			
2482	Shell-Thin	SLE-ENVE	Min	0	0	0	-33,5273	-7,861	-0,0972	26,64	-4,49
2483	Shell-Thin	SLU-ENVE	Max	0	0	0	-34,7858	-6,8249	1,6297	73,58	5,71
2483	Shell-Thin	SLU-ENVE	Max	0	0	0	-53,0109	-	2,6734	73,58	-5,26
								11,3347			
2483	Shell-Thin	SLU-ENVE	Max	0	0	0	-54,2407	-9,8221	2,9169	82,35	-5,26
2483	Shell-Thin	SLU-ENVE	Max	0	0	0	-34,2317	-6,9692	1,8732	82,35	5,71
2483	Shell-Thin	SLU-ENVE	Min	0	0	0	-51,2053	-	0,1326	36,33	-4,62
								12,0024			
2483	Shell-Thin	SLU-ENVE	Min	0	0	0	-87,3088	-	-0,2894	36,33	-17,99
								20,4196			
2483	Shell-Thin	SLU-ENVE	Min	0	0	0	-89,9689	-	-0,2612	39,9	-17,99
								15,9316			
2483	Shell-Thin	SLU-ENVE	Min	0	0	0	-49,4016	-	0,1608	39,9	-4,62
								11,8485			
2483	Shell-Thin	SLE-ENVE	Max	0	0	0	-25,2871	-4,9447	0,9185	44,8	3,27
2483	Shell-Thin	SLE-ENVE	Max	0	0	0	-38,5674	-8,2287	1,4389	44,8	-3,73

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**Table: Element Forces - Area Shells**

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
2483	Shell-Thin	SLE-ENVE	Max	0	0	0	-39,459	-7,151	1,5774	49,85	-3,73
2483	Shell-Thin	SLE-ENVE	Max	0	0	0	-24,8973	-5,0454	1,057	49,85	3,27
2483	Shell-Thin	SLE-ENVE	Min	0	0	0	-33,526	-7,8544	0,0859	26,49	-2,38
2483	Shell-Thin	SLE-ENVE	Min	0	0	0	-54,6202	-	-0,2047	26,49	-10,73
								12,6034			
2483	Shell-Thin	SLE-ENVE	Min	0	0	0	-56,1612	-10,032	-0,186	29,05	-10,73
2483	Shell-Thin	SLE-ENVE	Min	0	0	0	-32,0283	-7,5206	0,1045	29,05	-2,38
2484	Shell-Thin	SLU-ENVE	Max	0	0	0	-34,2331	-6,976	1,5869	81,07	-1,15
2484	Shell-Thin	SLU-ENVE	Max	0	0	0	-54,2256	-9,7466	4,2641	81,07	11,33
2484	Shell-Thin	SLU-ENVE	Max	0	0	0	-53,3391	-	4,6233	67,49	11,33
								11,0342			
2484	Shell-Thin	SLU-ENVE	Max	0	0	0	-34,498	-6,8673	1,9462	67,49	-1,15
2484	Shell-Thin	SLU-ENVE	Min	0	0	0	-49,4048	-	-0,0418	39,64	-9,46
								11,8648			
2484	Shell-Thin	SLU-ENVE	Min	0	0	0	-89,895	-15,562	0,3209	39,64	-1,42
2484	Shell-Thin	SLU-ENVE	Min	0	0	0	-84,5993	-19,372	0,4085	37,34	-1,42
2484	Shell-Thin	SLU-ENVE	Min	0	0	0	-50,0702	-	0,0458	37,34	-9,46
								12,3415			
2484	Shell-Thin	SLE-ENVE	Max	0	0	0	-24,8983	-5,0504	0,87	49,12	-0,76
2484	Shell-Thin	SLE-ENVE	Max	0	0	0	-39,4482	-7,097	2,4037	49,12	6,53
2484	Shell-Thin	SLE-ENVE	Max	0	0	0	-38,8278	-8,0203	2,6145	41,46	6,53
2484	Shell-Thin	SLE-ENVE	Max	0	0	0	-25,1002	-4,98	1,0808	41,46	-0,76
2484	Shell-Thin	SLE-ENVE	Min	0	0	0	-32,0305	-7,5315	-0,0346	28,86	-5,4
2484	Shell-Thin	SLE-ENVE	Min	0	0	0	-56,1193	-9,8228	0,2109	28,86	-0,15
2484	Shell-Thin	SLE-ENVE	Min	0	0	0	-53,135	-	0,2701	27,22	-0,15
								12,0065			
2484	Shell-Thin	SLE-ENVE	Min	0	0	0	-31,9633	-7,6766	0,0247	27,22	-5,4
2485	Shell-Thin	SLU-ENVE	Max	0	0	0	-53,2869	-	-1,0131	188,6	-5,95
								11,0297			
2485	Shell-Thin	SLU-ENVE	Max	0	0	0	-63,9361	-	-0,7725	188,6	-33,52
								15,0707			
2485	Shell-Thin	SLU-ENVE	Max	0	0	0	-59,2269	-3,736	-0,2918	64,99	-33,52
2485	Shell-Thin	SLU-ENVE	Max	0	0	0	-54,6992	-9,8422	-0,5323	64,99	-5,95
2485	Shell-Thin	SLU-ENVE	Min	0	0	0	-96,014	-	-4,6874	51,32	-21,57
								22,4993			
2485	Shell-Thin	SLU-ENVE	Min	0	0	0	-136,1497	-	-3,7536	51,32	-135,92
								36,5489			
2485	Shell-Thin	SLU-ENVE	Min	0	0	0	-117,2835	-7,8372	-0,7333	12,65	-135,92
2485	Shell-Thin	SLU-ENVE	Min	0	0	0	-101,8695	-	-1,6671	12,65	-21,57
								18,2734			
2485	Shell-Thin	SLE-ENVE	Max	0	0	0	-38,7479	-8,0065	-0,7221	108,94	-4,25
2485	Shell-Thin	SLE-ENVE	Max	0	0	0	-46,4569	-10,922	-0,5503	108,94	-23,94
2485	Shell-Thin	SLE-ENVE	Max	0	0	0	-43,0933	-3,1746	-0,2114	38,71	-23,94
2485	Shell-Thin	SLE-ENVE	Max	0	0	0	-39,7569	-7,1591	-0,3833	38,71	-4,25
2485	Shell-Thin	SLE-ENVE	Min	0	0	0	-59,466	-	-2,6534	37,19	-12,29
								13,7418			
2485	Shell-Thin	SLE-ENVE	Min	0	0	0	-82,6149	-	-2,1224	37,19	-77,22
								21,8169			
2485	Shell-Thin	SLE-ENVE	Min	0	0	0	-71,8938	-5,1574	-0,4209	10,77	-77,22
2485	Shell-Thin	SLE-ENVE	Min	0	0	0	-62,791	-11,333	-0,9519	10,77	-12,29
2486	Shell-Thin	SLU-ENVE	Max	0	0	0	-54,7143	-9,9178	6,0352	75,87	17,26
2486	Shell-Thin	SLU-ENVE	Max	0	0	0	-59,1925	-2,9011	5,2097	75,87	198,58
2486	Shell-Thin	SLU-ENVE	Max	0	0	0	-65,6324	-	5,2058	269,6	198,58
								18,3209			



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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
2486	Shell-Thin	SLU-ENVE	Max	0	0	0	-52,6002	-	6,0313	269,6	17,26
								11,2551			
2486	Shell-Thin	SLU-ENVE	Min	0	0	0	-101,9447	-	1,1402	17,85	6,81
								18,6496			
2486	Shell-Thin	SLU-ENVE	Min	0	0	0	-117,1165	-7,6576	0,8473	17,85	47,47
2486	Shell-Thin	SLU-ENVE	Min	0	0	0	-144,1554	-	0,7263	65,64	47,47
								51,5145			
2486	Shell-Thin	SLU-ENVE	Min	0	0	0	-90,2381	-21,933	1,0193	65,64	6,81
2486	Shell-Thin	SLE-ENVE	Max	0	0	0	-39,7677	-7,2131	3,4117	44,87	9,94
2486	Shell-Thin	SLE-ENVE	Max	0	0	0	-43,0687	-2,702	2,9377	44,87	112,75
2486	Shell-Thin	SLE-ENVE	Max	0	0	0	-47,6715	-	2,9284	154,67	112,75
								13,2443			
2486	Shell-Thin	SLE-ENVE	Max	0	0	0	-38,2597	-8,1681	3,4024	154,67	9,94
2486	Shell-Thin	SLE-ENVE	Min	0	0	0	-62,8335	-	0,8073	13,97	4,87
								11,5458			
2486	Shell-Thin	SLE-ENVE	Min	0	0	0	-71,7993	-5,0338	0,5972	13,97	33,91
2486	Shell-Thin	SLE-ENVE	Min	0	0	0	-87,1507	-	0,5063	47,42	33,91
								30,2977			
2486	Shell-Thin	SLE-ENVE	Min	0	0	0	-56,2238	-	0,7164	47,42	4,87
								13,4394			
2487	Shell-Thin	SLU-ENVE	Max	0	0	0	-52,5958	-	0,2396	268,41	-4,1
								11,2331			
2487	Shell-Thin	SLU-ENVE	Max	0	0	0	-65,6389	-	1,3944	268,41	-46,67
								18,3537			
2487	Shell-Thin	SLU-ENVE	Max	0	0	0	-59,6888	-0,1264	2,0947	82,51	-46,67
2487	Shell-Thin	SLU-ENVE	Max	0	0	0	-54,7711	-	0,94	82,51	-4,1
								10,4892			
2487	Shell-Thin	SLU-ENVE	Min	0	0	0	-90,2237	-	-1,8543	65,22	-28,6
								21,8608			
2487	Shell-Thin	SLU-ENVE	Min	0	0	0	-144,1855	-	-0,6383	65,22	-215,82
								51,6652			
2487	Shell-Thin	SLU-ENVE	Min	0	0	0	-114,1704	-7,8151	-0,6449	21,99	-215,82
2487	Shell-Thin	SLU-ENVE	Min	0	0	0	-97,3889	-	-1,5043	21,99	-28,6
								17,1263			
2487	Shell-Thin	SLE-ENVE	Max	0	0	0	-38,2566	-8,1523	0,0105	153,99	-2,91
2487	Shell-Thin	SLE-ENVE	Max	0	0	0	-47,6762	-	0,6831	153,99	-33,32
								13,2678			
2487	Shell-Thin	SLE-ENVE	Max	0	0	0	-43,4324	-1,1684	1,0702	48,64	-33,32
2487	Shell-Thin	SLE-ENVE	Max	0	0	0	-39,8169	-7,6236	0,3976	48,64	-2,91
2487	Shell-Thin	SLE-ENVE	Min	0	0	0	-56,2155	-	-1,0733	47,12	-16,1
								13,3982			
2487	Shell-Thin	SLE-ENVE	Min	0	0	0	-87,1677	-30,383	-0,441	47,12	-122,28
2487	Shell-Thin	SLE-ENVE	Min	0	0	0	-70,1901	-5,1419	-0,4466	16,51	-122,28
2487	Shell-Thin	SLE-ENVE	Min	0	0	0	-60,3076	-	-0,8799	16,51	-16,1
								10,7975			
2488	Shell-Thin	SLU-ENVE	Max	0	0	0	-54,7711	-	6,5127	81,64	9,65
								10,4891			
2488	Shell-Thin	SLU-ENVE	Max	0	0	0	-59,6888	-0,2413	6,8144	81,64	187,72
2488	Shell-Thin	SLU-ENVE	Max	0	0	0	-65,5911	-	7,4187	242,15	187,72
								18,3391			
2488	Shell-Thin	SLU-ENVE	Max	0	0	0	-52,5582	-	7,1171	242,15	9,65
								11,2229			
2488	Shell-Thin	SLU-ENVE	Min	0	0	0	-97,3811	-	0,962	21,33	1,81
								17,0875			
2488	Shell-Thin	SLU-ENVE	Min	0	0	0	-114,1933	-7,8153	0,7506	21,33	46,54
2488	Shell-Thin	SLU-ENVE	Min	0	0	0	-134,3494	-47,549	0,7491	65,17	46,54

AUTOSTRADA VALDASTICO A31 NORD  
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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
2488	Shell-Thin	SLU-ENVE	Min	0	0	0	-85,435	-	0,9606	65,17	1,81
								19,8781			
2488	Shell-Thin	SLE-ENVE	Max	0	0	0	-39,8169	-7,6235	3,664	48,16	5,58
2488	Shell-Thin	SLE-ENVE	Max	0	0	0	-43,4324	-1,2323	3,8202	48,16	106,68
2488	Shell-Thin	SLE-ENVE	Max	0	0	0	-47,6598	-	4,1549	139,4	106,68
								13,2627			
2488	Shell-Thin	SLE-ENVE	Max	0	0	0	-38,2438	-8,1488	3,9987	139,4	5,58
2488	Shell-Thin	SLE-ENVE	Min	0	0	0	-60,3033	-	0,6639	16,14	1,58
								10,7812			
2488	Shell-Thin	SLE-ENVE	Min	0	0	0	-70,2029	-5,142	0,5099	16,14	33,27
2488	Shell-Thin	SLE-ENVE	Min	0	0	0	-81,7039	-	0,5045	47,1	33,27
								28,0964			
2488	Shell-Thin	SLE-ENVE	Min	0	0	0	-53,5558	-	0,6585	47,1	1,58
								12,2968			
2489	Shell-Thin	SLU-ENVE	Max	0	0	0	-52,5626	-11,245	3,0999	246,78	-6,9
2489	Shell-Thin	SLU-ENVE	Max	0	0	0	-65,5845	-	5,066	246,78	-47,51
								18,3059			
2489	Shell-Thin	SLU-ENVE	Max	0	0	0	-59,1108	-3,681	5,146	59,12	-47,51
2489	Shell-Thin	SLU-ENVE	Max	0	0	0	-54,6356	-9,9011	3,1799	59,12	-6,9
2489	Shell-Thin	SLU-ENVE	Min	0	0	0	-85,4697	-	-0,9489	65,6	-28,98
								20,0517			
2489	Shell-Thin	SLU-ENVE	Min	0	0	0	-134,2812	-	-0,6339	65,6	-187,71
								47,2082			
2489	Shell-Thin	SLU-ENVE	Min	0	0	0	-102,6183	-7,6528	-0,7663	17,2	-187,71
2489	Shell-Thin	SLU-ENVE	Min	0	0	0	-91,3385	-	-1,0813	17,2	-28,98
								16,2055			
2489	Shell-Thin	SLE-ENVE	Max	0	0	0	-38,247	-8,1646	1,5846	141,99	-4,9
2489	Shell-Thin	SLE-ENVE	Max	0	0	0	-47,655	-	2,7186	141,99	-33,92
								13,2391			
2489	Shell-Thin	SLE-ENVE	Max	0	0	0	-43,0409	-3,1355	2,744	35,56	-33,92
2489	Shell-Thin	SLE-ENVE	Max	0	0	0	-39,7409	-7,2074	1,6101	35,56	-4,9
2489	Shell-Thin	SLE-ENVE	Min	0	0	0	-53,5753	-	-0,6571	47,41	-16,46
								12,3944			
2489	Shell-Thin	SLE-ENVE	Min	0	0	0	-81,6656	-	-0,4427	47,41	-106,71
								27,9054			
2489	Shell-Thin	SLE-ENVE	Min	0	0	0	-63,7459	-5,0297	-0,5343	13,61	-106,71
2489	Shell-Thin	SLE-ENVE	Min	0	0	0	-56,9425	-	-0,7486	13,61	-16,46
								10,1882			
2490	Shell-Thin	SLU-ENVE	Max	0	0	0	-54,6204	-9,8255	6,772	48,44	7,8
2490	Shell-Thin	SLU-ENVE	Max	0	0	0	-59,1452	-4,5359	7,8621	48,44	91,34
2490	Shell-Thin	SLU-ENVE	Max	0	0	0	-63,8035	-	9,1144	110,82	91,34
								15,0398			
2490	Shell-Thin	SLU-ENVE	Max	0	0	0	-53,1739	-	8,0242	110,82	7,8
								11,0011			
2490	Shell-Thin	SLU-ENVE	Min	0	0	0	-91,2646	-	0,659	13,13	-2,39
								15,8359			
2490	Shell-Thin	SLU-ENVE	Min	0	0	0	-102,7892	-7,8324	0,4159	13,13	33,37
2490	Shell-Thin	SLU-ENVE	Min	0	0	0	-108,1968	-	0,9115	51,24	33,37
								28,8758			
2490	Shell-Thin	SLU-ENVE	Min	0	0	0	-84,195	-	1,1483	51,24	-2,39
								19,2911			
2490	Shell-Thin	SLE-ENVE	Max	0	0	0	-39,7301	-7,1534	3,8411	29,51	4,64
2490	Shell-Thin	SLE-ENVE	Max	0	0	0	-43,0655	-3,6193	4,4124	29,51	52,46
2490	Shell-Thin	SLE-ENVE	Max	0	0	0	-46,4116	-	5,1744	65,73	52,46
								10,9113			

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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
2490	Shell-Thin	SLE-ENVE	Max	0	0	0	-38,7095	-7,9966	4,6031	65,73	4,64
2490	Shell-Thin	SLE-ENVE	Min	0	0	0	-56,9006	-9,979	0,4404	11,04	-0,48
2490	Shell-Thin	SLE-ENVE	Min	0	0	0	-63,8427	-5,1533	0,273	11,04	23,89
2490	Shell-Thin	SLE-ENVE	Min	0	0	0	-67,0873	-	0,6108	37,16	23,89
								17,5544			
2490	Shell-Thin	SLE-ENVE	Min	0	0	0	-52,9018	-	0,7782	37,16	-0,48
								11,9599			
2491	Shell-Thin	SLU-ENVE	Max	0	0	0	-63,8929	-	1,6376	-48,37	-33,34
								15,0621			
2491	Shell-Thin	SLU-ENVE	Max	0	0	0	-48,9359	-7,6358	2,9767	-48,37	-1,53
2491	Shell-Thin	SLU-ENVE	Max	0	0	0	-50,5042	-7,4858	2,614	-27,93	-1,53
2491	Shell-Thin	SLU-ENVE	Max	0	0	0	-59,329	-3,8193	1,2748	-27,93	-33,34
2491	Shell-Thin	SLU-ENVE	Min	0	0	0	-135,9605	-	0,5863	-191,88	-135,23
								36,5111			
2491	Shell-Thin	SLU-ENVE	Min	0	0	0	-77,9608	-	0,9277	-191,88	-4,74
								12,1061			
2491	Shell-Thin	SLU-ENVE	Min	0	0	0	-84,3126	-	0,5568	-109,84	-4,74
								12,0362			
2491	Shell-Thin	SLU-ENVE	Min	0	0	0	-117,6999	-7,8585	0,2154	-109,84	-135,23
2491	Shell-Thin	SLE-ENVE	Max	0	0	0	-46,4262	-	0,9419	-34,01	-23,81
								10,9159			
2491	Shell-Thin	SLE-ENVE	Max	0	0	0	-35,8969	-6,0316	1,703	-34,01	-1,09
2491	Shell-Thin	SLE-ENVE	Max	0	0	0	-37,0167	-5,9343	1,4814	-19,42	-1,09
2491	Shell-Thin	SLE-ENVE	Max	0	0	0	-43,1663	-3,2219	0,7203	-19,42	-23,81
2491	Shell-Thin	SLE-ENVE	Min	0	0	0	-82,5076	-	0,421	-107,9	-76,83
								21,7954			
2491	Shell-Thin	SLE-ENVE	Min	0	0	0	-49,8712	-8,0401	0,665	-107,9	-2,71
2491	Shell-Thin	SLE-ENVE	Min	0	0	0	-53,4806	-7,9965	0,3943	-61,77	-2,71
2491	Shell-Thin	SLE-ENVE	Min	0	0	0	-72,1303	-5,1721	0,1503	-61,77	-76,83
2492	Shell-Thin	SLU-ENVE	Max	0	0	0	-59,2946	-2,9844	-0,0366	-29,66	198,13
2492	Shell-Thin	SLU-ENVE	Max	0	0	0	-50,519	-7,6733	-0,813	-29,66	0,79
2492	Shell-Thin	SLU-ENVE	Max	0	0	0	-48,2599	-6,0834	0,5401	-57,93	0,79
2492	Shell-Thin	SLU-ENVE	Max	0	0	0	-65,5139	-	1,3164	-57,93	198,13
								18,2972			
2492	Shell-Thin	SLU-ENVE	Min	0	0	0	-117,5329	-7,6789	-0,721	-117,82	47,25
2492	Shell-Thin	SLU-ENVE	Min	0	0	0	-84,3841	-	-2,0611	-117,82	-3,77
								12,3939			
2492	Shell-Thin	SLU-ENVE	Min	0	0	0	-73,039	-	-0,875	-242,47	-3,77
								10,7363			
2492	Shell-Thin	SLU-ENVE	Min	0	0	0	-143,5827	-51,4	-0,4291	-242,47	47,25
2492	Shell-Thin	SLE-ENVE	Max	0	0	0	-43,1417	-2,7493	-0,0948	-20,65	112,49
2492	Shell-Thin	SLE-ENVE	Max	0	0	0	-37,0273	-6,049	-0,5869	-20,65	0,54
2492	Shell-Thin	SLE-ENVE	Max	0	0	0	-35,4159	-5,1423	0,177	-40,84	0,54
2492	Shell-Thin	SLE-ENVE	Max	0	0	0	-47,5869	-	0,6691	-40,84	112,49
								13,2274			
2492	Shell-Thin	SLE-ENVE	Min	0	0	0	-72,0358	-5,0485	-0,4261	-65,8	33,75
2492	Shell-Thin	SLE-ENVE	Min	0	0	0	-53,5211	-8,199	-1,1927	-65,8	-1,99
2492	Shell-Thin	SLE-ENVE	Min	0	0	0	-47,1036	-7,2496	-0,6023	-136,5	-1,99
2492	Shell-Thin	SLE-ENVE	Min	0	0	0	-86,8265	-	-0,2971	-136,5	33,75
								30,2328			
2493	Shell-Thin	SLU-ENVE	Max	0	0	0	-65,5204	-18,33	5,7179	-57,7	-46,51
2493	Shell-Thin	SLU-ENVE	Max	0	0	0	-48,2563	-6,0566	8,562	-57,7	1,52
2493	Shell-Thin	SLU-ENVE	Max	0	0	0	-50,4514	-7,0943	9,8409	-31,33	1,52
2493	Shell-Thin	SLU-ENVE	Max	0	0	0	-59,8052	-0,2197	6,9967	-31,33	-46,51

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**Table: Element Forces - Area Shells**

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
2493	Shell-Thin	SLU-ENVE	Min	0	0	0	-143,6129	-	0,4653	-240,41	-214,8
								51,5506			
2493	Shell-Thin	SLU-ENVE	Min	0	0	0	-73,0238	-	0,8108	-240,41	-0,95
								10,6802			
2493	Shell-Thin	SLU-ENVE	Min	0	0	0	-80,8113	-	0,8481	-117,87	-0,95
								12,8971			
2493	Shell-Thin	SLU-ENVE	Min	0	0	0	-114,6372	-7,8395	0,4981	-117,87	-214,8
2493	Shell-Thin	SLE-ENVE	Max	0	0	0	-47,5916	-	3,1982	-40,68	-33,2
								13,2509			
2493	Shell-Thin	SLE-ENVE	Max	0	0	0	-35,4134	-5,1248	4,7954	-40,68	1,04
2493	Shell-Thin	SLE-ENVE	Max	0	0	0	-36,986	-5,7934	5,5066	-21,85	1,04
2493	Shell-Thin	SLE-ENVE	Max	0	0	0	-43,5157	-1,2215	3,9095	-21,85	-33,2
2493	Shell-Thin	SLE-ENVE	Min	0	0	0	-86,8436	-	0,3131	-135,34	-121,71
								30,3182			
2493	Shell-Thin	SLE-ENVE	Min	0	0	0	-47,095	-7,2064	0,5571	-135,34	-0,32
2493	Shell-Thin	SLE-ENVE	Min	0	0	0	-51,5344	-8,5025	0,578	-65,91	-0,32
2493	Shell-Thin	SLE-ENVE	Min	0	0	0	-70,4554	-5,1586	0,334	-65,91	-121,71
2494	Shell-Thin	SLU-ENVE	Max	0	0	0	-59,8053	-0,3346	4,9681	-31,32	186,87
2494	Shell-Thin	SLU-ENVE	Max	0	0	0	-50,4514	-7,0659	5,2686	-31,32	-1,51
2494	Shell-Thin	SLU-ENVE	Max	0	0	0	-47,9782	-6,1489	6,3951	-57,63	-1,51
2494	Shell-Thin	SLU-ENVE	Max	0	0	0	-65,4728	-	6,0946	-57,63	186,87
								18,3154			
2494	Shell-Thin	SLU-ENVE	Min	0	0	0	-114,6601	-7,8397	-0,3752	-115,97	46,38
2494	Shell-Thin	SLU-ENVE	Min	0	0	0	-80,8028	-	-0,7216	-115,97	-10,37
								12,8546			
2494	Shell-Thin	SLU-ENVE	Min	0	0	0	-68,739	-	-0,6897	-220,07	-10,37
								10,7496			
2494	Shell-Thin	SLU-ENVE	Min	0	0	0	-133,8271	-	-0,3433	-220,07	46,38
								47,4445			
2494	Shell-Thin	SLE-ENVE	Max	0	0	0	-43,5158	-1,2853	2,7009	-21,85	106,2
2494	Shell-Thin	SLE-ENVE	Max	0	0	0	-36,986	-5,7776	2,8198	-21,85	-1,06
2494	Shell-Thin	SLE-ENVE	Max	0	0	0	-35,4038	-5,1762	3,4485	-40,65	-1,06
2494	Shell-Thin	SLE-ENVE	Max	0	0	0	-47,5752	-	3,3296	-40,65	106,2
								13,2458			
2494	Shell-Thin	SLE-ENVE	Min	0	0	0	-70,4681	-5,1588	-0,2643	-65,15	33,16
2494	Shell-Thin	SLE-ENVE	Min	0	0	0	-51,5297	-8,4789	-0,5022	-65,15	-5,83
2494	Shell-Thin	SLE-ENVE	Min	0	0	0	-44,715	-7,2235	-0,4818	-124,04	-5,83
2494	Shell-Thin	SLE-ENVE	Min	0	0	0	-81,4077	-	-0,2439	-124,04	33,16
								28,0372			
2495	Shell-Thin	SLU-ENVE	Max	0	0	0	-65,4661	-	8,8725	-57,86	-47,28
								18,2822			
2495	Shell-Thin	SLU-ENVE	Max	0	0	0	-47,9942	-6,2287	12,9952	-57,86	1,05
2495	Shell-Thin	SLU-ENVE	Max	0	0	0	-50,4572	-8,4234	14,5258	-29,59	1,05
2495	Shell-Thin	SLU-ENVE	Max	0	0	0	-59,2128	-3,7493	10,3096	-29,59	-47,28
2495	Shell-Thin	SLU-ENVE	Min	0	0	0	-133,759	-	0,55	-222,74	-187,47
								47,1037			
2495	Shell-Thin	SLU-ENVE	Min	0	0	0	-68,7732	-	1,0066	-222,74	-7,37
								10,8784			
2495	Shell-Thin	SLU-ENVE	Min	0	0	0	-74,3709	-	1,107	-101,42	-7,37
								12,4959			
2495	Shell-Thin	SLU-ENVE	Min	0	0	0	-102,9598	-7,6741	0,6504	-101,42	-187,47
2495	Shell-Thin	SLE-ENVE	Max	0	0	0	-47,5705	-	4,9929	-40,82	-33,76
								13,2222			
2495	Shell-Thin	SLE-ENVE	Max	0	0	0	-35,4064	-5,2231	7,264	-40,82	0,47
2495	Shell-Thin	SLE-ENVE	Max	0	0	0	-37,0067	-6,466	8,1185	-20,63	0,47

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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
2495	Shell-Thin	SLE-ENVE	Max	0	0	0	-43,1139	-3,1745	5,7543	-20,63	-33,76
2495	Shell-Thin	SLE-ENVE	Min	0	0	0	-81,3695	-	0,3656	-125,54	-106,57
								27,8461			
2495	Shell-Thin	SLE-ENVE	Min	0	0	0	-44,7343	-7,3196	0,6765	-125,54	-4,14
2495	Shell-Thin	SLE-ENVE	Min	0	0	0	-47,9593	-8,2559	0,7438	-56,69	-4,14
2495	Shell-Thin	SLE-ENVE	Min	0	0	0	-63,9409	-5,0444	0,4329	-56,69	-106,57
2496	Shell-Thin	SLU-ENVE	Max	0	0	0	-59,2471	-4,6042	9,0993	-27,86	90,37
2496	Shell-Thin	SLU-ENVE	Max	0	0	0	-50,4423	-8,244	10,2978	-27,86	3,36
2496	Shell-Thin	SLU-ENVE	Max	0	0	0	-48,4722	-9,7684	9,5546	-48,21	3,36
2496	Shell-Thin	SLU-ENVE	Max	0	0	0	-63,7605	-	8,5559	-48,21	90,37
								15,0312			
2496	Shell-Thin	SLU-ENVE	Min	0	0	0	-103,1308	-7,8537	-0,102	-92,42	33,19
2496	Shell-Thin	SLU-ENVE	Min	0	0	0	-74,3024	-	-0,4477	-92,42	-5,33
								12,1538			
2496	Shell-Thin	SLU-ENVE	Min	0	0	0	-66,3167	-	-0,8431	-135,55	-5,33
								12,4777			
2496	Shell-Thin	SLU-ENVE	Min	0	0	0	-108,0837	-	-0,4974	-135,55	33,19
								28,8532			
2496	Shell-Thin	SLE-ENVE	Max	0	0	0	-43,1384	-3,6583	5,0278	-19,39	51,91
2496	Shell-Thin	SLE-ENVE	Max	0	0	0	-36,9961	-6,3558	5,6927	-19,39	2,08
2496	Shell-Thin	SLE-ENVE	Max	0	0	0	-35,8515	-7,1857	5,177	-33,96	2,08
2496	Shell-Thin	SLE-ENVE	Max	0	0	0	-46,3809	-	4,671	-33,96	51,91
								10,9052			
2496	Shell-Thin	SLE-ENVE	Min	0	0	0	-64,0376	-5,1679	-0,0826	-51,6	23,76
2496	Shell-Thin	SLE-ENVE	Min	0	0	0	-47,9205	-8,062	-0,3207	-51,6	-2,88
2496	Shell-Thin	SLE-ENVE	Min	0	0	0	-43,4039	-8,247	-0,5923	-76,61	-2,88
2496	Shell-Thin	SLE-ENVE	Min	0	0	0	-67,0223	-	-0,3542	-76,61	23,76
								17,5414			
2497	Shell-Thin	SLU-ENVE	Max	0	0	0	-49,1175	-7,7207	0,2349	-36,59	-0,23
2497	Shell-Thin	SLU-ENVE	Max	0	0	0	-1,6543	9,7754	-0,0423	-36,59	1,62
2497	Shell-Thin	SLU-ENVE	Max	0	0	0	-0,7693	10,0021	0,5538	-39,24	1,62
2497	Shell-Thin	SLU-ENVE	Max	0	0	0	-50,0744	-7,2737	1,582	-39,24	-0,23
2497	Shell-Thin	SLU-ENVE	Min	0	0	0	-78,6438	-	-0,2635	-134,23	-0,54
								12,2427			
2497	Shell-Thin	SLU-ENVE	Min	0	0	0	-35,5618	-7,0037	-1,2381	-134,23	0,45
2497	Shell-Thin	SLU-ENVE	Min	0	0	0	-35,1771	-6,9824	-0,069	-145	0,45
2497	Shell-Thin	SLU-ENVE	Min	0	0	0	-82,4905	-	0,2032	-145	-0,54
								11,6718			
2497	Shell-Thin	SLE-ENVE	Max	0	0	0	-36,0267	-6,084	0,1614	-25,59	-0,14
2497	Shell-Thin	SLE-ENVE	Max	0	0	0	-7,4772	4,2458	-0,028	-25,59	0,96
2497	Shell-Thin	SLE-ENVE	Max	0	0	0	-6,9332	4,3727	0,3045	-27,48	0,96
2497	Shell-Thin	SLE-ENVE	Max	0	0	0	-36,7098	-5,8043	0,8896	-27,48	-0,14
2497	Shell-Thin	SLE-ENVE	Min	0	0	0	-50,2599	-8,1179	-0,1226	-75,86	-0,35
2497	Shell-Thin	SLE-ENVE	Min	0	0	0	-23,1901	-4,5771	-0,6888	-75,86	0,32
2497	Shell-Thin	SLE-ENVE	Min	0	0	0	-22,9271	-4,5625	-0,0482	-81,98	0,32
2497	Shell-Thin	SLE-ENVE	Min	0	0	0	-52,4464	-7,7896	0,1412	-81,98	-0,35
2498	Shell-Thin	SLU-ENVE	Max	0	0	0	-50,0892	-7,4612	1,8741	-39,31	-0,6
2498	Shell-Thin	SLU-ENVE	Max	0	0	0	-0,7626	10,0997	3,7125	-39,31	-0,57
2498	Shell-Thin	SLU-ENVE	Max	0	0	0	-1,79	10,443	5,5154	-35,49	-0,57
2498	Shell-Thin	SLU-ENVE	Max	0	0	0	-48,7406	-6,334	3,6769	-35,49	-0,6
2498	Shell-Thin	SLU-ENVE	Min	0	0	0	-82,5621	-	-0,1552	-145,22	-7,29
								12,0295			
2498	Shell-Thin	SLU-ENVE	Min	0	0	0	-35,1732	-6,9629	0,1895	-145,22	-9,67
2498	Shell-Thin	SLU-ENVE	Min	0	0	0	-35,7609	-6,9872	0,1723	-124,64	-9,67

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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
2498	Shell-Thin	SLU-ENVE	Min	0	0	0	-75,1701	-	-0,1723	-124,64	-7,29
								11,1263			
2498	Shell-Thin	SLE-ENVE	Max	0	0	0	-36,7204	-5,919	1,0333	-27,54	-0,42
2498	Shell-Thin	SLE-ENVE	Max	0	0	0	-6,929	4,4278	2,0711	-27,54	-0,4
2498	Shell-Thin	SLE-ENVE	Max	0	0	0	-7,5797	4,4932	3,071	-24,81	-0,4
2498	Shell-Thin	SLE-ENVE	Max	0	0	0	-35,7594	-5,2951	2,0331	-24,81	-0,42
2498	Shell-Thin	SLE-ENVE	Min	0	0	0	-52,4869	-7,9921	-0,1088	-82,11	-4,08
2498	Shell-Thin	SLE-ENVE	Min	0	0	0	-22,9244	-4,5492	0,1265	-82,11	-5,45
2498	Shell-Thin	SLE-ENVE	Min	0	0	0	-23,3264	-4,5656	0,1129	-70,48	-5,45
2498	Shell-Thin	SLE-ENVE	Min	0	0	0	-48,3121	-7,4913	-0,1224	-70,48	-4,08
2499	Shell-Thin	SLU-ENVE	Max	0	0	0	-48,7371	-6,3071	6,5856	-35,68	6,34
2499	Shell-Thin	SLU-ENVE	Max	0	0	0	-1,7969	10,4087	6,2882	-35,68	3,67
2499	Shell-Thin	SLU-ENVE	Max	0	0	0	-1,0064	10,3995	8,0841	-39,4	3,67
2499	Shell-Thin	SLU-ENVE	Max	0	0	0	-49,988	-6,8938	8,3814	-39,4	6,34
2499	Shell-Thin	SLU-ENVE	Min	0	0	0	-75,1549	-	0,1418	-124,58	2,31
								11,0503			
2499	Shell-Thin	SLU-ENVE	Min	0	0	0	-35,7626	-6,9958	-0,1078	-124,58	0,2
2499	Shell-Thin	SLU-ENVE	Min	0	0	0	-35,1308	-6,9225	-0,0725	-136,67	0,2
2499	Shell-Thin	SLU-ENVE	Min	0	0	0	-78,7552	-	0,1771	-136,67	2,31
								12,4859			
2499	Shell-Thin	SLE-ENVE	Max	0	0	0	-35,7569	-5,2777	3,6636	-24,95	3,64
2499	Shell-Thin	SLE-ENVE	Max	0	0	0	-7,5837	4,4729	3,4858	-24,95	2,05
2499	Shell-Thin	SLE-ENVE	Max	0	0	0	-7,0593	4,4781	4,4843	-27,61	2,05
2499	Shell-Thin	SLE-ENVE	Max	0	0	0	-36,655	-5,6688	4,6621	-27,61	3,64
2499	Shell-Thin	SLE-ENVE	Min	0	0	0	-48,3035	-7,4481	0,0906	-70,46	1,66
2499	Shell-Thin	SLE-ENVE	Min	0	0	0	-23,3275	-4,5715	-0,0807	-70,46	0,14
2499	Shell-Thin	SLE-ENVE	Min	0	0	0	-22,8961	-4,5211	-0,0583	-77,36	0,14
2499	Shell-Thin	SLE-ENVE	Min	0	0	0	-50,3685	-8,2693	0,1129	-77,36	1,66
2500	Shell-Thin	SLU-ENVE	Max	0	0	0	-49,988	-6,8654	8,724	-39,39	-2,35
2500	Shell-Thin	SLU-ENVE	Max	0	0	0	-1,0087	10,3877	11,163	-39,39	8,39
2500	Shell-Thin	SLU-ENVE	Max	0	0	0	-4,3415	8,1423	12,6944	-35,64	8,39
2500	Shell-Thin	SLU-ENVE	Max	0	0	0	-48,7076	-6,3782	10,2554	-35,64	-2,35
2500	Shell-Thin	SLU-ENVE	Min	0	0	0	-78,7467	-	-0,0311	-135,59	-10,49
								12,4434			
2500	Shell-Thin	SLU-ENVE	Min	0	0	0	-35,1308	-6,9225	0,229	-135,59	-0,2
2500	Shell-Thin	SLU-ENVE	Min	0	0	0	-35,7569	-7,0022	0,2637	-114,52	-0,2
2500	Shell-Thin	SLU-ENVE	Min	0	0	0	-70,6712	-	0,0037	-114,52	-10,49
								11,0513			
2500	Shell-Thin	SLE-ENVE	Max	0	0	0	-36,655	-5,6531	4,8414	-27,61	-1,67
2500	Shell-Thin	SLE-ENVE	Max	0	0	0	-7,0606	4,4715	6,2087	-27,61	4,64
2500	Shell-Thin	SLE-ENVE	Max	0	0	0	-8,9978	3,2137	7,0604	-24,93	4,64
2500	Shell-Thin	SLE-ENVE	Max	0	0	0	-35,7471	-5,3173	5,6931	-24,93	-1,67
2500	Shell-Thin	SLE-ENVE	Min	0	0	0	-50,3638	-8,2457	-0,031	-76,77	-5,94
2500	Shell-Thin	SLE-ENVE	Min	0	0	0	-22,8961	-4,5211	0,1458	-76,77	-0,14
2500	Shell-Thin	SLE-ENVE	Min	0	0	0	-23,3247	-4,5752	0,1678	-64,87	-0,14
2500	Shell-Thin	SLE-ENVE	Min	0	0	0	-45,8131	-7,4431	-0,009	-64,87	-5,94
2501	Shell-Thin	SLU-ENVE	Max	0	0	0	-48,7112	-6,458	12,5739	-35,45	9,71
2501	Shell-Thin	SLU-ENVE	Max	0	0	0	-4,3338	8,181	13,0484	-35,45	22,35
2501	Shell-Thin	SLU-ENVE	Max	0	0	0	-6,5645	3,2368	14,1158	-39,22	22,35
2501	Shell-Thin	SLU-ENVE	Max	0	0	0	-50,0281	-8,2587	13,6413	-39,22	9,71
2501	Shell-Thin	SLU-ENVE	Min	0	0	0	-70,7055	-	0,3166	-112,74	0,56
								11,2124			
2501	Shell-Thin	SLU-ENVE	Min	0	0	0	-35,7552	-6,9936	-0,0174	-112,74	0,57

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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
2501	Shell-Thin	SLU-ENVE	Min	0	0	0	-35,1627	-6,9755	-0,036	-122,24	0,57
2501	Shell-Thin	SLU-ENVE	Min	0	0	0	-72,9105	-	0,2979	-122,24	0,56
								12,2039			
2501	Shell-Thin	SLE-ENVE	Max	0	0	0	-35,7497	-5,3641	6,9956	-24,79	5,48
2501	Shell-Thin	SLE-ENVE	Max	0	0	0	-8,9933	3,2364	7,2424	-24,79	12,5
2501	Shell-Thin	SLE-ENVE	Max	0	0	0	-10,1531	0,6149	7,8337	-27,5	12,5
2501	Shell-Thin	SLE-ENVE	Max	0	0	0	-36,7002	-6,3623	7,5869	-27,5	5,48
2501	Shell-Thin	SLE-ENVE	Min	0	0	0	-45,8323	-7,5392	0,2034	-63,87	0,41
2501	Shell-Thin	SLE-ENVE	Min	0	0	0	-23,3236	-4,5693	-0,0263	-63,87	0,41
2501	Shell-Thin	SLE-ENVE	Min	0	0	0	-22,9194	-4,5564	-0,0407	-69,34	0,41
2501	Shell-Thin	SLE-ENVE	Min	0	0	0	-47,126	-8,0892	0,189	-69,34	0,41
2502	Shell-Thin	SLU-ENVE	Max	0	0	0	-50,0133	-8,0793	13,3671	-39,14	7,9
2502	Shell-Thin	SLU-ENVE	Max	0	0	0	-6,5678	3,2043	15,8753	-39,14	21,48
2502	Shell-Thin	SLU-ENVE	Max	0	0	0	-10,9009	-0,2802	16,4063	-36,46	21,48
2502	Shell-Thin	SLU-ENVE	Max	0	0	0	-48,743	-9,8046	13,8981	-36,46	7,9
2502	Shell-Thin	SLU-ENVE	Min	0	0	0	-72,8421	-	-0,0667	-119,92	-2,14
								11,8618			
2502	Shell-Thin	SLU-ENVE	Min	0	0	0	-35,1666	-6,995	0,2198	-119,92	-0,46
2502	Shell-Thin	SLU-ENVE	Min	0	0	0	-35,546	-7,0223	0,1905	-106,36	-0,46
2502	Shell-Thin	SLU-ENVE	Min	0	0	0	-66,8548	-	-0,096	-106,36	-2,14
								12,5853			
2502	Shell-Thin	SLE-ENVE	Max	0	0	0	-36,6895	-6,2521	7,416	-27,45	4,44
2502	Shell-Thin	SLE-ENVE	Max	0	0	0	-10,1554	0,5565	8,823	-27,45	11,87
2502	Shell-Thin	SLE-ENVE	Max	0	0	0	-12,6154	-1,341	9,1157	-25,54	11,87
2502	Shell-Thin	SLE-ENVE	Max	0	0	0	-35,9978	-7,2117	7,7088	-25,54	4,44
2502	Shell-Thin	SLE-ENVE	Min	0	0	0	-47,0872	-7,8954	-0,0618	-68,05	-1,16
2502	Shell-Thin	SLE-ENVE	Min	0	0	0	-22,922	-4,5697	0,1324	-68,05	-0,32
2502	Shell-Thin	SLE-ENVE	Min	0	0	0	-23,1825	-4,5876	0,1108	-60,38	-0,32
2502	Shell-Thin	SLE-ENVE	Min	0	0	0	-43,7121	-8,3086	-0,0834	-60,38	-1,16
2503	Shell-Thin	SLU-ENVE	Max	0	0	0	-1,4669	9,829	0,0002252	-30,14	1,03
2503	Shell-Thin	SLU-ENVE	Max	0	0	0	44,2254	30,4367	0,0029	-30,14	-0,02008
2503	Shell-Thin	SLU-ENVE	Max	0	0	0	44,1776	30,4331	0,8663	-30,09	-0,02008
2503	Shell-Thin	SLU-ENVE	Max	0	0	0	-1,4487	9,7629	0,8492	-30,09	1,03
2503	Shell-Thin	SLU-ENVE	Min	0	0	0	-35,4499	-6,9813	-0,9919	-125,51	0,2
2503	Shell-Thin	SLU-ENVE	Min	0	0	0	-19,9931	-3,8268	-0,9748	-125,51	-0,08053
2503	Shell-Thin	SLU-ENVE	Min	0	0	0	-20,0064	-3,8144	0,0234	-125,26	-0,08053
2503	Shell-Thin	SLU-ENVE	Min	0	0	0	-35,4384	-7,0346	0,0207	-125,26	0,2
2503	Shell-Thin	SLE-ENVE	Max	0	0	0	-7,3579	4,2767	0,0012	-20,96	0,6
2503	Shell-Thin	SLE-ENVE	Max	0	0	0	19,506	15,8942	0,0031	-20,96	-0,0129
2503	Shell-Thin	SLE-ENVE	Max	0	0	0	19,4785	15,8927	0,4821	-20,92	-0,0129
2503	Shell-Thin	SLE-ENVE	Max	0	0	0	-7,3461	4,2372	0,4727	-20,92	0,6
2503	Shell-Thin	SLE-ENVE	Min	0	0	0	-23,1136	-4,5618	-0,5502	-71,43	0,14
2503	Shell-Thin	SLE-ENVE	Min	0	0	0	-12,6587	-2,4378	-0,5408	-71,43	-0,04971
2503	Shell-Thin	SLE-ENVE	Min	0	0	0	-12,6677	-2,4293	0,015	-71,29	-0,04971
2503	Shell-Thin	SLE-ENVE	Min	0	0	0	-23,1057	-4,5982	0,0131	-71,29	0,14
2504	Shell-Thin	SLU-ENVE	Max	0	0	0	-1,442	9,8605	2,9535	-30,05	1,13
2504	Shell-Thin	SLU-ENVE	Max	0	0	0	44,1739	30,4143	2,4627	-30,05	0,06134
2504	Shell-Thin	SLU-ENVE	Max	0	0	0	43,7009	31,1671	4,3698	-30,13	0,06134
2504	Shell-Thin	SLU-ENVE	Max	0	0	0	-1,1485	10,5713	4,8606	-30,13	1,13
2504	Shell-Thin	SLU-ENVE	Min	0	0	0	-35,4345	-7,0151	0,053	-125,48	-8,23
2504	Shell-Thin	SLU-ENVE	Min	0	0	0	-20,0073	-3,819	0,0361	-125,48	-2,03
2504	Shell-Thin	SLU-ENVE	Min	0	0	0	-19,9974	-3,8249	0,0487	-125,66	-2,03
2504	Shell-Thin	SLU-ENVE	Min	0	0	0	-35,4689	-6,9287	0,0656	-125,66	-8,23

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**Table: Element Forces - Area Shells**

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
2504	Shell-Thin	SLE-ENVE	Max	0	0	0	-7,3419	4,2924	1,6424	-20,9	0,61
2504	Shell-Thin	SLE-ENVE	Max	0	0	0	19,4764	15,882	1,3688	-20,9	0,04105
2504	Shell-Thin	SLE-ENVE	Max	0	0	0	19,214	16,3	2,428	-20,96	0,04105
2504	Shell-Thin	SLE-ENVE	Max	0	0	0	-7,1836	4,5724	2,7017	-20,96	0,61
2504	Shell-Thin	SLE-ENVE	Min	0	0	0	-23,103	-4,5849	0,0331	-71,41	-4,62
2504	Shell-Thin	SLE-ENVE	Min	0	0	0	-12,6683	-2,4324	0,0215	-71,41	-1,12
2504	Shell-Thin	SLE-ENVE	Min	0	0	0	-12,6615	-2,4361	0,028	-71,51	-1,12
2504	Shell-Thin	SLE-ENVE	Min	0	0	0	-23,1267	-4,5257	0,0396	-71,51	-4,62
2505	Shell-Thin	SLU-ENVE	Max	0	0	0	-1,1554	10,537	6,855	-30,13	6,06
2505	Shell-Thin	SLU-ENVE	Max	0	0	0	43,7031	31,1782	6,327	-30,13	7,83
2505	Shell-Thin	SLU-ENVE	Max	0	0	0	41,8172	29,486	8,3139	-29,95	7,83
2505	Shell-Thin	SLU-ENVE	Max	0	0	0	-1,6823	10,2643	8,842	-29,95	6,06
2505	Shell-Thin	SLU-ENVE	Min	0	0	0	-35,4706	-6,9373	0,0555	-125,99	0,13
2505	Shell-Thin	SLU-ENVE	Min	0	0	0	-19,997	-3,8227	0,0706	-125,99	-0,04969
2505	Shell-Thin	SLU-ENVE	Min	0	0	0	-20,0271	-3,8178	0,0814	-122,15	-0,04969
2505	Shell-Thin	SLU-ENVE	Min	0	0	0	-35,4115	-6,9786	0,0663	-122,15	0,13
2505	Shell-Thin	SLE-ENVE	Max	0	0	0	-7,1877	4,5521	3,8083	-20,95	3,37
2505	Shell-Thin	SLE-ENVE	Max	0	0	0	19,2153	16,3063	3,5155	-20,95	4,34
2505	Shell-Thin	SLE-ENVE	Max	0	0	0	18,166	15,3666	4,619	-20,83	4,34
2505	Shell-Thin	SLE-ENVE	Max	0	0	0	-7,4728	4,3954	4,9118	-20,83	3,37
2505	Shell-Thin	SLE-ENVE	Min	0	0	0	-23,1278	-4,5316	0,0307	-71,69	0,09127
2505	Shell-Thin	SLE-ENVE	Min	0	0	0	-12,6611	-2,4346	0,0408	-71,69	-0,03673
2505	Shell-Thin	SLE-ENVE	Min	0	0	0	-12,6815	-2,4305	0,0462	-69,56	-0,03673
2505	Shell-Thin	SLE-ENVE	Min	0	0	0	-23,0879	-4,5595	0,036	-69,56	0,09127
2506	Shell-Thin	SLU-ENVE	Max	0	0	0	-1,6846	10,2525	10,8707	-29,95	10,41
2506	Shell-Thin	SLU-ENVE	Max	0	0	0	41,8185	29,4925	10,1874	-29,95	19,52
2506	Shell-Thin	SLU-ENVE	Max	0	0	0	38,9695	24,9547	11,9779	-30,09	19,52
2506	Shell-Thin	SLU-ENVE	Max	0	0	0	-3,7593	8,2588	12,6611	-30,09	10,41
2506	Shell-Thin	SLU-ENVE	Min	0	0	0	-35,4115	-6,9786	0,096	-121,37	-0,11
2506	Shell-Thin	SLU-ENVE	Min	0	0	0	-20,0271	-3,8178	0,0821	-121,37	0,11
2506	Shell-Thin	SLU-ENVE	Min	0	0	0	-20,004	-3,8377	0,0923	-115,93	0,11
2506	Shell-Thin	SLU-ENVE	Min	0	0	0	-35,465	-6,9439	0,1062	-115,93	-0,11
2506	Shell-Thin	SLE-ENVE	Max	0	0	0	-7,4741	4,3888	6,0395	-20,83	5,77
2506	Shell-Thin	SLE-ENVE	Max	0	0	0	18,1668	15,3702	5,6591	-20,83	10,85
2506	Shell-Thin	SLE-ENVE	Max	0	0	0	16,5853	12,8487	6,6535	-20,94	10,85
2506	Shell-Thin	SLE-ENVE	Max	0	0	0	-8,6347	3,2863	7,0339	-20,94	5,77
2506	Shell-Thin	SLE-ENVE	Min	0	0	0	-23,0879	-4,5595	0,0543	-69,12	-0,07743
2506	Shell-Thin	SLE-ENVE	Min	0	0	0	-12,6815	-2,4305	0,0446	-69,12	0,06942
2506	Shell-Thin	SLE-ENVE	Min	0	0	0	-12,6653	-2,4429	0,0496	-66,11	0,06942
2506	Shell-Thin	SLE-ENVE	Min	0	0	0	-23,1251	-4,5352	0,0594	-66,11	-0,07743
2507	Shell-Thin	SLU-ENVE	Max	0	0	0	-3,7516	8,2974	14,17	-30,08	23,97
2507	Shell-Thin	SLU-ENVE	Max	0	0	0	38,9681	24,9476	13,6045	-30,08	31,63
2507	Shell-Thin	SLU-ENVE	Max	0	0	0	34,8184	17,3233	14,8503	-29,96	31,63
2507	Shell-Thin	SLU-ENVE	Max	0	0	0	-7,0767	3,1184	15,4158	-29,96	23,97
2507	Shell-Thin	SLU-ENVE	Min	0	0	0	-35,4633	-6,9352	0,095	-113,73	0,33
2507	Shell-Thin	SLU-ENVE	Min	0	0	0	-20,0044	-3,8399	0,1129	-113,73	-
											0,0009737
2507	Shell-Thin	SLU-ENVE	Min	0	0	0	-20,0212	-3,8486	0,1236	-104,25	-
											0,0009737
2507	Shell-Thin	SLU-ENVE	Min	0	0	0	-35,4237	-7,0277	0,1056	-104,25	0,33
2507	Shell-Thin	SLE-ENVE	Max	0	0	0	-8,6301	3,309	7,8707	-20,94	13,36
2507	Shell-Thin	SLE-ENVE	Max	0	0	0	16,5845	12,8446	7,5573	-20,94	17,57



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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
2507	Shell-Thin	SLE-ENVE	Max	0	0	0	14,2785	8,609	8,2492	-20,86	17,57
2507	Shell-Thin	SLE-ENVE	Max	0	0	0	-10,473	0,5131	8,5626	-20,86	13,36
2507	Shell-Thin	SLE-ENVE	Min	0	0	0	-23,124	-4,5294	0,0498	-64,88	0,23
2507	Shell-Thin	SLE-ENVE	Min	0	0	0	-12,6656	-2,4445	0,0617	-64,88	-0,005716
2507	Shell-Thin	SLE-ENVE	Min	0	0	0	-12,6766	-2,449	0,0671	-59,62	-0,005716
2507	Shell-Thin	SLE-ENVE	Min	0	0	0	-23,0978	-4,592	0,0552	-59,62	0,23
2508	Shell-Thin	SLU-ENVE	Max	0	0	0	-7,08	3,1019	16,4211	-29,99	24,26
2508	Shell-Thin	SLU-ENVE	Max	0	0	0	34,8234	17,3482	15,6563	-29,99	33,78
2508	Shell-Thin	SLU-ENVE	Max	0	0	0	30,3616	9,2851	16,1779	-30,01	33,78
2508	Shell-Thin	SLU-ENVE	Max	0	0	0	-10,7281	-0,2244	16,9426	-30,01	24,26
2508	Shell-Thin	SLU-ENVE	Min	0	0	0	-35,4276	-7,0472	0,1355	-101,41	-0,19
2508	Shell-Thin	SLU-ENVE	Min	0	0	0	-20,0203	-3,844	0,1336	-101,41	0,11
2508	Shell-Thin	SLU-ENVE	Min	0	0	0	-20,0141	-3,8704	0,151	-91,73	0,11
2508	Shell-Thin	SLU-ENVE	Min	0	0	0	-35,4342	-6,9999	0,1529	-91,73	-0,19
2508	Shell-Thin	SLE-ENVE	Max	0	0	0	-10,4754	0,4546	9,1217	-20,89	13,45
2508	Shell-Thin	SLE-ENVE	Max	0	0	0	14,2813	8,6231	8,6967	-20,89	18,77
2508	Shell-Thin	SLE-ENVE	Max	0	0	0	11,8031	4,143	8,9865	-20,91	18,77
2508	Shell-Thin	SLE-ENVE	Max	0	0	0	-12,5042	-1,3088	9,4116	-20,91	13,45
2508	Shell-Thin	SLE-ENVE	Min	0	0	0	-23,1004	-4,6054	0,0739	-58,04	-0,13
2508	Shell-Thin	SLE-ENVE	Min	0	0	0	-12,6759	-2,4459	0,0722	-58,04	0,06867
2508	Shell-Thin	SLE-ENVE	Min	0	0	0	-12,6711	-2,4622	0,0824	-52,66	0,06867
2508	Shell-Thin	SLE-ENVE	Min	0	0	0	-23,106	-4,5723	0,0841	-52,66	-0,13
2509	Shell-Thin	SLU-ENVE	Max	0	0	0	44,1633	30,4242	0,0007961	-22,64	-0,004594
2509	Shell-Thin	SLU-ENVE	Max	0	0	0	85,0932	44,51	-0,0028	-22,64	0,67
2509	Shell-Thin	SLU-ENVE	Max	0	0	0	85,0771	44,3341	0,6025	-22,62	0,67
2509	Shell-Thin	SLU-ENVE	Max	0	0	0	44,1808	30,4338	0,596	-22,62	-0,004594
2509	Shell-Thin	SLU-ENVE	Min	0	0	0	-19,9984	-3,8278	-0,7309	-86,7	-0,11
2509	Shell-Thin	SLU-ENVE	Min	0	0	0	-8,2867	-1,4088	-0,7244	-86,7	-0,36
2509	Shell-Thin	SLU-ENVE	Min	0	0	0	-8,2931	-1,4073	0,0119	-86,63	-0,36
2509	Shell-Thin	SLU-ENVE	Min	0	0	0	-19,9973	-3,8125	0,0155	-86,63	-0,11
2509	Shell-Thin	SLE-ENVE	Max	0	0	0	19,4712	15,8872	0,0016	-15,56	-0,01001
2509	Shell-Thin	SLE-ENVE	Max	0	0	0	43,2366	23,9178	-	-15,56	0,38
									0,0008438		
2509	Shell-Thin	SLE-ENVE	Max	0	0	0	43,2272	23,82	0,3352	-15,55	0,38
2509	Shell-Thin	SLE-ENVE	Max	0	0	0	19,4808	15,8932	0,3319	-15,55	-0,01001
2509	Shell-Thin	SLE-ENVE	Min	0	0	0	-12,6622	-2,4385	-0,4051	-50,22	-0,06814
2509	Shell-Thin	SLE-ENVE	Min	0	0	0	-4,8996	-0,8436	-0,4018	-50,22	-0,2
2509	Shell-Thin	SLE-ENVE	Min	0	0	0	-4,904	-0,8425	0,0071	-50,18	-0,2
2509	Shell-Thin	SLE-ENVE	Min	0	0	0	-12,6614	-2,428	0,0096	-50,18	-0,06814
2510	Shell-Thin	SLU-ENVE	Max	0	0	0	44,1771	30,4149	2,2397	-22,63	0,58
2510	Shell-Thin	SLU-ENVE	Max	0	0	0	85,0759	44,3281	1,6308	-22,63	4,85
2510	Shell-Thin	SLU-ENVE	Max	0	0	0	84,5547	46,483	3,0491	-22,64	4,85
2510	Shell-Thin	SLU-ENVE	Max	0	0	0	43,509	31,1287	3,658	-22,64	0,58
2510	Shell-Thin	SLU-ENVE	Min	0	0	0	-19,9982	-3,8172	0,031	-87,16	-1,39
2510	Shell-Thin	SLU-ENVE	Min	0	0	0	-8,2928	-1,4062	0,0251	-87,16	-7,15
2510	Shell-Thin	SLU-ENVE	Min	0	0	0	-8,2964	-1,4075	0,0404	-87,46	-7,15
2510	Shell-Thin	SLU-ENVE	Min	0	0	0	-20,0112	-3,8277	0,0463	-87,46	-1,39
2510	Shell-Thin	SLE-ENVE	Max	0	0	0	19,4786	15,8825	1,2449	-15,55	0,33
2510	Shell-Thin	SLE-ENVE	Max	0	0	0	43,2265	23,8167	0,9062	-15,55	2,7
2510	Shell-Thin	SLE-ENVE	Max	0	0	0	42,9369	25,014	1,694	-15,56	2,7
2510	Shell-Thin	SLE-ENVE	Max	0	0	0	19,1068	16,2786	2,0327	-15,56	0,33
2510	Shell-Thin	SLE-ENVE	Min	0	0	0	-12,6621	-2,4312	0,018	-50,48	-0,77

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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
2510	Shell-Thin	SLE-ENVE	Min	0	0	0	-4,9038	-0,8417	0,0141	-50,48	-3,97
2510	Shell-Thin	SLE-ENVE	Min	0	0	0	-4,9058	-0,8419	0,0226	-50,64	-3,97
2510	Shell-Thin	SLE-ENVE	Min	0	0	0	-12,6708	-2,438	0,0264	-50,64	-0,77
2511	Shell-Thin	SLU-ENVE	Max	0	0	0	43,5112	31,1398	5,4625	-22,63	9,95
2511	Shell-Thin	SLU-ENVE	Max	0	0	0	84,5516	46,4676	4,2366	-22,63	11,25
2511	Shell-Thin	SLU-ENVE	Max	0	0	0	81,6938	44,47	5,7307	-22,61	11,25
2511	Shell-Thin	SLU-ENVE	Max	0	0	0	41,7235	29,4672	6,9566	-22,61	9,95
2511	Shell-Thin	SLU-ENVE	Min	0	0	0	-20,0107	-3,8254	0,0612	-87,97	-0,03198
2511	Shell-Thin	SLU-ENVE	Min	0	0	0	-8,2965	-1,408	0,0562	-87,97	0,05606
2511	Shell-Thin	SLU-ENVE	Min	0	0	0	-8,3071	-1,4195	0,0696	-85,83	0,05606
2511	Shell-Thin	SLU-ENVE	Min	0	0	0	-20,0125	-3,8149	0,0747	-85,83	-0,03198
2511	Shell-Thin	SLE-ENVE	Max	0	0	0	19,108	16,2848	3,035	-15,56	5,53
2511	Shell-Thin	SLE-ENVE	Max	0	0	0	42,9352	25,0054	2,3537	-15,56	6,25
2511	Shell-Thin	SLE-ENVE	Max	0	0	0	41,3473	23,8955	3,1835	-15,55	6,25
2511	Shell-Thin	SLE-ENVE	Max	0	0	0	18,1147	15,3563	3,8648	-15,55	5,53
2511	Shell-Thin	SLE-ENVE	Min	0	0	0	-12,6705	-2,4364	0,0345	-50,92	-0,02565
2511	Shell-Thin	SLE-ENVE	Min	0	0	0	-4,9058	-0,8423	0,0314	-50,92	0,03263
2511	Shell-Thin	SLE-ENVE	Min	0	0	0	-4,9121	-0,8489	0,0385	-49,74	0,03263
2511	Shell-Thin	SLE-ENVE	Min	0	0	0	-12,6714	-2,4284	0,0417	-49,74	-0,02565
2512	Shell-Thin	SLU-ENVE	Max	0	0	0	41,7248	29,4737	8,7641	-22,61	23,32
2512	Shell-Thin	SLU-ENVE	Max	0	0	0	81,694	44,4709	6,905	-22,61	29,33
2512	Shell-Thin	SLU-ENVE	Max	0	0	0	76,4118	38,4118	8,2517	-22,59	29,33
2512	Shell-Thin	SLU-ENVE	Max	0	0	0	38,7766	24,9161	10,1153	-22,59	23,32
2512	Shell-Thin	SLU-ENVE	Min	0	0	0	-20,0125	-3,8149	0,0855	-85,34	0,11
2512	Shell-Thin	SLU-ENVE	Min	0	0	0	-8,3071	-1,4195	0,0825	-85,34	0,05665
2512	Shell-Thin	SLU-ENVE	Min	0	0	0	-8,3169	-1,4321	0,0953	-80,68	0,05665
2512	Shell-Thin	SLU-ENVE	Min	0	0	0	-20,0176	-3,8404	0,0983	-80,68	0,11
2512	Shell-Thin	SLE-ENVE	Max	0	0	0	18,1154	15,36	4,8685	-15,55	12,96
2512	Shell-Thin	SLE-ENVE	Max	0	0	0	41,3474	23,896	3,8357	-15,55	16,29
2512	Shell-Thin	SLE-ENVE	Max	0	0	0	38,413	20,5299	4,5836	-15,54	16,29
2512	Shell-Thin	SLE-ENVE	Max	0	0	0	16,4774	12,8271	5,6191	-15,54	12,96
2512	Shell-Thin	SLE-ENVE	Min	0	0	0	-12,6714	-2,4284	0,0471	-49,47	0,06845
2512	Shell-Thin	SLE-ENVE	Min	0	0	0	-4,9121	-0,8489	0,0455	-49,47	0,03041
2512	Shell-Thin	SLE-ENVE	Min	0	0	0	-4,9173	-0,8557	0,0523	-46,87	0,03041
2512	Shell-Thin	SLE-ENVE	Min	0	0	0	-12,6746	-2,4448	0,0539	-46,87	0,06845
2513	Shell-Thin	SLU-ENVE	Max	0	0	0	38,7752	24,909	11,7059	-22,59	36,95
2513	Shell-Thin	SLU-ENVE	Max	0	0	0	76,416	38,4329	9,2147	-22,59	52,02
2513	Shell-Thin	SLU-ENVE	Max	0	0	0	68,6697	27,0788	10,1449	-22,54	52,02
2513	Shell-Thin	SLU-ENVE	Max	0	0	0	34,8092	17,3215	12,6414	-22,54	36,95
2513	Shell-Thin	SLU-ENVE	Min	0	0	0	-20,0181	-3,8427	0,1119	-79,02	0,02104
2513	Shell-Thin	SLU-ENVE	Min	0	0	0	-8,3168	-1,4316	0,1097	-79,02	0,09326
2513	Shell-Thin	SLU-ENVE	Min	0	0	0	-8,3333	-1,4538	0,123	-71,56	0,09326
2513	Shell-Thin	SLU-ENVE	Min	0	0	0	-20,0121	-3,8468	0,1252	-71,56	0,02104
2513	Shell-Thin	SLE-ENVE	Max	0	0	0	16,4766	12,823	6,5026	-15,54	20,53
2513	Shell-Thin	SLE-ENVE	Max	0	0	0	38,4153	20,5417	5,1186	-15,54	28,9
2513	Shell-Thin	SLE-ENVE	Max	0	0	0	34,1118	14,2336	5,6352	-15,52	28,9
2513	Shell-Thin	SLE-ENVE	Max	0	0	0	14,2738	8,6081	7,0222	-15,52	20,53
2513	Shell-Thin	SLE-ENVE	Min	0	0	0	-12,6749	-2,4463	0,0612	-45,96	0,007277
2513	Shell-Thin	SLE-ENVE	Min	0	0	0	-4,9172	-0,8554	0,0604	-45,96	0,05308
2513	Shell-Thin	SLE-ENVE	Min	0	0	0	-4,9265	-0,8683	0,0677	-41,75	0,05308
2513	Shell-Thin	SLE-ENVE	Min	0	0	0	-12,6703	-2,4478	0,0685	-41,75	0,007277
2514	Shell-Thin	SLU-ENVE	Max	0	0	0	34,8141	17,3464	13,4548	-22,52	39,58

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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
2514	Shell-Thin	SLU-ENVE	Max	0	0	0	68,6751	27,1061	10,6264	-22,52	55
2514	Shell-Thin	SLU-ENVE	Max	0	0	0	60,2449	15,198	10,9614	-22,5	55
2514	Shell-Thin	SLU-ENVE	Max	0	0	0	30,4069	9,2942	13,7593	-22,5	39,58
2514	Shell-Thin	SLU-ENVE	Min	0	0	0	-20,0112	-3,8422	0,1381	-69,17	0,13
2514	Shell-Thin	SLU-ENVE	Min	0	0	0	-8,3335	-1,455	0,1336	-69,17	0,1
2514	Shell-Thin	SLU-ENVE	Min	0	0	0	-8,3469	-1,4789	0,145	-62,69	0,1
2514	Shell-Thin	SLU-ENVE	Min	0	0	0	-20,0193	-3,8714	0,1495	-62,69	0,13
2514	Shell-Thin	SLE-ENVE	Max	0	0	0	14,2766	8,6221	7,474	-15,51	21,99
2514	Shell-Thin	SLE-ENVE	Max	0	0	0	34,1148	14,2487	5,9025	-15,51	30,56
2514	Shell-Thin	SLE-ENVE	Max	0	0	0	29,4318	7,633	6,0884	-15,51	30,56
2514	Shell-Thin	SLE-ENVE	Max	0	0	0	11,8281	4,148	7,643	-15,51	21,99
2514	Shell-Thin	SLE-ENVE	Min	0	0	0	-12,6697	-2,4446	0,0755	-40,35	0,07754
2514	Shell-Thin	SLE-ENVE	Min	0	0	0	-4,9267	-0,869	0,0733	-40,35	0,05868
2514	Shell-Thin	SLE-ENVE	Min	0	0	0	-4,9334	-0,8826	0,0794	-36,3	0,05868
2514	Shell-Thin	SLE-ENVE	Min	0	0	0	-12,6746	-2,4629	0,0816	-36,3	0,07754
2515	Shell-Thin	SLU-ENVE	Max	0	0	0	85,046	44,5006	-0,0069	-15,25	0,65
2515	Shell-Thin	SLU-ENVE	Max	0	0	0	93,0467	47,9719	-0,0098	-15,25	0,34
2515	Shell-Thin	SLU-ENVE	Max	0	0	0	93,0686	47,8772	0,2349	-15,26	0,34
2515	Shell-Thin	SLU-ENVE	Max	0	0	0	85,0322	44,3251	0,2135	-15,26	0,65
2515	Shell-Thin	SLU-ENVE	Min	0	0	0	-8,2876	-1,409	-0,313	-44,55	-0,36
2515	Shell-Thin	SLU-ENVE	Min	0	0	0	-0,2831	0,2596	-0,2917	-44,55	0,0002091
2515	Shell-Thin	SLU-ENVE	Min	0	0	0	-0,2844	0,2611	0,0042	-44,6	0,0002091
2515	Shell-Thin	SLU-ENVE	Min	0	0	0	-8,2927	-1,4072	0,0071	-44,6	-0,36
2515	Shell-Thin	SLE-ENVE	Max	0	0	0	43,2104	23,9126	-0,0038	-10,22	0,36
2515	Shell-Thin	SLE-ENVE	Max	0	0	0	48,8593	26,082	-0,0059	-10,22	0,19
2515	Shell-Thin	SLE-ENVE	Max	0	0	0	48,8713	26,0295	0,1303	-10,22	0,19
2515	Shell-Thin	SLE-ENVE	Max	0	0	0	43,2023	23,8151	0,1187	-10,22	0,36
2515	Shell-Thin	SLE-ENVE	Min	0	0	0	-4,9001	-0,8437	-0,1738	-25,45	-0,2
2515	Shell-Thin	SLE-ENVE	Min	0	0	0	0,1928	0,2127	-0,1622	-25,45	-
											0,0003116
2515	Shell-Thin	SLE-ENVE	Min	0	0	0	0,1919	0,2138	0,0019	-25,47	-
											0,0003116
2515	Shell-Thin	SLE-ENVE	Min	0	0	0	-4,9037	-0,8424	0,004	-25,47	-0,2
2516	Shell-Thin	SLU-ENVE	Max	0	0	0	85,031	44,3191	1,2511	-15,26	4,97
2516	Shell-Thin	SLU-ENVE	Max	0	0	0	93,0687	47,8777	0,2681	-15,26	1,03
2516	Shell-Thin	SLU-ENVE	Max	0	0	0	91,9446	49,451	0,8561	-15,24	1,03
2516	Shell-Thin	SLU-ENVE	Max	0	0	0	84,5074	46,4735	1,839	-15,24	4,97
2516	Shell-Thin	SLU-ENVE	Min	0	0	0	-8,2925	-1,4061	0,0221	-44,85	-6,62
2516	Shell-Thin	SLU-ENVE	Min	0	0	0	-0,2845	0,2608	0,0166	-44,85	-4,42
2516	Shell-Thin	SLU-ENVE	Min	0	0	0	-0,2944	0,2543	0,0298	-44,16	-4,42
2516	Shell-Thin	SLU-ENVE	Min	0	0	0	-8,2973	-1,4076	0,0353	-44,16	-6,62
2516	Shell-Thin	SLE-ENVE	Max	0	0	0	43,2016	23,8118	0,695	-10,22	2,76
2516	Shell-Thin	SLE-ENVE	Max	0	0	0	48,8713	26,0297	0,1488	-10,22	0,57
2516	Shell-Thin	SLE-ENVE	Max	0	0	0	48,2467	26,9037	0,4754	-10,21	0,57
2516	Shell-Thin	SLE-ENVE	Max	0	0	0	42,9106	25,0088	1,0216	-10,21	2,76
2516	Shell-Thin	SLE-ENVE	Min	0	0	0	-4,9035	-0,8417	0,0122	-25,61	-3,68
2516	Shell-Thin	SLE-ENVE	Min	0	0	0	0,1918	0,2136	0,0089	-25,61	-2,46
2516	Shell-Thin	SLE-ENVE	Min	0	0	0	0,1859	0,2101	0,0162	-25,23	-2,46
2516	Shell-Thin	SLE-ENVE	Min	0	0	0	-4,9063	-0,8421	0,0195	-25,23	-3,68
2517	Shell-Thin	SLU-ENVE	Max	0	0	0	84,5043	46,4581	2,9869	-15,24	12,71
2517	Shell-Thin	SLU-ENVE	Max	0	0	0	91,9453	49,4546	0,9972	-15,24	13,11
2517	Shell-Thin	SLU-ENVE	Max	0	0	0	88,7475	47,2649	1,6679	-15,23	13,11

AUTOSTRADA VALDASTICO A31 NORD  
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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
2517	Shell-Thin	SLU-ENVE	Max	0	0	0	81,6456	44,4603	3,6577	-15,23	12,71
2517	Shell-Thin	SLU-ENVE	Min	0	0	0	-8,2974	-1,4082	0,0496	-44,49	0,06237
2517	Shell-Thin	SLU-ENVE	Min	0	0	0	-0,2943	0,2545	0,0413	-44,49	0,06616
2517	Shell-Thin	SLU-ENVE	Min	0	0	0	-0,3086	0,2421	0,0542	-43,06	0,06616
2517	Shell-Thin	SLU-ENVE	Min	0	0	0	-8,3078	-1,4196	0,0625	-43,06	0,06237
2517	Shell-Thin	SLE-ENVE	Max	0	0	0	42,9089	25,0002	1,6592	-10,21	7,06
2517	Shell-Thin	SLE-ENVE	Max	0	0	0	48,2471	26,9057	0,5537	-10,21	7,28
2517	Shell-Thin	SLE-ENVE	Max	0	0	0	46,4705	25,6892	0,9263	-10,21	7,28
2517	Shell-Thin	SLE-ENVE	Max	0	0	0	41,3206	23,8902	2,0318	-10,21	7,06
2517	Shell-Thin	SLE-ENVE	Min	0	0	0	-4,9064	-0,8424	0,0273	-25,41	0,03576
2517	Shell-Thin	SLE-ENVE	Min	0	0	0	0,186	0,2103	0,0226	-25,41	0,03606
2517	Shell-Thin	SLE-ENVE	Min	0	0	0	0,1782	0,2036	0,0298	-24,62	0,03606
2517	Shell-Thin	SLE-ENVE	Min	0	0	0	-4,9125	-0,849	0,0345	-24,62	0,03576
2518	Shell-Thin	SLU-ENVE	Max	0	0	0	81,6458	44,4612	4,803	-15,19	30,96
2518	Shell-Thin	SLU-ENVE	Max	0	0	0	88,7487	47,2712	1,8732	-15,19	32,63
2518	Shell-Thin	SLU-ENVE	Max	0	0	0	83,4342	40,7971	2,4982	-15,11	32,63
2518	Shell-Thin	SLU-ENVE	Max	0	0	0	76,3745	38,4043	5,428	-15,11	30,96
2518	Shell-Thin	SLU-ENVE	Min	0	0	0	-8,3078	-1,4196	0,0765	-42,88	0,072
2518	Shell-Thin	SLU-ENVE	Min	0	0	0	-0,3086	0,2421	0,0658	-42,88	0,11
2518	Shell-Thin	SLU-ENVE	Min	0	0	0	-0,331	0,221	0,0781	-40,51	0,11
2518	Shell-Thin	SLU-ENVE	Min	0	0	0	-8,3177	-1,4323	0,0887	-40,51	0,072
2518	Shell-Thin	SLE-ENVE	Max	0	0	0	41,3207	23,8907	2,6679	-10,21	17,2
2518	Shell-Thin	SLE-ENVE	Max	0	0	0	46,4713	25,6928	1,0404	-10,21	18,13
2518	Shell-Thin	SLE-ENVE	Max	0	0	0	43,5187	22,0959	1,3875	-10,19	18,13
2518	Shell-Thin	SLE-ENVE	Max	0	0	0	38,3923	20,5257	3,0151	-10,19	17,2
2518	Shell-Thin	SLE-ENVE	Min	0	0	0	-4,9125	-0,849	0,0422	-24,51	0,03912
2518	Shell-Thin	SLE-ENVE	Min	0	0	0	0,1782	0,2036	0,0363	-24,51	0,05953
2518	Shell-Thin	SLE-ENVE	Min	0	0	0	0,1656	0,1917	0,0431	-23,2	0,05953
2518	Shell-Thin	SLE-ENVE	Min	0	0	0	-4,9178	-0,8558	0,049	-23,2	0,03912
2519	Shell-Thin	SLU-ENVE	Max	0	0	0	76,3787	38,4255	6,3481	-14,86	54,08
2519	Shell-Thin	SLU-ENVE	Max	0	0	0	83,4364	40,8083	2,6693	-14,86	54,31
2519	Shell-Thin	SLU-ENVE	Max	0	0	0	76,1985	29,3991	3,0753	-15,15	54,31
2519	Shell-Thin	SLU-ENVE	Max	0	0	0	68,6518	27,0752	6,7541	-15,15	54,08
2519	Shell-Thin	SLU-ENVE	Min	0	0	0	-8,3176	-1,4318	0,1017	-39,64	0,11
2519	Shell-Thin	SLU-ENVE	Min	0	0	0	-0,331	0,2209	0,0884	-39,64	0,13
2519	Shell-Thin	SLU-ENVE	Min	0	0	0	-0,3574	0,1947	0,0997	-36,62	0,13
2519	Shell-Thin	SLU-ENVE	Min	0	0	0	-8,3329	-1,4537	0,1131	-36,62	0,11
2519	Shell-Thin	SLE-ENVE	Max	0	0	0	38,3946	20,5375	3,5261	-10,19	30,04
2519	Shell-Thin	SLE-ENVE	Max	0	0	0	43,52	22,1021	1,4825	-10,19	30,17
2519	Shell-Thin	SLE-ENVE	Max	0	0	0	39,4992	15,7636	1,708	-10,18	30,17
2519	Shell-Thin	SLE-ENVE	Max	0	0	0	34,1019	14,2316	3,7516	-10,18	30,04
2519	Shell-Thin	SLE-ENVE	Min	0	0	0	-4,9177	-0,8555	0,0561	-22,71	0,06523
2519	Shell-Thin	SLE-ENVE	Min	0	0	0	0,1656	0,1915	0,0489	-22,71	0,07302
2519	Shell-Thin	SLE-ENVE	Min	0	0	0	0,1513	0,1769	0,0551	-21,04	0,07302
2519	Shell-Thin	SLE-ENVE	Min	0	0	0	-4,9262	-0,8682	0,0623	-21,04	0,06523
2520	Shell-Thin	SLU-ENVE	Max	0	0	0	68,6573	27,1025	7,2305	-15,14	57,29
2520	Shell-Thin	SLU-ENVE	Max	0	0	0	76,2013	29,4133	3,1002	-15,14	57,67
2520	Shell-Thin	SLU-ENVE	Max	0	0	0	68,2325	17,414	3,1917	-15,09	57,67
2520	Shell-Thin	SLU-ENVE	Max	0	0	0	60,2412	15,1972	7,322	-15,09	57,29
2520	Shell-Thin	SLU-ENVE	Min	0	0	0	-8,3331	-1,4549	0,1254	-35,37	0,13
2520	Shell-Thin	SLU-ENVE	Min	0	0	0	-0,3573	0,195	0,1099	-35,37	0,16
2520	Shell-Thin	SLU-ENVE	Min	0	0	0	-0,3912	0,1626	0,1208	-32,05	0,16

AUTOSTRADA VALDASTICO A31 NORD  
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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
2520	Shell-Thin	SLU-ENVE	Min	0	0	0	-8,3477	-1,479	0,1363	-32,05	0,13
2520	Shell-Thin	SLE-ENVE	Max	0	0	0	34,105	14,2467	4,0162	-10,18	31,83
2520	Shell-Thin	SLE-ENVE	Max	0	0	0	39,5007	15,7715	1,7219	-10,18	32,04
2520	Shell-Thin	SLE-ENVE	Max	0	0	0	35,0739	9,105	1,7727	-10,16	32,04
2520	Shell-Thin	SLE-ENVE	Max	0	0	0	29,4297	7,6325	4,067	-10,16	31,83
2520	Shell-Thin	SLE-ENVE	Min	0	0	0	-4,9264	-0,869	0,0691	-20,34	0,07142
2520	Shell-Thin	SLE-ENVE	Min	0	0	0	0,1514	0,1771	0,0608	-20,34	0,08977
2520	Shell-Thin	SLE-ENVE	Min	0	0	0	0,1327	0,1588	0,0669	-18,5	0,08977
2520	Shell-Thin	SLE-ENVE	Min	0	0	0	-4,9339	-0,8827	0,0752	-18,5	0,07142
2521	Shell-Thin	SLU-ENVE	Max	0	0	0	93,0461	47,9718	0,3677	36,79	0,34
2521	Shell-Thin	SLU-ENVE	Max	0	0	0	87,787	44,0043	0,3876	36,79	0,7
2521	Shell-Thin	SLU-ENVE	Max	0	0	0	87,7637	43,8166	0,0002238	36,86	0,7
2521	Shell-Thin	SLU-ENVE	Max	0	0	0	93,068	47,8771	0,0021	36,86	0,34
2521	Shell-Thin	SLU-ENVE	Min	0	0	0	-0,2837	0,2595	-0,0113	-8,7	-0,001643
2521	Shell-Thin	SLU-ENVE	Min	0	0	0	4,0487	1,169	-0,0132	-8,7	0,002554
2521	Shell-Thin	SLU-ENVE	Min	0	0	0	4,0453	1,1692	-0,286	-8,7	0,002554
2521	Shell-Thin	SLU-ENVE	Min	0	0	0	-0,2849	0,261	-0,3059	-8,7	-0,001643
2521	Shell-Thin	SLE-ENVE	Max	0	0	0	48,859	26,0819	0,2036	18,24	0,19
2521	Shell-Thin	SLE-ENVE	Max	0	0	0	46,3834	23,9672	0,2144	18,24	0,39
2521	Shell-Thin	SLE-ENVE	Max	0	0	0	46,3704	23,8629	-	18,28	0,39
									0,0008533		
2521	Shell-Thin	SLE-ENVE	Max	0	0	0	48,871	26,0294	0,0006025	18,28	0,19
2521	Shell-Thin	SLE-ENVE	Min	0	0	0	0,1925	0,2127	-0,0069	-6,59	-0,001511
2521	Shell-Thin	SLE-ENVE	Min	0	0	0	2,636	0,7255	-0,0083	-6,59	0,00186
2521	Shell-Thin	SLE-ENVE	Min	0	0	0	2,6334	0,7258	-0,1597	-6,55	0,00186
2521	Shell-Thin	SLE-ENVE	Min	0	0	0	0,1917	0,2138	-0,1706	-6,55	-0,001511
2522	Shell-Thin	SLU-ENVE	Max	0	0	0	93,068	47,8775	0,0199	37,08	1,23
2522	Shell-Thin	SLU-ENVE	Max	0	0	0	87,762	43,8082	0,0093	37,08	0,05964
2522	Shell-Thin	SLU-ENVE	Max	0	0	0	87,2819	46,0487	0,0229	36,32	0,05964
2522	Shell-Thin	SLU-ENVE	Max	0	0	0	91,9758	49,4572	0,0335	36,32	1,23
2522	Shell-Thin	SLU-ENVE	Min	0	0	0	-0,2849	0,2607	-0,4908	-9,16	-4,38
2522	Shell-Thin	SLU-ENVE	Min	0	0	0	4,0454	1,1696	-1,4658	-9,16	-6,98
2522	Shell-Thin	SLU-ENVE	Min	0	0	0	4,0351	1,1652	-2,1961	-9,27	-6,98
2522	Shell-Thin	SLU-ENVE	Min	0	0	0	-0,2951	0,2542	-1,2211	-9,27	-4,38
2522	Shell-Thin	SLE-ENVE	Max	0	0	0	48,871	26,0296	0,0104	18,41	0,69
2522	Shell-Thin	SLE-ENVE	Max	0	0	0	46,3694	23,8583	0,0044	18,41	0,02919
2522	Shell-Thin	SLE-ENVE	Max	0	0	0	46,1027	25,103	0,012	17,98	0,02919
2522	Shell-Thin	SLE-ENVE	Max	0	0	0	48,264	26,9071	0,0181	17,98	0,69
2522	Shell-Thin	SLE-ENVE	Min	0	0	0	0,1916	0,2136	-0,2733	-6,86	-2,43
2522	Shell-Thin	SLE-ENVE	Min	0	0	0	2,6334	0,7261	-0,815	-6,86	-3,88
2522	Shell-Thin	SLE-ENVE	Min	0	0	0	2,6282	0,7247	-1,2206	-6,92	-3,88
2522	Shell-Thin	SLE-ENVE	Min	0	0	0	0,1855	0,21	-0,6789	-6,92	-2,43
2523	Shell-Thin	SLU-ENVE	Max	0	0	0	91,9765	49,4608	0,0831	36,6	12,95
2523	Shell-Thin	SLU-ENVE	Max	0	0	0	87,2789	46,0339	0,0316	36,6	12,53
2523	Shell-Thin	SLU-ENVE	Max	0	0	0	84,4583	44,1436	0,0445	35,12	12,53
2523	Shell-Thin	SLU-ENVE	Max	0	0	0	88,7944	47,2742	0,1657	35,12	12,95
2523	Shell-Thin	SLU-ENVE	Min	0	0	0	-0,2951	0,2543	-1,4988	-10,13	0,07759
2523	Shell-Thin	SLU-ENVE	Min	0	0	0	4,035	1,165	-3,4801	-10,13	0,11
2523	Shell-Thin	SLU-ENVE	Min	0	0	0	4,0081	1,1442	-4,2801	-8,93	0,11
2523	Shell-Thin	SLU-ENVE	Min	0	0	0	-0,3089	0,242	-2,2988	-8,93	0,07759
2523	Shell-Thin	SLE-ENVE	Max	0	0	0	48,2644	26,9092	0,046	18,14	7,2
2523	Shell-Thin	SLE-ENVE	Max	0	0	0	46,1011	25,0948	0,0171	18,14	6,96

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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
2523	Shell-Thin	SLE-ENVE	Max	0	0	0	44,534	24,0446	0,0243	17,31	6,96
2523	Shell-Thin	SLE-ENVE	Max	0	0	0	46,4967	25,6945	0,0918	17,31	7,2
2523	Shell-Thin	SLE-ENVE	Min	0	0	0	0,1855	0,2102	-0,8331	-7,4	0,04235
2523	Shell-Thin	SLE-ENVE	Min	0	0	0	2,6281	0,7246	-1,9338	-7,4	0,0659
2523	Shell-Thin	SLE-ENVE	Min	0	0	0	2,6125	0,7121	-2,3782	-6,73	0,0659
2523	Shell-Thin	SLE-ENVE	Min	0	0	0	0,1781	0,2036	-1,2774	-6,73	0,04235
2524	Shell-Thin	SLU-ENVE	Max	0	0	0	88,7957	47,2806	0,5854	34,85	32,41
2524	Shell-Thin	SLU-ENVE	Max	0	0	0	84,4585	44,1448	0,0528	34,85	30,11
2524	Shell-Thin	SLU-ENVE	Max	0	0	0	79,2824	38,2908	0,065	32,33	30,11
2524	Shell-Thin	SLU-ENVE	Max	0	0	0	83,4758	40,8054	0,7372	32,33	32,41
2524	Shell-Thin	SLU-ENVE	Min	0	0	0	-0,3089	0,242	-2,6295	-9,21	0,12
2524	Shell-Thin	SLU-ENVE	Min	0	0	0	4,0081	1,1442	-5,5419	-9,21	0,13
2524	Shell-Thin	SLU-ENVE	Min	0	0	0	3,9763	1,1225	-6,2752	-8,65	0,13
2524	Shell-Thin	SLU-ENVE	Min	0	0	0	-0,3317	0,2209	-3,3628	-8,65	0,12
2524	Shell-Thin	SLE-ENVE	Max	0	0	0	46,4974	25,698	0,3249	17,17	18,01
2524	Shell-Thin	SLE-ENVE	Max	0	0	0	44,5342	24,0453	0,0291	17,17	16,73
2524	Shell-Thin	SLE-ENVE	Max	0	0	0	41,6587	20,793	0,036	15,77	16,73
2524	Shell-Thin	SLE-ENVE	Max	0	0	0	43,5418	22,1005	0,4092	15,77	18,01
2524	Shell-Thin	SLE-ENVE	Min	0	0	0	0,1781	0,2036	-1,4611	-6,89	0,06909
2524	Shell-Thin	SLE-ENVE	Min	0	0	0	2,6125	0,7121	-3,079	-6,89	0,06572
2524	Shell-Thin	SLE-ENVE	Min	0	0	0	2,5956	0,7009	-3,4863	-5,57	0,06572
2524	Shell-Thin	SLE-ENVE	Min	0	0	0	0,1651	0,1916	-1,8684	-5,57	0,06909
2525	Shell-Thin	SLU-ENVE	Max	0	0	0	83,4781	40,8166	1,0941	31,35	54,04
2525	Shell-Thin	SLU-ENVE	Max	0	0	0	79,2864	38,3108	0,0724	31,35	53,24
2525	Shell-Thin	SLU-ENVE	Max	0	0	0	71,6477	27,1583	0,0836	28,21	53,24
2525	Shell-Thin	SLU-ENVE	Max	0	0	0	76,2075	29,4009	1,1025	28,21	54,04
2525	Shell-Thin	SLU-ENVE	Min	0	0	0	-0,3318	0,2207	-3,6286	-8,65	0,16
2525	Shell-Thin	SLU-ENVE	Min	0	0	0	3,9763	1,1227	-7,2905	-8,65	0,2
2525	Shell-Thin	SLU-ENVE	Min	0	0	0	3,9288	1,0856	-7,7783	-8,6	0,2
2525	Shell-Thin	SLU-ENVE	Min	0	0	0	-0,3577	0,1946	-4,1164	-8,6	0,16
2525	Shell-Thin	SLE-ENVE	Max	0	0	0	43,5431	22,1067	0,6075	15,22	30,02
2525	Shell-Thin	SLE-ENVE	Max	0	0	0	41,6609	20,8041	0,0402	15,22	29,58
2525	Shell-Thin	SLE-ENVE	Max	0	0	0	37,4174	14,6082	0,0466	13,47	29,58
2525	Shell-Thin	SLE-ENVE	Max	0	0	0	39,5042	15,7646	0,6121	13,47	30,02
2525	Shell-Thin	SLE-ENVE	Min	0	0	0	0,1651	0,1914	-2,016	-5,26	0,0862
2525	Shell-Thin	SLE-ENVE	Min	0	0	0	2,5957	0,7011	-4,0502	-5,26	0,11
2525	Shell-Thin	SLE-ENVE	Min	0	0	0	2,5689	0,6794	-4,3211	-5,21	0,11
2525	Shell-Thin	SLE-ENVE	Min	0	0	0	0,1512	0,1769	-2,2869	-5,21	0,0862
2526	Shell-Thin	SLU-ENVE	Max	0	0	0	76,2103	29,415	1,1098	26,83	57,36
2526	Shell-Thin	SLU-ENVE	Max	0	0	0	71,6536	27,188	0,0901	26,83	56,26
2526	Shell-Thin	SLU-ENVE	Max	0	0	0	63,3648	15,5225	0,0997	23,32	56,26
2526	Shell-Thin	SLU-ENVE	Max	0	0	0	68,2052	17,4085	0,8342	23,32	57,36
2526	Shell-Thin	SLU-ENVE	Min	0	0	0	-0,3576	0,1949	-4,2121	-8,6	0,19
2526	Shell-Thin	SLU-ENVE	Min	0	0	0	3,9287	1,0853	-8,3201	-8,6	0,22
2526	Shell-Thin	SLU-ENVE	Min	0	0	0	3,8762	1,0457	-8,4643	-8,56	0,22
2526	Shell-Thin	SLU-ENVE	Min	0	0	0	-0,3916	0,1625	-4,3564	-8,56	0,19
2526	Shell-Thin	SLE-ENVE	Max	0	0	0	39,5058	15,7725	0,6162	12,71	31,87
2526	Shell-Thin	SLE-ENVE	Max	0	0	0	37,4207	14,6247	0,0504	12,71	31,26
2526	Shell-Thin	SLE-ENVE	Max	0	0	0	32,8161	8,1438	0,0558	10,76	31,26
2526	Shell-Thin	SLE-ENVE	Max	0	0	0	35,0587	9,102	0,4631	10,76	31,87
2526	Shell-Thin	SLE-ENVE	Min	0	0	0	0,1512	0,1771	-2,3401	-5,21	0,11
2526	Shell-Thin	SLE-ENVE	Min	0	0	0	2,5688	0,6791	-4,6219	-5,21	0,12

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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
2526	Shell-Thin	SLE-ENVE	Min	0	0	0	2,5406	0,6571	-4,702	-5,18	0,12
2526	Shell-Thin	SLE-ENVE	Min	0	0	0	0,1324	0,1587	-2,4201	-5,18	0,11
2527	Shell-Thin	SLU-ENVE	Max	0	0	0	87,8449	44,0159	0,7855	79,9	0,72
2527	Shell-Thin	SLU-ENVE	Max	0	0	0	50,572	30,0041	0,8016	79,9	-0,06753
2527	Shell-Thin	SLU-ENVE	Max	0	0	0	50,6614	30,1006	-0,0078	79,63	-0,06753
2527	Shell-Thin	SLU-ENVE	Max	0	0	0	87,7993	43,8237	-0,0084	79,63	0,72
2527	Shell-Thin	SLU-ENVE	Min	0	0	0	4,0489	1,169	-0,0101	-1,38	-
											0,0002782
2527	Shell-Thin	SLU-ENVE	Min	0	0	0	4,7391	1,3051	-0,0095	-1,38	-0,44
2527	Shell-Thin	SLU-ENVE	Min	0	0	0	4,7506	1,3234	-0,657	-1,42	-0,44
2527	Shell-Thin	SLU-ENVE	Min	0	0	0	4,0425	1,1687	-0,673	-1,42	-
											0,0002782
2527	Shell-Thin	SLE-ENVE	Max	0	0	0	46,4156	23,9737	0,4351	43,55	0,4
2527	Shell-Thin	SLE-ENVE	Max	0	0	0	26,1261	16,2733	0,4441	43,55	-0,05546
2527	Shell-Thin	SLE-ENVE	Max	0	0	0	26,1758	16,3271	-0,0057	43,4	-0,05546
2527	Shell-Thin	SLE-ENVE	Max	0	0	0	46,3902	23,8669	-0,0062	43,4	0,4
2527	Shell-Thin	SLE-ENVE	Min	0	0	0	2,6364	0,7256	-0,0076	-	-
										0,05988	0,0002198
2527	Shell-Thin	SLE-ENVE	Min	0	0	0	2,4455	0,6859	-0,0071	-	-0,24
										0,05988	
2527	Shell-Thin	SLE-ENVE	Min	0	0	0	2,4547	0,7007	-0,366	-	-0,24
										0,08647	
2527	Shell-Thin	SLE-ENVE	Min	0	0	0	2,6313	0,7254	-0,375	-	-
										0,08647	0,0002198
2528	Shell-Thin	SLU-ENVE	Max	0	0	0	87,7977	43,8153	0,0038	80,16	0,07469
2528	Shell-Thin	SLU-ENVE	Max	0	0	0	50,6593	30,0899	-0,0141	80,16	0,69
2528	Shell-Thin	SLU-ENVE	Max	0	0	0	49,9708	30,7754	-0,0139	80,64	0,69
2528	Shell-Thin	SLU-ENVE	Max	0	0	0	87,35	46,0623	0,0043	80,64	0,07469
2528	Shell-Thin	SLU-ENVE	Min	0	0	0	4,0425	1,169	-1,8296	-1,42	-7,55
2528	Shell-Thin	SLU-ENVE	Min	0	0	0	4,7503	1,3219	-2,4254	-1,42	-7,21
2528	Shell-Thin	SLU-ENVE	Min	0	0	0	4,7145	1,2919	-3,9744	-1,36	-7,21
2528	Shell-Thin	SLU-ENVE	Min	0	0	0	4,0364	1,1655	-3,3785	-1,36	-7,55
2528	Shell-Thin	SLE-ENVE	Max	0	0	0	46,3892	23,8623	0,0016	43,69	0,03818
2528	Shell-Thin	SLE-ENVE	Max	0	0	0	26,1746	16,3211	-0,0093	43,69	0,39
2528	Shell-Thin	SLE-ENVE	Max	0	0	0	25,792	16,7017	-0,0091	43,96	0,39
2528	Shell-Thin	SLE-ENVE	Max	0	0	0	46,1406	25,1106	0,002	43,96	0,03818
2528	Shell-Thin	SLE-ENVE	Min	0	0	0	2,6313	0,7256	-1,017	-	-4,2
										0,08311	
2528	Shell-Thin	SLE-ENVE	Min	0	0	0	2,4544	0,6996	-1,3484	-	-4,01
										0,08311	
2528	Shell-Thin	SLE-ENVE	Min	0	0	0	2,4302	0,678	-2,2088	-	-4,01
										0,03756	
2528	Shell-Thin	SLE-ENVE	Min	0	0	0	2,6294	0,725	-1,8774	-	-4,2
										0,03756	
2529	Shell-Thin	SLU-ENVE	Max	0	0	0	87,347	46,0476	0,0099	81,09	10,92
2529	Shell-Thin	SLU-ENVE	Max	0	0	0	49,9726	30,7841	-0,0181	81,09	8,19
2529	Shell-Thin	SLU-ENVE	Max	0	0	0	48,4666	29,5122	-0,0167	78,39	8,19
2529	Shell-Thin	SLU-ENVE	Max	0	0	0	84,4923	44,1504	0,0114	78,39	10,92
2529	Shell-Thin	SLU-ENVE	Min	0	0	0	4,0363	1,1653	-4,7227	-1,36	0,13
2529	Shell-Thin	SLU-ENVE	Min	0	0	0	4,7147	1,293	-5,8892	-1,36	0,004499
2529	Shell-Thin	SLU-ENVE	Min	0	0	0	4,6919	1,3025	-7,5006	-1,38	0,004499
2529	Shell-Thin	SLU-ENVE	Min	0	0	0	4,0057	1,1437	-6,3341	-1,38	0,13
2529	Shell-Thin	SLE-ENVE	Max	0	0	0	46,1389	25,1024	0,0044	44,21	6,07
2529	Shell-Thin	SLE-ENVE	Max	0	0	0	25,793	16,7066	-0,011	44,21	4,55

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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
2529	Shell-Thin	SLE-ENVE	Max	0	0	0	24,9566	16,0002	-0,0098	42,72	4,55
2529	Shell-Thin	SLE-ENVE	Max	0	0	0	44,5529	24,0483	0,0056	42,72	6,07
2529	Shell-Thin	SLE-ENVE	Min	0	0	0	2,6294	0,7248	-2,6244	-0,0413	0,07541
2529	Shell-Thin	SLE-ENVE	Min	0	0	0	2,4303	0,6788	-3,2723	-0,0413	-0,02801
2529	Shell-Thin	SLE-ENVE	Min	0	0	0	2,4212	0,6916	-4,1673	-0,05	-0,02801
2529	Shell-Thin	SLE-ENVE	Min	0	0	0	2,6107	0,7118	-3,5194	-0,05	0,07541
2530	Shell-Thin	SLU-ENVE	Max	0	0	0	84,4925	44,1516	0,0231	77,83	28,35
2530	Shell-Thin	SLU-ENVE	Max	0	0	0	48,4676	29,5168	-0,0192	77,83	22,55
2530	Shell-Thin	SLU-ENVE	Max	0	0	0	45,6332	25,118	-0,018	73,19	22,55
2530	Shell-Thin	SLU-ENVE	Max	0	0	0	79,3356	38,3014	0,0243	73,19	28,35
2530	Shell-Thin	SLU-ENVE	Min	0	0	0	4,0057	1,1437	-7,6059	-1,38	0,15
2530	Shell-Thin	SLU-ENVE	Min	0	0	0	4,6919	1,3025	-9,385	-1,38	0,31
2530	Shell-Thin	SLU-ENVE	Min	0	0	0	4,6241	1,2423	-10,83	-1,3	0,31
2530	Shell-Thin	SLU-ENVE	Min	0	0	0	3,9777	1,1228	-9,0511	-1,3	0,15
2530	Shell-Thin	SLE-ENVE	Max	0	0	0	44,5531	24,049	0,0131	42,4	15,75
2530	Shell-Thin	SLE-ENVE	Max	0	0	0	24,9571	16,0028	-0,0104	42,4	12,53
2530	Shell-Thin	SLE-ENVE	Max	0	0	0	23,3825	13,5587	-0,0093	39,82	12,53
2530	Shell-Thin	SLE-ENVE	Max	0	0	0	41,6883	20,7989	0,0142	39,82	15,75
2530	Shell-Thin	SLE-ENVE	Min	0	0	0	2,6107	0,7118	-4,2254	-	0,07932
										0,04923	
2530	Shell-Thin	SLE-ENVE	Min	0	0	0	2,4212	0,6916	-5,2139	-	0,2
										0,04923	
2530	Shell-Thin	SLE-ENVE	Min	0	0	0	2,3802	0,6507	-6,0166	0,01416	0,2
2530	Shell-Thin	SLE-ENVE	Min	0	0	0	2,5969	0,7012	-5,028	0,01416	0,07932
2531	Shell-Thin	SLU-ENVE	Max	0	0	0	79,3396	38,3214	0,0284	71,43	51,02
2531	Shell-Thin	SLU-ENVE	Max	0	0	0	45,6325	25,1146	-0,022	71,43	39,33
2531	Shell-Thin	SLU-ENVE	Max	0	0	0	42,0153	18,051	-0,0222	63,3	39,33
2531	Shell-Thin	SLU-ENVE	Max	0	0	0	71,6566	27,1601	0,028	63,3	51,02
2531	Shell-Thin	SLU-ENVE	Min	0	0	0	3,9778	1,123	-10,1263	-1,29	0,23
2531	Shell-Thin	SLU-ENVE	Min	0	0	0	4,6239	1,2414	-12,4919	-1,29	0,15
2531	Shell-Thin	SLU-ENVE	Min	0	0	0	4,5714	1,2226	-13,4967	-1,29	0,15
2531	Shell-Thin	SLU-ENVE	Min	0	0	0	3,9261	1,0851	-11,1323	-1,29	0,23
2531	Shell-Thin	SLE-ENVE	Max	0	0	0	41,6905	20,81	0,0158	38,85	28,35
2531	Shell-Thin	SLE-ENVE	Max	0	0	0	23,3821	13,5568	-0,0112	38,85	21,86
2531	Shell-Thin	SLE-ENVE	Max	0	0	0	21,3729	9,6327	-0,0113	34,33	21,86
2531	Shell-Thin	SLE-ENVE	Max	0	0	0	37,4223	14,6092	0,0156	34,33	28,35
2531	Shell-Thin	SLE-ENVE	Min	0	0	0	2,597	0,7014	-5,6256	0,01917	0,13
2531	Shell-Thin	SLE-ENVE	Min	0	0	0	2,38	0,6499	-6,9397	0,01917	0,06292
2531	Shell-Thin	SLE-ENVE	Min	0	0	0	2,3555	0,6444	-7,4978	0,02545	0,06292
2531	Shell-Thin	SLE-ENVE	Min	0	0	0	2,5669	0,679	-6,1843	0,02545	0,13
2532	Shell-Thin	SLU-ENVE	Max	0	0	0	71,6625	27,1898	0,0378	60,68	53,81
2532	Shell-Thin	SLU-ENVE	Max	0	0	0	42,0187	18,068	-0,0277	60,68	42,64
2532	Shell-Thin	SLU-ENVE	Max	0	0	0	37,8525	10,3719	-0,0273	54,04	42,64
2532	Shell-Thin	SLU-ENVE	Max	0	0	0	63,3751	15,5245	0,0378	54,04	53,81
2532	Shell-Thin	SLU-ENVE	Min	0	0	0	3,926	1,0847	-11,6668	-1,29	0,26
2532	Shell-Thin	SLU-ENVE	Min	0	0	0	4,5717	1,2241	-14,3559	-1,29	0,36
2532	Shell-Thin	SLU-ENVE	Min	0	0	0	4,4746	1,159	-14,6936	-1,2	0,36
2532	Shell-Thin	SLU-ENVE	Min	0	0	0	3,8767	1,0458	-12,0454	-1,2	0,26
2532	Shell-Thin	SLE-ENVE	Max	0	0	0	37,4256	14,6257	0,0221	32,85	29,9
2532	Shell-Thin	SLE-ENVE	Max	0	0	0	21,3748	9,6422	-0,0143	32,85	23,68
2532	Shell-Thin	SLE-ENVE	Max	0	0	0	19,0604	5,3664	-0,0138	28,61	23,68
2532	Shell-Thin	SLE-ENVE	Max	0	0	0	32,8218	8,1449	0,0223	28,61	29,9



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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
2532	Shell-Thin	SLE-ENVE	Min	0	0	0	2,5668	0,6787	-6,4808	0,02332	0,14
2532	Shell-Thin	SLE-ENVE	Min	0	0	0	2,3557	0,6456	-7,9751	0,02332	0,22
2532	Shell-Thin	SLE-ENVE	Min	0	0	0	2,2991	0,6048	-8,1625	0,1	0,22
2532	Shell-Thin	SLE-ENVE	Min	0	0	0	2,5411	0,6572	-6,6909	0,1	0,14
2533	Shell-Thin	SLU-ENVE	Max	0	0	0	50,6264	30,015	1,0624	120,08	-0,06184
2533	Shell-Thin	SLU-ENVE	Max	0	0	0	4,3574	9,9439	1,0206	120,08	5,34
2533	Shell-Thin	SLU-ENVE	Max	0	0	0	4,3186	9,2452	-0,0177	120,97	5,34
2533	Shell-Thin	SLU-ENVE	Max	0	0	0	50,7395	30,1163	-0,0132	120,97	-0,06184
2533	Shell-Thin	SLU-ENVE	Min	0	0	0	4,7369	1,3046	0,0051	5,82	-0,32
2533	Shell-Thin	SLU-ENVE	Min	0	0	0	-12,1363	0,6965	0,0005908	5,82	0,38
2533	Shell-Thin	SLU-ENVE	Min	0	0	0	-12,6494	0,5951	-0,8928	5,94	0,38
2533	Shell-Thin	SLU-ENVE	Min	0	0	0	4,7528	1,3238	-0,851	5,94	-0,32
2533	Shell-Thin	SLE-ENVE	Max	0	0	0	26,1562	16,2794	0,5896	65,52	-0,05052
2533	Shell-Thin	SLE-ENVE	Max	0	0	0	0,9268	5,2488	0,5663	65,52	2,95
2533	Shell-Thin	SLE-ENVE	Max	0	0	0	0,8947	4,8598	-0,012	66,01	2,95
2533	Shell-Thin	SLE-ENVE	Max	0	0	0	26,2192	16,3358	-0,0082	66,01	-0,05052
2533	Shell-Thin	SLE-ENVE	Min	0	0	0	2,4439	0,6856	0,0029	5,09	-0,18
2533	Shell-Thin	SLE-ENVE	Min	0	0	0	-6,5174	0,121	-	5,09	0,31
									0,0008704		
2533	Shell-Thin	SLE-ENVE	Min	0	0	0	-6,8005	0,0392	-0,4965	5,17	0,31
2533	Shell-Thin	SLE-ENVE	Min	0	0	0	2,4568	0,7011	-0,4733	5,17	-0,18
2534	Shell-Thin	SLU-ENVE	Max	0	0	0	50,7373	30,1055	-0,0316	121,09	0,19
2534	Shell-Thin	SLU-ENVE	Max	0	0	0	4,3199	9,3196	-0,047	121,09	-0,47
2534	Shell-Thin	SLU-ENVE	Max	0	0	0	4,3276	10,3848	-0,0573	119,22	-0,47
2534	Shell-Thin	SLU-ENVE	Max	0	0	0	50,1031	30,8018	-0,0419	119,22	0,19
2534	Shell-Thin	SLU-ENVE	Min	0	0	0	4,7525	1,3224	-2,6918	5,9	-8,11
2534	Shell-Thin	SLU-ENVE	Min	0	0	0	-12,6361	0,6027	-2,9788	5,9	-20,67
2534	Shell-Thin	SLU-ENVE	Min	0	0	0	-11,1242	0,7531	-4,9301	5,77	-20,67
2534	Shell-Thin	SLU-ENVE	Min	0	0	0	4,7122	1,2915	-4,6432	5,77	-8,11
2534	Shell-Thin	SLE-ENVE	Max	0	0	0	26,218	16,3298	-0,0218	66,08	0,12
2534	Shell-Thin	SLE-ENVE	Max	0	0	0	0,8959	4,9012	-0,0298	66,08	-0,42
2534	Shell-Thin	SLE-ENVE	Max	0	0	0	0,9134	5,4943	-0,0345	65,04	-0,42
2534	Shell-Thin	SLE-ENVE	Max	0	0	0	25,8655	16,7164	-0,0265	65,04	0,12
2534	Shell-Thin	SLE-ENVE	Min	0	0	0	2,4565	0,7	-1,496	5,15	-4,51
2534	Shell-Thin	SLE-ENVE	Min	0	0	0	-6,7931	0,0453	-1,6553	5,15	-11,45
2534	Shell-Thin	SLE-ENVE	Min	0	0	0	-5,9556	0,1698	-2,7393	5,05	-11,45
2534	Shell-Thin	SLE-ENVE	Min	0	0	0	2,4286	0,6777	-2,5799	5,05	-4,51
2535	Shell-Thin	SLU-ENVE	Max	0	0	0	50,1049	30,8106	-0,0335	119,69	6,08
2535	Shell-Thin	SLU-ENVE	Max	0	0	0	4,3268	10,3649	-0,0645	119,69	9,57
2535	Shell-Thin	SLU-ENVE	Max	0	0	0	4,214	8,1508	-0,077	116,88	9,57
2535	Shell-Thin	SLU-ENVE	Max	0	0	0	48,624	29,5436	-0,046	116,88	6,08
2535	Shell-Thin	SLU-ENVE	Min	0	0	0	4,7124	1,2925	-6,5675	5,78	0,02374
2535	Shell-Thin	SLU-ENVE	Min	0	0	0	-11,1366	0,7484	-6,9252	5,78	0,79
2535	Shell-Thin	SLU-ENVE	Min	0	0	0	-11,5766	0,5676	-8,9913	5,91	0,79
2535	Shell-Thin	SLU-ENVE	Min	0	0	0	4,6899	1,3021	-8,6336	5,91	0,02374
2535	Shell-Thin	SLE-ENVE	Max	0	0	0	25,8665	16,7213	-0,0183	65,3	3,36
2535	Shell-Thin	SLE-ENVE	Max	0	0	0	0,9127	5,4832	-0,0345	65,3	5,32
2535	Shell-Thin	SLE-ENVE	Max	0	0	0	0,8429	4,3883	-0,041	63,74	5,32
2535	Shell-Thin	SLE-ENVE	Max	0	0	0	25,044	16,0177	-0,0248	63,74	3,36
2535	Shell-Thin	SLE-ENVE	Min	0	0	0	2,4287	0,6785	-3,6488	5,06	-0,01898
2535	Shell-Thin	SLE-ENVE	Min	0	0	0	-5,9624	0,166	-3,8473	5,06	0,59
2535	Shell-Thin	SLE-ENVE	Min	0	0	0	-6,2054	0,0258	-4,995	5,16	0,59

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**Table: Element Forces - Area Shells**

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
2535	Shell-Thin	SLE-ENVE	Min	0	0	0	2,4198	0,6913	-4,7965	5,16	-0,01898
2536	Shell-Thin	SLU-ENVE	Max	0	0	0	48,6249	29,5483	-0,0585	116,12	20,94
2536	Shell-Thin	SLU-ENVE	Max	0	0	0	4,214	8,1434	-0,1139	116,12	5,44
2536	Shell-Thin	SLU-ENVE	Max	0	0	0	4,1166	7,5782	-0,1256	108,53	5,44
2536	Shell-Thin	SLU-ENVE	Max	0	0	0	45,7651	25,1444	-0,0702	108,53	20,94
2536	Shell-Thin	SLU-ENVE	Min	0	0	0	4,6899	1,3021	-10,7394	5,9	0,35
2536	Shell-Thin	SLU-ENVE	Min	0	0	0	-11,5808	0,5678	-11,1264	5,9	-0,4
2536	Shell-Thin	SLU-ENVE	Min	0	0	0	-12,7081	0,6951	-13,0021	5,87	-0,4
2536	Shell-Thin	SLU-ENVE	Min	0	0	0	4,6219	1,2419	-12,6151	5,87	0,35
2536	Shell-Thin	SLE-ENVE	Max	0	0	0	25,0445	16,0202	-0,0335	63,32	11,63
2536	Shell-Thin	SLE-ENVE	Max	0	0	0	0,8429	4,3768	-0,0651	63,32	3,05
2536	Shell-Thin	SLE-ENVE	Max	0	0	0	0,7963	4,0836	-0,0711	59,1	3,05
2536	Shell-Thin	SLE-ENVE	Max	0	0	0	23,4558	13,5733	-0,0395	59,1	11,63
2536	Shell-Thin	SLE-ENVE	Min	0	0	0	2,4198	0,6913	-5,9663	5,15	0,23
2536	Shell-Thin	SLE-ENVE	Min	0	0	0	-6,2077	0,0259	-6,1812	5,15	-0,38
2536	Shell-Thin	SLE-ENVE	Min	0	0	0	-6,8353	0,1364	-7,2231	5,14	-0,38
2536	Shell-Thin	SLE-ENVE	Min	0	0	0	2,3787	0,6504	-7,0082	5,14	0,23
2537	Shell-Thin	SLU-ENVE	Max	0	0	0	45,7644	25,141	-0,0615	106,11	37,97
2537	Shell-Thin	SLU-ENVE	Max	0	0	0	4,1174	7,6118	-0,1305	106,11	35,64
2537	Shell-Thin	SLU-ENVE	Max	0	0	0	3,903	4,0244	-0,1393	97,33	35,64
2537	Shell-Thin	SLU-ENVE	Max	0	0	0	42,077	18,0633	-0,0703	97,33	37,97
2537	Shell-Thin	SLU-ENVE	Min	0	0	0	4,6217	1,2409	-14,1907	5,86	0,21
2537	Shell-Thin	SLU-ENVE	Min	0	0	0	-12,6939	0,6998	-14,5452	5,86	0,97
2537	Shell-Thin	SLU-ENVE	Min	0	0	0	-16,2794	-0,426	-15,8206	6,09	0,97
2537	Shell-Thin	SLU-ENVE	Min	0	0	0	4,574	1,2231	-15,4661	6,09	0,21
2537	Shell-Thin	SLE-ENVE	Max	0	0	0	23,4554	13,5714	-0,0312	57,76	21,1
2537	Shell-Thin	SLE-ENVE	Max	0	0	0	0,797	4,1227	-0,0699	57,76	19,77
2537	Shell-Thin	SLE-ENVE	Max	0	0	0	0,665	1,9594	-0,0737	52,88	19,77
2537	Shell-Thin	SLE-ENVE	Max	0	0	0	21,4072	9,6396	-0,0351	52,88	21,1
2537	Shell-Thin	SLE-ENVE	Min	0	0	0	2,3785	0,6496	-7,8833	5,13	0,09625
2537	Shell-Thin	SLE-ENVE	Min	0	0	0	-6,8274	0,1402	-8,0801	5,13	0,7
2537	Shell-Thin	SLE-ENVE	Min	0	0	0	-8,8168	-0,1897	-8,7885	5,31	0,7
2537	Shell-Thin	SLE-ENVE	Min	0	0	0	2,3577	0,6449	-8,5917	5,31	0,09625
2538	Shell-Thin	SLU-ENVE	Max	0	0	0	42,0804	18,0804	-0,0889	94,43	40,87
2538	Shell-Thin	SLU-ENVE	Max	0	0	0	3,9016	3,9435	-0,1652	94,43	27,65
2538	Shell-Thin	SLU-ENVE	Max	0	0	0	3,7471	1,9779	-0,1812	83,17	27,65
2538	Shell-Thin	SLU-ENVE	Max	0	0	0	37,7942	10,3603	-0,1049	83,17	40,87
2538	Shell-Thin	SLU-ENVE	Min	0	0	0	4,5743	1,2246	-16,4117	6,12	0,42
2538	Shell-Thin	SLU-ENVE	Min	0	0	0	-16,2882	-0,4701	-16,8314	6,12	-0,05887
2538	Shell-Thin	SLU-ENVE	Min	0	0	0	-19,1382	-6,2067	-17,3722	6,09	-0,05887
2538	Shell-Thin	SLU-ENVE	Min	0	0	0	4,4727	1,1586	-16,9525	6,09	0,42
2538	Shell-Thin	SLE-ENVE	Max	0	0	0	21,4091	9,649	-0,0486	51,27	22,7
2538	Shell-Thin	SLE-ENVE	Max	0	0	0	0,6639	1,9144	-0,0896	51,27	15,38
2538	Shell-Thin	SLE-ENVE	Max	0	0	0	0,589	0,8232	-0,0995	45,02	15,38
2538	Shell-Thin	SLE-ENVE	Max	0	0	0	19,028	5,3599	-0,0585	45,02	22,7
2538	Shell-Thin	SLE-ENVE	Min	0	0	0	2,358	0,646	-9,117	5,33	0,25
2538	Shell-Thin	SLE-ENVE	Min	0	0	0	-8,8217	-0,2139	-9,3499	5,33	-0,14
2538	Shell-Thin	SLE-ENVE	Min	0	0	0	-10,4068	-3,4054	-9,6502	5,32	-0,14
2538	Shell-Thin	SLE-ENVE	Min	0	0	0	2,2978	0,6045	-9,4173	5,32	0,25
2539	Shell-Thin	SLU-ENVE	Max	0	0	0	4,2983	9,877	0,9404	189,77	6,81
2539	Shell-Thin	SLU-ENVE	Max	0	0	0	-2,0615	-0,3913	-0,0693	189,77	-2,03
2539	Shell-Thin	SLU-ENVE	Max	0	0	0	-2,4368	0,1853	-0,1384	202,62	-2,03

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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
2539	Shell-Thin	SLU-ENVE	Max	0	0	0	4,448	9,516	0,0108	202,62	6,81
2539	Shell-Thin	SLU-ENVE	Min	0	0	0	-12,5868	0,6838	0,0054	12,4	0,49
2539	Shell-Thin	SLU-ENVE	Min	0	0	0	-105,7381	-	-1,0281	12,4	-24,25
								22,5744			
2539	Shell-Thin	SLU-ENVE	Min	0	0	0	-110,3739	-	-1,896	13,56	-24,25
								15,6654			
2539	Shell-Thin	SLU-ENVE	Min	0	0	0	-10,8009	0,6239	-0,5503	13,56	0,49
2539	Shell-Thin	SLE-ENVE	Max	0	0	0	0,8791	5,2115	0,5218	104,32	3,76
2539	Shell-Thin	SLE-ENVE	Max	0	0	0	-3,9974	-0,8295	-0,0571	104,32	-1,67
2539	Shell-Thin	SLE-ENVE	Max	0	0	0	-4,3053	-0,3559	-0,1062	111,41	-1,67
2539	Shell-Thin	SLE-ENVE	Max	0	0	0	1,0016	5,0105	0,0137	111,41	3,76
2539	Shell-Thin	SLE-ENVE	Min	0	0	0	-6,7649	0,1108	-5,613E-05	9,75	0,4
2539	Shell-Thin	SLE-ENVE	Min	0	0	0	-57,9581	-	-0,5645	9,75	-13,37
								12,3768			
2539	Shell-Thin	SLE-ENVE	Min	0	0	0	-60,5151	-8,5667	-1,0485	10,61	-13,37
2539	Shell-Thin	SLE-ENVE	Min	0	0	0	-5,7799	0,0626	-0,3026	10,61	0,4
2540	Shell-Thin	SLU-ENVE	Max	0	0	0	4,4494	9,5905	-0,0992	204,96	-0,57
2540	Shell-Thin	SLU-ENVE	Max	0	0	0	-2,4438	0,1503	0,2097	204,96	18,79
2540	Shell-Thin	SLU-ENVE	Max	0	0	0	-1,9463	-0,5396	0,0519	181,89	18,79
2540	Shell-Thin	SLU-ENVE	Max	0	0	0	4,1688	10,1145	-0,1238	181,89	-0,57
2540	Shell-Thin	SLU-ENVE	Min	0	0	0	-10,7876	0,6315	-3,4182	13,7	-24,98
2540	Shell-Thin	SLU-ENVE	Min	0	0	0	-110,4594	-	-1,252	13,7	2,48
								16,0929			
2540	Shell-Thin	SLU-ENVE	Min	0	0	0	-100,9695	-	-2,8904	11,96	2,48
								22,4111			
2540	Shell-Thin	SLU-ENVE	Min	0	0	0	-12,8329	0,7185	-5,1741	11,96	-24,98
2540	Shell-Thin	SLE-ENVE	Max	0	0	0	1,0027	5,0519	-0,0693	112,7	-0,51
2540	Shell-Thin	SLE-ENVE	Max	0	0	0	-4,311	-0,3845	0,1096	112,7	10,32
2540	Shell-Thin	SLE-ENVE	Max	0	0	0	-3,8856	-0,9453	0,069	99,96	10,32
2540	Shell-Thin	SLE-ENVE	Max	0	0	0	0,7841	5,3439	-0,0799	99,96	-0,51
2540	Shell-Thin	SLE-ENVE	Min	0	0	0	-5,7726	0,0687	-1,8998	10,71	-13,84
2540	Shell-Thin	SLE-ENVE	Min	0	0	0	-60,5623	-8,8025	-0,6794	10,71	1,99
2540	Shell-Thin	SLE-ENVE	Min	0	0	0	-55,3175	-	-1,6045	9,43	1,99
								12,2799			
2540	Shell-Thin	SLE-ENVE	Min	0	0	0	-6,8973	0,1419	-2,875	9,43	-13,84
2541	Shell-Thin	SLU-ENVE	Max	0	0	0	4,1679	10,0945	-0,024	183,79	7,05
2541	Shell-Thin	SLU-ENVE	Max	0	0	0	-1,944	-0,5283	-0,2439	183,79	-1,03
2541	Shell-Thin	SLU-ENVE	Max	0	0	0	-2,6554	-0,1526	-0,2937	195,77	-1,03
2541	Shell-Thin	SLU-ENVE	Max	0	0	0	4,3679	8,4657	-0,0738	195,77	7,05
2541	Shell-Thin	SLU-ENVE	Min	0	0	0	-12,8452	0,7137	-6,1963	12,05	0,89
2541	Shell-Thin	SLU-ENVE	Min	0	0	0	-100,9539	-22,333	-6,4615	12,05	-26,42
2541	Shell-Thin	SLU-ENVE	Min	0	0	0	-103,7085	-	-8,222	14,01	-26,42
								15,5592			
2541	Shell-Thin	SLU-ENVE	Min	0	0	0	-9,6097	0,6015	-7,9569	14,01	0,89
2541	Shell-Thin	SLE-ENVE	Max	0	0	0	0,7834	5,3327	0,0064	101,01	3,92
2541	Shell-Thin	SLE-ENVE	Max	0	0	0	-3,8838	-0,9363	-0,1571	101,01	-0,93
2541	Shell-Thin	SLE-ENVE	Max	0	0	0	-4,4307	-0,6189	-0,1883	107,59	-0,93
2541	Shell-Thin	SLE-ENVE	Max	0	0	0	0,9691	4,6054	-0,0248	107,59	3,92
2541	Shell-Thin	SLE-ENVE	Min	0	0	0	-6,9041	0,1381	-3,4417	9,5	0,67
2541	Shell-Thin	SLE-ENVE	Min	0	0	0	-55,3089	-	-3,5903	9,5	-14,61
								12,2371			
2541	Shell-Thin	SLE-ENVE	Min	0	0	0	-56,8111	-8,4938	-4,5683	10,96	-14,61
2541	Shell-Thin	SLE-ENVE	Min	0	0	0	-5,1202	0,0532	-4,4197	10,96	0,67

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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
2542	Shell-Thin	SLU-ENVE	Max	0	0	0	4,3679	8,4583	-0,225	194,77	-0,19
2542	Shell-Thin	SLU-ENVE	Max	0	0	0	-2,6556	-0,1536	-0,1394	194,77	9,19
2542	Shell-Thin	SLU-ENVE	Max	0	0	0	-2,2625	-0,621	-0,1884	161,55	9,19
2542	Shell-Thin	SLU-ENVE	Max	0	0	0	3,9546	7,3337	-0,274	161,55	-0,19
2542	Shell-Thin	SLU-ENVE	Min	0	0	0	-9,6139	0,6017	-10,9837	14,01	-2,36
2542	Shell-Thin	SLU-ENVE	Min	0	0	0	-103,6923	-15,478	-7,5543	14,01	1,78
2542	Shell-Thin	SLU-ENVE	Min	0	0	0	-91,6687	-19,544	-9,026	12,18	1,78
2542	Shell-Thin	SLU-ENVE	Min	0	0	0	-14,2015	0,6601	-12,4554	12,18	-2,36
2542	Shell-Thin	SLE-ENVE	Max	0	0	0	0,9691	4,5938	-0,141	107,03	-0,27
2542	Shell-Thin	SLE-ENVE	Max	0	0	0	-4,4308	-0,6195	-0,0518	107,03	5,04
2542	Shell-Thin	SLE-ENVE	Max	0	0	0	-4,0603	-0,9877	-0,0826	88,66	5,04
2542	Shell-Thin	SLE-ENVE	Max	0	0	0	0,6653	3,9191	-0,1717	88,66	-0,27
2542	Shell-Thin	SLE-ENVE	Min	0	0	0	-5,1225	0,0533	-6,1022	10,96	-1,32
2542	Shell-Thin	SLE-ENVE	Min	0	0	0	-56,8021	-8,4487	-4,1955	10,96	1,36
2542	Shell-Thin	SLE-ENVE	Min	0	0	0	-50,1503	-	-5,0131	9,61	1,36
								10,6876			
2542	Shell-Thin	SLE-ENVE	Min	0	0	0	-7,6574	0,1083	-6,9198	9,61	-1,32
2543	Shell-Thin	SLU-ENVE	Max	0	0	0	3,9555	7,3674	-0,1706	159,25	28,35
2543	Shell-Thin	SLU-ENVE	Max	0	0	0	-2,2644	-0,6305	-0,4832	159,25	-1,84
2543	Shell-Thin	SLU-ENVE	Max	0	0	0	-3,0978	0,0059	-0,5018	155,47	-1,84
2543	Shell-Thin	SLU-ENVE	Max	0	0	0	4,0381	4,2291	-0,1893	155,47	28,35
2543	Shell-Thin	SLU-ENVE	Min	0	0	0	-14,1874	0,6647	-13,0985	12,07	1,2
2543	Shell-Thin	SLU-ENVE	Min	0	0	0	-91,7147	-	-11,9276	12,07	-23,44
								19,7741			
2543	Shell-Thin	SLU-ENVE	Min	0	0	0	-90,6117	-	-13,0478	13,98	-23,44
								14,0428			
2543	Shell-Thin	SLU-ENVE	Min	0	0	0	-14,9754	-0,1652	-14,2187	13,98	1,2
2543	Shell-Thin	SLE-ENVE	Max	0	0	0	0,666	3,9583	-0,0835	87,38	15,72
2543	Shell-Thin	SLE-ENVE	Max	0	0	0	-4,0619	-0,9958	-0,3081	87,38	-1,64
2543	Shell-Thin	SLE-ENVE	Max	0	0	0	-4,6735	-0,4646	-0,3153	85,21	-1,64
2543	Shell-Thin	SLE-ENVE	Max	0	0	0	0,775	2,0733	-0,0907	85,21	15,72
2543	Shell-Thin	SLE-ENVE	Min	0	0	0	-7,6496	0,1121	-7,2759	9,52	0,87
2543	Shell-Thin	SLE-ENVE	Min	0	0	0	-50,1757	-	-6,627	9,52	-12,91
								10,8149			
2543	Shell-Thin	SLE-ENVE	Min	0	0	0	-49,5354	-7,6636	-7,2491	10,96	-12,91
2543	Shell-Thin	SLE-ENVE	Min	0	0	0	-8,0989	-0,0461	-7,898	10,96	0,87
2544	Shell-Thin	SLU-ENVE	Max	0	0	0	4,0367	4,1482	-0,2975	150,35	17,52
2544	Shell-Thin	SLU-ENVE	Max	0	0	0	-3,0907	0,0415	-0,2677	150,35	11,3
2544	Shell-Thin	SLU-ENVE	Max	0	0	0	-3,0001	-0,6431	-0,2531	119,68	11,3
2544	Shell-Thin	SLU-ENVE	Max	0	0	0	3,6869	1,9072	-0,2829	119,68	17,52
2544	Shell-Thin	SLU-ENVE	Min	0	0	0	-14,9842	-0,2093	-15,8001	13,82	-0,1
2544	Shell-Thin	SLU-ENVE	Min	0	0	0	-90,5348	-	-12,1769	13,82	2,76
								13,6587			
2544	Shell-Thin	SLU-ENVE	Min	0	0	0	-79,8218	-	-12,5188	12,77	2,76
								18,1947			
2544	Shell-Thin	SLU-ENVE	Min	0	0	0	-19,6061	-6,3003	-16,142	12,77	-0,1
2544	Shell-Thin	SLE-ENVE	Max	0	0	0	0,7739	2,0283	-0,1727	82,37	9,76
2544	Shell-Thin	SLE-ENVE	Max	0	0	0	-4,6677	-0,4357	-0,1174	82,37	6,18
2544	Shell-Thin	SLE-ENVE	Max	0	0	0	-4,5175	-0,9692	-0,0986	65,38	6,18
2544	Shell-Thin	SLE-ENVE	Max	0	0	0	0,5407	0,7839	-0,1539	65,38	9,76
2544	Shell-Thin	SLE-ENVE	Min	0	0	0	-8,1037	-0,0703	-8,7771	10,85	-0,19
2544	Shell-Thin	SLE-ENVE	Min	0	0	0	-49,493	-7,4519	-6,7627	10,85	1,87
2544	Shell-Thin	SLE-ENVE	Min	0	0	0	-43,5596	-9,9436	-6,9521	10,08	1,87

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**Table: Element Forces - Area Shells**

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
2544	Shell-Thin	SLE-ENVE	Min	0	0	0	-10,6641	-3,4568	-8,9665	10,08	-0,19
2545	Shell-Thin	SLU-ENVE	Max	0	0	0	-1,9831	-0,3756	-0,4107	294,41	-2,65
2545	Shell-Thin	SLU-ENVE	Max	0	0	0	-6,3412	-2,2753	-0,3032	294,41	-14,85
2545	Shell-Thin	SLU-ENVE	Max	0	0	0	-4,2548	1,3023	-0,1852	130,38	-14,85
2545	Shell-Thin	SLU-ENVE	Max	0	0	0	-2,6035	0,152	-0,2928	130,38	-2,65
2545	Shell-Thin	SLU-ENVE	Min	0	0	0	-104,9905	-	-5,3121	21,32	-31,59
								22,4249			
2545	Shell-Thin	SLU-ENVE	Min	0	0	0	-165,6675	-	-4,0445	21,32	-180,53
								45,5909			
2545	Shell-Thin	SLU-ENVE	Min	0	0	0	-140,4749	-2,0433	-1,8019	6,59	-180,53
2545	Shell-Thin	SLU-ENVE	Min	0	0	0	-112,6057	-	-3,0695	6,59	-31,59
								16,1117			
2545	Shell-Thin	SLE-ENVE	Max	0	0	0	-3,9346	-0,817	-0,3489	162,02	-2,17
2545	Shell-Thin	SLE-ENVE	Max	0	0	0	-7,3017	-2,2871	-0,2608	162,02	-12,18
2545	Shell-Thin	SLE-ENVE	Max	0	0	0	-5,5909	0,6874	-0,1403	71,55	-12,18
2545	Shell-Thin	SLE-ENVE	Max	0	0	0	-4,4433	-0,3835	-0,2284	71,55	-2,17
2545	Shell-Thin	SLE-ENVE	Min	0	0	0	-57,5464	-	-2,9295	16,35	-17,42
								12,2945			
2545	Shell-Thin	SLE-ENVE	Min	0	0	0	-90,939	-	-2,2304	16,35	-99,57
								25,0593			
2545	Shell-Thin	SLE-ENVE	Min	0	0	0	-77,0446	-1,0406	-0,9946	5,26	-99,57
2545	Shell-Thin	SLE-ENVE	Min	0	0	0	-61,7466	-8,813	-1,6936	5,26	-17,42
2546	Shell-Thin	SLU-ENVE	Max	0	0	0	-2,6104	0,117	5,2153	143,07	25,96
2546	Shell-Thin	SLU-ENVE	Max	0	0	0	-4,2393	2,0813	4,3387	143,07	250,89
2546	Shell-Thin	SLU-ENVE	Max	0	0	0	-7,1806	-3,75	3,0617	377,47	250,89
2546	Shell-Thin	SLU-ENVE	Max	0	0	0	-1,7422	-0,4988	3,9382	377,47	25,96
2546	Shell-Thin	SLU-ENVE	Min	0	0	0	-112,6912	-	0,3654	7,65	3,23
								16,5392			
2546	Shell-Thin	SLU-ENVE	Min	0	0	0	-140,2826	-1,0816	0,2114	7,65	21,29
2546	Shell-Thin	SLU-ENVE	Min	0	0	0	-173,0546	-62,708	-0,5921	27,79	21,29
2546	Shell-Thin	SLU-ENVE	Min	0	0	0	-98,5825	-	0,0291	27,79	3,23
								21,9337			
2546	Shell-Thin	SLE-ENVE	Max	0	0	0	-4,4491	-0,4121	2,8733	78,55	14,27
2546	Shell-Thin	SLE-ENVE	Max	0	0	0	-5,5783	1,132	2,3927	78,55	138,36
2546	Shell-Thin	SLE-ENVE	Max	0	0	0	-7,9668	-3,4873	1,6862	207,85	138,36
2546	Shell-Thin	SLE-ENVE	Max	0	0	0	-3,72	-0,9122	2,1668	207,85	14,27
2546	Shell-Thin	SLE-ENVE	Min	0	0	0	-61,7938	-9,0488	0,332	6,04	2,6
2546	Shell-Thin	SLE-ENVE	Min	0	0	0	-76,9385	-0,51	0,212	6,04	17,39
2546	Shell-Thin	SLE-ENVE	Min	0	0	0	-95,006	-	-0,2924	21,63	17,39
								34,4985			
2546	Shell-Thin	SLE-ENVE	Min	0	0	0	-54,001	-	0,0686	21,63	2,6
								12,0166			
2547	Shell-Thin	SLU-ENVE	Max	0	0	0	-1,74	-0,4874	-0,6221	377,52	-1,45
2547	Shell-Thin	SLU-ENVE	Max	0	0	0	-7,1838	-3,7662	-0,5437	377,52	-20,49
2547	Shell-Thin	SLU-ENVE	Max	0	0	0	-4,6955	4,6748	-0,6041	149,45	-20,49
2547	Shell-Thin	SLU-ENVE	Max	0	0	0	-2,846	-0,1907	-0,6826	149,45	-1,45
2547	Shell-Thin	SLU-ENVE	Min	0	0	0	-98,5669	-	-8,4101	27,57	-37,77
								21,8556			
2547	Shell-Thin	SLU-ENVE	Min	0	0	0	-173,0688	-	-6,4557	27,57	-263,21
								62,7788			
2547	Shell-Thin	SLU-ENVE	Min	0	0	0	-134,8312	-0,5703	-7,5151	8,56	-263,21
2547	Shell-Thin	SLU-ENVE	Min	0	0	0	-105,9428	-16,006	-9,4695	8,56	-37,77
2547	Shell-Thin	SLE-ENVE	Max	0	0	0	-3,7182	-0,9032	-0,4531	207,89	-1,29
2547	Shell-Thin	SLE-ENVE	Max	0	0	0	-7,9694	-3,5003	-0,3823	207,89	-16,85

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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
2547	Shell-Thin	SLE-ENVE	Max	0	0	0	-5,8921	2,5722	-0,4173	82,06	-16,85
2547	Shell-Thin	SLE-ENVE	Max	0	0	0	-4,5876	-0,6503	-0,4881	82,06	-1,29
2547	Shell-Thin	SLE-ENVE	Min	0	0	0	-53,9924	-	-4,6757	21,46	-20,9
								11,9738			
2547	Shell-Thin	SLE-ENVE	Min	0	0	0	-95,0137	-	-3,589	21,46	-145,22
								34,5371			
2547	Shell-Thin	SLE-ENVE	Min	0	0	0	-73,8986	-0,2227	-4,1774	6,72	-145,22
2547	Shell-Thin	SLE-ENVE	Min	0	0	0	-58,043	-8,7402	-5,2642	6,72	-20,9
2548	Shell-Thin	SLU-ENVE	Max	0	0	0	-2,8462	-0,1917	0,1416	146,88	9,55
2548	Shell-Thin	SLU-ENVE	Max	0	0	0	-4,6949	4,5539	0,5506	146,88	209,73
2548	Shell-Thin	SLU-ENVE	Max	0	0	0	-7,6092	-3,9013	0,0151	324,82	209,73
2548	Shell-Thin	SLU-ENVE	Max	0	0	0	-2,0546	-0,5794	0,0783	324,82	9,55
2548	Shell-Thin	SLU-ENVE	Min	0	0	0	-105,9266	-	-3,7424	8,56	2,37
								15,9249			
2548	Shell-Thin	SLU-ENVE	Min	0	0	0	-134,8747	-0,7878	-3,1822	8,56	21,62
2548	Shell-Thin	SLU-ENVE	Min	0	0	0	-154,1051	-	-3,74	28,14	21,62
								55,0143			
2548	Shell-Thin	SLU-ENVE	Min	0	0	0	-89,5704	-	-4,3002	28,14	2,37
								19,1244			
2548	Shell-Thin	SLE-ENVE	Max	0	0	0	-4,5877	-0,6509	0,1882	80,63	5,32
2548	Shell-Thin	SLE-ENVE	Max	0	0	0	-5,8918	2,505	0,2917	80,63	115,51
2548	Shell-Thin	SLE-ENVE	Max	0	0	0	-8,2053	-3,5752	0,0397	178,61	115,51
2548	Shell-Thin	SLE-ENVE	Max	0	0	0	-3,8926	-0,9542	0,1517	178,61	5,32
2548	Shell-Thin	SLE-ENVE	Min	0	0	0	-58,034	-8,6951	-2,0306	6,73	1,81
2548	Shell-Thin	SLE-ENVE	Min	0	0	0	-73,9227	-0,3435	-1,7313	6,73	17,47
2548	Shell-Thin	SLE-ENVE	Min	0	0	0	-84,4781	-	-2,0417	21,77	17,47
								30,2234			
2548	Shell-Thin	SLE-ENVE	Min	0	0	0	-48,9942	-	-2,341	21,77	1,81
								10,4564			
2549	Shell-Thin	SLU-ENVE	Max	0	0	0	-2,0565	-0,5889	-0,8824	328,59	-2,48
2549	Shell-Thin	SLU-ENVE	Max	0	0	0	-7,6066	-3,8885	-0,792	328,59	-21,08
2549	Shell-Thin	SLU-ENVE	Max	0	0	0	-4,9505	1,3215	-0,9048	108,04	-21,08
2549	Shell-Thin	SLU-ENVE	Max	0	0	0	-3,272	-0,0289	-0,9952	108,04	-2,48
2549	Shell-Thin	SLU-ENVE	Min	0	0	0	-89,6164	-	-11,5757	28,27	-42,78
								19,3544			
2549	Shell-Thin	SLU-ENVE	Min	0	0	0	-154,0308	-	-8,4057	28,27	-232,29
								54,6427			
2549	Shell-Thin	SLU-ENVE	Min	0	0	0	-112,5409	-2,2781	-9,9957	7,75	-232,29
2549	Shell-Thin	SLU-ENVE	Min	0	0	0	-92,2352	-	-13,1657	7,75	-42,78
								14,3675			
2549	Shell-Thin	SLE-ENVE	Max	0	0	0	-3,8942	-0,9622	-0,6089	180,69	-2,18
2549	Shell-Thin	SLE-ENVE	Max	0	0	0	-8,2031	-3,5642	-0,5224	180,69	-17,27
2549	Shell-Thin	SLE-ENVE	Max	0	0	0	-5,9726	0,6847	-0,6011	59,09	-17,27
2549	Shell-Thin	SLE-ENVE	Max	0	0	0	-4,8158	-0,4931	-0,6876	59,09	-2,18
2549	Shell-Thin	SLE-ENVE	Min	0	0	0	-49,0196	-	-6,4341	21,9	-23,62
								10,5837			
2549	Shell-Thin	SLE-ENVE	Min	0	0	0	-84,4369	-	-4,6717	21,9	-128,03
								30,0177			
2549	Shell-Thin	SLE-ENVE	Min	0	0	0	-61,5261	-1,1747	-5,5554	6,14	-128,03
2549	Shell-Thin	SLE-ENVE	Min	0	0	0	-50,4289	-7,8423	-7,3178	6,14	-23,62
2550	Shell-Thin	SLU-ENVE	Max	0	0	0	-3,2649	0,0067	-0,2081	94,2	3,62
2550	Shell-Thin	SLU-ENVE	Max	0	0	0	-4,9659	1,2441	-0,3975	94,2	99,91
2550	Shell-Thin	SLU-ENVE	Max	0	0	0	-7,5002	-2,5515	-0,2088	170,69	99,91
2550	Shell-Thin	SLU-ENVE	Max	0	0	0	-2,9206	-0,6272	-0,0195	170,69	3,62

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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
2550	Shell-Thin	SLU-ENVE	Min	0	0	0	-92,1583	-	-8,594	6,67	0,69
								13,9834			
2550	Shell-Thin	SLU-ENVE	Min	0	0	0	-112,7361	-3,2542	-7,1213	6,67	16,27
2550	Shell-Thin	SLU-ENVE	Min	0	0	0	-115,1662	-	-6,3741	22,12	16,27
								31,7661			
2550	Shell-Thin	SLU-ENVE	Min	0	0	0	-79,2907	-	-7,7841	22,12	0,69
								18,0885			
2550	Shell-Thin	SLE-ENVE	Max	0	0	0	-4,81	-0,4642	-0,0459	51,45	2,71
2550	Shell-Thin	SLE-ENVE	Max	0	0	0	-5,9852	0,6144	-0,1808	51,45	54,78
2550	Shell-Thin	SLE-ENVE	Max	0	0	0	-7,9443	-2,4403	-0,0181	93,28	54,78
2550	Shell-Thin	SLE-ENVE	Max	0	0	0	-4,4541	-0,9566	0,1168	93,28	2,71
2550	Shell-Thin	SLE-ENVE	Min	0	0	0	-50,3866	-7,6306	-4,7708	5,3	0,41
2550	Shell-Thin	SLE-ENVE	Min	0	0	0	-61,6338	-1,7132	-3,9378	5,3	12,96
2550	Shell-Thin	SLE-ENVE	Min	0	0	0	-62,8821	-	-3,4971	16,9	12,96
								17,3787			
2550	Shell-Thin	SLE-ENVE	Min	0	0	0	-43,2681	-9,8853	-4,2674	16,9	0,41
2551	Shell-Thin	SLU-ENVE	Max	0	0	0	-6,3241	-2,2719	2,8314	-21,17	-14,77
2551	Shell-Thin	SLU-ENVE	Max	0	0	0	0,3778	-0,2835	4,6309	-21,17	-0,67
2551	Shell-Thin	SLU-ENVE	Max	0	0	0	-0,3126	-0,242	3,0511	-12,13	-0,67
2551	Shell-Thin	SLU-ENVE	Max	0	0	0	-4,3018	1,2929	1,2515	-12,13	-14,77
2551	Shell-Thin	SLU-ENVE	Min	0	0	0	-165,3994	-	0,3159	-241,83	-179,56
								45,5373			
2551	Shell-Thin	SLU-ENVE	Min	0	0	0	-90,9535	-	0,4686	-241,83	-8,27
								17,0692			
2551	Shell-Thin	SLU-ENVE	Min	0	0	0	-99,3741	-	0,1761	-132,4	-8,27
								16,5019			
2551	Shell-Thin	SLU-ENVE	Min	0	0	0	-140,9888	-2,1461	0,0234	-132,4	-179,56
2551	Shell-Thin	SLE-ENVE	Max	0	0	0	-7,2872	-2,2842	1,5602	-18,76	-12,11
2551	Shell-Thin	SLE-ENVE	Max	0	0	0	-1,4116	-0,4848	2,5526	-18,76	-0,56
2551	Shell-Thin	SLE-ENVE	Max	0	0	0	-1,978	-0,4502	1,6833	-11,34	-0,56
2551	Shell-Thin	SLE-ENVE	Max	0	0	0	-5,6291	0,6461	0,6909	-11,34	-12,11
2551	Shell-Thin	SLE-ENVE	Min	0	0	0	-90,791	-	0,2425	-133,84	-99,04
								25,0297			
2551	Shell-Thin	SLE-ENVE	Min	0	0	0	-49,5954	-9,2951	0,3676	-133,84	-4,56
2551	Shell-Thin	SLE-ENVE	Min	0	0	0	-54,2397	-8,982	0,1601	-73,48	-4,56
2551	Shell-Thin	SLE-ENVE	Min	0	0	0	-77,328	-1,0972	0,035	-73,48	-99,04
2552	Shell-Thin	SLU-ENVE	Max	0	0	0	-4,2864	2,0071	-0,3711	-12,91	250,22
2552	Shell-Thin	SLU-ENVE	Max	0	0	0	-0,3193	-0,2754	-0,6006	-12,91	0,45
2552	Shell-Thin	SLU-ENVE	Max	0	0	0	0,6267	-0,2036	-0,6345	-25,54	0,45
2552	Shell-Thin	SLU-ENVE	Max	0	0	0	-7,1298	-3,7398	-0,405	-25,54	250,22
2552	Shell-Thin	SLU-ENVE	Min	0	0	0	-140,7965	-1,1844	-3,8699	-141,68	21,18
2552	Shell-Thin	SLU-ENVE	Min	0	0	0	-99,4527	-	-5,0338	-141,68	-11,08
								16,8948			
2552	Shell-Thin	SLU-ENVE	Min	0	0	0	-85,5814	-	-5,1184	-293,05	-11,08
								15,6646			
2552	Shell-Thin	SLU-ENVE	Min	0	0	0	-172,3347	-62,564	-3,9545	-293,05	21,18
2552	Shell-Thin	SLE-ENVE	Max	0	0	0	-5,6164	1,0907	-0,2725	-11,98	137,99
2552	Shell-Thin	SLE-ENVE	Max	0	0	0	-1,9834	-0,4775	-0,4525	-11,98	0,34
2552	Shell-Thin	SLE-ENVE	Max	0	0	0	-1,1936	-0,4181	-0,4603	-22,3	0,34
2552	Shell-Thin	SLE-ENVE	Max	0	0	0	-7,9248	-3,4789	-0,2803	-22,3	137,99
2552	Shell-Thin	SLE-ENVE	Min	0	0	0	-77,2219	-0,5667	-2,1522	-78,6	17,3
2552	Shell-Thin	SLE-ENVE	Min	0	0	0	-54,283	-9,1987	-2,8006	-78,6	-6,15
2552	Shell-Thin	SLE-ENVE	Min	0	0	0	-46,6253	-8,5188	-2,847	-162,09	-6,15
2552	Shell-Thin	SLE-ENVE	Min	0	0	0	-94,6086	-34,419	-2,1987	-162,09	17,3

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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
2553	Shell-Thin	SLU-ENVE	Max	0	0	0	-7,133	-3,7561	2,6603	-25,44	-20,43
2553	Shell-Thin	SLU-ENVE	Max	0	0	0	0,6285	-0,1949	6,8494	-25,44	0,91
2553	Shell-Thin	SLU-ENVE	Max	0	0	0	-0,4672	-0,4934	7,5794	-13,84	0,91
2553	Shell-Thin	SLU-ENVE	Max	0	0	0	-4,7493	4,5809	3,3903	-13,84	-20,43
2553	Shell-Thin	SLU-ENVE	Min	0	0	0	-172,3488	-	-1,4887	-292,19	-261,82
								62,6348			
2553	Shell-Thin	SLU-ENVE	Min	0	0	0	-85,5664	-	-0,1196	-292,19	-5,22
								15,5896			
2553	Shell-Thin	SLU-ENVE	Min	0	0	0	-93,8825	-	-0,2275	-141,11	-5,22
								17,8646			
2553	Shell-Thin	SLU-ENVE	Min	0	0	0	-135,3385	-0,6718	-1,7405	-141,11	-261,82
2553	Shell-Thin	SLE-ENVE	Max	0	0	0	-7,9274	-3,4919	1,4693	-22,22	-16,79
2553	Shell-Thin	SLE-ENVE	Max	0	0	0	-1,1922	-0,4112	3,7894	-22,22	0,68
2553	Shell-Thin	SLE-ENVE	Max	0	0	0	-2,0592	-0,653	4,1945	-12,69	0,68
2553	Shell-Thin	SLE-ENVE	Max	0	0	0	-5,9356	2,5199	1,8745	-12,69	-16,79
2553	Shell-Thin	SLE-ENVE	Min	0	0	0	-94,6163	-	-0,8052	-161,62	-144,45
								34,4576			
2553	Shell-Thin	SLE-ENVE	Min	0	0	0	-46,6171	-8,4775	0,0205	-161,62	-2,9
2553	Shell-Thin	SLE-ENVE	Min	0	0	0	-51,1894	-9,7274	-0,0366	-78,25	-2,9
2553	Shell-Thin	SLE-ENVE	Min	0	0	0	-74,1779	-0,2786	-0,9437	-78,25	-144,45
2554	Shell-Thin	SLU-ENVE	Max	0	0	0	-4,7488	4,46	-0,6002	-13,9	209
2554	Shell-Thin	SLU-ENVE	Max	0	0	0	-0,4675	-0,4945	0,798	-13,9	-0,32
2554	Shell-Thin	SLU-ENVE	Max	0	0	0	0,3691	-0,2064	0,8457	-26,05	-0,32
2554	Shell-Thin	SLU-ENVE	Max	0	0	0	-7,557	-3,8908	-0,657	-26,05	209
2554	Shell-Thin	SLU-ENVE	Min	0	0	0	-135,382	-0,8893	-4,9425	-138,58	21,53
2554	Shell-Thin	SLU-ENVE	Min	0	0	0	-93,865	-	-4,572	-138,58	-21,21
								17,7768			
2554	Shell-Thin	SLU-ENVE	Min	0	0	0	-77,4713	-	-4,8979	-253,54	-21,21
								14,2216			
2554	Shell-Thin	SLU-ENVE	Min	0	0	0	-153,4747	-	-5,3211	-253,54	21,53
								54,8882			
2554	Shell-Thin	SLE-ENVE	Max	0	0	0	-5,9353	2,4527	-0,3849	-12,72	115,11
2554	Shell-Thin	SLE-ENVE	Max	0	0	0	-2,0594	-0,6536	0,46	-12,72	-0,35
2554	Shell-Thin	SLE-ENVE	Max	0	0	0	-1,336	-0,4175	0,4862	-22,56	-0,35
2554	Shell-Thin	SLE-ENVE	Max	0	0	0	-8,1625	-3,5666	-0,4135	-22,56	115,11
2554	Shell-Thin	SLE-ENVE	Min	0	0	0	-74,2021	-0,3994	-2,7675	-76,85	17,4
2554	Shell-Thin	SLE-ENVE	Min	0	0	0	-51,1797	-9,6786	-2,5506	-76,85	-11,75
2554	Shell-Thin	SLE-ENVE	Min	0	0	0	-42,1197	-7,7175	-2,7599	-140,14	-11,75
2554	Shell-Thin	SLE-ENVE	Min	0	0	0	-84,1304	-	-2,9768	-140,14	17,4
								30,1539			
2555	Shell-Thin	SLU-ENVE	Max	0	0	0	-7,5544	-3,878	2,3657	-26,16	-21
2555	Shell-Thin	SLU-ENVE	Max	0	0	0	0,3678	-0,2133	9,2505	-26,16	0,08124
2555	Shell-Thin	SLU-ENVE	Max	0	0	0	-0,8745	-0,2944	10,2915	-13,5	0,08124
2555	Shell-Thin	SLU-ENVE	Max	0	0	0	-4,9986	1,3119	3,4068	-13,5	-21
2555	Shell-Thin	SLU-ENVE	Min	0	0	0	-153,4004	-	-3,2241	-257,12	-231,59
								54,5166			
2555	Shell-Thin	SLU-ENVE	Min	0	0	0	-77,5145	-	-0,5111	-257,12	-21,95
								14,4375			
2555	Shell-Thin	SLU-ENVE	Min	0	0	0	-80,0583	-14,687	-0,572	-113,75	-21,95
2555	Shell-Thin	SLU-ENVE	Min	0	0	0	-112,9355	-2,357	-2,964	-113,75	-231,59
2555	Shell-Thin	SLE-ENVE	Max	0	0	0	-8,1603	-3,5556	1,305	-22,65	-17,2
2555	Shell-Thin	SLE-ENVE	Max	0	0	0	-1,3372	-0,4234	5,1207	-22,65	-0,04449
2555	Shell-Thin	SLE-ENVE	Max	0	0	0	-2,2914	-0,4879	5,6973	-12,31	-0,04449
2555	Shell-Thin	SLE-ENVE	Max	0	0	0	-6,0113	0,6698	1,8816	-12,31	-17,2



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**Table: Element Forces - Area Shells**

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
2555	Shell-Thin	SLE-ENVE	Min	0	0	0	-84,0893	-	-1,7658	-142,13	-127,64
								29,9481			
2555	Shell-Thin	SLE-ENVE	Min	0	0	0	-42,1436	-7,8371	-0,1798	-142,13	-12,18
2555	Shell-Thin	SLE-ENVE	Min	0	0	0	-43,5081	-7,972	-0,2031	-63,09	-12,18
2555	Shell-Thin	SLE-ENVE	Min	0	0	0	-61,7431	-1,2181	-1,6163	-63,09	-127,64
2556	Shell-Thin	SLU-ENVE	Max	0	0	0	-5,0141	1,2344	0,3554	-12,77	99,07
2556	Shell-Thin	SLU-ENVE	Max	0	0	0	-0,8677	-0,2606	4,7214	-12,77	1,27
2556	Shell-Thin	SLU-ENVE	Max	0	0	0	-0,3965	-0,3233	3,1937	-22,56	1,27
2556	Shell-Thin	SLU-ENVE	Max	0	0	0	-7,4815	-2,5478	-0,9845	-22,56	99,07
2556	Shell-Thin	SLU-ENVE	Min	0	0	0	-113,1307	-3,3331	-5,3225	-104,36	16,15
2556	Shell-Thin	SLU-ENVE	Min	0	0	0	-79,9897	-	-3,8804	-104,36	-19,51
								14,3437			
2556	Shell-Thin	SLU-ENVE	Min	0	0	0	-66,056	-	-5,4451	-157,15	-19,51
								13,1052			
2556	Shell-Thin	SLU-ENVE	Min	0	0	0	-115,0337	-	-6,8873	-157,15	16,15
								31,7396			
2556	Shell-Thin	SLE-ENVE	Max	0	0	0	-6,024	0,6066	0,2022	-11,7	54,32
2556	Shell-Thin	SLE-ENVE	Max	0	0	0	-2,2859	-0,4604	2,6352	-11,7	0,89
2556	Shell-Thin	SLE-ENVE	Max	0	0	0	-1,841	-0,5066	1,7949	-19,53	0,89
2556	Shell-Thin	SLE-ENVE	Max	0	0	0	-7,9289	-2,4372	-0,6164	-19,53	54,32
2556	Shell-Thin	SLE-ENVE	Min	0	0	0	-61,8508	-1,7566	-2,9657	-57,91	12,88
2556	Shell-Thin	SLE-ENVE	Min	0	0	0	-43,4703	-7,7829	-2,183	-57,91	-10,87
2556	Shell-Thin	SLE-ENVE	Min	0	0	0	-35,763	-7,0927	-3,0729	-86,79	-10,87
2556	Shell-Thin	SLE-ENVE	Min	0	0	0	-62,8094	-	-3,8556	-86,79	12,88
								17,3642			
2557	Shell-Thin	SLU-ENVE	Max	0	0	0	0,2947	-0,3002	0,81	-13,08	0,42
2557	Shell-Thin	SLU-ENVE	Max	0	0	0	7,8757	7,6039	0,0631	-13,08	2,6
2557	Shell-Thin	SLU-ENVE	Max	0	0	0	8,0587	7,661	0,1364	-14,25	2,6
2557	Shell-Thin	SLU-ENVE	Max	0	0	0	-0,1249	-0,2045	1,5514	-14,25	0,42
2557	Shell-Thin	SLU-ENVE	Min	0	0	0	-91,9083	-	0,1584	-186,11	-2,07
								17,2602			
2557	Shell-Thin	SLU-ENVE	Min	0	0	0	-17,5122	-6,7736	-0,99	-186,11	0,2
2557	Shell-Thin	SLU-ENVE	Min	0	0	0	-16,3685	-6,7459	-0,3236	-200,38	0,2
2557	Shell-Thin	SLU-ENVE	Min	0	0	0	-97,0437	-	0,0036	-200,38	-2,07
								16,0359			
2557	Shell-Thin	SLE-ENVE	Max	0	0	0	-1,4791	-0,4983	0,4507	-12,62	0,23
2557	Shell-Thin	SLE-ENVE	Max	0	0	0	5,0307	4,4019	0,03	-12,62	1,44
2557	Shell-Thin	SLE-ENVE	Max	0	0	0	5,1668	4,4331	0,0775	-13,58	1,44
2557	Shell-Thin	SLE-ENVE	Max	0	0	0	-1,8234	-0,4193	0,8579	-13,58	0,23
2557	Shell-Thin	SLE-ENVE	Min	0	0	0	-50,1219	-9,4004	0,1146	-103,29	-1,14
2557	Shell-Thin	SLE-ENVE	Min	0	0	0	-7,906	-3,3963	-0,5492	-103,29	0,16
2557	Shell-Thin	SLE-ENVE	Min	0	0	0	-7,2504	-3,3797	-0,1805	-111,16	0,16
2557	Shell-Thin	SLE-ENVE	Min	0	0	0	-52,9543	-8,725	0,0231	-111,16	-1,14
2558	Shell-Thin	SLU-ENVE	Max	0	0	0	-0,1316	-0,2378	0,6569	-14,29	-0,19
2558	Shell-Thin	SLU-ENVE	Max	0	0	0	8,0605	7,7587	3,0612	-14,29	-0,28
2558	Shell-Thin	SLU-ENVE	Max	0	0	0	7,7727	9,3943	4,4046	-12,67	-0,28
2558	Shell-Thin	SLU-ENVE	Max	0	0	0	0,4102	-0,247	2,0002	-12,67	-0,19
2558	Shell-Thin	SLU-ENVE	Min	0	0	0	-97,1223	-	-1,0616	-201,44	-15,86
								16,4287			
2558	Shell-Thin	SLU-ENVE	Min	0	0	0	-16,3568	-6,6877	-0,1815	-201,44	-11,98
2558	Shell-Thin	SLU-ENVE	Min	0	0	0	-17,8254	-5,2956	-0,3489	-178,06	-11,98
2558	Shell-Thin	SLU-ENVE	Min	0	0	0	-88,2036	-16,189	-1,2721	-178,06	-15,86
2558	Shell-Thin	SLE-ENVE	Max	0	0	0	-1,8289	-0,4465	0,3687	-13,61	-0,17

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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
2558	Shell-Thin	SLE-ENVE	Max	0	0	0	5,1682	4,487	1,6974	-13,61	-0,22
2558	Shell-Thin	SLE-ENVE	Max	0	0	0	4,9514	5,3961	2,4444	-12,26	-0,22
2558	Shell-Thin	SLE-ENVE	Max	0	0	0	-1,3702	-0,4535	1,1157	-12,26	-0,17
2558	Shell-Thin	SLE-ENVE	Min	0	0	0	-52,9976	-8,9416	-0,5904	-111,75	-8,81
2558	Shell-Thin	SLE-ENVE	Min	0	0	0	-7,2437	-3,3463	-0,0828	-111,75	-6,66
2558	Shell-Thin	SLE-ENVE	Min	0	0	0	-8,0898	-2,5742	-0,179	-98,84	-6,66
2558	Shell-Thin	SLE-ENVE	Min	0	0	0	-48,0717	-8,8081	-0,7176	-98,84	-8,81
2559	Shell-Thin	SLU-ENVE	Max	0	0	0	0,4119	-0,2382	4,8729	-12,78	5,12
2559	Shell-Thin	SLU-ENVE	Max	0	0	0	7,7718	9,3595	4,8604	-12,78	0,06512
2559	Shell-Thin	SLU-ENVE	Max	0	0	0	8,0401	9,8169	6,6172	-14,57	0,06512
2559	Shell-Thin	SLU-ENVE	Max	0	0	0	-0,2615	-0,4523	6,6297	-14,57	5,12
2559	Shell-Thin	SLU-ENVE	Min	0	0	0	-88,1886	-	-0,5466	-179,67	1,09
								16,1141			
2559	Shell-Thin	SLU-ENVE	Min	0	0	0	-17,8313	-5,3252	-0,7121	-179,67	-4,41
2559	Shell-Thin	SLU-ENVE	Min	0	0	0	-15,6315	-4,2877	-0,8326	-192,52	-4,41
2559	Shell-Thin	SLU-ENVE	Min	0	0	0	-91,5	-	-0,6671	-192,52	1,09
								17,3881			
2559	Shell-Thin	SLE-ENVE	Max	0	0	0	-1,3689	-0,4465	2,7055	-12,34	2,79
2559	Shell-Thin	SLE-ENVE	Max	0	0	0	4,9508	5,377	2,7038	-12,34	0,05948
2559	Shell-Thin	SLE-ENVE	Max	0	0	0	5,1458	5,6295	3,6794	-13,78	0,05948
2559	Shell-Thin	SLE-ENVE	Max	0	0	0	-1,8907	-0,6193	3,6811	-13,78	2,79
2559	Shell-Thin	SLE-ENVE	Min	0	0	0	-48,0635	-8,7668	-0,2988	-99,73	0,73
2559	Shell-Thin	SLE-ENVE	Min	0	0	0	-8,0932	-2,591	-0,4037	-99,73	-2,45
2559	Shell-Thin	SLE-ENVE	Min	0	0	0	-6,8385	-2,0107	-0,4693	-106,79	-2,45
2559	Shell-Thin	SLE-ENVE	Min	0	0	0	-49,8758	-9,4646	-0,3644	-106,79	0,73
2560	Shell-Thin	SLU-ENVE	Max	0	0	0	-0,2617	-0,4533	6,6779	-14,61	-0,83
2560	Shell-Thin	SLU-ENVE	Max	0	0	0	8,0402	9,7958	10,0749	-14,61	2,2
2560	Shell-Thin	SLU-ENVE	Max	0	0	0	7,7003	7,5477	11,6671	-13,11	2,2
2560	Shell-Thin	SLU-ENVE	Max	0	0	0	0,1481	-0,2506	8,2701	-13,11	-0,83
2560	Shell-Thin	SLU-ENVE	Min	0	0	0	-91,4824	-	-1,5476	-191,82	-17,31
								17,3003			
2560	Shell-Thin	SLU-ENVE	Min	0	0	0	-15,6339	-4,2997	-0,8182	-191,82	-2,23
2560	Shell-Thin	SLU-ENVE	Min	0	0	0	-17,5726	-4,4367	-0,9462	-161,21	-2,23
2560	Shell-Thin	SLU-ENVE	Min	0	0	0	-79,7149	-	-1,6803	-161,21	-17,31
								14,6703			
2560	Shell-Thin	SLE-ENVE	Max	0	0	0	-1,8908	-0,6199	3,7125	-13,8	-0,73
2560	Shell-Thin	SLE-ENVE	Max	0	0	0	5,1459	5,6178	5,5945	-13,8	1,23
2560	Shell-Thin	SLE-ENVE	Max	0	0	0	4,8856	4,3705	6,4787	-12,53	1,23
2560	Shell-Thin	SLE-ENVE	Max	0	0	0	-1,5151	-0,4533	4,5967	-12,53	-0,73
2560	Shell-Thin	SLE-ENVE	Min	0	0	0	-49,866	-9,4159	-0,8646	-106,4	-9,57
2560	Shell-Thin	SLE-ENVE	Min	0	0	0	-6,8398	-2,0173	-0,4374	-106,4	-1,25
2560	Shell-Thin	SLE-ENVE	Min	0	0	0	-7,9495	-2,0973	-0,5058	-89,48	-1,25
2560	Shell-Thin	SLE-ENVE	Min	0	0	0	-43,3557	-7,9647	-0,937	-89,48	-9,57
2561	Shell-Thin	SLU-ENVE	Max	0	0	0	0,1467	-0,2575	10,6339	-13,07	9,68
2561	Shell-Thin	SLU-ENVE	Max	0	0	0	7,7011	7,6086	12,0605	-13,07	14,37
2561	Shell-Thin	SLU-ENVE	Max	0	0	0	7,9273	3,3021	13,0177	-15,07	14,37
2561	Shell-Thin	SLU-ENVE	Max	0	0	0	-0,6787	-0,2553	11,5911	-15,07	9,68
2561	Shell-Thin	SLU-ENVE	Min	0	0	0	-79,7581	-	-0,9405	-158,78	-5,05
								14,8863			
2561	Shell-Thin	SLU-ENVE	Min	0	0	0	-17,5644	-4,396	-1,3615	-158,78	0,18
2561	Shell-Thin	SLU-ENVE	Min	0	0	0	-16,4988	-5,499	-1,5789	-158,33	0,18
2561	Shell-Thin	SLU-ENVE	Min	0	0	0	-78,3094	-	-1,1497	-158,33	-5,05
								14,3372			

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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
2561	Shell-Thin	SLE-ENVE	Max	0	0	0	-1,5163	-0,4593	5,9038	-12,48	5,38
2561	Shell-Thin	SLE-ENVE	Max	0	0	0	4,8863	4,4041	6,7034	-12,48	7,97
2561	Shell-Thin	SLE-ENVE	Max	0	0	0	5,0469	2,0112	7,2359	-14,04	7,97
2561	Shell-Thin	SLE-ENVE	Max	0	0	0	-2,1324	-0,4561	6,4362	-14,04	5,38
2561	Shell-Thin	SLE-ENVE	Min	0	0	0	-43,3797	-8,0843	-0,5056	-88,13	-2,82
2561	Shell-Thin	SLE-ENVE	Min	0	0	0	-7,9449	-2,0742	-0,7619	-88,13	0,17
2561	Shell-Thin	SLE-ENVE	Min	0	0	0	-7,3227	-2,6857	-0,8841	-87,8	0,17
2561	Shell-Thin	SLE-ENVE	Min	0	0	0	-42,5458	-7,7795	-0,6278	-87,8	-2,82
2562	Shell-Thin	SLU-ENVE	Max	0	0	0	-0,672	-0,2215	10,7489	-15,1	4,46
2562	Shell-Thin	SLU-ENVE	Max	0	0	0	7,9254	3,2155	14,7606	-15,1	10,97
2562	Shell-Thin	SLU-ENVE	Max	0	0	0	7,6769	1,0642	14,8535	-14,17	10,97
2562	Shell-Thin	SLU-ENVE	Max	0	0	0	-0,4816	-0,3404	10,8417	-14,17	4,46
2562	Shell-Thin	SLU-ENVE	Min	0	0	0	-78,2408	-13,994	-2,2242	-154,7	-11,05
2562	Shell-Thin	SLU-ENVE	Min	0	0	0	-16,5088	-5,5487	-1,3824	-154,7	-0,3
2562	Shell-Thin	SLU-ENVE	Min	0	0	0	-17,7875	-6,9787	-1,5093	-126,25	-0,3
2562	Shell-Thin	SLU-ENVE	Min	0	0	0	-66,7116	-	-2,5294	-126,25	-11,05
								13,2363			
2562	Shell-Thin	SLE-ENVE	Max	0	0	0	-2,1269	-0,4286	5,9762	-14,05	2,48
2562	Shell-Thin	SLE-ENVE	Max	0	0	0	5,0456	1,9635	8,1993	-14,05	6,11
2562	Shell-Thin	SLE-ENVE	Max	0	0	0	4,8507	0,6728	8,2518	-13,22	6,11
2562	Shell-Thin	SLE-ENVE	Max	0	0	0	-1,9096	-0,5204	6,0287	-13,22	2,48
2562	Shell-Thin	SLE-ENVE	Min	0	0	0	-42,5079	-7,5905	-1,2438	-85,79	-6,15
2562	Shell-Thin	SLE-ENVE	Min	0	0	0	-7,3285	-2,7144	-0,7567	-85,79	-0,22
2562	Shell-Thin	SLE-ENVE	Min	0	0	0	-8,0591	-3,518	-0,8314	-70,03	-0,22
2562	Shell-Thin	SLE-ENVE	Min	0	0	0	-36,1234	-7,1647	-1,4153	-70,03	-6,15
2563	Shell-Thin	SLU-ENVE	Max	0	0	0	7,9305	7,6911	0,0975	-6,16	1,21
2563	Shell-Thin	SLU-ENVE	Max	0	0	0	64,9608	27,709	0,1006	-6,16	0,64
2563	Shell-Thin	SLU-ENVE	Max	0	0	0	64,8902	27,5272	0,7085	-6,14	0,64
2563	Shell-Thin	SLU-ENVE	Max	0	0	0	7,9391	7,3646	0,663	-6,14	1,21
2563	Shell-Thin	SLU-ENVE	Min	0	0	0	-17,3026	-6,7317	-0,791	-137,08	0,09512
2563	Shell-Thin	SLU-ENVE	Min	0	0	0	-4,1832	-3,7386	-0,7455	-137,08	-0,34
2563	Shell-Thin	SLU-ENVE	Min	0	0	0	-4,2156	-3,686	-0,08	-136,78	-0,34
2563	Shell-Thin	SLU-ENVE	Min	0	0	0	-17,2608	-6,9244	-0,0831	-136,78	0,09512
2563	Shell-Thin	SLE-ENVE	Max	0	0	0	5,0716	4,4498	0,0546	-7,68	0,67
2563	Shell-Thin	SLE-ENVE	Max	0	0	0	37,0888	15,5948	0,057	-7,68	0,35
2563	Shell-Thin	SLE-ENVE	Max	0	0	0	37,05	15,4935	0,3934	-7,66	0,35
2563	Shell-Thin	SLE-ENVE	Max	0	0	0	5,078	4,2695	0,3682	-7,66	0,67
2563	Shell-Thin	SLE-ENVE	Min	0	0	0	-7,7838	-3,3718	-0,4396	-76,39	0,07482
2563	Shell-Thin	SLE-ENVE	Min	0	0	0	0,7211	-1,4658	-0,4144	-76,39	-0,19
2563	Shell-Thin	SLE-ENVE	Min	0	0	0	0,7027	-1,4359	-0,0427	-76,22	-0,19
2563	Shell-Thin	SLE-ENVE	Min	0	0	0	-7,7596	-3,4816	-0,0451	-76,22	0,07482
2564	Shell-Thin	SLU-ENVE	Max	0	0	0	7,9409	7,4624	2,3252	-6,13	-0,19
2564	Shell-Thin	SLU-ENVE	Max	0	0	0	64,8839	27,4959	1,9893	-6,13	-0,09981
2564	Shell-Thin	SLU-ENVE	Max	0	0	0	65,1417	30,619	3,5275	-6,23	-0,09981
2564	Shell-Thin	SLU-ENVE	Max	0	0	0	7,9121	9,6523	3,8634	-6,23	-0,19
2564	Shell-Thin	SLU-ENVE	Min	0	0	0	-17,2491	-6,8661	-0,2498	-137,06	-9,48
2564	Shell-Thin	SLU-ENVE	Min	0	0	0	-4,2168	-3,692	-0,2703	-137,06	-11,82
2564	Shell-Thin	SLU-ENVE	Min	0	0	0	-4,3367	-3,5178	-0,4505	-137,58	-11,82
2564	Shell-Thin	SLU-ENVE	Min	0	0	0	-16,9211	-5,1148	-0,43	-137,58	-9,48
2564	Shell-Thin	SLE-ENVE	Max	0	0	0	5,0794	4,3234	1,2914	-7,65	-0,14
2564	Shell-Thin	SLE-ENVE	Max	0	0	0	37,0465	15,4762	1,1051	-7,65	-0,05148
2564	Shell-Thin	SLE-ENVE	Max	0	0	0	37,1893	17,2111	1,9597	-7,72	-0,05148

AUTOSTRADA VALDASTICO A31 NORD  
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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
2564	Shell-Thin	SLE-ENVE	Max	0	0	0	5,0554	5,5383	2,146	-7,72	-0,14
2564	Shell-Thin	SLE-ENVE	Min	0	0	0	-7,7529	-3,4482	-0,1356	-76,38	-5,27
2564	Shell-Thin	SLE-ENVE	Min	0	0	0	0,702	-1,4395	-0,1487	-76,38	-6,57
2564	Shell-Thin	SLE-ENVE	Min	0	0	0	0,636	-1,3428	-0,249	-76,67	-6,57
2564	Shell-Thin	SLE-ENVE	Min	0	0	0	-7,5723	-2,4707	-0,2359	-76,67	-5,27
2565	Shell-Thin	SLU-ENVE	Max	0	0	0	7,9113	9,6176	5,683	-6,26	2
2565	Shell-Thin	SLU-ENVE	Max	0	0	0	65,1395	30,6077	4,9471	-6,26	3,17
2565	Shell-Thin	SLU-ENVE	Max	0	0	0	63,0957	30,1828	6,5974	-6,3	3,17
2565	Shell-Thin	SLU-ENVE	Max	0	0	0	7,9101	9,4844	7,3333	-6,3	2
2565	Shell-Thin	SLU-ENVE	Min	0	0	0	-16,927	-5,1443	-0,6095	-138,04	-3,21
2565	Shell-Thin	SLU-ENVE	Min	0	0	0	-4,3341	-3,5046	-0,6305	-138,04	-1,16
2565	Shell-Thin	SLU-ENVE	Min	0	0	0	-4,4851	-3,2369	-0,8035	-133,62	-1,16
2565	Shell-Thin	SLU-ENVE	Min	0	0	0	-16,4766	-4,4567	-0,7825	-133,62	-3,21
2565	Shell-Thin	SLE-ENVE	Max	0	0	0	5,0548	5,5191	3,1575	-7,73	1,11
2565	Shell-Thin	SLE-ENVE	Max	0	0	0	37,1881	17,2048	2,7483	-7,73	1,76
2565	Shell-Thin	SLE-ENVE	Max	0	0	0	36,0533	16,9685	3,6653	-7,74	1,76
2565	Shell-Thin	SLE-ENVE	Max	0	0	0	5,0491	5,446	4,0745	-7,74	1,11
2565	Shell-Thin	SLE-ENVE	Min	0	0	0	-7,5756	-2,4875	-0,3382	-76,92	-1,78
2565	Shell-Thin	SLE-ENVE	Min	0	0	0	0,6375	-1,3354	-0,3482	-76,92	-0,65
2565	Shell-Thin	SLE-ENVE	Min	0	0	0	0,5522	-1,1863	-0,4447	-74,47	-0,65
2565	Shell-Thin	SLE-ENVE	Min	0	0	0	-7,3225	-2,1075	-0,4347	-74,47	-1,78
2566	Shell-Thin	SLU-ENVE	Max	0	0	0	7,9101	9,4634	9,4195	-6,35	10,08
2566	Shell-Thin	SLU-ENVE	Max	0	0	0	63,0961	30,1847	7,7881	-6,35	19,05
2566	Shell-Thin	SLU-ENVE	Max	0	0	0	58,8733	26,2377	9,296	-6,59	19,05
2566	Shell-Thin	SLU-ENVE	Max	0	0	0	7,8415	7,7584	10,9274	-6,59	10,08
2566	Shell-Thin	SLU-ENVE	Min	0	0	0	-16,479	-4,4687	-0,9353	-133,06	-0,77
2566	Shell-Thin	SLU-ENVE	Min	0	0	0	-4,4841	-3,2321	-0,9823	-133,06	-0,52
2566	Shell-Thin	SLU-ENVE	Min	0	0	0	-4,2683	-3,2711	-1,1429	-126,26	-0,52
2566	Shell-Thin	SLU-ENVE	Min	0	0	0	-16,7165	-4,2655	-1,096	-126,26	-0,77
2566	Shell-Thin	SLE-ENVE	Max	0	0	0	5,0491	5,4343	5,2333	-7,77	5,6
2566	Shell-Thin	SLE-ENVE	Max	0	0	0	36,0536	16,9696	4,3271	-7,77	10,58
2566	Shell-Thin	SLE-ENVE	Max	0	0	0	33,7068	14,7771	5,165	-7,92	10,58
2566	Shell-Thin	SLE-ENVE	Max	0	0	0	4,9912	4,4863	6,0711	-7,92	5,6
2566	Shell-Thin	SLE-ENVE	Min	0	0	0	-7,3238	-2,1141	-0,5178	-74,16	-0,43
2566	Shell-Thin	SLE-ENVE	Min	0	0	0	0,5527	-1,1836	-0,5457	-74,16	-0,28
2566	Shell-Thin	SLE-ENVE	Min	0	0	0	0,6738	-1,2055	-0,6353	-70,38	-0,28
2566	Shell-Thin	SLE-ENVE	Min	0	0	0	-7,4588	-1,9992	-0,6074	-70,38	-0,43
2567	Shell-Thin	SLU-ENVE	Max	0	0	0	7,8423	7,8193	12,4964	-6,66	23,22
2567	Shell-Thin	SLU-ENVE	Max	0	0	0	58,8753	26,2474	10,3568	-6,66	40,06
2567	Shell-Thin	SLU-ENVE	Max	0	0	0	51,9225	17,3017	11,3788	-6,84	40,06
2567	Shell-Thin	SLU-ENVE	Max	0	0	0	7,8046	3,0843	13,5184	-6,84	23,22
2567	Shell-Thin	SLU-ENVE	Min	0	0	0	-16,7084	-4,2248	-1,2532	-124,3	-0,1
2567	Shell-Thin	SLU-ENVE	Min	0	0	0	-4,2703	-3,2812	-1,2954	-124,3	-0,71
2567	Shell-Thin	SLU-ENVE	Min	0	0	0	-3,907	-3,4517	-1,4384	-112,23	-0,71
2567	Shell-Thin	SLU-ENVE	Min	0	0	0	-17,1344	-5,6261	-1,3962	-112,23	-0,1
2567	Shell-Thin	SLE-ENVE	Max	0	0	0	4,9918	4,5199	6,9433	-7,96	12,89
2567	Shell-Thin	SLE-ENVE	Max	0	0	0	33,7079	14,7826	5,7543	-7,96	22,26
2567	Shell-Thin	SLE-ENVE	Max	0	0	0	29,8455	9,8128	6,3222	-8,05	22,26
2567	Shell-Thin	SLE-ENVE	Max	0	0	0	4,9555	1,8913	7,5112	-8,05	12,89
2567	Shell-Thin	SLE-ENVE	Min	0	0	0	-7,4542	-1,9761	-0,6973	-69,28	-0,02037
2567	Shell-Thin	SLE-ENVE	Min	0	0	0	0,6726	-1,2112	-0,7193	-69,28	-0,4
2567	Shell-Thin	SLE-ENVE	Min	0	0	0	0,8736	-1,3057	-0,7989	-62,58	-0,4

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**Table: Element Forces - Area Shells**

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
2567	Shell-Thin	SLE-ENVE	Min	0	0	0	-7,6893	-2,7591	-0,777	-62,58	-0,02037
2568	Shell-Thin	SLU-ENVE	Max	0	0	0	7,8028	2,9978	14,3483	-6,94	22,5
2568	Shell-Thin	SLU-ENVE	Max	0	0	0	51,933	17,354	11,9718	-6,94	42,11
2568	Shell-Thin	SLU-ENVE	Max	0	0	0	44,6053	8,0154	12,327	-7,23	42,11
2568	Shell-Thin	SLU-ENVE	Max	0	0	0	7,7325	1,0753	14,7035	-7,23	22,5
2568	Shell-Thin	SLU-ENVE	Min	0	0	0	-17,1444	-5,6758	-1,5179	-109,62	-0,38
2568	Shell-Thin	SLU-ENVE	Min	0	0	0	-3,9064	-3,4487	-1,5754	-109,62	-0,76
2568	Shell-Thin	SLU-ENVE	Min	0	0	0	-3,3856	-3,5947	-1,6955	-97,22	-0,76
2568	Shell-Thin	SLU-ENVE	Min	0	0	0	-17,6194	-6,9396	-1,638	-97,22	-0,38
2568	Shell-Thin	SLE-ENVE	Max	0	0	0	4,9541	1,8436	7,9721	-8,1	12,5
2568	Shell-Thin	SLE-ENVE	Max	0	0	0	29,8513	9,8419	6,6517	-8,1	23,39
2568	Shell-Thin	SLE-ENVE	Max	0	0	0	25,7798	4,6541	6,8491	-8,27	23,39
2568	Shell-Thin	SLE-ENVE	Max	0	0	0	4,8924	0,6816	8,1694	-8,27	12,5
2568	Shell-Thin	SLE-ENVE	Min	0	0	0	-7,6951	-2,7877	-0,8424	-61,13	-0,23
2568	Shell-Thin	SLE-ENVE	Min	0	0	0	0,874	-1,3038	-0,8753	-61,13	-0,42
2568	Shell-Thin	SLE-ENVE	Min	0	0	0	1,1634	-1,3855	-0,9413	-54,24	-0,42
2568	Shell-Thin	SLE-ENVE	Min	0	0	0	-7,96	-3,4961	-0,9085	-54,24	-0,23
2569	Shell-Thin	SLU-ENVE	Max	0	0	0	64,6537	27,6475	0,097	4,26	0,64
2569	Shell-Thin	SLU-ENVE	Max	0	0	0	91,2112	39,3083	0,0988	4,26	0,18
2569	Shell-Thin	SLU-ENVE	Max	0	0	0	91,1961	39,2571	0,4391	4,25	0,18
2569	Shell-Thin	SLU-ENVE	Max	0	0	0	64,6581	27,4808	0,4172	4,25	0,64
2569	Shell-Thin	SLU-ENVE	Min	0	0	0	-4,204	-3,7428	-0,4173	-36,53	-0,31
2569	Shell-Thin	SLU-ENVE	Min	0	0	0	5,4635	-1,9755	-0,3954	-36,53	0,02641
2569	Shell-Thin	SLU-ENVE	Min	0	0	0	5,4496	-1,9782	-0,0813	-36,51	0,02641
2569	Shell-Thin	SLU-ENVE	Min	0	0	0	-4,1972	-3,6823	-0,0831	-36,51	-0,31
2569	Shell-Thin	SLE-ENVE	Max	0	0	0	36,9184	15,5607	0,055	-0,3	0,36
2569	Shell-Thin	SLE-ENVE	Max	0	0	0	52,2299	22,1506	0,0558	-0,3	0,0998
2569	Shell-Thin	SLE-ENVE	Max	0	0	0	52,2222	22,1217	0,2442	-0,3	0,0998
2569	Shell-Thin	SLE-ENVE	Max	0	0	0	36,9205	15,4676	0,2317	-0,3	0,36
2569	Shell-Thin	SLE-ENVE	Min	0	0	0	0,7094	-1,4681	-0,232	-20,99	-0,17
2569	Shell-Thin	SLE-ENVE	Min	0	0	0	7,2135	-0,2592	-0,2194	-20,99	0,0159
2569	Shell-Thin	SLE-ENVE	Min	0	0	0	7,2061	-0,261	-0,0443	-20,98	0,0159
2569	Shell-Thin	SLE-ENVE	Min	0	0	0	0,713	-1,4338	-0,0451	-20,98	-0,17
2570	Shell-Thin	SLU-ENVE	Max	0	0	0	64,6519	27,4495	1,8483	4,24	-0,14
2570	Shell-Thin	SLU-ENVE	Max	0	0	0	91,1961	39,257	0,6314	4,24	1,83
2570	Shell-Thin	SLU-ENVE	Max	0	0	0	89,8505	39,181	1,2902	4,19	1,83
2570	Shell-Thin	SLU-ENVE	Max	0	0	0	64,7762	30,5459	2,5071	4,19	-0,14
2570	Shell-Thin	SLU-ENVE	Min	0	0	0	-4,1984	-3,6883	-0,2723	-35,82	-10,86
2570	Shell-Thin	SLU-ENVE	Min	0	0	0	5,4502	-1,9753	-0,2544	-35,82	-0,47
2570	Shell-Thin	SLU-ENVE	Min	0	0	0	5,5758	-1,9452	-0,433	-33,98	-0,47
2570	Shell-Thin	SLU-ENVE	Min	0	0	0	-4,3498	-3,5204	-0,4509	-33,98	-10,86
2570	Shell-Thin	SLE-ENVE	Max	0	0	0	36,917	15,4503	1,0271	-0,31	-0,07692
2570	Shell-Thin	SLE-ENVE	Max	0	0	0	52,2222	22,1218	0,3507	-0,31	1,02
2570	Shell-Thin	SLE-ENVE	Max	0	0	0	51,4733	22,079	0,7167	-0,34	1,02
2570	Shell-Thin	SLE-ENVE	Max	0	0	0	36,9869	17,1707	1,3931	-0,34	-0,07692
2570	Shell-Thin	SLE-ENVE	Min	0	0	0	0,7123	-1,4374	-0,15	-20,6	-6,04
2570	Shell-Thin	SLE-ENVE	Min	0	0	0	7,2064	-0,2593	-0,141	-20,6	-0,26
2570	Shell-Thin	SLE-ENVE	Min	0	0	0	7,2748	-0,2428	-0,2403	-19,57	-0,26
2570	Shell-Thin	SLE-ENVE	Min	0	0	0	0,6284	-1,3443	-0,2493	-19,57	-6,04
2571	Shell-Thin	SLU-ENVE	Max	0	0	0	64,774	30,5346	3,6997	4,15	4,84
2571	Shell-Thin	SLU-ENVE	Max	0	0	0	89,8491	39,174	1,0638	4,15	12,78
2571	Shell-Thin	SLU-ENVE	Max	0	0	0	87,198	36,8016	1,4168	3,99	12,78

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**Table: Element Forces - Area Shells**

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
2571	Shell-Thin	SLU-ENVE	Max	0	0	0	62,9193	30,1475	4,0528	3,99	4,84
2571	Shell-Thin	SLU-ENVE	Min	0	0	0	-4,3472	-3,5073	-0,6414	-32,76	-1,25
2571	Shell-Thin	SLU-ENVE	Min	0	0	0	5,5754	-1,9468	-0,5926	-32,76	-1
2571	Shell-Thin	SLU-ENVE	Min	0	0	0	5,7877	-1,9046	-0,7619	-31,76	-1
2571	Shell-Thin	SLU-ENVE	Min	0	0	0	-4,3886	-3,2176	-0,8107	-31,76	-1,25
2571	Shell-Thin	SLE-ENVE	Max	0	0	0	36,9857	17,1644	2,0554	-0,36	2,69
2571	Shell-Thin	SLE-ENVE	Max	0	0	0	51,4726	22,0751	0,5911	-0,36	7,1
2571	Shell-Thin	SLE-ENVE	Max	0	0	0	50,0007	20,7579	0,7873	-0,45	7,1
2571	Shell-Thin	SLE-ENVE	Max	0	0	0	35,9546	16,9488	2,2515	-0,45	2,69
2571	Shell-Thin	SLE-ENVE	Min	0	0	0	0,6299	-1,3369	-0,3555	-18,89	-0,69
2571	Shell-Thin	SLE-ENVE	Min	0	0	0	7,2746	-0,2438	-0,3286	-18,89	-0,56
2571	Shell-Thin	SLE-ENVE	Min	0	0	0	7,3934	-0,2196	-0,4228	-18,34	-0,56
2571	Shell-Thin	SLE-ENVE	Min	0	0	0	0,6062	-1,1755	-0,4497	-18,34	-0,69
2572	Shell-Thin	SLU-ENVE	Max	0	0	0	62,9197	30,1494	4,9937	3,93	20,89
2572	Shell-Thin	SLU-ENVE	Max	0	0	0	87,1983	36,8034	0,9648	3,93	23,71
2572	Shell-Thin	SLU-ENVE	Max	0	0	0	83,7371	32,1353	1,1421	3,73	23,71
2572	Shell-Thin	SLU-ENVE	Max	0	0	0	58,6111	26,1853	5,171	3,73	20,89
2572	Shell-Thin	SLU-ENVE	Min	0	0	0	-4,3876	-3,2128	-0,9856	-31,06	-0,71
2572	Shell-Thin	SLU-ENVE	Min	0	0	0	5,7876	-1,905	-0,912	-31,06	-1,38
2572	Shell-Thin	SLU-ENVE	Min	0	0	0	6,0648	-1,8146	-1,066	-32,12	-1,38
2572	Shell-Thin	SLU-ENVE	Min	0	0	0	-4,2492	-3,2673	-1,1396	-32,12	-0,71
2572	Shell-Thin	SLE-ENVE	Max	0	0	0	35,9548	16,9498	2,7747	-0,48	11,61
2572	Shell-Thin	SLE-ENVE	Max	0	0	0	50,0009	20,7589	0,536	-0,48	13,17
2572	Shell-Thin	SLE-ENVE	Max	0	0	0	48,0768	18,1648	0,6345	-0,59	13,17
2572	Shell-Thin	SLE-ENVE	Max	0	0	0	33,5618	14,7481	2,8732	-0,59	11,61
2572	Shell-Thin	SLE-ENVE	Min	0	0	0	0,6068	-1,1728	-0,547	-17,95	-0,39
2572	Shell-Thin	SLE-ENVE	Min	0	0	0	7,3933	-0,2198	-0,5065	-17,95	-0,76
2572	Shell-Thin	SLE-ENVE	Min	0	0	0	7,5461	-0,1702	-0,5922	-18,54	-0,76
2572	Shell-Thin	SLE-ENVE	Min	0	0	0	0,6841	-1,2035	-0,6327	-18,54	-0,39
2573	Shell-Thin	SLU-ENVE	Max	0	0	0	58,6131	26,195	5,8874	3,65	42,12
2573	Shell-Thin	SLU-ENVE	Max	0	0	0	83,7391	32,1457	0,7132	3,65	34,94
2573	Shell-Thin	SLU-ENVE	Max	0	0	0	79,5611	25,0267	0,9165	3,34	34,94
2573	Shell-Thin	SLU-ENVE	Max	0	0	0	51,8233	17,2818	6,0907	3,34	42,12
2573	Shell-Thin	SLU-ENVE	Min	0	0	0	-4,2512	-3,2774	-1,3022	-32,22	-0,93
2573	Shell-Thin	SLU-ENVE	Min	0	0	0	6,0651	-1,8131	-1,1927	-32,22	-1,79
2573	Shell-Thin	SLU-ENVE	Min	0	0	0	6,4036	-1,6739	-1,3267	-35,49	-1,79
2573	Shell-Thin	SLU-ENVE	Min	0	0	0	-3,8761	-3,4455	-1,4362	-35,49	-0,93
2573	Shell-Thin	SLE-ENVE	Max	0	0	0	33,5629	14,7536	3,271	-0,64	23,4
2573	Shell-Thin	SLE-ENVE	Max	0	0	0	48,0779	18,1706	0,3965	-0,64	19,41
2573	Shell-Thin	SLE-ENVE	Max	0	0	0	45,7579	14,2162	0,5094	-0,81	19,41
2573	Shell-Thin	SLE-ENVE	Max	0	0	0	29,7898	9,8017	3,3839	-0,81	23,4
2573	Shell-Thin	SLE-ENVE	Min	0	0	0	0,683	-1,2092	-0,7234	-18,6	-0,52
2573	Shell-Thin	SLE-ENVE	Min	0	0	0	7,5463	-0,1694	-0,6623	-18,6	-0,99
2573	Shell-Thin	SLE-ENVE	Min	0	0	0	7,7352	-0,0916	-0,7367	-20,41	-0,99
2573	Shell-Thin	SLE-ENVE	Min	0	0	0	0,8908	-1,3023	-0,7979	-20,41	-0,52
2574	Shell-Thin	SLU-ENVE	Max	0	0	0	51,8338	17,3342	6,6766	3,25	44,55
2574	Shell-Thin	SLU-ENVE	Max	0	0	0	79,5638	25,0401	0,8983	3,25	37,35
2574	Shell-Thin	SLU-ENVE	Max	0	0	0	74,8223	17,5077	1,2635	2,91	37,35
2574	Shell-Thin	SLU-ENVE	Max	0	0	0	44,5348	8,0013	7,0418	2,91	44,55
2574	Shell-Thin	SLU-ENVE	Min	0	0	0	-3,8755	-3,4425	-1,5721	-36,12	-1,05
2574	Shell-Thin	SLU-ENVE	Min	0	0	0	6,403	-1,6767	-1,4365	-36,12	-2,08
2574	Shell-Thin	SLU-ENVE	Min	0	0	0	6,7937	-1,4682	-1,5466	-39,32	-2,08

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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
2574	Shell-Thin	SLU-ENVE	Min	0	0	0	-3,4237	-3,6023	-1,6822	-39,32	-1,05
2574	Shell-Thin	SLE-ENVE	Max	0	0	0	29,7956	9,8307	3,7098	-0,86	24,75
2574	Shell-Thin	SLE-ENVE	Max	0	0	0	45,7594	14,2235	0,499	-0,86	20,75
2574	Shell-Thin	SLE-ENVE	Max	0	0	0	43,1243	10,0393	0,7019	-1,05	20,75
2574	Shell-Thin	SLE-ENVE	Max	0	0	0	25,7409	4,6463	3,9126	-1,05	24,75
2574	Shell-Thin	SLE-ENVE	Min	0	0	0	0,8912	-1,3004	-0,8731	-20,77	-0,58
2574	Shell-Thin	SLE-ENVE	Min	0	0	0	7,7348	-0,0933	-0,7983	-20,77	-1,16
2574	Shell-Thin	SLE-ENVE	Min	0	0	0	7,9511	0,023	-0,8595	-22,54	-1,16
2574	Shell-Thin	SLE-ENVE	Min	0	0	0	1,1421	-1,3897	-0,9342	-22,54	-0,58
2575	Shell-Thin	SLU-ENVE	Max	0	0	0	87,7041	37,5908	0,5114	47,65	0,02928
2575	Shell-Thin	SLU-ENVE	Max	0	0	0	61,625	26,4386	0,522	47,65	0,73
2575	Shell-Thin	SLU-ENVE	Max	0	0	0	61,6282	26,2512	-0,0196	47,61	0,73
2575	Shell-Thin	SLU-ENVE	Max	0	0	0	87,6841	37,5883	-0,0098	47,61	0,02928
2575	Shell-Thin	SLU-ENVE	Min	0	0	0	0,4857	-4,2594	-0,0343	12,32	-0,04245
2575	Shell-Thin	SLU-ENVE	Min	0	0	0	-18,2909	-8,8661	-0,0479	12,32	-0,33
2575	Shell-Thin	SLU-ENVE	Min	0	0	0	-18,2874	-8,8422	-0,525	12,25	-0,33
2575	Shell-Thin	SLU-ENVE	Min	0	0	0	0,4756	-4,2458	-0,5356	12,25	-0,04245
2575	Shell-Thin	SLE-ENVE	Max	0	0	0	50,2903	21,1981	0,2839	27,21	0,01721
2575	Shell-Thin	SLE-ENVE	Max	0	0	0	35,3587	14,9137	0,2901	27,21	0,41
2575	Shell-Thin	SLE-ENVE	Max	0	0	0	35,36	14,809	-0,0114	27,19	0,41
2575	Shell-Thin	SLE-ENVE	Max	0	0	0	50,2801	21,1964	-0,006	27,19	0,01721
2575	Shell-Thin	SLE-ENVE	Min	0	0	0	6,0168	-1,2137	-0,0194	8,45	-0,02228
2575	Shell-Thin	SLE-ENVE	Min	0	0	0	-4,9989	-3,8903	-0,0267	8,45	-0,18
2575	Shell-Thin	SLE-ENVE	Min	0	0	0	-4,9972	-3,8767	-0,2916	8,42	-0,18
2575	Shell-Thin	SLE-ENVE	Min	0	0	0	6,0117	-1,2064	-0,2978	8,42	-0,02228
2576	Shell-Thin	SLU-ENVE	Max	0	0	0	87,6838	37,5868	0,0547	46,82	1,96
2576	Shell-Thin	SLU-ENVE	Max	0	0	0	61,621	26,2155	-0,0131	46,82	-0,48
2576	Shell-Thin	SLU-ENVE	Max	0	0	0	61,9086	29,0428	0,0305	43,72	-0,48
2576	Shell-Thin	SLU-ENVE	Max	0	0	0	86,1106	37,4767	0,0971	43,72	1,96
2576	Shell-Thin	SLU-ENVE	Min	0	0	0	0,4759	-4,2441	-1,0996	12,13	-0,76
2576	Shell-Thin	SLU-ENVE	Min	0	0	0	-18,2894	-8,8524	-2,0141	12,13	-9,79
2576	Shell-Thin	SLU-ENVE	Min	0	0	0	-18,0857	-8,6122	-2,8607	12,87	-9,79
2576	Shell-Thin	SLU-ENVE	Min	0	0	0	0,4918	-4,0838	-1,9462	12,87	-0,76
2576	Shell-Thin	SLE-ENVE	Max	0	0	0	50,2799	21,1956	0,0304	26,75	1,09
2576	Shell-Thin	SLE-ENVE	Max	0	0	0	35,356	14,7892	-0,0081	26,75	-0,26
2576	Shell-Thin	SLE-ENVE	Max	0	0	0	35,5167	16,3601	0,0162	25,03	-0,26
2576	Shell-Thin	SLE-ENVE	Max	0	0	0	49,4043	21,1339	0,0539	25,03	1,09
2576	Shell-Thin	SLE-ENVE	Min	0	0	0	6,0119	-1,2053	-0,6108	8,35	-0,42
2576	Shell-Thin	SLE-ENVE	Min	0	0	0	-4,9984	-3,8825	-1,1192	8,35	-5,44
2576	Shell-Thin	SLE-ENVE	Min	0	0	0	-4,8848	-3,7492	-1,5895	8,76	-5,44
2576	Shell-Thin	SLE-ENVE	Min	0	0	0	6,019	-1,1166	-1,0811	8,76	-0,42
2577	Shell-Thin	SLU-ENVE	Max	0	0	0	86,1087	37,4672	0,1241	42,3	12,39
2577	Shell-Thin	SLU-ENVE	Max	0	0	0	61,9061	29,0302	0,1397	42,3	5,27
2577	Shell-Thin	SLU-ENVE	Max	0	0	0	60,2923	28,5319	0,2295	40,21	5,27
2577	Shell-Thin	SLU-ENVE	Max	0	0	0	83,2386	35,1876	0,2341	40,21	12,39
2577	Shell-Thin	SLU-ENVE	Min	0	0	0	0,4914	-4,0857	-2,0605	12,59	-1,51
2577	Shell-Thin	SLU-ENVE	Min	0	0	0	-18,0848	-8,6078	-4,0246	12,59	-2,47
2577	Shell-Thin	SLU-ENVE	Min	0	0	0	-17,6424	-8,0582	-4,5162	13,27	-2,47
2577	Shell-Thin	SLU-ENVE	Min	0	0	0	0,5507	-3,776	-2,552	13,27	-1,51
2577	Shell-Thin	SLE-ENVE	Max	0	0	0	49,4033	21,1286	0,0686	24,24	6,88
2577	Shell-Thin	SLE-ENVE	Max	0	0	0	35,5153	16,3531	0,0772	24,24	2,93
2577	Shell-Thin	SLE-ENVE	Max	0	0	0	34,618	16,0758	0,1271	23,08	2,93

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**Table: Element Forces - Area Shells**

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
2577	Shell-Thin	SLE-ENVE	Max	0	0	0	47,8101	19,863	0,1297	23,08	6,88
2577	Shell-Thin	SLE-ENVE	Min	0	0	0	6,0188	-1,1177	-1,1449	8,6	-0,84
2577	Shell-Thin	SLE-ENVE	Min	0	0	0	-4,8843	-3,7467	-2,2358	8,6	-1,38
2577	Shell-Thin	SLE-ENVE	Min	0	0	0	-4,6394	-3,441	-2,509	8,98	-1,38
2577	Shell-Thin	SLE-ENVE	Min	0	0	0	6,0528	-0,9448	-1,418	8,98	-0,84
2578	Shell-Thin	SLU-ENVE	Max	0	0	0	83,2381	35,1849	0,2668	39,35	23,1
2578	Shell-Thin	SLU-ENVE	Max	0	0	0	60,2928	28,5345	0,448	39,35	19,7
2578	Shell-Thin	SLU-ENVE	Max	0	0	0	56,2964	24,8479	0,5839	40,02	19,7
2578	Shell-Thin	SLU-ENVE	Max	0	0	0	79,6402	30,6485	0,4027	40,02	23,1
2578	Shell-Thin	SLU-ENVE	Min	0	0	0	0,5503	-3,7779	-2,4137	13,16	-2,16
2578	Shell-Thin	SLU-ENVE	Min	0	0	0	-17,642	-8,0563	-5,3885	13,16	-3,19
2578	Shell-Thin	SLU-ENVE	Min	0	0	0	-16,9919	-7,3665	-5,6657	13,73	-3,19
2578	Shell-Thin	SLU-ENVE	Min	0	0	0	0,6357	-3,3454	-2,6909	13,73	-2,16
2578	Shell-Thin	SLE-ENVE	Max	0	0	0	47,8098	19,8615	0,1481	22,6	12,84
2578	Shell-Thin	SLE-ENVE	Max	0	0	0	34,6182	16,0772	0,2482	22,6	10,95
2578	Shell-Thin	SLE-ENVE	Max	0	0	0	32,3987	14,0296	0,3237	22,97	10,95
2578	Shell-Thin	SLE-ENVE	Max	0	0	0	45,8095	17,3405	0,2235	22,97	12,84
2578	Shell-Thin	SLE-ENVE	Min	0	0	0	6,0526	-0,9458	-1,3409	8,92	-1,19
2578	Shell-Thin	SLE-ENVE	Min	0	0	0	-4,6392	-3,44	-2,994	8,92	-1,77
2578	Shell-Thin	SLE-ENVE	Min	0	0	0	-4,2776	-3,0569	-3,1481	9,24	-1,77
2578	Shell-Thin	SLE-ENVE	Min	0	0	0	6,0983	-0,7063	-1,495	9,24	-1,19
2579	Shell-Thin	SLU-ENVE	Max	0	0	0	79,6412	30,6535	0,4068	40	33,83
2579	Shell-Thin	SLU-ENVE	Max	0	0	0	56,2983	24,8575	0,8116	40	39,28
2579	Shell-Thin	SLU-ENVE	Max	0	0	0	49,8389	16,6222	0,8912	43,82	39,28
2579	Shell-Thin	SLU-ENVE	Max	0	0	0	75,4721	23,7816	0,4864	43,82	33,83
2579	Shell-Thin	SLU-ENVE	Min	0	0	0	0,6355	-3,3462	-2,4992	13,96	-2,76
2579	Shell-Thin	SLU-ENVE	Min	0	0	0	-16,993	-7,3724	-6,3027	13,96	-4,18
2579	Shell-Thin	SLU-ENVE	Min	0	0	0	-16,1527	-6,4759	-6,5771	14,17	-4,18
2579	Shell-Thin	SLU-ENVE	Min	0	0	0	0,7971	-2,8047	-2,7735	14,17	-2,76
2579	Shell-Thin	SLE-ENVE	Max	0	0	0	45,81	17,3433	0,2255	22,96	18,79
2579	Shell-Thin	SLE-ENVE	Max	0	0	0	32,3998	14,035	0,4505	22,96	21,82
2579	Shell-Thin	SLE-ENVE	Max	0	0	0	28,8102	9,4598	0,4947	25,08	21,82
2579	Shell-Thin	SLE-ENVE	Max	0	0	0	43,4953	13,5262	0,2697	25,08	18,79
2579	Shell-Thin	SLE-ENVE	Min	0	0	0	6,0983	-0,7067	-1,3888	9,36	-1,54
2579	Shell-Thin	SLE-ENVE	Min	0	0	0	-4,2783	-3,0603	-3,5017	9,36	-2,32
2579	Shell-Thin	SLE-ENVE	Min	0	0	0	-3,8122	-2,5619	-3,6541	9,48	-2,32
2579	Shell-Thin	SLE-ENVE	Min	0	0	0	6,1891	-0,4053	-1,5412	9,48	-1,54
2580	Shell-Thin	SLU-ENVE	Max	0	0	0	75,4735	23,7888	0,5028	44,4	36,18
2580	Shell-Thin	SLU-ENVE	Max	0	0	0	49,8507	16,6815	0,9547	44,4	41,61
2580	Shell-Thin	SLU-ENVE	Max	0	0	0	42,8985	8,0465	0,9503	48,12	41,61
2580	Shell-Thin	SLU-ENVE	Max	0	0	0	70,7564	16,511	0,4985	48,12	36,18
2580	Shell-Thin	SLU-ENVE	Min	0	0	0	0,7961	-2,8097	-2,9022	14,5	-3,21
2580	Shell-Thin	SLU-ENVE	Min	0	0	0	-16,1505	-6,4652	-7,1456	14,5	-4,58
2580	Shell-Thin	SLU-ENVE	Min	0	0	0	-15,1672	-5,5066	-7,5689	14,73	-4,58
2580	Shell-Thin	SLU-ENVE	Min	0	0	0	1,0224	-2,1928	-3,3255	14,73	-3,21
2580	Shell-Thin	SLE-ENVE	Max	0	0	0	43,4961	13,5301	0,2792	25,41	20,1
2580	Shell-Thin	SLE-ENVE	Max	0	0	0	28,8168	9,4927	0,5296	25,41	23,12
2580	Shell-Thin	SLE-ENVE	Max	0	0	0	24,9547	4,696	0,5271	27,47	23,12
2580	Shell-Thin	SLE-ENVE	Max	0	0	0	40,8743	9,4873	0,2767	27,47	20,1
2580	Shell-Thin	SLE-ENVE	Min	0	0	0	6,1885	-0,4082	-1,6124	9,67	-1,79
2580	Shell-Thin	SLE-ENVE	Min	0	0	0	-3,811	-2,5558	-3,9703	9,67	-2,54
2580	Shell-Thin	SLE-ENVE	Min	0	0	0	-3,2649	-2,0234	-4,2055	9,79	-2,54



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**Table: Element Forces - Area Shells**

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
2580	Shell-Thin	SLE-ENVE	Min	0	0	0	6,313	-0,1359	-1,8475	9,79	-1,79
2581	Shell-Thin	SLU-ENVE	Max	0	0	0	61,8137	26,4764	0,7349	132,79	0,72
2581	Shell-Thin	SLU-ENVE	Max	0	0	0	-1,6905	6,9102	0,7794	132,79	1,21
2581	Shell-Thin	SLU-ENVE	Max	0	0	0	-1,6149	6,5865	-0,0014	132,49	1,21
2581	Shell-Thin	SLU-ENVE	Max	0	0	0	61,7395	26,2734	-0,0081	132,49	0,72
2581	Shell-Thin	SLU-ENVE	Min	0	0	0	-18,2515	-8,8582	-0,0272	24,77	-0,35
2581	Shell-Thin	SLU-ENVE	Min	0	0	0	-40,5532	-	-0,0205	24,77	0,35
								13,2244			
2581	Shell-Thin	SLU-ENVE	Min	0	0	0	-40,5229	-	-0,6666	24,58	0,35
								13,3675			
2581	Shell-Thin	SLU-ENVE	Min	0	0	0	-18,2841	-8,8415	-0,7111	24,58	-0,35
2581	Shell-Thin	SLE-ENVE	Max	0	0	0	35,4633	14,9346	0,4084	74,12	0,4
2581	Shell-Thin	SLE-ENVE	Max	0	0	0	0,0101	4,0292	0,4331	74,12	0,67
2581	Shell-Thin	SLE-ENVE	Max	0	0	0	0,0519	3,8504	-0,0013	73,95	0,67
2581	Shell-Thin	SLE-ENVE	Max	0	0	0	35,4224	14,8215	-0,0055	73,95	0,4
2581	Shell-Thin	SLE-ENVE	Min	0	0	0	-4,9769	-3,8859	-0,0157	16,23	-0,2
2581	Shell-Thin	SLE-ENVE	Min	0	0	0	-18,524	-6,5435	-0,0115	16,23	0,21
2581	Shell-Thin	SLE-ENVE	Min	0	0	0	-18,5066	-6,6246	-0,3702	16,13	0,21
2581	Shell-Thin	SLE-ENVE	Min	0	0	0	-4,9954	-3,8763	-0,3949	16,13	-0,2
2582	Shell-Thin	SLU-ENVE	Max	0	0	0	61,7324	26,2377	-0,0507	132,65	-0,37
2582	Shell-Thin	SLU-ENVE	Max	0	0	0	-1,5957	6,6825	0,0852	132,65	-1,62
2582	Shell-Thin	SLU-ENVE	Max	0	0	0	-1,5259	8,8707	0,113	133,25	-1,62
2582	Shell-Thin	SLU-ENVE	Max	0	0	0	62,1049	29,082	-0,0155	133,25	-0,37
2582	Shell-Thin	SLU-ENVE	Min	0	0	0	-18,2862	-8,8517	-2,0275	23,73	-10,91
2582	Shell-Thin	SLU-ENVE	Min	0	0	0	-40,5132	-	-2,2626	23,73	-9,51
								13,3187			
2582	Shell-Thin	SLU-ENVE	Min	0	0	0	-40,0948	-	-3,76	22,46	-9,51
								12,7248			
2582	Shell-Thin	SLU-ENVE	Min	0	0	0	-18,0283	-8,6007	-3,5249	22,46	-10,91
2582	Shell-Thin	SLE-ENVE	Max	0	0	0	35,4184	14,8017	-0,029	74,04	-0,2
2582	Shell-Thin	SLE-ENVE	Max	0	0	0	0,0625	3,9033	0,0462	74,04	-0,92
2582	Shell-Thin	SLE-ENVE	Max	0	0	0	0,1019	5,1173	0,0617	74,37	-0,92
2582	Shell-Thin	SLE-ENVE	Max	0	0	0	35,6251	16,3818	-0,0093	74,37	-0,2
2582	Shell-Thin	SLE-ENVE	Min	0	0	0	-4,9965	-3,8822	-1,1263	15,65	-6,06
2582	Shell-Thin	SLE-ENVE	Min	0	0	0	-18,5011	-6,5969	-1,2566	15,65	-5,29
2582	Shell-Thin	SLE-ENVE	Min	0	0	0	-18,2696	-6,2642	-2,0886	14,95	-5,29
2582	Shell-Thin	SLE-ENVE	Min	0	0	0	-4,8529	-3,7428	-1,9583	14,95	-6,06
2583	Shell-Thin	SLU-ENVE	Max	0	0	0	62,1024	29,0694	0,0028	133,51	3,34
2583	Shell-Thin	SLU-ENVE	Max	0	0	0	-1,5334	8,8335	0,3289	133,51	1,49
2583	Shell-Thin	SLU-ENVE	Max	0	0	0	-1,2787	8,7593	0,3698	129,38	1,49
2583	Shell-Thin	SLU-ENVE	Max	0	0	0	60,2938	28,5322	0,2158	129,38	3,34
2583	Shell-Thin	SLU-ENVE	Min	0	0	0	-18,0275	-8,5963	-4,8948	21,44	-3,23
2583	Shell-Thin	SLU-ENVE	Min	0	0	0	-40,0985	-	-5,4913	21,44	-3,28
								12,7433			
2583	Shell-Thin	SLU-ENVE	Min	0	0	0	-38,9486	-	-7,0504	20,05	-3,28
								12,1943			
2583	Shell-Thin	SLU-ENVE	Min	0	0	0	-17,6576	-8,0613	-6,4539	20,05	-3,23
2583	Shell-Thin	SLE-ENVE	Max	0	0	0	35,6237	16,3748	0,0004851	74,52	1,86
2583	Shell-Thin	SLE-ENVE	Max	0	0	0	0,0978	5,0968	0,1821	74,52	0,83
2583	Shell-Thin	SLE-ENVE	Max	0	0	0	0,2382	5,0563	0,2048	72,23	0,83
2583	Shell-Thin	SLE-ENVE	Max	0	0	0	34,6194	16,0761	0,1189	72,23	1,86
2583	Shell-Thin	SLE-ENVE	Min	0	0	0	-4,8524	-3,7403	-2,7193	14,38	-1,79
2583	Shell-Thin	SLE-ENVE	Min	0	0	0	-18,2717	-6,2748	-3,051	14,38	-1,82

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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
2583	Shell-Thin	SLE-ENVE	Min	0	0	0	-17,6312	-5,9709	-3,9173	13,61	-1,82
2583	Shell-Thin	SLE-ENVE	Min	0	0	0	-4,648	-3,4428	-3,5856	13,61	-1,79
2584	Shell-Thin	SLU-ENVE	Max	0	0	0	60,2943	28,5348	0,4905	128,77	17,66
2584	Shell-Thin	SLU-ENVE	Max	0	0	0	-1,2832	8,7369	0,4727	128,77	9,16
2584	Shell-Thin	SLU-ENVE	Max	0	0	0	-2,0313	7,1963	0,7437	122,48	9,16
2584	Shell-Thin	SLU-ENVE	Max	0	0	0	56,4052	24,8696	0,7644	122,48	17,66
2584	Shell-Thin	SLU-ENVE	Min	0	0	0	-17,6573	-8,0594	-7,5342	19,68	-4,17
2584	Shell-Thin	SLU-ENVE	Min	0	0	0	-38,9509	-	-9,0326	19,68	-5,57
								12,2055			
2584	Shell-Thin	SLU-ENVE	Min	0	0	0	-37,6577	-	-10,4356	21,33	-5,57
								11,1554			
2584	Shell-Thin	SLU-ENVE	Min	0	0	0	-16,9536	-7,3589	-8,9372	21,33	-4,17
2584	Shell-Thin	SLE-ENVE	Max	0	0	0	34,6197	16,0775	0,2723	71,89	9,81
2584	Shell-Thin	SLE-ENVE	Max	0	0	0	0,2357	5,0438	0,2613	71,89	5,09
2584	Shell-Thin	SLE-ENVE	Max	0	0	0	-0,1788	4,1873	0,4122	68,39	5,09
2584	Shell-Thin	SLE-ENVE	Max	0	0	0	32,4585	14,0416	0,4246	68,39	9,81
2584	Shell-Thin	SLE-ENVE	Min	0	0	0	-4,6478	-3,4417	-4,1861	13,4	-2,32
2584	Shell-Thin	SLE-ENVE	Min	0	0	0	-17,6324	-5,9771	-5,0183	13,4	-3,1
2584	Shell-Thin	SLE-ENVE	Min	0	0	0	-16,9159	-5,3925	-5,7978	14,32	-3,1
2584	Shell-Thin	SLE-ENVE	Min	0	0	0	-4,2563	-3,0526	-4,9656	14,32	-2,32
2585	Shell-Thin	SLU-ENVE	Max	0	0	0	56,4072	24,8793	1,01	120,7	37,07
2585	Shell-Thin	SLU-ENVE	Max	0	0	0	-2,0191	7,2574	1,0975	120,7	21,99
2585	Shell-Thin	SLU-ENVE	Max	0	0	0	-2,8947	2,7757	1,3052	109,37	21,99
2585	Shell-Thin	SLU-ENVE	Max	0	0	0	49,8655	16,6275	1,24	109,37	37,07
2585	Shell-Thin	SLU-ENVE	Min	0	0	0	-16,9547	-7,3648	-9,8938	21,69	-5,42
2585	Shell-Thin	SLU-ENVE	Min	0	0	0	-37,6527	-	-11,9232	21,69	-5,96
								11,1304			
2585	Shell-Thin	SLU-ENVE	Min	0	0	0	-35,8176	-10,107	-12,8854	24,59	-5,96
2585	Shell-Thin	SLU-ENVE	Min	0	0	0	-16,1637	-6,4781	-10,8559	24,59	-5,42
2585	Shell-Thin	SLE-ENVE	Max	0	0	0	32,4596	14,047	0,5604	67,4	20,59
2585	Shell-Thin	SLE-ENVE	Max	0	0	0	-0,1721	4,221	0,6098	67,4	12,21
2585	Shell-Thin	SLE-ENVE	Max	0	0	0	-0,6592	1,733	0,7253	61,11	12,21
2585	Shell-Thin	SLE-ENVE	Max	0	0	0	28,8255	9,4628	0,688	61,11	20,59
2585	Shell-Thin	SLE-ENVE	Min	0	0	0	-4,2569	-3,056	-5,497	14,52	-3,01
2585	Shell-Thin	SLE-ENVE	Min	0	0	0	-16,913	-5,3783	-6,6249	14,52	-3,3
2585	Shell-Thin	SLE-ENVE	Min	0	0	0	-15,8928	-4,8123	-7,1595	16,13	-3,3
2585	Shell-Thin	SLE-ENVE	Min	0	0	0	-3,8183	-2,5631	-6,0317	16,13	-3,01
2586	Shell-Thin	SLU-ENVE	Max	0	0	0	49,8774	16,6868	1,3208	107,07	39,01
2586	Shell-Thin	SLU-ENVE	Max	0	0	0	-2,9118	2,6905	1,4095	107,07	21,2
2586	Shell-Thin	SLU-ENVE	Max	0	0	0	-3,9952	-1,481	1,418	95,45	21,2
2586	Shell-Thin	SLU-ENVE	Max	0	0	0	42,9819	8,0632	1,2949	95,45	39,01
2586	Shell-Thin	SLU-ENVE	Min	0	0	0	-16,1616	-6,4674	-11,4321	25,78	-5,94
2586	Shell-Thin	SLU-ENVE	Min	0	0	0	-35,8274	-	-13,6904	25,78	-7,71
								10,1561			
2586	Shell-Thin	SLU-ENVE	Min	0	0	0	-33,8464	-8,7522	-14,0641	28,41	-7,71
2586	Shell-Thin	SLU-ENVE	Min	0	0	0	-15,1582	-5,5048	-11,8058	28,41	-5,94
2586	Shell-Thin	SLE-ENVE	Max	0	0	0	28,8321	9,4957	0,7328	59,83	21,67
2586	Shell-Thin	SLE-ENVE	Max	0	0	0	-0,6686	1,686	0,7821	59,83	11,78
2586	Shell-Thin	SLE-ENVE	Max	0	0	0	-1,2703	-0,6324	0,7865	53,37	11,78
2586	Shell-Thin	SLE-ENVE	Max	0	0	0	25,0009	4,7052	0,7186	53,37	21,67
2586	Shell-Thin	SLE-ENVE	Min	0	0	0	-3,8171	-2,557	-6,3518	16,79	-3,3
2586	Shell-Thin	SLE-ENVE	Min	0	0	0	-15,8983	-4,8402	-7,6065	16,79	-4,29
2586	Shell-Thin	SLE-ENVE	Min	0	0	0	-14,7985	-4,0585	-7,8141	18,25	-4,29

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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
2586	Shell-Thin	SLE-ENVE	Min	0	0	0	-3,2598	-2,0224	-6,5594	18,25	-3,3
2587	Shell-Thin	SLU-ENVE	Max	0	0	0	-2,1354	6,8212	0,9397	182,24	2,57
2587	Shell-Thin	SLU-ENVE	Max	0	0	0	-49,2913	-	-0,4578	182,24	0,42
								11,7319			
2587	Shell-Thin	SLU-ENVE	Max	0	0	0	-50,9883	-	-0,2059	196,33	0,42
								11,3099			
2587	Shell-Thin	SLU-ENVE	Max	0	0	0	-0,1637	6,8768	0,4294	196,33	2,57
2587	Shell-Thin	SLU-ENVE	Min	0	0	0	-40,7937	-	-0,1091	46,18	0,8
								13,2725			
2587	Shell-Thin	SLU-ENVE	Min	0	0	0	-91,1545	-17,303	-0,8543	46,18	-2,02
2587	Shell-Thin	SLU-ENVE	Min	0	0	0	-96,2282	-	-1,5081	50,88	-2,02
								16,6016			
2587	Shell-Thin	SLU-ENVE	Min	0	0	0	-39,7711	-	-0,1106	50,88	0,8
								13,2171			
2587	Shell-Thin	SLE-ENVE	Max	0	0	0	-0,2349	3,9802	0,5213	101,25	1,42
2587	Shell-Thin	SLE-ENVE	Max	0	0	0	-26,7076	-6,3841	-0,2497	101,25	0,23
2587	Shell-Thin	SLE-ENVE	Max	0	0	0	-27,7166	-6,1342	-0,1269	109,03	0,23
2587	Shell-Thin	SLE-ENVE	Max	0	0	0	0,853	4,0106	0,241	109,03	1,42
2587	Shell-Thin	SLE-ENVE	Min	0	0	0	-18,661	-6,5709	-0,0591	29,38	0,48
2587	Shell-Thin	SLE-ENVE	Min	0	0	0	-49,6936	-9,4223	-0,4814	29,38	-1,12
2587	Shell-Thin	SLE-ENVE	Min	0	0	0	-52,4929	-8,7663	-0,8341	32,18	-1,12
2587	Shell-Thin	SLE-ENVE	Min	0	0	0	-18,0809	-6,5395	-0,0631	32,18	0,48
2588	Shell-Thin	SLU-ENVE	Max	0	0	0	-0,1445	6,9727	-0,0483	197,38	-2,45
2588	Shell-Thin	SLU-ENVE	Max	0	0	0	-51,0138	-	1,4204	197,38	-2,46
								11,4373			
2588	Shell-Thin	SLU-ENVE	Max	0	0	0	-46,6949	-	1,9227	174,45	-2,46
								10,1735			
2588	Shell-Thin	SLU-ENVE	Max	0	0	0	-2,8069	8,6145	0,4128	174,45	-2,45
2588	Shell-Thin	SLU-ENVE	Min	0	0	0	-39,7614	-	-2,9508	51,02	-12,01
								13,1684			
2588	Shell-Thin	SLU-ENVE	Min	0	0	0	-96,3059	-	-0,5494	51,02	-15,86
								16,8021			
2588	Shell-Thin	SLU-ENVE	Min	0	0	0	-87,502	-	-1,8142	43,72	-15,86
								16,5411			
2588	Shell-Thin	SLU-ENVE	Min	0	0	0	-40,8083	-	-4,2156	43,72	-12,01
								12,8675			
2588	Shell-Thin	SLE-ENVE	Max	0	0	0	0,8636	4,0635	-0,0376	109,61	-1,4
2588	Shell-Thin	SLE-ENVE	Max	0	0	0	-27,7318	-6,2102	0,7946	109,61	-1,41
2588	Shell-Thin	SLE-ENVE	Max	0	0	0	-25,6573	-5,5529	1,0743	96,95	-1,41
2588	Shell-Thin	SLE-ENVE	Max	0	0	0	-0,6041	4,9761	0,2249	96,95	-1,4
2588	Shell-Thin	SLE-ENVE	Min	0	0	0	-18,0754	-6,5118	-1,6363	32,26	-6,67
2588	Shell-Thin	SLE-ENVE	Min	0	0	0	-52,5358	-8,9721	-0,3088	32,26	-8,81
2588	Shell-Thin	SLE-ENVE	Min	0	0	0	-47,6719	-8,8335	-1,0121	27,94	-8,81
2588	Shell-Thin	SLE-ENVE	Min	0	0	0	-18,6749	-6,3453	-2,3396	27,94	-6,67
2589	Shell-Thin	SLU-ENVE	Max	0	0	0	-2,8144	8,5773	1,3188	176,04	-2,07
2589	Shell-Thin	SLU-ENVE	Max	0	0	0	-46,6881	-	1,8053	176,04	4,92
								10,1287			
2589	Shell-Thin	SLU-ENVE	Max	0	0	0	-49,095	-	2,1442	188,99	4,92
								10,3362			
2589	Shell-Thin	SLU-ENVE	Max	0	0	0	0,3657	9,0881	1,6576	188,99	-2,07
2589	Shell-Thin	SLU-ENVE	Min	0	0	0	-40,812	-12,886	-4,6019	44,11	-4,45
2589	Shell-Thin	SLU-ENVE	Min	0	0	0	-87,487	-	-4,5904	44,11	0,62
								16,5156			
2589	Shell-Thin	SLU-ENVE	Min	0	0	0	-90,7844	-	-6,2637	49,39	0,62
								17,3988			

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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
2589	Shell-Thin	SLU-ENVE	Min	0	0	0	-38,2013	-	-6,2752	49,39	-4,45
								12,0448			
2589	Shell-Thin	SLE-ENVE	Max	0	0	0	-0,6082	4,9556	0,737	97,83	-1,15
2589	Shell-Thin	SLE-ENVE	Max	0	0	0	-25,6533	-5,5279	0,9996	97,83	2,69
2589	Shell-Thin	SLE-ENVE	Max	0	0	0	-26,6596	-5,6453	1,1869	104,95	2,69
2589	Shell-Thin	SLE-ENVE	Max	0	0	0	1,1463	5,2379	0,9244	104,95	-1,15
2589	Shell-Thin	SLE-ENVE	Min	0	0	0	-18,677	-6,3559	-2,56	28,17	-2,47
2589	Shell-Thin	SLE-ENVE	Min	0	0	0	-47,6637	-8,7921	-2,5487	28,17	0,42
2589	Shell-Thin	SLE-ENVE	Min	0	0	0	-49,4699	-9,4692	-3,4779	31,36	0,42
2589	Shell-Thin	SLE-ENVE	Min	0	0	0	-17,2074	-5,8861	-3,4893	31,36	-2,47
2590	Shell-Thin	SLU-ENVE	Max	0	0	0	0,3612	9,0657	1,0689	188,34	1,58
2590	Shell-Thin	SLU-ENVE	Max	0	0	0	-49,0921	-	3,346	188,34	-7,79
								10,2972			
2590	Shell-Thin	SLU-ENVE	Max	0	0	0	-43,5296	-8,2972	3,6587	158,23	-7,79
2590	Shell-Thin	SLU-ENVE	Max	0	0	0	-3,0731	6,988	1,3816	158,23	1,58
2590	Shell-Thin	SLU-ENVE	Min	0	0	0	-38,2035	-12,056	-9,6235	49,43	-7,65
2590	Shell-Thin	SLU-ENVE	Min	0	0	0	-90,7671	-	-6,2591	49,43	-17,29
								17,3125			
2590	Shell-Thin	SLU-ENVE	Min	0	0	0	-79,146	-	-7,7798	41,78	-17,29
								14,7546			
2590	Shell-Thin	SLU-ENVE	Min	0	0	0	-38,2863	-	-11,1442	41,78	-7,65
								11,2811			
2590	Shell-Thin	SLE-ENVE	Max	0	0	0	1,1438	5,2255	0,5883	104,59	0,88
2590	Shell-Thin	SLE-ENVE	Max	0	0	0	-26,658	-5,6236	1,8611	104,59	-4,49
2590	Shell-Thin	SLE-ENVE	Max	0	0	0	-23,8984	-4,5104	2,0339	87,93	-4,49
2590	Shell-Thin	SLE-ENVE	Max	0	0	0	-0,7519	4,0727	0,7611	87,93	0,88
2590	Shell-Thin	SLE-ENVE	Min	0	0	0	-17,2086	-5,8923	-5,3439	31,39	-4,26
2590	Shell-Thin	SLE-ENVE	Min	0	0	0	-49,4603	-9,4212	-3,4797	31,39	-9,56
2590	Shell-Thin	SLE-ENVE	Min	0	0	0	-43,0297	-7,964	-4,3242	26,87	-9,56
2590	Shell-Thin	SLE-ENVE	Min	0	0	0	-17,274	-5,4641	-6,1884	26,87	-4,26
2591	Shell-Thin	SLU-ENVE	Max	0	0	0	-3,0608	7,049	2,1764	155,92	13,45
2591	Shell-Thin	SLU-ENVE	Max	0	0	0	-43,5526	-8,45	3,5006	155,92	9,68
2591	Shell-Thin	SLU-ENVE	Max	0	0	0	-45,4754	-9,7156	3,8481	155,62	9,68
2591	Shell-Thin	SLU-ENVE	Max	0	0	0	-1,8165	2,9913	2,5239	155,62	13,45
2591	Shell-Thin	SLU-ENVE	Min	0	0	0	-38,2813	-	-11,4761	41,65	-7,7
								11,2561			
2591	Shell-Thin	SLU-ENVE	Min	0	0	0	-79,1886	-	-10,0873	41,65	-7,58
								14,8857			
2591	Shell-Thin	SLU-ENVE	Min	0	0	0	-77,7922	-	-11,0035	45,56	-7,58
								14,2905			
2591	Shell-Thin	SLU-ENVE	Min	0	0	0	-35,2523	-9,9939	-12,3924	45,56	-7,7
2591	Shell-Thin	SLE-ENVE	Max	0	0	0	-0,7451	4,1064	1,2115	86,66	7,46
2591	Shell-Thin	SLE-ENVE	Max	0	0	0	-23,9114	-4,5953	1,9365	86,66	5,38
2591	Shell-Thin	SLE-ENVE	Max	0	0	0	-24,6546	-5,2535	2,1302	86,41	5,38
2591	Shell-Thin	SLE-ENVE	Max	0	0	0	-0,0653	1,8518	1,4052	86,41	7,46
2591	Shell-Thin	SLE-ENVE	Min	0	0	0	-17,2712	-5,4499	-6,3786	26,79	-4,26
2591	Shell-Thin	SLE-ENVE	Min	0	0	0	-43,0533	-8,0819	-5,6004	26,79	-4,19
2591	Shell-Thin	SLE-ENVE	Min	0	0	0	-42,2502	-7,7515	-6,1101	29,23	-4,19
2591	Shell-Thin	SLE-ENVE	Min	0	0	0	-15,5707	-4,7479	-6,8883	29,23	-4,26
2592	Shell-Thin	SLU-ENVE	Max	0	0	0	-1,8336	2,9061	2,1563	152,15	10,03
2592	Shell-Thin	SLU-ENVE	Max	0	0	0	-45,4517	-9,5972	4,9985	152,15	4,46
2592	Shell-Thin	SLU-ENVE	Max	0	0	0	-41,7498	-9,1047	5,3313	124,09	4,46
2592	Shell-Thin	SLU-ENVE	Max	0	0	0	-4,4747	-1,5769	2,489	124,09	10,03

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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
2592	Shell-Thin	SLU-ENVE	Min	0	0	0	-35,2621	-10,043	-14,1031	45,56	-10,67
2592	Shell-Thin	SLU-ENVE	Min	0	0	0	-77,7241	-	-10,1516	45,56	-11,1
								13,9499			
2592	Shell-Thin	SLU-ENVE	Min	0	0	0	-66,3361	-	-10,2431	39,46	-11,1
								13,1498			
2592	Shell-Thin	SLU-ENVE	Min	0	0	0	-34,0723	-8,7974	-14,1946	39,46	-10,67
2592	Shell-Thin	SLE-ENVE	Max	0	0	0	-0,0747	1,8048	1,1933	84,48	5,58
2592	Shell-Thin	SLE-ENVE	Max	0	0	0	-24,6404	-5,1825	2,7805	84,48	2,48
2592	Shell-Thin	SLE-ENVE	Max	0	0	0	-22,5175	-4,9243	2,9663	68,95	2,48
2592	Shell-Thin	SLE-ENVE	Max	0	0	0	-1,5345	-0,6852	1,3791	68,95	5,58
2592	Shell-Thin	SLE-ENVE	Min	0	0	0	-15,5763	-4,7758	-7,8341	29,22	-5,94
2592	Shell-Thin	SLE-ENVE	Min	0	0	0	-42,2126	-7,5638	-5,6441	29,22	-6,18
2592	Shell-Thin	SLE-ENVE	Min	0	0	0	-35,9052	-7,1148	-5,6958	25,65	-6,18
2592	Shell-Thin	SLE-ENVE	Min	0	0	0	-14,9275	-4,0843	-7,8858	25,65	-5,94
2593	Shell-Thin	SLU-ENVE	Max	0	0	0	-48,9895	-	-1,9625	237,52	-2,84
								11,6716			
2593	Shell-Thin	SLU-ENVE	Max	0	0	0	-70,9391	-	-1,358	237,52	-59,11
								18,2739			
2593	Shell-Thin	SLU-ENVE	Max	0	0	0	-62,8491	1,2069	-0,0613	129,36	-59,11
2593	Shell-Thin	SLU-ENVE	Max	0	0	0	-51,7654	-	-0,6659	129,36	-2,84
								11,4653			
2593	Shell-Thin	SLU-ENVE	Min	0	0	0	-90,217	-17,163	-4,6139	67,98	-8,15
2593	Shell-Thin	SLU-ENVE	Min	0	0	0	-163,4225	-	-2,8349	67,98	-177,48
								44,9955			
2593	Shell-Thin	SLU-ENVE	Min	0	0	0	-139,2967	-4,0011	-1,2092	31,69	-177,48
2593	Shell-Thin	SLU-ENVE	Min	0	0	0	-98,5383	-	-2,9882	31,69	-8,15
								16,8478			
2593	Shell-Thin	SLE-ENVE	Max	0	0	0	-26,5272	-6,348	-1,154	131,56	-1,69
2593	Shell-Thin	SLE-ENVE	Max	0	0	0	-40,2844	-	-0,7941	131,56	-35,16
								10,4861			
2593	Shell-Thin	SLE-ENVE	Max	0	0	0	-35,4714	0,6497	-0,0431	71,89	-35,16
2593	Shell-Thin	SLE-ENVE	Max	0	0	0	-28,1782	-6,2265	-0,4069	71,89	-1,69
2593	Shell-Thin	SLE-ENVE	Min	0	0	0	-49,1765	-9,3189	-2,5444	42,87	-4,5
2593	Shell-Thin	SLE-ENVE	Min	0	0	0	-89,7195	-	-1,5629	42,87	-97,92
								24,7371			
2593	Shell-Thin	SLE-ENVE	Min	0	0	0	-76,4087	-1,9953	-0,6676	21,32	-97,92
2593	Shell-Thin	SLE-ENVE	Min	0	0	0	-53,7676	-9,0126	-1,6491	21,32	-4,5
2594	Shell-Thin	SLU-ENVE	Max	0	0	0	-51,7909	-	5,0354	138,55	-0,23
								11,5927			
2594	Shell-Thin	SLU-ENVE	Max	0	0	0	-62,7906	2,0057	3,8708	138,55	247,48
2594	Shell-Thin	SLU-ENVE	Max	0	0	0	-72,8308	-	4,1389	288,33	247,48
								23,5837			
2594	Shell-Thin	SLU-ENVE	Max	0	0	0	-45,0894	-9,7537	5,1214	288,33	-0,23
2594	Shell-Thin	SLU-ENVE	Min	0	0	0	-98,6161	-	2,4212	34,77	-11,08
								17,0483			
2594	Shell-Thin	SLU-ENVE	Min	0	0	0	-139,1063	-3,7086	2,0171	34,77	80,85
2594	Shell-Thin	SLU-ENVE	Min	0	0	0	-170,3328	-	1,8047	83,38	80,85
								61,8563			
2594	Shell-Thin	SLU-ENVE	Min	0	0	0	-84,9092	-	2,8956	83,38	-11,08
								16,2849			
2594	Shell-Thin	SLE-ENVE	Max	0	0	0	-28,1934	-6,3025	2,8018	76,96	-0,14
2594	Shell-Thin	SLE-ENVE	Max	0	0	0	-35,4365	1,0943	2,153	76,96	136,53
2594	Shell-Thin	SLE-ENVE	Max	0	0	0	-41,4483	-	2,3135	159,6	136,53
								13,6618			
2594	Shell-Thin	SLE-ENVE	Max	0	0	0	-24,7392	-5,3192	2,849	159,6	-0,14

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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
2594	Shell-Thin	SLE-ENVE	Min	0	0	0	-53,8105	-9,227	1,4124	23,11	-6,15
2594	Shell-Thin	SLE-ENVE	Min	0	0	0	-76,3036	-1,8207	1,1582	23,11	48,21
2594	Shell-Thin	SLE-ENVE	Min	0	0	0	-93,5253	-	0,9936	52,09	48,21
								34,0384			
2594	Shell-Thin	SLE-ENVE	Min	0	0	0	-46,2412	-8,5901	1,6697	52,09	-6,15
2595	Shell-Thin	SLU-ENVE	Max	0	0	0	-45,0826	-9,7089	1,029	287,5	-1,56
2595	Shell-Thin	SLU-ENVE	Max	0	0	0	-72,8383	-	3,1623	287,5	-83,19
								23,6208			
2595	Shell-Thin	SLU-ENVE	Max	0	0	0	-61,3051	4,5803	3,9911	138,2	-83,19
2595	Shell-Thin	SLU-ENVE	Max	0	0	0	-49,8891	-	1,8578	138,2	-1,56
								10,7033			
2595	Shell-Thin	SLU-ENVE	Min	0	0	0	-84,8942	-	-6,5538	83,4	-5,22
								16,2594			
2595	Shell-Thin	SLU-ENVE	Min	0	0	0	-170,347	-	-2,4326	83,4	-258,92
								61,9273			
2595	Shell-Thin	SLU-ENVE	Min	0	0	0	-133,8035	-3,8796	-3,0962	36,14	-258,92
2595	Shell-Thin	SLU-ENVE	Min	0	0	0	-93,1391	-	-7,2174	36,14	-5,22
								17,8697			
2595	Shell-Thin	SLE-ENVE	Max	0	0	0	-24,7352	-5,2943	0,5474	159,14	-0,76
2595	Shell-Thin	SLE-ENVE	Max	0	0	0	-41,4529	-	1,7435	159,14	-49,46
								13,6847			
2595	Shell-Thin	SLE-ENVE	Max	0	0	0	-34,6481	2,524	2,203	76,73	-49,46
2595	Shell-Thin	SLE-ENVE	Max	0	0	0	-27,133	-5,8497	1,0069	76,73	-0,76
2595	Shell-Thin	SLE-ENVE	Min	0	0	0	-46,233	-8,5754	-3,6261	52,09	-2,9
2595	Shell-Thin	SLE-ENVE	Min	0	0	0	-93,5331	-	-1,3434	52,09	-142,9
								34,0772			
2595	Shell-Thin	SLE-ENVE	Min	0	0	0	-73,3466	-1,9264	-1,7117	23,99	-142,9
2595	Shell-Thin	SLE-ENVE	Min	0	0	0	-50,7686	-9,7289	-3,9944	23,99	-2,9
2596	Shell-Thin	SLU-ENVE	Max	0	0	0	-49,8861	-	6,4684	135,77	-7,74
								10,6644			
2596	Shell-Thin	SLU-ENVE	Max	0	0	0	-61,3143	4,4596	7,4192	135,77	207,15
2596	Shell-Thin	SLU-ENVE	Max	0	0	0	-68,1583	-	8,386	249,82	207,15
								21,9275			
2596	Shell-Thin	SLU-ENVE	Max	0	0	0	-42,0558	-7,9104	7,4352	249,82	-7,74
2596	Shell-Thin	SLU-ENVE	Min	0	0	0	-93,1218	-	-0,4513	35,99	-21,04
								17,7835			
2596	Shell-Thin	SLU-ENVE	Min	0	0	0	-133,846	-3,926	1,5931	35,99	70,63
2596	Shell-Thin	SLU-ENVE	Min	0	0	0	-151,8584	-	1,5863	76,18	70,63
								54,3371			
2596	Shell-Thin	SLU-ENVE	Min	0	0	0	-76,9191	-14,529	-0,458	76,18	-21,04
2596	Shell-Thin	SLE-ENVE	Max	0	0	0	-27,1314	-5,828	3,6167	75,38	-4,4
2596	Shell-Thin	SLE-ENVE	Max	0	0	0	-34,6532	2,457	4,1342	75,38	114,14
2596	Shell-Thin	SLE-ENVE	Max	0	0	0	-38,8527	-12,744	4,6703	138,21	114,14
2596	Shell-Thin	SLE-ENVE	Max	0	0	0	-23,0535	-4,295	4,1529	138,21	-4,4
2596	Shell-Thin	SLE-ENVE	Min	0	0	0	-50,759	-9,681	-0,2664	23,91	-11,66
2596	Shell-Thin	SLE-ENVE	Min	0	0	0	-73,3702	-1,9522	0,8763	23,91	42,48
2596	Shell-Thin	SLE-ENVE	Min	0	0	0	-83,2614	-	0,8728	48,07	42,48
								29,8603			
2596	Shell-Thin	SLE-ENVE	Min	0	0	0	-41,8022	-7,7185	-0,2698	48,07	-11,66
2597	Shell-Thin	SLU-ENVE	Max	0	0	0	-42,0788	-8,0632	4,1192	253,43	-2,28
2597	Shell-Thin	SLU-ENVE	Max	0	0	0	-68,1411	-	7,3532	253,43	-79,32
								21,8414			
2597	Shell-Thin	SLU-ENVE	Max	0	0	0	-55,5946	1,2135	7,6705	111,56	-79,32
2597	Shell-Thin	SLU-ENVE	Max	0	0	0	-46,1387	-9,8483	4,4366	111,56	-2,28

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**Table: Element Forces - Area Shells**

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
2597	Shell-Thin	SLU-ENVE	Min	0	0	0	-76,9616	-	-8,7474	77,33	-21,83
								14,6201			
2597	Shell-Thin	SLU-ENVE	Min	0	0	0	-151,785	-	-1,9628	77,33	-229,28
								53,9703			
2597	Shell-Thin	SLU-ENVE	Min	0	0	0	-111,7888	-3,6622	-2,9664	30,12	-229,28
2597	Shell-Thin	SLU-ENVE	Min	0	0	0	-79,5258	-	-9,751	30,12	-21,83
								14,6372			
2597	Shell-Thin	SLE-ENVE	Max	0	0	0	-23,0665	-4,3799	2,2588	140,21	-1,27
2597	Shell-Thin	SLE-ENVE	Max	0	0	0	-38,8427	-	4,0691	140,21	-47,36
								12,6938			
2597	Shell-Thin	SLE-ENVE	Max	0	0	0	-31,4382	0,6543	4,2423	61,96	-47,36
2597	Shell-Thin	SLE-ENVE	Max	0	0	0	-25,0531	-5,3332	2,432	61,96	-1,27
2597	Shell-Thin	SLE-ENVE	Min	0	0	0	-41,8258	-7,8364	-4,8423	48,73	-12,11
2597	Shell-Thin	SLE-ENVE	Min	0	0	0	-83,2208	-	-1,0818	48,73	-126,42
								29,6573			
2597	Shell-Thin	SLE-ENVE	Min	0	0	0	-61,1268	-1,7297	-1,6376	20,79	-126,42
2597	Shell-Thin	SLE-ENVE	Min	0	0	0	-43,2045	-7,9424	-5,3982	20,79	-12,11
2598	Shell-Thin	SLU-ENVE	Max	0	0	0	-46,1151	-9,7298	8,1204	102,34	-0,87
2598	Shell-Thin	SLU-ENVE	Max	0	0	0	-55,6526	0,3933	9,9485	102,34	98,45
2598	Shell-Thin	SLU-ENVE	Max	0	0	0	-59,0483	-15,209	11,2455	154,9	98,45
2598	Shell-Thin	SLU-ENVE	Max	0	0	0	-41,4911	-9,053	9,4175	154,9	-0,87
2598	Shell-Thin	SLU-ENVE	Min	0	0	0	-79,4577	-	-4,2131	26,63	-19,39
								14,2966			
2598	Shell-Thin	SLU-ENVE	Min	0	0	0	-111,9821	-4,1287	0,074	26,63	42,69
2598	Shell-Thin	SLU-ENVE	Min	0	0	0	-113,983	-	1,5937	54,94	42,69
								31,4556			
2598	Shell-Thin	SLU-ENVE	Min	0	0	0	-65,69	-	-2,6934	54,94	-19,39
								13,0206			
2598	Shell-Thin	SLE-ENVE	Max	0	0	0	-25,0389	-5,2622	4,5262	56,88	-0,48
2598	Shell-Thin	SLE-ENVE	Max	0	0	0	-31,4729	0,1979	5,5309	56,88	54,02
2598	Shell-Thin	SLE-ENVE	Max	0	0	0	-33,6776	-8,7832	6,2635	85,66	54,02
2598	Shell-Thin	SLE-ENVE	Max	0	0	0	-22,3611	-4,893	5,2588	85,66	-0,48
2598	Shell-Thin	SLE-ENVE	Min	0	0	0	-43,167	-7,7547	-2,3521	18,8	-10,81
2598	Shell-Thin	SLE-ENVE	Min	0	0	0	-61,2335	-1,9403	0,0366	18,8	26,04
2598	Shell-Thin	SLE-ENVE	Min	0	0	0	-62,2525	-	0,8729	35,62	26,04
								17,2147			
2598	Shell-Thin	SLE-ENVE	Min	0	0	0	-35,55	-7,0438	-1,5158	35,62	-10,81
2599	Shell-Thin	SLU-ENVE	Max	0	0	0	-71,0336	-	3,9697	-107,06	-59,43
								18,2928			
2599	Shell-Thin	SLU-ENVE	Max	0	0	0	-49,7276	-8,7853	5,2227	-107,06	-10,81
2599	Shell-Thin	SLU-ENVE	Max	0	0	0	-52,2175	-6,6155	3,0529	-52,88	-10,81
2599	Shell-Thin	SLU-ENVE	Max	0	0	0	-62,6884	1,2811	1,7999	-52,88	-59,43
2599	Shell-Thin	SLU-ENVE	Min	0	0	0	-163,6868	-	0,8778	-292,58	-178,43
								45,0484			
2599	Shell-Thin	SLU-ENVE	Min	0	0	0	-103,4346	-	1,3039	-292,58	-31,2
								22,0035			
2599	Shell-Thin	SLU-ENVE	Min	0	0	0	-110,9604	-	1,4356	-130,46	-31,2
								15,7687			
2599	Shell-Thin	SLU-ENVE	Min	0	0	0	-138,7879	-3,969	1,0095	-130,46	-178,43
2599	Shell-Thin	SLE-ENVE	Max	0	0	0	-40,3398	-	2,1899	-60,98	-35,35
								10,4972			
2599	Shell-Thin	SLE-ENVE	Max	0	0	0	-28,1763	-5,0157	2,8812	-60,98	-6,42
2599	Shell-Thin	SLE-ENVE	Max	0	0	0	-29,6573	-3,7266	1,6851	-28,75	-6,42
2599	Shell-Thin	SLE-ENVE	Max	0	0	0	-35,375	0,691	0,9938	-28,75	-35,35

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**Table: Element Forces - Area Shells**

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
2599	Shell-Thin	SLE-ENVE	Min	0	0	0	-89,8655	-	0,5429	-161,02	-98,45
								24,7663			
2599	Shell-Thin	SLE-ENVE	Min	0	0	0	-56,7052	-	0,7966	-161,02	-17,21
								12,0655			
2599	Shell-Thin	SLE-ENVE	Min	0	0	0	-60,8577	-8,626	0,8368	-71,57	-17,21
2599	Shell-Thin	SLE-ENVE	Min	0	0	0	-76,1281	-1,976	0,5832	-71,57	-98,45
2600	Shell-Thin	SLU-ENVE	Max	0	0	0	-62,6299	2,0799	-0,1289	-56,45	248,16
2600	Shell-Thin	SLU-ENVE	Max	0	0	0	-52,2443	-6,7493	-0,4199	-56,45	25,69
2600	Shell-Thin	SLU-ENVE	Max	0	0	0	-47,9108	-9,1109	1,2698	-130,23	25,69
2600	Shell-Thin	SLU-ENVE	Max	0	0	0	-73,0526	-23,628	1,7677	-130,23	248,16
2600	Shell-Thin	SLU-ENVE	Min	0	0	0	-138,5974	-3,6764	-4,2173	-143,02	81,16
2600	Shell-Thin	SLU-ENVE	Min	0	0	0	-111,0451	-	-5,0946	-143,02	10,8
								16,1917			
2600	Shell-Thin	SLU-ENVE	Min	0	0	0	-97,1155	-	-3,7798	-374,9	10,8
								21,5175			
2600	Shell-Thin	SLU-ENVE	Min	0	0	0	-171,0446	-	-2,9025	-374,9	81,16
								61,9986			
2600	Shell-Thin	SLE-ENVE	Max	0	0	0	-35,3401	1,1356	-0,0975	-30,88	136,9
2600	Shell-Thin	SLE-ENVE	Max	0	0	0	-29,6732	-3,8064	-0,31	-30,88	14,13
2600	Shell-Thin	SLE-ENVE	Max	0	0	0	-27,1188	-5,2125	0,6742	-74,85	14,13
2600	Shell-Thin	SLE-ENVE	Max	0	0	0	-41,5797	-	0,9602	-74,85	136,9
								13,6881			
2600	Shell-Thin	SLE-ENVE	Min	0	0	0	-76,023	-1,8015	-2,3263	-78,5	48,4
2600	Shell-Thin	SLE-ENVE	Min	0	0	0	-60,9044	-8,8594	-2,8077	-78,5	6,48
2600	Shell-Thin	SLE-ENVE	Min	0	0	0	-53,2083	-	-2,0801	-206,46	6,48
								11,7908			
2600	Shell-Thin	SLE-ENVE	Min	0	0	0	-93,9184	-34,117	-1,5987	-206,46	48,4
2601	Shell-Thin	SLU-ENVE	Max	0	0	0	-73,06	-	6,7547	-129,49	-83,63
								23,6651			
2601	Shell-Thin	SLU-ENVE	Max	0	0	0	-47,9052	-9,0831	8,4105	-129,49	-9,95
2601	Shell-Thin	SLU-ENVE	Max	0	0	0	-50,3834	-7,6815	9,8399	-57,43	-9,95
2601	Shell-Thin	SLU-ENVE	Max	0	0	0	-61,1262	4,6742	8,4819	-57,43	-83,63
2601	Shell-Thin	SLU-ENVE	Min	0	0	0	-171,0588	-	4,0599	-374,93	-260,27
								62,0697			
2601	Shell-Thin	SLU-ENVE	Min	0	0	0	-97,0999	-	4,9284	-374,93	-37,19
								21,4395			
2601	Shell-Thin	SLU-ENVE	Min	0	0	0	-104,4511	-	5,8567	-149,38	-37,19
								15,6714			
2601	Shell-Thin	SLU-ENVE	Min	0	0	0	-133,301	-3,8438	4,9882	-149,38	-260,27
2601	Shell-Thin	SLE-ENVE	Max	0	0	0	-41,5843	-13,711	3,773	-74,41	-49,71
2601	Shell-Thin	SLE-ENVE	Max	0	0	0	-27,1153	-5,1954	4,6763	-74,41	-5,81
2601	Shell-Thin	SLE-ENVE	Max	0	0	0	-28,6439	-4,3644	5,4943	-31,55	-5,81
2601	Shell-Thin	SLE-ENVE	Max	0	0	0	-34,5406	2,5763	4,7327	-31,55	-49,71
2601	Shell-Thin	SLE-ENVE	Min	0	0	0	-93,9262	-	2,3008	-206,48	-143,65
								34,1558			
2601	Shell-Thin	SLE-ENVE	Min	0	0	0	-53,1997	-	2,7988	-206,48	-20,58
								11,7479			
2601	Shell-Thin	SLE-ENVE	Min	0	0	0	-57,2394	-8,5587	3,3152	-82	-20,58
2601	Shell-Thin	SLE-ENVE	Min	0	0	0	-73,0698	-1,9049	2,8172	-82	-143,65
2602	Shell-Thin	SLU-ENVE	Max	0	0	0	-61,1355	4,5536	6,3358	-56,42	207,9
2602	Shell-Thin	SLU-ENVE	Max	0	0	0	-50,3806	-7,6676	6,97	-56,42	9,56
2602	Shell-Thin	SLU-ENVE	Max	0	0	0	-45,0752	-8,8381	8,1978	-119,06	9,56
2602	Shell-Thin	SLU-ENVE	Max	0	0	0	-68,3573	-	7,5636	-119,06	207,9
								21,9673			



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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
2602	Shell-Thin	SLU-ENVE	Min	0	0	0	-133,3435	-3,8902	-0,276	-146,84	70,7
2602	Shell-Thin	SLU-ENVE	Min	0	0	0	-104,4351	-	1,1174	-146,84	3,07
								15,5917			
2602	Shell-Thin	SLU-ENVE	Min	0	0	0	-88,3199	-18,798	1,6911	-323,11	3,07
2602	Shell-Thin	SLU-ENVE	Min	0	0	0	-152,4828	-54,462	0,2977	-323,11	70,7
2602	Shell-Thin	SLE-ENVE	Max	0	0	0	-34,5457	2,5092	3,4976	-30,99	114,55
2602	Shell-Thin	SLE-ENVE	Max	0	0	0	-28,6424	-4,3566	3,8429	-30,99	5,33
2602	Shell-Thin	SLE-ENVE	Max	0	0	0	-25,5429	-5,0593	4,5252	-68,62	5,33
2602	Shell-Thin	SLE-ENVE	Max	0	0	0	-38,9715	-	4,1798	-68,62	114,55
								12,7677			
2602	Shell-Thin	SLE-ENVE	Min	0	0	0	-73,0934	-1,9307	-0,14	-80,59	42,53
2602	Shell-Thin	SLE-ENVE	Min	0	0	0	-57,2306	-8,5144	0,6386	-80,59	1,99
2602	Shell-Thin	SLE-ENVE	Min	0	0	0	-48,3217	-	0,957	-177,69	1,99
								10,2804			
2602	Shell-Thin	SLE-ENVE	Min	0	0	0	-83,6059	-	0,1783	-177,69	42,53
								29,9292			
2603	Shell-Thin	SLU-ENVE	Max	0	0	0	-68,3401	-	11,7866	-119,6	-79,9
								21,8812			
2603	Shell-Thin	SLU-ENVE	Max	0	0	0	-45,0868	-8,8961	14,0101	-119,6	-14,85
2603	Shell-Thin	SLU-ENVE	Max	0	0	0	-46,1618	-6,7914	15,4685	-49,76	-14,85
2603	Shell-Thin	SLU-ENVE	Max	0	0	0	-55,4478	1,2772	13,245	-49,76	-79,9
2603	Shell-Thin	SLU-ENVE	Min	0	0	0	-152,4094	-	6,8054	-326,77	-229,94
								54,0952			
2603	Shell-Thin	SLU-ENVE	Min	0	0	0	-88,3652	-	8,0926	-326,77	-42,02
								19,0248			
2603	Shell-Thin	SLU-ENVE	Min	0	0	0	-91,0651	-	8,9263	-108,21	-42,02
								14,1363			
2603	Shell-Thin	SLU-ENVE	Min	0	0	0	-111,3978	-3,6197	7,6391	-108,21	-229,94
2603	Shell-Thin	SLE-ENVE	Max	0	0	0	-38,9614	-	6,5682	-68,95	-47,7
								12,7175			
2603	Shell-Thin	SLE-ENVE	Max	0	0	0	-25,5496	-5,0931	7,8129	-68,95	-8,73
2603	Shell-Thin	SLE-ENVE	Max	0	0	0	-26,2935	-3,8298	8,6271	-27,17	-8,73
2603	Shell-Thin	SLE-ENVE	Max	0	0	0	-31,3495	0,6898	7,3824	-27,17	-47,7
2603	Shell-Thin	SLE-ENVE	Min	0	0	0	-83,5653	-	3,8269	-179,72	-126,78
								29,7262			
2603	Shell-Thin	SLE-ENVE	Min	0	0	0	-48,3468	-10,406	4,5626	-179,72	-23,21
2603	Shell-Thin	SLE-ENVE	Min	0	0	0	-49,804	-7,7175	5,0347	-59,16	-23,21
2603	Shell-Thin	SLE-ENVE	Min	0	0	0	-60,9117	-1,712	4,299	-59,16	-126,78
2604	Shell-Thin	SLU-ENVE	Max	0	0	0	-55,5058	0,457	11,4103	-45,53	99,32
2604	Shell-Thin	SLU-ENVE	Max	0	0	0	-46,1372	-6,6685	12,6473	-45,53	4,02
2604	Shell-Thin	SLU-ENVE	Max	0	0	0	-41,585	-8,2428	12,0651	-86,34	4,02
2604	Shell-Thin	SLU-ENVE	Max	0	0	0	-59,1165	-	10,8281	-86,34	99,32
								15,2227			
2604	Shell-Thin	SLU-ENVE	Min	0	0	0	-111,5911	-4,0862	4,0369	-94,43	42,72
2604	Shell-Thin	SLU-ENVE	Min	0	0	0	-90,989	-	6,8046	-94,43	0,7
								13,7556			
2604	Shell-Thin	SLU-ENVE	Min	0	0	0	-78,3432	-	4,6585	-170,27	0,7
								17,8862			
2604	Shell-Thin	SLU-ENVE	Min	0	0	0	-114,1145	-	1,8908	-170,27	42,72
								31,4819			
2604	Shell-Thin	SLE-ENVE	Max	0	0	0	-31,3842	0,2333	6,3269	-24,66	54,49
2604	Shell-Thin	SLE-ENVE	Max	0	0	0	-26,2788	-3,7561	7,0064	-24,66	2,43
2604	Shell-Thin	SLE-ENVE	Max	0	0	0	-23,6518	-4,7142	6,6677	-49,47	2,43
2604	Shell-Thin	SLE-ENVE	Max	0	0	0	-33,7185	-8,7914	5,9881	-49,47	54,49

AUTOSTRADA VALDASTICO A31 NORD  
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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
2604	Shell-Thin	SLE-ENVE	Min	0	0	0	-61,0184	-1,9161	2,2485	-51,55	26,07
2604	Shell-Thin	SLE-ENVE	Min	0	0	0	-49,762	-7,5075	3,791	-51,55	0,42
2604	Shell-Thin	SLE-ENVE	Min	0	0	0	-42,7649	-9,778	2,6081	-93,07	0,42
2604	Shell-Thin	SLE-ENVE	Min	0	0	0	-62,3247	-	1,0656	-93,07	26,07
								17,2292			
2605	Shell-Thin	SLU-ENVE	Max	0	0	0	-49,9741	-8,8346	0,9959	-82,76	-8,32
2605	Shell-Thin	SLU-ENVE	Max	0	0	0	11,2165	14,0323	-0,6695	-82,76	6,74
2605	Shell-Thin	SLU-ENVE	Max	0	0	0	12,1389	13,6198	0,608	-86,94	6,74
2605	Shell-Thin	SLU-ENVE	Max	0	0	0	-51,488	-6,4696	1,8879	-86,94	-8,32
2605	Shell-Thin	SLU-ENVE	Min	0	0	0	-104,1752	-	-0,0993	-188,9	-23,95
								22,1516			
2605	Shell-Thin	SLU-ENVE	Min	0	0	0	-11,5116	5,1334	-0,9492	-188,9	1,93
2605	Shell-Thin	SLU-ENVE	Min	0	0	0	-10,2891	4,2849	0,2171	-201,59	1,93
2605	Shell-Thin	SLU-ENVE	Min	0	0	0	-108,756	-	1,0372	-201,59	-23,95
								15,3278			
2605	Shell-Thin	SLE-ENVE	Max	0	0	0	-28,3247	-5,0453	0,5471	-46,02	-4,94
2605	Shell-Thin	SLE-ENVE	Max	0	0	0	5,151	7,5804	-0,3699	-46,02	3,72
2605	Shell-Thin	SLE-ENVE	Max	0	0	0	5,6742	7,3473	0,336	-48,52	3,72
2605	Shell-Thin	SLE-ENVE	Max	0	0	0	-29,2249	-3,6367	1,0442	-48,52	-4,94
2605	Shell-Thin	SLE-ENVE	Min	0	0	0	-57,1133	-	-0,0314	-103,84	-13,21
								12,1471			
2605	Shell-Thin	SLE-ENVE	Min	0	0	0	-6,563	2,8912	-0,5261	-103,84	1,15
2605	Shell-Thin	SLE-ENVE	Min	0	0	0	-6,2178	2,4222	0,1224	-110,84	1,15
2605	Shell-Thin	SLE-ENVE	Min	0	0	0	-59,6408	-8,3826	0,5938	-110,84	-13,21
2606	Shell-Thin	SLU-ENVE	Max	0	0	0	-51,5148	-6,6034	1,6988	-87,29	18,58
2606	Shell-Thin	SLU-ENVE	Max	0	0	0	12,1471	13,6606	3,4175	-87,29	-2,05
2606	Shell-Thin	SLU-ENVE	Max	0	0	0	10,6405	15,6692	5,1732	-79,96	-2,05
2606	Shell-Thin	SLU-ENVE	Max	0	0	0	-48,6412	-9,257	3,552	-79,96	18,58
2606	Shell-Thin	SLU-ENVE	Min	0	0	0	-108,8406	-	-0,1506	-203,91	8,43
								15,7508			
2606	Shell-Thin	SLU-ENVE	Min	0	0	0	-10,284	4,3505	2,25	-203,91	-24,75
2606	Shell-Thin	SLU-ENVE	Min	0	0	0	-11,7656	5,7273	3,4571	-181,12	-24,75
2606	Shell-Thin	SLU-ENVE	Min	0	0	0	-99,4792	-	1,2735	-181,12	8,43
								21,9902			
2606	Shell-Thin	SLE-ENVE	Max	0	0	0	-29,2409	-3,7199	0,9342	-48,73	10,21
2606	Shell-Thin	SLE-ENVE	Max	0	0	0	5,6789	7,3705	1,8994	-48,73	-1,25
2606	Shell-Thin	SLE-ENVE	Max	0	0	0	4,8248	8,4928	2,8745	-44,4	-1,25
2606	Shell-Thin	SLE-ENVE	Max	0	0	0	-27,5557	-5,2999	1,9627	-44,4	10,21
2606	Shell-Thin	SLE-ENVE	Min	0	0	0	-59,6875	-8,6161	-0,0772	-112,13	5,05
2606	Shell-Thin	SLE-ENVE	Min	0	0	0	-6,2147	2,4584	1,2582	-112,13	-13,72
2606	Shell-Thin	SLE-ENVE	Min	0	0	0	-6,691	3,0871	1,9269	-99,54	-13,72
2606	Shell-Thin	SLE-ENVE	Min	0	0	0	-54,5124	-	0,7143	-99,54	5,05
								12,0516			
2607	Shell-Thin	SLU-ENVE	Max	0	0	0	-48,6357	-9,2291	6,8589	-79,93	-7,06
2607	Shell-Thin	SLU-ENVE	Max	0	0	0	10,6362	15,6479	6,3061	-79,93	7,05
2607	Shell-Thin	SLU-ENVE	Max	0	0	0	11,5389	14,7461	8,4339	-84,66	7,05
2607	Shell-Thin	SLU-ENVE	Max	0	0	0	-49,6133	-7,5275	8,9867	-84,66	-7,06
2607	Shell-Thin	SLU-ENVE	Min	0	0	0	-99,4636	-	4,2846	-183	-25,99
								21,9122			
2607	Shell-Thin	SLU-ENVE	Min	0	0	0	-11,7779	5,7132	4,4103	-183	2,06
2607	Shell-Thin	SLU-ENVE	Min	0	0	0	-9,6865	4,5669	5,6124	-194,88	2,06
2607	Shell-Thin	SLU-ENVE	Min	0	0	0	-102,2422	-	5,4867	-194,88	-25,99
								15,2296			
2607	Shell-Thin	SLE-ENVE	Max	0	0	0	-27,5522	-5,2828	3,8157	-44,4	-4,13

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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
2607	Shell-Thin	SLE-ENVE	Max	0	0	0	4,8224	8,4807	3,498	-44,4	3,92
2607	Shell-Thin	SLE-ENVE	Max	0	0	0	5,3444	7,9738	4,6809	-47,3	3,92
2607	Shell-Thin	SLE-ENVE	Max	0	0	0	-28,1857	-4,2727	4,9986	-47,3	-4,13
2607	Shell-Thin	SLE-ENVE	Min	0	0	0	-54,5039	-	2,3925	-100,58	-14,38
								12,0088			
2607	Shell-Thin	SLE-ENVE	Min	0	0	0	-6,6927	3,0785	2,4389	-100,58	1,12
2607	Shell-Thin	SLE-ENVE	Min	0	0	0	-5,8758	2,4289	3,1086	-107,1	1,12
2607	Shell-Thin	SLE-ENVE	Min	0	0	0	-56,0211	-8,315	3,0622	-107,1	-14,38
2608	Shell-Thin	SLU-ENVE	Max	0	0	0	-49,6105	-7,5135	9,7267	-83,87	9,36
2608	Shell-Thin	SLU-ENVE	Max	0	0	0	11,5379	14,7412	11,2531	-83,87	5,4
2608	Shell-Thin	SLU-ENVE	Max	0	0	0	8,366	12,627	13,1428	-75,08	5,4
2608	Shell-Thin	SLU-ENVE	Max	0	0	0	-45,75	-8,9731	11,6163	-75,08	9,36
2608	Shell-Thin	SLU-ENVE	Min	0	0	0	-102,2262	-	5,6956	-193,88	2,67
								15,1499			
2608	Shell-Thin	SLU-ENVE	Min	0	0	0	-9,6872	4,5634	7,2781	-193,88	-2,35
2608	Shell-Thin	SLU-ENVE	Min	0	0	0	-13,2355	3,6856	8,2827	-161	-2,35
2608	Shell-Thin	SLU-ENVE	Min	0	0	0	-90,4006	-	6,7002	-161	2,67
								19,2142			
2608	Shell-Thin	SLE-ENVE	Max	0	0	0	-28,1841	-4,265	5,3963	-46,86	5,14
2608	Shell-Thin	SLE-ENVE	Max	0	0	0	5,3439	7,9711	6,2553	-46,86	2,96
2608	Shell-Thin	SLE-ENVE	Max	0	0	0	3,5615	6,8023	7,3058	-41,71	2,96
2608	Shell-Thin	SLE-ENVE	Max	0	0	0	-25,9488	-5,1405	6,4468	-41,71	5,14
2608	Shell-Thin	SLE-ENVE	Min	0	0	0	-56,0122	-8,2707	3,1493	-106,55	1,7
2608	Shell-Thin	SLE-ENVE	Min	0	0	0	-5,8762	2,427	4,0522	-106,55	-1,31
2608	Shell-Thin	SLE-ENVE	Min	0	0	0	-7,142	1,952	4,6122	-88,36	-1,31
2608	Shell-Thin	SLE-ENVE	Min	0	0	0	-49,4687	-	3,7093	-88,36	1,7
								10,5098			
2609	Shell-Thin	SLU-ENVE	Max	0	0	0	-45,7616	-9,031	14,3202	-73,97	-10,73
2609	Shell-Thin	SLU-ENVE	Max	0	0	0	8,3724	12,6592	14,3398	-73,97	28,68
2609	Shell-Thin	SLU-ENVE	Max	0	0	0	7,1501	6,9715	15,6217	-76,5	28,68
2609	Shell-Thin	SLU-ENVE	Max	0	0	0	-45,5559	-6,6702	15,6021	-76,5	-10,73
2609	Shell-Thin	SLU-ENVE	Min	0	0	0	-90,446	-19,441	8,2319	-158,68	-22,87
2609	Shell-Thin	SLU-ENVE	Min	0	0	0	-13,2214	3,6991	8,8772	-158,68	5,62
2609	Shell-Thin	SLU-ENVE	Min	0	0	0	-14,0986	0,0827	9,596	-154,95	5,62
2609	Shell-Thin	SLU-ENVE	Min	0	0	0	-89,4566	-	8,9507	-154,95	-22,87
								13,8146			
2609	Shell-Thin	SLE-ENVE	Max	0	0	0	-25,9556	-5,1743	7,9648	-41,07	-6,33
2609	Shell-Thin	SLE-ENVE	Max	0	0	0	3,5652	6,8205	7,9626	-41,07	15,9
2609	Shell-Thin	SLE-ENVE	Max	0	0	0	2,9036	3,6541	8,6737	-42,73	15,9
2609	Shell-Thin	SLE-ENVE	Max	0	0	0	-25,9299	-3,757	8,6759	-42,73	-6,33
2609	Shell-Thin	SLE-ENVE	Min	0	0	0	-49,4938	-	4,5952	-87,07	-12,63
								10,6354			
2609	Shell-Thin	SLE-ENVE	Min	0	0	0	-7,1342	1,9602	4,9249	-87,07	3,24
2609	Shell-Thin	SLE-ENVE	Min	0	0	0	-7,6323	0,0874	5,3223	-84,93	3,24
2609	Shell-Thin	SLE-ENVE	Min	0	0	0	-48,9182	-7,5404	4,9926	-84,93	-12,63
2610	Shell-Thin	SLU-ENVE	Max	0	0	0	-45,5313	-6,5473	15,299	-74,97	11,59
2610	Shell-Thin	SLU-ENVE	Max	0	0	0	7,1437	6,939	16,9851	-74,97	17,95
2610	Shell-Thin	SLU-ENVE	Max	0	0	0	3,7633	1,905	17,3004	-67,92	17,95
2610	Shell-Thin	SLU-ENVE	Max	0	0	0	-41,8287	-8,2915	15,6143	-67,92	11,59
2610	Shell-Thin	SLU-ENVE	Min	0	0	0	-89,3804	-	8,6838	-149,83	2,92
								13,4338			
2610	Shell-Thin	SLU-ENVE	Min	0	0	0	-14,1072	0,0395	10,5552	-149,83	1,57
2610	Shell-Thin	SLU-ENVE	Min	0	0	0	-18,7907	-6,1094	10,9082	-119,44	1,57

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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
2610	Shell-Thin	SLU-ENVE	Min	0	0	0	-78,8688	-	9,0368	-119,44	2,92
								17,9913			
2610	Shell-Thin	SLE-ENVE	Max	0	0	0	-25,9151	-3,6833	8,4897	-41,86	6,34
2610	Shell-Thin	SLE-ENVE	Max	0	0	0	2,8999	3,6356	9,4367	-41,86	10
2610	Shell-Thin	SLE-ENVE	Max	0	0	0	1,0116	0,7845	9,6089	-37,78	10
2610	Shell-Thin	SLE-ENVE	Max	0	0	0	-23,7987	-4,7436	8,6619	-37,78	6,34
2610	Shell-Thin	SLE-ENVE	Min	0	0	0	-48,8762	-7,3304	4,8058	-82,09	1,87
2610	Shell-Thin	SLE-ENVE	Min	0	0	0	-7,6371	0,0637	5,8675	-82,09	0,8
2610	Shell-Thin	SLE-ENVE	Min	0	0	0	-10,2321	-3,3549	6,0574	-65,25	0,8
2610	Shell-Thin	SLE-ENVE	Min	0	0	0	-43,0536	-9,8358	4,9957	-65,25	1,87
2611	Shell-Thin	SLU-ENVE	Max	0	0	0	11,4996	14,0889	-0,7889	-78,34	5,28
2611	Shell-Thin	SLU-ENVE	Max	0	0	0	63,2684	32,1146	-0,8142	-78,34	0,47
2611	Shell-Thin	SLU-ENVE	Max	0	0	0	63,3419	32,0015	0,8509	-78,83	0,47
2611	Shell-Thin	SLU-ENVE	Max	0	0	0	11,2499	13,442	0,8926	-78,83	5,28
2611	Shell-Thin	SLU-ENVE	Min	0	0	0	-11,066	5,2225	-1,0203	-120,08	1,44
2611	Shell-Thin	SLU-ENVE	Min	0	0	0	25,5235	20,017	-1,0621	-120,08	-0,47
2611	Shell-Thin	SLU-ENVE	Min	0	0	0	25,5928	20,1474	0,6486	-120,97	-0,47
2611	Shell-Thin	SLU-ENVE	Min	0	0	0	-11,5726	3,9195	0,6739	-120,97	1,44
2611	Shell-Thin	SLE-ENVE	Max	0	0	0	5,3124	7,6126	-0,4373	-42,43	2,92
2611	Shell-Thin	SLE-ENVE	Max	0	0	0	32,3302	17,2754	-0,452	-42,43	0,26
2611	Shell-Thin	SLE-ENVE	Max	0	0	0	32,372	17,2138	0,4732	-42,72	0,26
2611	Shell-Thin	SLE-ENVE	Max	0	0	0	5,1708	7,2466	0,4965	-42,72	2,92
2611	Shell-Thin	SLE-ENVE	Min	0	0	0	-6,4734	2,9402	-0,5662	-65,52	0,86
2611	Shell-Thin	SLE-ENVE	Min	0	0	0	13,1155	10,9057	-0,5894	-65,52	-0,27
2611	Shell-Thin	SLE-ENVE	Min	0	0	0	13,1563	10,9809	0,3611	-66,01	-0,27
2611	Shell-Thin	SLE-ENVE	Min	0	0	0	-6,5761	2,2204	0,3758	-66,01	0,86
2612	Shell-Thin	SLU-ENVE	Max	0	0	0	11,258	13,4828	2,9781	-78,68	-0,65
2612	Shell-Thin	SLU-ENVE	Max	0	0	0	63,337	31,977	2,6913	-78,68	3,15
2612	Shell-Thin	SLU-ENVE	Max	0	0	0	63,3095	34,4071	4,6422	-76,53	3,15
2612	Shell-Thin	SLU-ENVE	Max	0	0	0	11,4325	15,8276	4,9291	-76,53	-0,65
2612	Shell-Thin	SLU-ENVE	Min	0	0	0	-11,5595	3,9851	2,1868	-121,09	-20,5
2612	Shell-Thin	SLU-ENVE	Min	0	0	0	25,5937	20,1518	2,1061	-121,09	-9,05
2612	Shell-Thin	SLU-ENVE	Min	0	0	0	24,9065	19,4047	3,5329	-119,22	-9,05
2612	Shell-Thin	SLU-ENVE	Min	0	0	0	-10,5068	5,8408	3,6135	-119,22	-20,5
2612	Shell-Thin	SLE-ENVE	Max	0	0	0	5,1754	7,2698	1,655	-42,63	-0,45
2612	Shell-Thin	SLE-ENVE	Max	0	0	0	32,3693	17,2001	1,4957	-42,63	1,76
2612	Shell-Thin	SLE-ENVE	Max	0	0	0	32,3526	18,5488	2,5794	-41,41	1,76
2612	Shell-Thin	SLE-ENVE	Max	0	0	0	5,276	8,583	2,7387	-41,41	-0,45
2612	Shell-Thin	SLE-ENVE	Min	0	0	0	-6,573	2,2566	1,2171	-66,08	-11,36
2612	Shell-Thin	SLE-ENVE	Min	0	0	0	13,1567	10,9831	1,1726	-66,08	-5,02
2612	Shell-Thin	SLE-ENVE	Min	0	0	0	12,7718	10,5652	1,9646	-65,04	-5,02
2612	Shell-Thin	SLE-ENVE	Min	0	0	0	-6,3514	3,155	2,0091	-65,04	-11,36
2613	Shell-Thin	SLU-ENVE	Max	0	0	0	11,4282	15,8063	6,9238	-76,34	9,57
2613	Shell-Thin	SLU-ENVE	Max	0	0	0	63,3057	34,3881	6,5663	-76,34	6,08
2613	Shell-Thin	SLU-ENVE	Max	0	0	0	61,5017	33,4823	8,6321	-74,4	6,08
2613	Shell-Thin	SLU-ENVE	Max	0	0	0	10,4463	14,5276	8,9896	-74,4	9,57
2613	Shell-Thin	SLU-ENVE	Min	0	0	0	-10,5097	5,8266	4,9355	-119,69	5,49
2613	Shell-Thin	SLU-ENVE	Min	0	0	0	24,9099	19,4217	4,9493	-119,69	2,74
2613	Shell-Thin	SLU-ENVE	Min	0	0	0	24,165	18,0261	6,3243	-116,88	2,74
2613	Shell-Thin	SLU-ENVE	Min	0	0	0	-10,564	4,4468	6,3105	-116,88	5,49
2613	Shell-Thin	SLE-ENVE	Max	0	0	0	5,2736	8,5709	3,8466	-41,31	5,32
2613	Shell-Thin	SLE-ENVE	Max	0	0	0	32,3505	18,5383	3,6481	-41,31	3,36

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**Table: Element Forces - Area Shells**

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
2613	Shell-Thin	SLE-ENVE	Max	0	0	0	31,3494	18,0369	4,7956	-40,25	3,36
2613	Shell-Thin	SLE-ENVE	Max	0	0	0	4,7263	7,8502	4,9941	-40,25	5,32
2613	Shell-Thin	SLE-ENVE	Min	0	0	0	-6,3531	3,1464	2,7411	-65,3	3,14
2613	Shell-Thin	SLE-ENVE	Min	0	0	0	12,7738	10,5747	2,7494	-65,3	1,53
2613	Shell-Thin	SLE-ENVE	Min	0	0	0	12,362	9,8036	3,513	-63,74	1,53
2613	Shell-Thin	SLE-ENVE	Min	0	0	0	-6,2335	2,3573	3,5047	-63,74	3,14
2614	Shell-Thin	SLU-ENVE	Max	0	0	0	10,4453	14,5227	11,1243	-73,7	10,69
2614	Shell-Thin	SLU-ENVE	Max	0	0	0	61,5012	33,4797	10,7376	-73,7	21,64
2614	Shell-Thin	SLU-ENVE	Max	0	0	0	57,3029	28,9797	12,613	-70,73	21,64
2614	Shell-Thin	SLU-ENVE	Max	0	0	0	9,025	12,7588	12,9997	-70,73	10,69
2614	Shell-Thin	SLU-ENVE	Min	0	0	0	-10,5681	4,4434	7,5842	-116,12	2,23
2614	Shell-Thin	SLU-ENVE	Min	0	0	0	24,166	18,0314	7,5003	-116,12	10,94
2614	Shell-Thin	SLU-ENVE	Min	0	0	0	23,2947	15,2054	8,6942	-108,53	10,94
2614	Shell-Thin	SLU-ENVE	Min	0	0	0	-11,7557	3,795	8,7837	-108,53	2,23
2614	Shell-Thin	SLE-ENVE	Max	0	0	0	4,7257	7,8474	6,18	-39,86	5,9
2614	Shell-Thin	SLE-ENVE	Max	0	0	0	31,3491	18,0355	5,9653	-39,86	12,03
2614	Shell-Thin	SLE-ENVE	Max	0	0	0	29,0161	15,5335	7,007	-38,19	12,03
2614	Shell-Thin	SLE-ENVE	Max	0	0	0	3,9389	6,8778	7,2218	-38,19	5,9
2614	Shell-Thin	SLE-ENVE	Min	0	0	0	-6,2339	2,3554	4,2142	-63,32	1,15
2614	Shell-Thin	SLE-ENVE	Min	0	0	0	12,3626	9,8066	4,1668	-63,32	6,09
2614	Shell-Thin	SLE-ENVE	Min	0	0	0	11,8767	8,2322	4,83	-59,1	6,09
2614	Shell-Thin	SLE-ENVE	Min	0	0	0	-6,327	2,0177	4,8802	-59,1	1,15
2615	Shell-Thin	SLU-ENVE	Max	0	0	0	9,0314	12,791	14,5425	-69,36	35,86
2615	Shell-Thin	SLU-ENVE	Max	0	0	0	57,306	28,9951	14,1885	-69,36	40,95
2615	Shell-Thin	SLU-ENVE	Max	0	0	0	50,9181	20,0063	15,4637	-67,12	40,95
2615	Shell-Thin	SLU-ENVE	Max	0	0	0	6,4351	6,8285	15,8178	-67,12	35,86
2615	Shell-Thin	SLU-ENVE	Min	0	0	0	-11,7416	3,8085	9,7083	-106,12	7,02
2615	Shell-Thin	SLU-ENVE	Min	0	0	0	23,2928	15,1958	9,2967	-106,12	13,26
2615	Shell-Thin	SLU-ENVE	Min	0	0	0	22,6188	11,6046	10,1024	-97,34	13,26
2615	Shell-Thin	SLU-ENVE	Min	0	0	0	-15,3914	-0,1758	10,5681	-97,34	7,02
2615	Shell-Thin	SLE-ENVE	Max	0	0	0	3,9425	6,896	8,0786	-37,43	19,89
2615	Shell-Thin	SLE-ENVE	Max	0	0	0	29,0178	15,542	7,882	-37,43	22,74
2615	Shell-Thin	SLE-ENVE	Max	0	0	0	25,4707	10,5494	8,5903	-36,21	22,74
2615	Shell-Thin	SLE-ENVE	Max	0	0	0	2,4968	3,5728	8,7869	-36,21	19,89
2615	Shell-Thin	SLE-ENVE	Min	0	0	0	-6,3192	2,0259	5,3915	-57,76	3,99
2615	Shell-Thin	SLE-ENVE	Min	0	0	0	11,8756	8,2268	5,1652	-57,76	7,36
2615	Shell-Thin	SLE-ENVE	Min	0	0	0	11,5045	6,2888	5,6129	-52,88	7,36
2615	Shell-Thin	SLE-ENVE	Min	0	0	0	-8,3445	-0,0551	5,8685	-52,88	3,99
2616	Shell-Thin	SLU-ENVE	Max	0	0	0	6,4286	6,796	16,8283	-65,63	27,97
2616	Shell-Thin	SLU-ENVE	Max	0	0	0	50,9275	20,0537	16,4092	-65,63	43,74
2616	Shell-Thin	SLU-ENVE	Max	0	0	0	43,8715	10,466	16,9499	-62,14	43,74
2616	Shell-Thin	SLU-ENVE	Max	0	0	0	4,1016	1,9757	17,369	-62,14	27,97
2616	Shell-Thin	SLU-ENVE	Min	0	0	0	-15,4	-0,2191	11,2721	-94,44	4,1
2616	Shell-Thin	SLU-ENVE	Min	0	0	0	22,6167	11,6312	10,7972	-94,44	14,66
2616	Shell-Thin	SLU-ENVE	Min	0	0	0	19,1266	2,5489	11,3037	-83,18	14,66
2616	Shell-Thin	SLU-ENVE	Min	0	0	0	-18,3277	-6,0168	11,7576	-83,18	4,1
2616	Shell-Thin	SLE-ENVE	Max	0	0	0	2,4931	3,5543	9,3481	-35,39	15,56
2616	Shell-Thin	SLE-ENVE	Max	0	0	0	25,4759	10,5758	9,1156	-35,39	24,3
2616	Shell-Thin	SLE-ENVE	Max	0	0	0	21,5553	5,3606	9,4159	-33,43	24,3
2616	Shell-Thin	SLE-ENVE	Max	0	0	0	1,2036	0,8239	9,6484	-33,43	15,56
2616	Shell-Thin	SLE-ENVE	Min	0	0	0	-8,3492	-0,0788	6,2604	-51,27	2,22
2616	Shell-Thin	SLE-ENVE	Min	0	0	0	11,5034	6,2834	5,9983	-51,27	8,15

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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
2616	Shell-Thin	SLE-ENVE	Min	0	0	0	10,4461	1,3788	6,2794	-45,02	8,15
2616	Shell-Thin	SLE-ENVE	Min	0	0	0	-9,9774	-3,304	6,5305	-45,02	2,22
2617	Shell-Thin	SLU-ENVE	Max	0	0	0	63,2384	32,1086	-0,4904	-34,41	0,42
2617	Shell-Thin	SLU-ENVE	Max	0	0	0	87,8621	44,0163	-0,456	-34,41	0,72
2617	Shell-Thin	SLU-ENVE	Max	0	0	0	87,8165	43,8242	0,673	-34,27	0,72
2617	Shell-Thin	SLU-ENVE	Max	0	0	0	63,2883	31,9908	0,6569	-34,27	0,42
2617	Shell-Thin	SLU-ENVE	Min	0	0	0	25,4553	20,0033	-0,8014	-79,9	-0,53
2617	Shell-Thin	SLU-ENVE	Min	0	0	0	52,7268	30,3798	-0,7854	-79,9	0,15
2617	Shell-Thin	SLU-ENVE	Min	0	0	0	52,67	30,2742	0,4801	-79,63	0,15
2617	Shell-Thin	SLU-ENVE	Min	0	0	0	25,5073	20,1303	0,4693	-79,63	-0,53
2617	Shell-Thin	SLE-ENVE	Max	0	0	0	32,3136	17,272	-0,2721	-15,99	0,23
2617	Shell-Thin	SLE-ENVE	Max	0	0	0	46,4326	23,9754	-0,253	-15,99	0,4
2617	Shell-Thin	SLE-ENVE	Max	0	0	0	46,4071	23,8687	0,375	-15,91	0,4
2617	Shell-Thin	SLE-ENVE	Max	0	0	0	32,342	17,2078	0,366	-15,91	0,23
2617	Shell-Thin	SLE-ENVE	Min	0	0	0	13,0778	10,8982	-0,444	-43,55	-0,3
2617	Shell-Thin	SLE-ENVE	Min	0	0	0	28,6212	16,7418	-0,435	-43,55	0,08259
2617	Shell-Thin	SLE-ENVE	Min	0	0	0	28,5897	16,6831	0,2679	-43,4	0,08259
2617	Shell-Thin	SLE-ENVE	Min	0	0	0	13,1083	10,9713	0,2618	-43,4	-0,3
2618	Shell-Thin	SLU-ENVE	Max	0	0	0	63,2834	31,9663	2,4252	-33,61	4,02
2618	Shell-Thin	SLU-ENVE	Max	0	0	0	87,8149	43,8158	1,8295	-33,61	-0,93
2618	Shell-Thin	SLU-ENVE	Max	0	0	0	87,3673	46,0627	3,3783	-32,05	-0,93
2618	Shell-Thin	SLU-ENVE	Max	0	0	0	63,2839	34,402	3,974	-32,05	4,02
2618	Shell-Thin	SLU-ENVE	Min	0	0	0	25,5082	20,1347	1,8176	-80,16	-8,6
2618	Shell-Thin	SLU-ENVE	Min	0	0	0	52,6702	30,2752	1,0465	-80,16	-7,55
2618	Shell-Thin	SLU-ENVE	Min	0	0	0	52,1376	31,68	1,9261	-80,64	-7,55
2618	Shell-Thin	SLU-ENVE	Min	0	0	0	24,8396	19,3914	2,751	-80,64	-8,6
2618	Shell-Thin	SLE-ENVE	Max	0	0	0	32,3393	17,1941	1,3482	-15,54	2,24
2618	Shell-Thin	SLE-ENVE	Max	0	0	0	46,4062	23,864	1,017	-15,54	-0,52
2618	Shell-Thin	SLE-ENVE	Max	0	0	0	46,1576	25,1123	1,8773	-14,68	-0,52
2618	Shell-Thin	SLE-ENVE	Max	0	0	0	32,3385	18,5459	2,2086	-14,68	2,24
2618	Shell-Thin	SLE-ENVE	Min	0	0	0	13,1087	10,9735	1,0108	-43,69	-4,77
2618	Shell-Thin	SLE-ENVE	Min	0	0	0	28,5898	16,6837	0,5818	-43,69	-4,2
2618	Shell-Thin	SLE-ENVE	Min	0	0	0	28,2936	17,4639	1,0704	-43,96	-4,2
2618	Shell-Thin	SLE-ENVE	Min	0	0	0	12,7349	10,5578	1,5285	-43,96	-4,77
2619	Shell-Thin	SLU-ENVE	Max	0	0	0	63,2801	34,383	5,8886	-30,81	8,2
2619	Shell-Thin	SLU-ENVE	Max	0	0	0	87,3644	46,0479	4,7225	-30,81	11,77
2619	Shell-Thin	SLU-ENVE	Max	0	0	0	84,51	44,1504	6,3338	-30,08	11,77
2619	Shell-Thin	SLU-ENVE	Max	0	0	0	61,4821	33,4784	7,4999	-30,08	8,2
2619	Shell-Thin	SLU-ENVE	Min	0	0	0	24,843	19,4083	3,9198	-81,09	4,08
2619	Shell-Thin	SLU-ENVE	Min	0	0	0	52,1371	31,6775	2,3216	-81,09	7,96
2619	Shell-Thin	SLU-ENVE	Min	0	0	0	49,8906	30,0564	2,9715	-78,4	7,96
2619	Shell-Thin	SLU-ENVE	Min	0	0	0	24,0969	18,0124	4,5697	-78,4	4,08
2619	Shell-Thin	SLE-ENVE	Max	0	0	0	32,3364	18,5355	3,272	-13,99	4,55
2619	Shell-Thin	SLE-ENVE	Max	0	0	0	46,156	25,1041	2,6243	-13,99	6,54
2619	Shell-Thin	SLE-ENVE	Max	0	0	0	44,5702	24,0498	3,5192	-13,58	6,54
2619	Shell-Thin	SLE-ENVE	Max	0	0	0	31,3386	18,0348	4,1669	-13,58	4,55
2619	Shell-Thin	SLE-ENVE	Min	0	0	0	12,7368	10,5673	2,1779	-44,21	2,27
2619	Shell-Thin	SLE-ENVE	Min	0	0	0	28,2933	17,4625	1,29	-44,21	4,42
2619	Shell-Thin	SLE-ENVE	Min	0	0	0	27,0456	16,5621	1,651	-42,72	4,42
2619	Shell-Thin	SLE-ENVE	Min	0	0	0	12,3243	9,7961	2,5389	-42,72	2,27
2620	Shell-Thin	SLU-ENVE	Max	0	0	0	61,4816	33,4758	9,3836	-29,22	22,68
2620	Shell-Thin	SLU-ENVE	Max	0	0	0	84,5103	44,1517	7,6056	-29,22	28,35

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**Table: Element Forces - Area Shells**

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
2620	Shell-Thin	SLU-ENVE	Max	0	0	0	79,3539	38,3011	9,0508	-30,87	28,35
2620	Shell-Thin	SLU-ENVE	Max	0	0	0	57,2901	28,9771	10,8285	-30,87	22,68
2620	Shell-Thin	SLU-ENVE	Min	0	0	0	24,0979	18,0178	5,4913	-77,83	13,42
2620	Shell-Thin	SLU-ENVE	Min	0	0	0	49,8914	30,0603	3,1048	-77,83	18,93
2620	Shell-Thin	SLU-ENVE	Min	0	0	0	46,2492	25,3733	3,5807	-73,19	18,93
2620	Shell-Thin	SLU-ENVE	Min	0	0	0	23,2452	15,1955	5,9672	-73,19	13,42
2620	Shell-Thin	SLE-ENVE	Max	0	0	0	31,3383	18,0334	5,2131	-13,1	12,61
2620	Shell-Thin	SLE-ENVE	Max	0	0	0	44,5704	24,0505	4,2252	-13,1	15,75
2620	Shell-Thin	SLE-ENVE	Max	0	0	0	41,7059	20,8002	5,0278	-14,02	15,75
2620	Shell-Thin	SLE-ENVE	Max	0	0	0	29,009	15,5321	6,0157	-14,02	12,61
2620	Shell-Thin	SLE-ENVE	Min	0	0	0	12,3249	9,799	3,0509	-42,4	7,47
2620	Shell-Thin	SLE-ENVE	Min	0	0	0	27,046	16,5643	1,7252	-42,4	10,51
2620	Shell-Thin	SLE-ENVE	Min	0	0	0	25,0223	13,9601	1,9896	-39,82	10,51
2620	Shell-Thin	SLE-ENVE	Min	0	0	0	11,8494	8,2268	3,3153	-39,82	7,47
2621	Shell-Thin	SLU-ENVE	Max	0	0	0	57,2932	28,9926	12,4902	-30,61	42,23
2621	Shell-Thin	SLU-ENVE	Max	0	0	0	79,3579	38,3211	10,126	-30,61	51,02
2621	Shell-Thin	SLU-ENVE	Max	0	0	0	71,6756	27,1594	11,132	-34,01	51,02
2621	Shell-Thin	SLU-ENVE	Max	0	0	0	50,8833	19,9994	13,495	-34,01	42,23
2621	Shell-Thin	SLU-ENVE	Min	0	0	0	23,2433	15,1859	6,6863	-71,44	16,37
2621	Shell-Thin	SLU-ENVE	Min	0	0	0	46,2514	25,3848	3,7545	-71,44	31,48
2621	Shell-Thin	SLU-ENVE	Min	0	0	0	41,0031	16,8124	4,1839	-63,31	31,48
2621	Shell-Thin	SLU-ENVE	Min	0	0	0	22,5781	11,5947	7,1156	-63,31	16,37
2621	Shell-Thin	SLE-ENVE	Max	0	0	0	29,0107	15,5406	6,9388	-13,88	23,46
2621	Shell-Thin	SLE-ENVE	Max	0	0	0	41,7081	20,8113	5,6255	-13,88	28,35
2621	Shell-Thin	SLE-ENVE	Max	0	0	0	37,4403	14,6103	6,1842	-15,9	28,35
2621	Shell-Thin	SLE-ENVE	Max	0	0	0	25,4511	10,5455	7,4969	-15,9	23,46
2621	Shell-Thin	SLE-ENVE	Min	0	0	0	11,8483	8,2213	3,7148	-38,85	9,08
2621	Shell-Thin	SLE-ENVE	Min	0	0	0	25,0236	13,9665	2,086	-38,85	17,49
2621	Shell-Thin	SLE-ENVE	Min	0	0	0	22,1082	9,2042	2,3245	-34,33	17,49
2621	Shell-Thin	SLE-ENVE	Min	0	0	0	11,4815	6,2842	3,9532	-34,33	9,08
2622	Shell-Thin	SLU-ENVE	Max	0	0	0	50,8928	20,0467	14,3542	-33,99	45,33
2622	Shell-Thin	SLU-ENVE	Max	0	0	0	71,6815	27,1891	11,6666	-33,99	53,81
2622	Shell-Thin	SLU-ENVE	Max	0	0	0	63,3949	16,8504	12,0452	-34,34	53,81
2622	Shell-Thin	SLU-ENVE	Max	0	0	0	43,8539	10,4624	14,6919	-34,34	45,33
2622	Shell-Thin	SLU-ENVE	Min	0	0	0	22,5761	11,6213	7,6921	-60,68	18,17
2622	Shell-Thin	SLU-ENVE	Min	0	0	0	41,0052	16,823	4,4426	-60,68	33,36
2622	Shell-Thin	SLU-ENVE	Min	0	0	0	35,3947	7,9118	4,8678	-54,05	33,36
2622	Shell-Thin	SLU-ENVE	Min	0	0	0	19,0758	2,5388	8,1174	-54,05	18,17
2622	Shell-Thin	SLE-ENVE	Max	0	0	0	25,4564	10,5719	7,9741	-15,99	25,19
2622	Shell-Thin	SLE-ENVE	Max	0	0	0	37,4436	14,6267	6,4807	-15,99	29,89
2622	Shell-Thin	SLE-ENVE	Max	0	0	0	32,8403	8,4817	6,6908	-18,09	29,89
2622	Shell-Thin	SLE-ENVE	Max	0	0	0	21,5456	5,3671	8,1616	-18,09	25,19
2622	Shell-Thin	SLE-ENVE	Min	0	0	0	11,4804	6,2787	4,2734	-32,85	10,11
2622	Shell-Thin	SLE-ENVE	Min	0	0	0	22,1094	9,2101	2,4683	-32,85	18,54
2622	Shell-Thin	SLE-ENVE	Min	0	0	0	18,9924	4,2593	2,7045	-28,61	18,54
2622	Shell-Thin	SLE-ENVE	Min	0	0	0	10,4179	1,3731	4,5096	-28,61	10,11
2623	Shell-Thin	SLU-ENVE	Max	0	0	0	87,8041	44,0047	-0,1017	9	0,7
2623	Shell-Thin	SLU-ENVE	Max	0	0	0	93,06	47,9694	-0,0987	9	0,8
2623	Shell-Thin	SLU-ENVE	Max	0	0	0	93,0819	47,8748	0,306	8,94	0,8
2623	Shell-Thin	SLU-ENVE	Max	0	0	0	87,7808	43,8171	0,286	8,94	0,7
2623	Shell-Thin	SLU-ENVE	Min	0	0	0	52,7443	30,3833	-0,3876	-41,96	0,19
2623	Shell-Thin	SLU-ENVE	Min	0	0	0	47,7202	30,5925	-0,3677	-41,96	-0,5

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**Table: Element Forces - Area Shells**

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
2623	Shell-Thin	SLU-ENVE	Min	0	0	0	47,7277	30,5847	0,1631	-41,93	-0,5
2623	Shell-Thin	SLU-ENVE	Min	0	0	0	52,7227	30,2847	0,16	-41,93	0,19
2623	Shell-Thin	SLE-ENVE	Max	0	0	0	46,4004	23,969	-0,0562	6,76	0,39
2623	Shell-Thin	SLE-ENVE	Max	0	0	0	48,8732	26,0819	-0,0547	6,76	0,44
2623	Shell-Thin	SLE-ENVE	Max	0	0	0	48,8852	26,0294	0,1706	6,73	0,44
2623	Shell-Thin	SLE-ENVE	Max	0	0	0	46,3873	23,8647	0,1597	6,73	0,39
2623	Shell-Thin	SLE-ENVE	Min	0	0	0	28,6309	16,7437	-0,2144	-20,57	0,11
2623	Shell-Thin	SLE-ENVE	Min	0	0	0	24,9579	16,6835	-0,2036	-20,57	-0,28
2623	Shell-Thin	SLE-ENVE	Min	0	0	0	24,9618	16,6791	0,0908	-20,55	-0,28
2623	Shell-Thin	SLE-ENVE	Min	0	0	0	28,6189	16,689	0,0892	-20,55	0,11
2624	Shell-Thin	SLU-ENVE	Max	0	0	0	87,7792	43,8087	1,4658	9,49	-0,53
2624	Shell-Thin	SLU-ENVE	Max	0	0	0	93,0819	47,8752	0,491	9,49	6,88
2624	Shell-Thin	SLU-ENVE	Max	0	0	0	91,9898	49,4549	1,2214	9,6	6,88
2624	Shell-Thin	SLU-ENVE	Max	0	0	0	87,2992	46,049	2,1962	9,6	-0,53
2624	Shell-Thin	SLU-ENVE	Min	0	0	0	52,7229	30,2858	0,7176	-42,42	-6,98
2624	Shell-Thin	SLU-ENVE	Min	0	0	0	47,7276	30,584	0,0953	-42,42	-8,14
2624	Shell-Thin	SLU-ENVE	Min	0	0	0	47,092	30,5808	0,221	-43,55	-8,14
2624	Shell-Thin	SLU-ENVE	Min	0	0	0	52,1432	31,6811	0,8434	-43,55	-6,98
2624	Shell-Thin	SLE-ENVE	Max	0	0	0	46,3864	23,86	0,815	7,04	-0,29
2624	Shell-Thin	SLE-ENVE	Max	0	0	0	48,8853	26,0296	0,2734	7,04	3,82
2624	Shell-Thin	SLE-ENVE	Max	0	0	0	48,2783	26,9072	0,6791	7,1	3,82
2624	Shell-Thin	SLE-ENVE	Max	0	0	0	46,1198	25,1047	1,2207	7,1	-0,29
2624	Shell-Thin	SLE-ENVE	Min	0	0	0	28,619	16,6895	0,3989	-20,83	-3,88
2624	Shell-Thin	SLE-ENVE	Min	0	0	0	24,9618	16,6787	0,0531	-20,83	-4,52
2624	Shell-Thin	SLE-ENVE	Min	0	0	0	24,6085	16,677	0,1229	-21,45	-4,52
2624	Shell-Thin	SLE-ENVE	Min	0	0	0	28,2968	17,4646	0,4688	-21,45	-3,88
2625	Shell-Thin	SLU-ENVE	Max	0	0	0	87,2963	46,0343	3,4802	10,45	12,52
2625	Shell-Thin	SLU-ENVE	Max	0	0	0	91,9906	49,4585	1,4993	10,45	14,29
2625	Shell-Thin	SLU-ENVE	Max	0	0	0	88,8088	47,2721	2,2993	9,25	14,29
2625	Shell-Thin	SLU-ENVE	Max	0	0	0	84,476	44,1436	4,2803	9,25	12,52
2625	Shell-Thin	SLU-ENVE	Min	0	0	0	52,1427	31,6786	1,1588	-44,17	8,97
2625	Shell-Thin	SLU-ENVE	Min	0	0	0	47,0927	30,5843	-0,1061	-44,17	8,93
2625	Shell-Thin	SLU-ENVE	Min	0	0	0	45,4977	28,4158	-0,1943	-43,4	8,93
2625	Shell-Thin	SLU-ENVE	Min	0	0	0	49,946	30,0675	1,0706	-43,4	8,97
2625	Shell-Thin	SLE-ENVE	Max	0	0	0	46,1181	25,0965	1,9339	7,57	6,96
2625	Shell-Thin	SLE-ENVE	Max	0	0	0	48,2787	26,9092	0,8333	7,57	7,94
2625	Shell-Thin	SLE-ENVE	Max	0	0	0	46,5112	25,6945	1,2777	6,9	7,94
2625	Shell-Thin	SLE-ENVE	Max	0	0	0	44,5513	24,0461	2,3783	6,9	6,96
2625	Shell-Thin	SLE-ENVE	Min	0	0	0	28,2966	17,4632	0,644	-21,8	4,99
2625	Shell-Thin	SLE-ENVE	Min	0	0	0	24,6089	16,6789	-0,0587	-21,8	4,96
2625	Shell-Thin	SLE-ENVE	Min	0	0	0	23,7227	15,4742	-0,1077	-21,37	4,96
2625	Shell-Thin	SLE-ENVE	Min	0	0	0	27,0763	16,5682	0,5951	-21,37	4,99
2626	Shell-Thin	SLU-ENVE	Max	0	0	0	84,4763	44,1449	5,5421	9,52	30,11
2626	Shell-Thin	SLU-ENVE	Max	0	0	0	88,81	47,2784	2,6301	9,52	32,41
2626	Shell-Thin	SLU-ENVE	Max	0	0	0	83,4906	40,8034	3,3636	7,15	32,41
2626	Shell-Thin	SLU-ENVE	Max	0	0	0	79,3007	38,2904	6,2756	7,15	30,11
2626	Shell-Thin	SLU-ENVE	Min	0	0	0	49,9468	30,0714	1,2029	-43,28	21,81
2626	Shell-Thin	SLU-ENVE	Min	0	0	0	45,4984	28,4195	-0,6197	-43,28	21,39
2626	Shell-Thin	SLU-ENVE	Min	0	0	0	42,9919	23,9841	-0,7759	-40,08	21,39
2626	Shell-Thin	SLU-ENVE	Min	0	0	0	46,2526	25,374	1,0466	-40,08	21,81
2626	Shell-Thin	SLE-ENVE	Max	0	0	0	44,5515	24,0468	3,0791	7,05	16,73
2626	Shell-Thin	SLE-ENVE	Max	0	0	0	46,5119	25,6981	1,4615	7,05	18,01



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**Table: Element Forces - Area Shells**

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
2626	Shell-Thin	SLE-ENVE	Max	0	0	0	43,5566	22,1006	1,8689	5,73	18,01
2626	Shell-Thin	SLE-ENVE	Max	0	0	0	41,6763	20,7943	3,4865	5,73	16,73
2626	Shell-Thin	SLE-ENVE	Min	0	0	0	27,0767	16,5704	0,6685	-21,3	12,11
2626	Shell-Thin	SLE-ENVE	Min	0	0	0	23,7231	15,4763	-0,344	-21,3	11,88
2626	Shell-Thin	SLE-ENVE	Min	0	0	0	22,3306	13,0121	-0,4308	-19,52	11,88
2626	Shell-Thin	SLE-ENVE	Min	0	0	0	25,0243	13,9605	0,5817	-19,52	12,11
2627	Shell-Thin	SLU-ENVE	Max	0	0	0	79,3047	38,3104	7,2909	6,57	53,24
2627	Shell-Thin	SLU-ENVE	Max	0	0	0	83,4929	40,8146	3,6295	6,57	54,04
2627	Shell-Thin	SLU-ENVE	Max	0	0	0	76,2228	29,3991	4,1174	2,73	54,04
2627	Shell-Thin	SLU-ENVE	Max	0	0	0	71,6667	27,1576	7,7788	2,73	53,24
2627	Shell-Thin	SLU-ENVE	Min	0	0	0	46,2549	25,3855	1,1457	-39,1	35,71
2627	Shell-Thin	SLU-ENVE	Min	0	0	0	42,9922	23,9853	-1,1372	-39,1	31,26
2627	Shell-Thin	SLU-ENVE	Min	0	0	0	39,6754	17,1857	-1,1486	-33,15	31,26
2627	Shell-Thin	SLU-ENVE	Min	0	0	0	41,0187	16,8155	1,1344	-33,15	35,71
2627	Shell-Thin	SLE-ENVE	Max	0	0	0	41,6785	20,8054	4,0504	5,41	29,58
2627	Shell-Thin	SLE-ENVE	Max	0	0	0	43,5578	22,1069	2,0165	5,41	30,02
2627	Shell-Thin	SLE-ENVE	Max	0	0	0	39,5192	15,7649	2,2874	3,28	30,02
2627	Shell-Thin	SLE-ENVE	Max	0	0	0	37,4354	14,6093	4,3214	3,28	29,58
2627	Shell-Thin	SLE-ENVE	Min	0	0	0	25,0256	13,9669	0,6368	-18,98	19,84
2627	Shell-Thin	SLE-ENVE	Min	0	0	0	22,3308	13,0127	-0,6314	-18,98	17,37
2627	Shell-Thin	SLE-ENVE	Min	0	0	0	20,4882	9,235	-0,6377	-15,67	17,37
2627	Shell-Thin	SLE-ENVE	Min	0	0	0	22,1168	9,2059	0,6305	-15,67	19,84
2628	Shell-Thin	SLU-ENVE	Max	0	0	0	71,6726	27,1873	8,3207	1,59	56,26
2628	Shell-Thin	SLU-ENVE	Max	0	0	0	76,2256	29,4133	4,2133	1,59	57,36
2628	Shell-Thin	SLU-ENVE	Max	0	0	0	68,2211	19,3908	4,3577	-2,28	57,36
2628	Shell-Thin	SLU-ENVE	Max	0	0	0	63,3846	16,8252	8,4651	-2,28	56,26
2628	Shell-Thin	SLU-ENVE	Min	0	0	0	41,0208	16,8261	1,4088	-31,53	37,93
2628	Shell-Thin	SLU-ENVE	Min	0	0	0	39,6761	17,1893	-1,1589	-31,53	33,71
2628	Shell-Thin	SLU-ENVE	Min	0	0	0	35,9552	10,0237	-0,8847	-25,18	33,71
2628	Shell-Thin	SLU-ENVE	Min	0	0	0	35,3619	7,9053	1,683	-25,18	37,93
2628	Shell-Thin	SLE-ENVE	Max	0	0	0	37,4387	14,6258	4,6223	2,65	31,26
2628	Shell-Thin	SLE-ENVE	Max	0	0	0	39,5208	15,7728	2,3407	2,65	31,87
2628	Shell-Thin	SLE-ENVE	Max	0	0	0	35,0741	9,6156	2,4209	0,5	31,87
2628	Shell-Thin	SLE-ENVE	Max	0	0	0	32,8345	8,4677	4,7024	0,5	31,26
2628	Shell-Thin	SLE-ENVE	Min	0	0	0	22,1179	9,2118	0,7829	-14,78	21,07
2628	Shell-Thin	SLE-ENVE	Min	0	0	0	20,4886	9,237	-0,6434	-14,78	18,73
2628	Shell-Thin	SLE-ENVE	Min	0	0	0	18,4216	5,2561	-0,4912	-11,25	18,73
2628	Shell-Thin	SLE-ENVE	Min	0	0	0	18,9742	4,2557	0,9352	-11,25	21,07
2629	Shell-Thin	SLU-ENVE	Max	0	0	0	93,0606	47,9696	0,2917	44,55	0,8
2629	Shell-Thin	SLU-ENVE	Max	0	0	0	85,0614	44,4994	0,313	44,55	0,65
2629	Shell-Thin	SLU-ENVE	Max	0	0	0	85,0476	44,324	-0,009	44,6	0,65
2629	Shell-Thin	SLU-ENVE	Max	0	0	0	93,0825	47,8749	-0,0274	44,6	0,8
2629	Shell-Thin	SLU-ENVE	Min	0	0	0	47,7297	30,5944	0,0216	-1,61	-0,5
2629	Shell-Thin	SLU-ENVE	Min	0	0	0	33,9036	26,26	0,04	-1,61	-0,36
2629	Shell-Thin	SLU-ENVE	Min	0	0	0	33,9127	26,351	-0,2134	-1,55	-0,36
2629	Shell-Thin	SLU-ENVE	Min	0	0	0	47,7291	30,5849	-0,2348	-1,55	-0,5
2629	Shell-Thin	SLE-ENVE	Max	0	0	0	48,8735	26,082	0,1622	25,45	0,45
2629	Shell-Thin	SLE-ENVE	Max	0	0	0	43,2243	23,913	0,1738	25,45	0,36
2629	Shell-Thin	SLE-ENVE	Max	0	0	0	43,2163	23,8155	-0,0048	25,47	0,36
2629	Shell-Thin	SLE-ENVE	Max	0	0	0	48,8855	26,0294	-0,0148	25,47	0,45
2629	Shell-Thin	SLE-ENVE	Min	0	0	0	24,9631	16,6845	0,0125	1,52	-0,28
2629	Shell-Thin	SLE-ENVE	Min	0	0	0	16,0093	14,0219	0,0224	1,52	-0,2

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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
2629	Shell-Thin	SLE-ENVE	Min	0	0	0	16,0137	14,0726	-0,1187	1,56	-0,2
2629	Shell-Thin	SLE-ENVE	Min	0	0	0	24,9626	16,6793	-0,1302	1,56	-0,28
2630	Shell-Thin	SLU-ENVE	Max	0	0	0	93,0825	47,8753	0,2435	44,85	6,89
2630	Shell-Thin	SLU-ENVE	Max	0	0	0	85,0464	44,3179	-0,3978	44,85	4,98
2630	Shell-Thin	SLU-ENVE	Max	0	0	0	84,5229	46,4724	-0,5823	44,16	4,98
2630	Shell-Thin	SLU-ENVE	Max	0	0	0	91,9586	49,4487	0,0591	44,16	6,89
2630	Shell-Thin	SLU-ENVE	Min	0	0	0	47,7289	30,5843	-0,2681	-2,15	-8,05
2630	Shell-Thin	SLU-ENVE	Min	0	0	0	33,9157	26,3662	-1,2509	-2,15	-6,62
2630	Shell-Thin	SLU-ENVE	Min	0	0	0	32,9797	25,3947	-1,8388	-3,69	-6,62
2630	Shell-Thin	SLU-ENVE	Min	0	0	0	47,1583	30,594	-0,8559	-3,69	-8,05
2630	Shell-Thin	SLE-ENVE	Max	0	0	0	48,8856	26,0297	0,1357	25,61	3,83
2630	Shell-Thin	SLE-ENVE	Max	0	0	0	43,2156	23,8122	-0,2208	25,61	2,77
2630	Shell-Thin	SLE-ENVE	Max	0	0	0	42,9246	25,0092	-0,3233	25,23	2,77
2630	Shell-Thin	SLE-ENVE	Max	0	0	0	48,261	26,9037	0,0332	25,23	3,83
2630	Shell-Thin	SLE-ENVE	Min	0	0	0	24,9625	16,6789	-0,1488	1,22	-4,47
2630	Shell-Thin	SLE-ENVE	Min	0	0	0	16,0154	14,0812	-0,6949	1,22	-3,68
2630	Shell-Thin	SLE-ENVE	Min	0	0	0	15,4953	13,5419	-1,0215	0,37	-3,68
2630	Shell-Thin	SLE-ENVE	Min	0	0	0	24,6453	16,6843	-0,4753	0,37	-4,47
2631	Shell-Thin	SLU-ENVE	Max	0	0	0	91,9594	49,4523	0,2021	44,49	14,31
2631	Shell-Thin	SLU-ENVE	Max	0	0	0	84,5198	46,457	-1,3655	44,49	12,71
2631	Shell-Thin	SLU-ENVE	Max	0	0	0	81,6613	44,4593	-1,6905	43,06	12,71
2631	Shell-Thin	SLU-ENVE	Max	0	0	0	88,7618	47,2627	-0,1778	43,06	14,31
2631	Shell-Thin	SLU-ENVE	Min	0	0	0	47,159	30,5975	-0,997	-4,61	9,07
2631	Shell-Thin	SLU-ENVE	Min	0	0	0	32,9832	25,4125	-2,9866	-4,61	10,35
2631	Shell-Thin	SLU-ENVE	Min	0	0	0	31,6686	23,2499	-3,6572	-4,51	10,35
2631	Shell-Thin	SLU-ENVE	Min	0	0	0	45,574	28,4311	-1,6677	-4,51	9,07
2631	Shell-Thin	SLE-ENVE	Max	0	0	0	48,2614	26,9057	0,1127	25,41	7,95
2631	Shell-Thin	SLE-ENVE	Max	0	0	0	42,9229	25,0006	-0,7583	25,41	7,06
2631	Shell-Thin	SLE-ENVE	Max	0	0	0	41,3347	23,8907	-0,9388	24,62	7,06
2631	Shell-Thin	SLE-ENVE	Max	0	0	0	46,485	25,6893	-0,0984	24,62	7,95
2631	Shell-Thin	SLE-ENVE	Min	0	0	0	24,6457	16,6863	-0,5536	-0,15	5,04
2631	Shell-Thin	SLE-ENVE	Min	0	0	0	15,4973	13,5517	-1,659	-0,15	5,75
2631	Shell-Thin	SLE-ENVE	Min	0	0	0	14,7666	12,35	-2,0315	-	5,75
									0,08758		
2631	Shell-Thin	SLE-ENVE	Min	0	0	0	23,7651	15,4827	-0,9261	-	5,04
									0,08758		
2632	Shell-Thin	SLU-ENVE	Max	0	0	0	88,7631	47,269	-0,084	42,88	32,63
2632	Shell-Thin	SLU-ENVE	Max	0	0	0	81,6615	44,4602	-1,7705	42,88	30,96
2632	Shell-Thin	SLU-ENVE	Max	0	0	0	76,3904	38,4035	-1,7068	40,51	30,96
2632	Shell-Thin	SLU-ENVE	Max	0	0	0	83,4489	40,795	-0,1952	40,51	32,63
2632	Shell-Thin	SLU-ENVE	Min	0	0	0	45,5747	28,4348	-1,8729	-4,91	19,65
2632	Shell-Thin	SLU-ENVE	Min	0	0	0	31,67	23,2566	-4,8024	-4,91	17,32
2632	Shell-Thin	SLU-ENVE	Min	0	0	0	30,2231	19,406	-5,4273	-2,63	17,32
2632	Shell-Thin	SLU-ENVE	Min	0	0	0	43,0692	23,9995	-2,4978	-2,63	19,65
2632	Shell-Thin	SLE-ENVE	Max	0	0	0	46,4857	25,6928	-0,0464	24,52	18,13
2632	Shell-Thin	SLE-ENVE	Max	0	0	0	41,3348	23,8912	-0,983	24,52	17,2
2632	Shell-Thin	SLE-ENVE	Max	0	0	0	38,4065	20,5263	-0,9475	23,2	17,2
2632	Shell-Thin	SLE-ENVE	Max	0	0	0	43,5334	22,096	-0,1079	23,2	18,13
2632	Shell-Thin	SLE-ENVE	Min	0	0	0	23,7655	15,4848	-1,0402	-0,31	10,92
2632	Shell-Thin	SLE-ENVE	Min	0	0	0	14,7673	12,3537	-2,6676	-0,31	9,62
2632	Shell-Thin	SLE-ENVE	Min	0	0	0	13,9637	10,2147	-3,0147	0,95	9,62
2632	Shell-Thin	SLE-ENVE	Min	0	0	0	22,3735	13,0206	-1,3872	0,95	10,92

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**Table: Element Forces - Area Shells**

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
2633	Shell-Thin	SLU-ENVE	Max	0	0	0	83,4512	40,8063	-0,0552	39,64	54,31
2633	Shell-Thin	SLU-ENVE	Max	0	0	0	76,3946	38,4246	-1,6957	39,64	54,08
2633	Shell-Thin	SLU-ENVE	Max	0	0	0	68,668	27,0746	-1,7047	36,62	54,08
2633	Shell-Thin	SLU-ENVE	Max	0	0	0	76,2138	29,3973	-0,0643	36,62	54,31
2633	Shell-Thin	SLU-ENVE	Min	0	0	0	43,0694	24,0007	-2,6688	-2,35	29,3
2633	Shell-Thin	SLU-ENVE	Min	0	0	0	30,2219	19,4	-6,3472	-2,35	22,05
2633	Shell-Thin	SLU-ENVE	Min	0	0	0	28,7898	14,3987	-6,753	2,58	22,05
2633	Shell-Thin	SLU-ENVE	Min	0	0	0	39,684	17,1874	-3,0746	2,58	29,3
2633	Shell-Thin	SLE-ENVE	Max	0	0	0	43,5347	22,1023	-0,0301	22,71	30,17
2633	Shell-Thin	SLE-ENVE	Max	0	0	0	38,4088	20,5381	-0,9412	22,71	30,04
2633	Shell-Thin	SLE-ENVE	Max	0	0	0	34,1163	14,2323	-0,9461	21,04	30,04
2633	Shell-Thin	SLE-ENVE	Max	0	0	0	39,5142	15,7639	-0,035	21,04	30,17
2633	Shell-Thin	SLE-ENVE	Min	0	0	0	22,3737	13,0213	-1,4822	1,11	16,28
2633	Shell-Thin	SLE-ENVE	Min	0	0	0	13,963	10,2114	-3,5256	1,11	12,25
2633	Shell-Thin	SLE-ENVE	Min	0	0	0	13,1674	7,4324	-3,751	3,85	12,25
2633	Shell-Thin	SLE-ENVE	Min	0	0	0	20,4931	9,236	-1,7076	3,85	16,28
2634	Shell-Thin	SLU-ENVE	Max	0	0	0	76,2166	29,4115	-0,0224	35,37	57,67
2634	Shell-Thin	SLU-ENVE	Max	0	0	0	68,6734	27,1019	-1,9795	35,37	57,29
2634	Shell-Thin	SLU-ENVE	Max	0	0	0	61,7173	17,0291	-2,2028	32,05	57,29
2634	Shell-Thin	SLU-ENVE	Max	0	0	0	68,2485	19,3907	-0,2457	32,05	57,67
2634	Shell-Thin	SLU-ENVE	Min	0	0	0	39,6847	17,191	-3,0994	3,43	31,2
2634	Shell-Thin	SLU-ENVE	Min	0	0	0	28,7854	14,3763	-7,2293	3,43	23,69
2634	Shell-Thin	SLU-ENVE	Min	0	0	0	27,0797	9,0769	-7,3206	8,52	23,69
2634	Shell-Thin	SLU-ENVE	Min	0	0	0	35,9049	10,0137	-3,1907	8,52	31,2
2634	Shell-Thin	SLE-ENVE	Max	0	0	0	39,5158	15,7718	-0,0117	20,35	32,04
2634	Shell-Thin	SLE-ENVE	Max	0	0	0	34,1194	14,2474	-1,0985	20,35	31,83
2634	Shell-Thin	SLE-ENVE	Max	0	0	0	29,4443	8,0619	-1,2226	18,5	31,83
2634	Shell-Thin	SLE-ENVE	Max	0	0	0	35,0893	9,6155	-0,1358	18,5	32,04
2634	Shell-Thin	SLE-ENVE	Min	0	0	0	20,4935	9,238	-1,7214	4,32	17,33
2634	Shell-Thin	SLE-ENVE	Min	0	0	0	13,1649	7,4198	-4,0155	4,32	13,16
2634	Shell-Thin	SLE-ENVE	Min	0	0	0	12,2178	4,4753	-4,0662	7,15	13,16
2634	Shell-Thin	SLE-ENVE	Min	0	0	0	18,3937	5,2505	-1,7721	7,15	17,33
2635	Shell-Thin	SLU-ENVE	Max	0	0	0	85,1086	44,5089	0,7243	86,7	0,67
2635	Shell-Thin	SLU-ENVE	Max	0	0	0	63,7462	33,4385	0,7309	86,7	0,67
2635	Shell-Thin	SLU-ENVE	Max	0	0	0	63,7433	33,2613	-0,3677	86,63	0,67
2635	Shell-Thin	SLU-ENVE	Max	0	0	0	85,0925	44,3329	-0,3712	86,63	0,67
2635	Shell-Thin	SLU-ENVE	Min	0	0	0	33,9152	26,2623	0,4183	26,98	-0,36
2635	Shell-Thin	SLU-ENVE	Min	0	0	0	22,2712	19,5475	0,4217	26,98	-0,61
2635	Shell-Thin	SLU-ENVE	Min	0	0	0	22,2787	19,5498	-0,5959	26,98	-0,61
2635	Shell-Thin	SLU-ENVE	Min	0	0	0	33,9215	26,3527	-0,6024	26,98	-0,36
2635	Shell-Thin	SLE-ENVE	Max	0	0	0	43,2506	23,9182	0,4018	50,22	0,38
2635	Shell-Thin	SLE-ENVE	Max	0	0	0	27,4072	16,9732	0,405	50,22	0,37
2635	Shell-Thin	SLE-ENVE	Max	0	0	0	27,4057	16,8765	-0,2047	50,18	0,37
2635	Shell-Thin	SLE-ENVE	Max	0	0	0	43,2412	23,8205	-0,2063	50,18	0,38
2635	Shell-Thin	SLE-ENVE	Min	0	0	0	16,0158	14,0232	0,2321	18,32	-0,2
2635	Shell-Thin	SLE-ENVE	Min	0	0	0	7,883	9,9602	0,2337	18,32	-0,34
2635	Shell-Thin	SLE-ENVE	Min	0	0	0	7,8874	9,9635	-0,3319	18,31	-0,34
2635	Shell-Thin	SLE-ENVE	Min	0	0	0	16,0185	14,0736	-0,3351	18,31	-0,2
2636	Shell-Thin	SLU-ENVE	Max	0	0	0	85,0913	44,3269	-0,7675	87,16	4,87
2636	Shell-Thin	SLU-ENVE	Max	0	0	0	63,7376	33,2328	-1,5642	87,16	4,54
2636	Shell-Thin	SLU-ENVE	Max	0	0	0	63,7629	35,6852	-2,3969	87,45	4,54
2636	Shell-Thin	SLU-ENVE	Max	0	0	0	84,5701	46,4819	-1,677	87,45	4,87

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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
2636	Shell-Thin	SLU-ENVE	Min	0	0	0	33,9246	26,368	-1,6306	26,51	-7,15
2636	Shell-Thin	SLU-ENVE	Min	0	0	0	22,2767	19,5396	-2,2394	26,51	-8,66
2636	Shell-Thin	SLU-ENVE	Min	0	0	0	21,9275	19,9692	-3,6575	25,34	-8,66
2636	Shell-Thin	SLU-ENVE	Min	0	0	0	32,9888	25,3966	-3,0487	25,34	-7,15
2636	Shell-Thin	SLE-ENVE	Max	0	0	0	43,2405	23,8172	-0,4263	50,48	2,7
2636	Shell-Thin	SLE-ENVE	Max	0	0	0	27,4024	16,8601	-0,8693	50,48	2,52
2636	Shell-Thin	SLE-ENVE	Max	0	0	0	27,4151	18,2216	-1,3325	50,64	2,52
2636	Shell-Thin	SLE-ENVE	Max	0	0	0	42,9509	25,0145	-0,9315	50,64	2,7
2636	Shell-Thin	SLE-ENVE	Min	0	0	0	16,0202	14,0822	-0,9061	18,05	-3,97
2636	Shell-Thin	SLE-ENVE	Min	0	0	0	7,8861	9,9572	-1,2447	18,05	-4,8
2636	Shell-Thin	SLE-ENVE	Min	0	0	0	7,6905	10,1949	-2,0325	17,4	-4,8
2636	Shell-Thin	SLE-ENVE	Min	0	0	0	15,5004	13,543	-1,6938	17,4	-3,97
2637	Shell-Thin	SLU-ENVE	Max	0	0	0	84,5671	46,4665	-2,459	87,96	12,07
2637	Shell-Thin	SLU-ENVE	Max	0	0	0	63,7591	35,6662	-3,2002	87,96	9,95
2637	Shell-Thin	SLU-ENVE	Max	0	0	0	61,793	34,4986	-3,7794	85,83	9,95
2637	Shell-Thin	SLU-ENVE	Max	0	0	0	81,7094	44,469	-3,0381	85,83	12,07
2637	Shell-Thin	SLU-ENVE	Min	0	0	0	32,9923	25,4144	-4,2361	24,44	9,92
2637	Shell-Thin	SLU-ENVE	Min	0	0	0	21,9287	19,9749	-5,4619	24,44	6,42
2637	Shell-Thin	SLU-ENVE	Min	0	0	0	20,7903	18,741	-6,9558	24,08	6,42
2637	Shell-Thin	SLU-ENVE	Min	0	0	0	31,6721	23,2506	-5,73	24,08	9,92
2637	Shell-Thin	SLE-ENVE	Max	0	0	0	42,9492	25,0059	-1,3664	50,93	6,71
2637	Shell-Thin	SLE-ENVE	Max	0	0	0	27,413	18,2114	-1,7785	50,93	5,52
2637	Shell-Thin	SLE-ENVE	Max	0	0	0	26,3208	17,5646	-2,0999	49,74	5,52
2637	Shell-Thin	SLE-ENVE	Max	0	0	0	41,3614	23,896	-1,6878	49,74	6,71
2637	Shell-Thin	SLE-ENVE	Min	0	0	0	15,5024	13,5528	-2,3535	16,91	5,51
2637	Shell-Thin	SLE-ENVE	Min	0	0	0	7,6912	10,1984	-3,0347	16,91	3,56
2637	Shell-Thin	SLE-ENVE	Min	0	0	0	7,0589	9,5151	-3,8643	16,7	3,56
2637	Shell-Thin	SLE-ENVE	Min	0	0	0	14,7686	12,3504	-3,1831	16,7	5,51
2638	Shell-Thin	SLU-ENVE	Max	0	0	0	81,7096	44,4699	-3,4824	85,34	29,32
2638	Shell-Thin	SLU-ENVE	Max	0	0	0	61,7927	34,4971	-4,3093	85,34	23,32
2638	Shell-Thin	SLU-ENVE	Max	0	0	0	57,5292	29,9056	-4,7168	80,67	23,32
2638	Shell-Thin	SLU-ENVE	Max	0	0	0	76,4276	38,411	-3,8931	80,67	29,32
2638	Shell-Thin	SLU-ENVE	Min	0	0	0	31,6734	23,2573	-6,9042	23,39	17,05
2638	Shell-Thin	SLU-ENVE	Min	0	0	0	20,7911	18,7448	-8,7626	23,39	14,4
2638	Shell-Thin	SLU-ENVE	Min	0	0	0	18,8533	15,5563	-10,1136	24,38	14,4
2638	Shell-Thin	SLU-ENVE	Min	0	0	0	30,2266	19,4067	-8,2507	24,38	17,05
2638	Shell-Thin	SLE-ENVE	Max	0	0	0	41,3615	23,8965	-1,934	49,47	16,29
2638	Shell-Thin	SLE-ENVE	Max	0	0	0	26,3206	17,5638	-2,3936	49,47	12,96
2638	Shell-Thin	SLE-ENVE	Max	0	0	0	23,9517	15,0109	-2,6196	46,87	12,96
2638	Shell-Thin	SLE-ENVE	Max	0	0	0	38,4272	20,5305	-2,1622	46,87	16,29
2638	Shell-Thin	SLE-ENVE	Min	0	0	0	14,7693	12,3541	-3,8352	16,32	9,47
2638	Shell-Thin	SLE-ENVE	Min	0	0	0	7,0593	9,5172	-4,8677	16,32	8,01
2638	Shell-Thin	SLE-ENVE	Min	0	0	0	5,9824	7,7435	-5,6181	16,87	8,01
2638	Shell-Thin	SLE-ENVE	Min	0	0	0	13,9657	10,2151	-4,583	16,87	9,47
2639	Shell-Thin	SLU-ENVE	Max	0	0	0	76,4319	38,4321	-3,9539	79,02	52,02
2639	Shell-Thin	SLU-ENVE	Max	0	0	0	57,532	29,9198	-5,0798	79,02	43,7
2639	Shell-Thin	SLU-ENVE	Max	0	0	0	50,8887	20,5996	-5,4075	71,56	43,7
2639	Shell-Thin	SLU-ENVE	Max	0	0	0	68,6858	27,0781	-4,379	71,56	52,02
2639	Shell-Thin	SLU-ENVE	Min	0	0	0	30,2254	19,4007	-9,2136	24,06	21,74
2639	Shell-Thin	SLU-ENVE	Min	0	0	0	18,8526	15,5529	-11,7039	24,06	22,75
2639	Shell-Thin	SLU-ENVE	Min	0	0	0	16,1502	10,2979	-12,6392	26,6	22,75
2639	Shell-Thin	SLU-ENVE	Min	0	0	0	28,7952	14,3997	-10,1436	26,6	21,74

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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
2639	Shell-Thin	SLE-ENVE	Max	0	0	0	38,4296	20,5423	-2,1956	45,96	28,9
2639	Shell-Thin	SLE-ENVE	Max	0	0	0	23,9532	15,0184	-2,8211	45,96	24,27
2639	Shell-Thin	SLE-ENVE	Max	0	0	0	20,2637	9,8413	-3,003	41,76	24,27
2639	Shell-Thin	SLE-ENVE	Max	0	0	0	34,1262	14,2343	-2,4316	41,76	28,9
2639	Shell-Thin	SLE-ENVE	Min	0	0	0	13,965	10,2118	-5,1179	16,69	12,08
2639	Shell-Thin	SLE-ENVE	Min	0	0	0	5,982	7,7413	-6,5015	16,69	12,64
2639	Shell-Thin	SLE-ENVE	Min	0	0	0	4,4819	4,8228	-7,021	18,1	12,64
2639	Shell-Thin	SLE-ENVE	Min	0	0	0	13,1703	7,4329	-5,6345	18,1	12,08
2640	Shell-Thin	SLU-ENVE	Max	0	0	0	68,6913	27,1054	-4,6557	69,17	55
2640	Shell-Thin	SLU-ENVE	Max	0	0	0	50,8989	20,6506	-5,8258	69,17	46,35
2640	Shell-Thin	SLU-ENVE	Max	0	0	0	43,695	10,8514	-6,147	62,69	46,35
2640	Shell-Thin	SLU-ENVE	Max	0	0	0	61,8375	17,0532	-5,0916	62,69	55
2640	Shell-Thin	SLU-ENVE	Min	0	0	0	28,7907	14,3773	-10,6249	26,56	23,3
2640	Shell-Thin	SLU-ENVE	Min	0	0	0	16,1529	10,3117	-13,4523	26,56	24,38
2640	Shell-Thin	SLU-ENVE	Min	0	0	0	13,1476	4,7449	-13,7567	29,17	24,38
2640	Shell-Thin	SLU-ENVE	Min	0	0	0	27,09	9,079	-10,9597	29,17	23,3
2640	Shell-Thin	SLE-ENVE	Max	0	0	0	34,1292	14,2494	-2,5849	40,35	30,56
2640	Shell-Thin	SLE-ENVE	Max	0	0	0	20,2694	9,8702	-3,2351	40,35	25,76
2640	Shell-Thin	SLE-ENVE	Max	0	0	0	16,2669	4,4242	-3,4133	36,31	25,76
2640	Shell-Thin	SLE-ENVE	Max	0	0	0	29,4464	8,0752	-2,8273	36,31	30,56
2640	Shell-Thin	SLE-ENVE	Min	0	0	0	13,1677	7,4203	-5,9016	18,08	12,95
2640	Shell-Thin	SLE-ENVE	Min	0	0	0	4,4836	4,831	-7,4726	18,08	13,55
2640	Shell-Thin	SLE-ENVE	Min	0	0	0	2,8135	1,7362	-7,6415	19,53	13,55
2640	Shell-Thin	SLE-ENVE	Min	0	0	0	12,2236	4,4765	-6,0874	19,53	12,95
2641	Shell-Thin	SLU-ENVE	Max	0	0	0	63,7888	33,447	0,9746	125,5	0,67
2641	Shell-Thin	SLU-ENVE	Max	0	0	0	12,8351	15,8451	0,9917	125,5	1,03
2641	Shell-Thin	SLU-ENVE	Max	0	0	0	12,8794	15,6355	-0,6114	125,26	1,03
2641	Shell-Thin	SLU-ENVE	Max	0	0	0	63,7468	33,262	-0,6324	125,26	0,67
2641	Shell-Thin	SLU-ENVE	Min	0	0	0	22,3377	19,5608	0,6772	52,72	-0,6
2641	Shell-Thin	SLU-ENVE	Min	0	0	0	-21,1566	7,3887	0,6982	52,72	0,23
2641	Shell-Thin	SLU-ENVE	Min	0	0	0	-21,1026	7,3251	-0,849	52,64	0,23
2641	Shell-Thin	SLU-ENVE	Min	0	0	0	22,3158	19,5572	-0,8661	52,64	-0,6
2641	Shell-Thin	SLE-ENVE	Max	0	0	0	27,4314	16,978	0,5407	71,43	0,37
2641	Shell-Thin	SLE-ENVE	Max	0	0	0	-1,731	7,0305	0,5501	71,43	0,6
2641	Shell-Thin	SLE-ENVE	Max	0	0	0	-1,7051	6,9078	-0,3414	71,29	0,6
2641	Shell-Thin	SLE-ENVE	Max	0	0	0	27,4065	16,8767	-0,3536	71,29	0,37
2641	Shell-Thin	SLE-ENVE	Min	0	0	0	7,9206	9,9677	0,3745	33,41	-0,34
2641	Shell-Thin	SLE-ENVE	Min	0	0	0	-16,5909	3,1371	0,3867	33,41	0,14
2641	Shell-Thin	SLE-ENVE	Min	0	0	0	-16,5599	3,0966	-0,4726	33,36	0,14
2641	Shell-Thin	SLE-ENVE	Min	0	0	0	7,9067	9,9674	-0,482	33,36	-0,34
2642	Shell-Thin	SLU-ENVE	Max	0	0	0	63,7411	33,2335	-1,7934	125,48	4
2642	Shell-Thin	SLU-ENVE	Max	0	0	0	12,8893	15,6849	-2,0515	125,48	1,13
2642	Shell-Thin	SLU-ENVE	Max	0	0	0	12,5479	17,2366	-3,211	125,65	1,13
2642	Shell-Thin	SLU-ENVE	Max	0	0	0	63,8249	35,6976	-2,9529	125,65	4
2642	Shell-Thin	SLU-ENVE	Min	0	0	0	22,3138	19,547	-2,4623	52,02	-8,97
2642	Shell-Thin	SLU-ENVE	Min	0	0	0	-21,0878	7,3995	-2,9531	52,02	-8,23
2642	Shell-Thin	SLU-ENVE	Min	0	0	0	-21,4067	7,2701	-4,8599	50,65	-8,23
2642	Shell-Thin	SLU-ENVE	Min	0	0	0	21,9215	19,968	-4,3691	50,65	-8,97
2642	Shell-Thin	SLE-ENVE	Max	0	0	0	27,4032	16,8603	-0,9979	71,41	2,22
2642	Shell-Thin	SLE-ENVE	Max	0	0	0	-1,6991	6,9375	-1,1437	71,41	0,61
2642	Shell-Thin	SLE-ENVE	Max	0	0	0	-1,893	7,8099	-1,7873	71,51	0,61
2642	Shell-Thin	SLE-ENVE	Max	0	0	0	27,4511	18,2288	-1,6416	71,51	2,22

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**Table: Element Forces - Area Shells**

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
2642	Shell-Thin	SLE-ENVE	Min	0	0	0	7,9054	9,9611	-1,3685	33,01	-4,98
2642	Shell-Thin	SLE-ENVE	Min	0	0	0	-16,5512	3,1398	-1,6422	33,01	-4,62
2642	Shell-Thin	SLE-ENVE	Min	0	0	0	-16,732	3,0763	-2,7013	32,26	-4,62
2642	Shell-Thin	SLE-ENVE	Min	0	0	0	7,689	10,1946	-2,4276	32,26	-4,98
2643	Shell-Thin	SLU-ENVE	Max	0	0	0	63,8211	35,6786	-3,7841	125,98	8,18
2643	Shell-Thin	SLU-ENVE	Max	0	0	0	12,5447	17,2206	-4,3948	125,98	6,06
2643	Shell-Thin	SLU-ENVE	Max	0	0	0	11,6554	16,4936	-5,3055	122,15	6,06
2643	Shell-Thin	SLU-ENVE	Max	0	0	0	61,7761	34,4952	-4,6948	122,15	8,18
2643	Shell-Thin	SLU-ENVE	Min	0	0	0	21,9227	19,9737	-6,326	49,67	6,24
2643	Shell-Thin	SLU-ENVE	Min	0	0	0	-21,4097	7,2554	-6,8541	49,67	2,32
2643	Shell-Thin	SLU-ENVE	Min	0	0	0	-21,2152	6,1038	-8,8408	48,23	2,32
2643	Shell-Thin	SLU-ENVE	Min	0	0	0	20,6757	18,7181	-8,3127	48,23	6,24
2643	Shell-Thin	SLE-ENVE	Max	0	0	0	27,449	18,2186	-2,1041	71,69	4,54
2643	Shell-Thin	SLE-ENVE	Max	0	0	0	-1,895	7,8	-2,4415	71,69	3,37
2643	Shell-Thin	SLE-ENVE	Max	0	0	0	-2,3825	7,3915	-2,9467	69,56	3,37
2643	Shell-Thin	SLE-ENVE	Max	0	0	0	26,3096	17,5623	-2,6093	69,56	4,54
2643	Shell-Thin	SLE-ENVE	Min	0	0	0	7,6897	10,1981	-3,515	31,71	3,46
2643	Shell-Thin	SLE-ENVE	Min	0	0	0	-16,7338	3,0673	-3,8078	31,71	1,31
2643	Shell-Thin	SLE-ENVE	Min	0	0	0	-16,6204	2,4237	-4,9112	30,89	1,31
2643	Shell-Thin	SLE-ENVE	Min	0	0	0	6,9931	9,5019	-4,6184	30,89	3,46
2644	Shell-Thin	SLU-ENVE	Max	0	0	0	61,7758	34,4937	-5,2104	121,37	22,28
2644	Shell-Thin	SLU-ENVE	Max	0	0	0	11,654	16,4868	-6,4266	121,37	15,12
2644	Shell-Thin	SLU-ENVE	Max	0	0	0	9,6242	13,6971	-7,1262	115,93	15,12
2644	Shell-Thin	SLU-ENVE	Max	0	0	0	57,5752	29,9148	-5,9101	115,93	22,28
2644	Shell-Thin	SLU-ENVE	Min	0	0	0	20,6764	18,7218	-10,186	47,39	15,14
2644	Shell-Thin	SLU-ENVE	Min	0	0	0	-21,2167	6,0964	-10,8692	47,39	7,91
2644	Shell-Thin	SLU-ENVE	Min	0	0	0	-21,1255	4,2735	-12,6594	47,77	7,91
2644	Shell-Thin	SLU-ENVE	Min	0	0	0	18,795	15,5446	-11,9762	47,77	15,14
2644	Shell-Thin	SLE-ENVE	Max	0	0	0	26,3094	17,5615	-2,8937	69,12	12,39
2644	Shell-Thin	SLE-ENVE	Max	0	0	0	-2,3833	7,3876	-3,5715	69,12	8,39
2644	Shell-Thin	SLE-ENVE	Max	0	0	0	-3,518	5,8423	-3,9594	66,11	8,39
2644	Shell-Thin	SLE-ENVE	Max	0	0	0	23,9788	15,0163	-3,2816	66,11	12,39
2644	Shell-Thin	SLE-ENVE	Min	0	0	0	6,9936	9,504	-5,6583	30,42	8,42
2644	Shell-Thin	SLE-ENVE	Min	0	0	0	-16,6212	2,4196	-6,0387	30,42	4,38
2644	Shell-Thin	SLE-ENVE	Min	0	0	0	-16,5763	1,4106	-7,0329	30,66	4,38
2644	Shell-Thin	SLE-ENVE	Min	0	0	0	5,9519	7,7373	-6,6525	30,66	8,42
2645	Shell-Thin	SLU-ENVE	Max	0	0	0	57,578	29,9289	-6,2928	113,73	42,59
2645	Shell-Thin	SLU-ENVE	Max	0	0	0	9,6306	13,7293	-7,9158	113,73	28,4
2645	Shell-Thin	SLU-ENVE	Max	0	0	0	6,9776	7,9453	-8,4595	104,25	28,4
2645	Shell-Thin	SLU-ENVE	Max	0	0	0	50,8874	20,5993	-6,8365	104,25	42,59
2645	Shell-Thin	SLU-ENVE	Min	0	0	0	18,7943	15,5412	-13,6025	47,13	21,59
2645	Shell-Thin	SLU-ENVE	Min	0	0	0	-21,1194	4,3038	-14,1681	47,13	11,53
2645	Shell-Thin	SLU-ENVE	Min	0	0	0	-20,4734	1,5154	-15,4136	48,46	11,53
2645	Shell-Thin	SLU-ENVE	Min	0	0	0	16,135	10,2949	-14,8481	48,46	21,59
2645	Shell-Thin	SLE-ENVE	Max	0	0	0	23,9804	15,0239	-3,4949	64,89	23,65
2645	Shell-Thin	SLE-ENVE	Max	0	0	0	-3,5142	5,8612	-4,3945	64,89	15,82
2645	Shell-Thin	SLE-ENVE	Max	0	0	0	-4,9844	2,6374	-4,6961	59,62	15,82
2645	Shell-Thin	SLE-ENVE	Max	0	0	0	20,2618	9,8409	-3,7965	59,62	23,65
2645	Shell-Thin	SLE-ENVE	Min	0	0	0	5,9514	7,7351	-7,5562	30,3	11,99
2645	Shell-Thin	SLE-ENVE	Min	0	0	0	-16,5728	1,4282	-7,8696	30,3	6,43
2645	Shell-Thin	SLE-ENVE	Min	0	0	0	-16,2107	-0,1294	-8,5613	31,02	6,43
2645	Shell-Thin	SLE-ENVE	Min	0	0	0	4,4722	4,8208	-8,2479	31,02	11,99

AUTOSTRADA VALDASTICO A31 NORD  
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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
2646	Shell-Thin	SLU-ENVE	Max	0	0	0	50,8976	20,6503	-7,2522	101,41	45,03
2646	Shell-Thin	SLU-ENVE	Max	0	0	0	6,9696	7,9052	-9,0845	101,41	28,99
2646	Shell-Thin	SLU-ENVE	Max	0	0	0	3,9933	2,1223	-9,5572	91,73	28,99
2646	Shell-Thin	SLU-ENVE	Max	0	0	0	43,7246	10,8573	-7,7249	91,73	45,03
2646	Shell-Thin	SLU-ENVE	Min	0	0	0	16,1378	10,3087	-15,6539	48,18	23,38
2646	Shell-Thin	SLU-ENVE	Min	0	0	0	-20,4893	1,4361	-16,4186	48,18	11,15
2646	Shell-Thin	SLU-ENVE	Min	0	0	0	-19,9902	-2,0126	-16,9399	49,69	11,15
2646	Shell-Thin	SLU-ENVE	Min	0	0	0	13,2456	4,7645	-16,1752	49,69	23,38
2646	Shell-Thin	SLE-ENVE	Max	0	0	0	20,2676	9,8698	-4,0268	58,04	25,03
2646	Shell-Thin	SLE-ENVE	Max	0	0	0	-4,9893	2,6128	-5,0454	58,04	16,08
2646	Shell-Thin	SLE-ENVE	Max	0	0	0	-6,6446	-0,5938	-5,3086	52,66	16,08
2646	Shell-Thin	SLE-ENVE	Max	0	0	0	16,2839	4,4276	-4,2899	52,66	25,03
2646	Shell-Thin	SLE-ENVE	Min	0	0	0	4,4739	4,8291	-8,6953	30,88	13
2646	Shell-Thin	SLE-ENVE	Min	0	0	0	-16,2199	-0,1753	-9,1204	30,88	6,17
2646	Shell-Thin	SLE-ENVE	Min	0	0	0	-15,9441	-2,427	-9,4101	31,72	6,17
2646	Shell-Thin	SLE-ENVE	Min	0	0	0	2,8686	1,7472	-8,985	31,72	13
2647	Shell-Thin	SLU-ENVE	Max	0	0	0	12,5965	15,7974	1,238	149	1,62
2647	Shell-Thin	SLU-ENVE	Max	0	0	0	-51,5287	-7,2906	0,3957	149	0,61
2647	Shell-Thin	SLU-ENVE	Max	0	0	0	-54,5436	-6,5875	-0,9968	156,28	0,61
2647	Shell-Thin	SLU-ENVE	Max	0	0	0	13,614	15,7824	-0,372	156,28	1,62
2647	Shell-Thin	SLU-ENVE	Min	0	0	0	-21,3793	7,3441	0,8003	105,96	0,98
2647	Shell-Thin	SLU-ENVE	Min	0	0	0	-78,6263	-	0,1755	105,96	-1,36
								12,2397			
2647	Shell-Thin	SLU-ENVE	Min	0	0	0	-82,4729	-	-1,5818	112,37	-1,36
								11,6689			
2647	Shell-Thin	SLU-ENVE	Min	0	0	0	-20,1628	7,513	-0,5754	112,37	0,98
2647	Shell-Thin	SLE-ENVE	Max	0	0	0	-1,8769	7,0013	0,6888	84,79	0,97
2647	Shell-Thin	SLE-ENVE	Max	0	0	0	-35,9046	-5,649	0,1912	84,79	0,32
2647	Shell-Thin	SLE-ENVE	Max	0	0	0	-37,766	-5,4859	-0,5809	89,16	0,32
2647	Shell-Thin	SLE-ENVE	Max	0	0	0	-1,2661	6,9955	-0,1963	89,16	0,97
2647	Shell-Thin	SLE-ENVE	Min	0	0	0	-16,7254	3,1102	0,4494	63,62	0,59
2647	Shell-Thin	SLE-ENVE	Min	0	0	0	-50,2481	-8,1158	0,0648	63,62	-0,8
2647	Shell-Thin	SLE-ENVE	Min	0	0	0	-52,4346	-7,7876	-0,8895	67,55	-0,8
2647	Shell-Thin	SLE-ENVE	Min	0	0	0	-16,0126	3,206	-0,3107	67,55	0,59
2648	Shell-Thin	SLU-ENVE	Max	0	0	0	13,6238	15,8318	-2,3014	156,97	-1,05
2648	Shell-Thin	SLU-ENVE	Max	0	0	0	-54,5812	-6,7748	-1,3139	156,97	-1,89
2648	Shell-Thin	SLU-ENVE	Max	0	0	0	-48,1226	-4,9805	-2,5952	145,43	-1,89
2648	Shell-Thin	SLU-ENVE	Max	0	0	0	11,9448	17,116	-3,5827	145,43	-1,05
2648	Shell-Thin	SLU-ENVE	Min	0	0	0	-20,1479	7,5875	-3,7121	112,89	-9,67
2648	Shell-Thin	SLU-ENVE	Min	0	0	0	-82,5445	-	-2,1272	112,89	-13,69
								12,0265			
2648	Shell-Thin	SLU-ENVE	Min	0	0	0	-75,1527	-	-3,9719	102,82	-13,69
								11,1234			
2648	Shell-Thin	SLU-ENVE	Min	0	0	0	-22,3016	7,0912	-5,5147	102,82	-9,67
2648	Shell-Thin	SLE-ENVE	Max	0	0	0	-1,2602	7,0253	-1,301	89,55	-0,64
2648	Shell-Thin	SLE-ENVE	Max	0	0	0	-37,8029	-5,6708	-0,706	89,55	-1,12
2648	Shell-Thin	SLE-ENVE	Max	0	0	0	-33,9878	-4,217	-1,4135	82,67	-1,12
2648	Shell-Thin	SLE-ENVE	Max	0	0	0	-2,2627	7,736	-2,0086	82,67	-0,64
2648	Shell-Thin	SLE-ENVE	Min	0	0	0	-16,0039	3,2493	-2,0709	67,85	-5,45
2648	Shell-Thin	SLE-ENVE	Min	0	0	0	-52,4751	-7,9901	-1,1609	67,85	-7,64
2648	Shell-Thin	SLE-ENVE	Min	0	0	0	-48,3003	-7,4892	-2,182	60,77	-7,64
2648	Shell-Thin	SLE-ENVE	Min	0	0	0	-17,2574	2,9713	-3,0706	60,77	-5,45
2649	Shell-Thin	SLU-ENVE	Max	0	0	0	11,9416	17,1	-4,2312	146,39	3,67

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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
2649	Shell-Thin	SLU-ENVE	Max	0	0	0	-48,1135	-4,9352	-4,8087	146,39	6,34
2649	Shell-Thin	SLU-ENVE	Max	0	0	0	-51,7068	-5,6883	-6,2613	151,87	6,34
2649	Shell-Thin	SLU-ENVE	Max	0	0	0	12,5223	16,667	-5,6837	151,87	3,67
2649	Shell-Thin	SLU-ENVE	Min	0	0	0	-22,3046	7,0764	-6,2874	103,48	1,2
2649	Shell-Thin	SLU-ENVE	Min	0	0	0	-75,1375	-	-6,738	103,48	3,51
								11,0473			
2649	Shell-Thin	SLU-ENVE	Min	0	0	0	-78,7379	-12,483	-8,8281	109,67	3,51
2649	Shell-Thin	SLU-ENVE	Min	0	0	0	-20,2256	6,3017	-8,2907	109,67	1,2
2649	Shell-Thin	SLE-ENVE	Max	0	0	0	-2,2647	7,726	-2,3287	83,23	2,05
2649	Shell-Thin	SLE-ENVE	Max	0	0	0	-33,9825	-4,1906	-2,6841	83,23	3,64
2649	Shell-Thin	SLE-ENVE	Max	0	0	0	-36,0652	-4,6404	-3,4939	86,74	3,64
2649	Shell-Thin	SLE-ENVE	Max	0	0	0	-1,8678	7,4944	-3,1385	86,74	2,05
2649	Shell-Thin	SLE-ENVE	Min	0	0	0	-17,2592	2,9622	-3,4853	60,7	0,69
2649	Shell-Thin	SLE-ENVE	Min	0	0	0	-48,2917	-7,4461	-3,7542	60,7	2,28
2649	Shell-Thin	SLE-ENVE	Min	0	0	0	-50,3568	-8,2673	-4,9177	66,08	2,28
2649	Shell-Thin	SLE-ENVE	Min	0	0	0	-16,0436	2,5391	-4,589	66,08	0,69
2650	Shell-Thin	SLU-ENVE	Max	0	0	0	12,5209	16,6601	-7,5439	151,03	10,4
2650	Shell-Thin	SLU-ENVE	Max	0	0	0	-51,7015	-5,6619	-7,2447	151,03	-2,55
2650	Shell-Thin	SLU-ENVE	Max	0	0	0	-46,5581	-4,8364	-8,5463	134,07	-2,55
2650	Shell-Thin	SLU-ENVE	Max	0	0	0	9,1383	13,6	-8,8454	134,07	10,4
2650	Shell-Thin	SLU-ENVE	Min	0	0	0	-20,2271	6,2943	-11,1616	109,05	4,59
2650	Shell-Thin	SLU-ENVE	Min	0	0	0	-78,7294	-	-10,1539	109,05	-10,49
								12,4404			
2650	Shell-Thin	SLU-ENVE	Min	0	0	0	-70,6542	-	-12,0381	94,99	-10,49
								11,0484			
2650	Shell-Thin	SLU-ENVE	Min	0	0	0	-21,9573	4,1072	-12,9606	94,99	4,59
2650	Shell-Thin	SLE-ENVE	Max	0	0	0	-1,8686	7,4906	-4,2107	86,27	5,75
2650	Shell-Thin	SLE-ENVE	Max	0	0	0	-36,0622	-4,6257	-4,0104	86,27	-1,75
2650	Shell-Thin	SLE-ENVE	Max	0	0	0	-33,119	-4,1358	-4,7363	76,39	-1,75
2650	Shell-Thin	SLE-ENVE	Max	0	0	0	-3,8225	5,7814	-4,9367	76,39	5,75
2650	Shell-Thin	SLE-ENVE	Min	0	0	0	-16,0444	2,535	-6,2079	65,73	2,53
2650	Shell-Thin	SLE-ENVE	Min	0	0	0	-50,3521	-8,2437	-5,6281	65,73	-5,94
2650	Shell-Thin	SLE-ENVE	Min	0	0	0	-45,8015	-7,4411	-6,6773	56,13	-5,94
2650	Shell-Thin	SLE-ENVE	Min	0	0	0	-17,0666	1,3126	-7,2195	56,13	2,53
2651	Shell-Thin	SLU-ENVE	Max	0	0	0	9,1447	13,6321	-9,2141	131,59	22,71
2651	Shell-Thin	SLU-ENVE	Max	0	0	0	-46,5843	-4,9673	-10,4642	131,59	15,78
2651	Shell-Thin	SLU-ENVE	Max	0	0	0	-51,3075	-8,0429	-11,3234	128,92	15,78
2651	Shell-Thin	SLU-ENVE	Max	0	0	0	7,5673	8,0633	-10,0733	128,92	22,71
2651	Shell-Thin	SLU-ENVE	Min	0	0	0	-21,9512	4,1374	-14,0443	93,26	8,76
2651	Shell-Thin	SLU-ENVE	Min	0	0	0	-70,6885	-	-14,2608	93,26	1,65
								11,2095			
2651	Shell-Thin	SLU-ENVE	Min	0	0	0	-72,8937	-12,201	-15,5132	93,07	1,65
2651	Shell-Thin	SLU-ENVE	Min	0	0	0	-19,7587	1,6583	-15,2967	93,07	8,76
2651	Shell-Thin	SLE-ENVE	Max	0	0	0	-3,8187	5,8003	-5,1014	74,99	12,69
2651	Shell-Thin	SLE-ENVE	Max	0	0	0	-33,1337	-4,2097	-5,8426	74,99	8,81
2651	Shell-Thin	SLE-ENVE	Max	0	0	0	-36,0296	-5,9173	-6,3157	73,97	8,81
2651	Shell-Thin	SLE-ENVE	Max	0	0	0	-4,6259	2,7091	-5,5744	73,97	12,69
2651	Shell-Thin	SLE-ENVE	Min	0	0	0	-17,0631	1,3302	-7,7865	55,31	4,93
2651	Shell-Thin	SLE-ENVE	Min	0	0	0	-45,8207	-7,5372	-7,9476	55,31	0,98
2651	Shell-Thin	SLE-ENVE	Min	0	0	0	-47,1146	-8,0872	-8,6395	56,84	0,98
2651	Shell-Thin	SLE-ENVE	Min	0	0	0	-15,7885	-0,0449	-8,4784	56,84	4,93
2652	Shell-Thin	SLU-ENVE	Max	0	0	0	7,5593	8,0231	-11,1481	125,58	21,7
2652	Shell-Thin	SLU-ENVE	Max	0	0	0	-51,2715	-7,7137	-11,3117	125,58	11,78



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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
2652	Shell-Thin	SLU-ENVE	Max	0	0	0	-48,7695	-9,1105	-11,5927	107,85	11,78
2652	Shell-Thin	SLU-ENVE	Max	0	0	0	3,7032	2,0643	-11,4292	107,85	21,7
2652	Shell-Thin	SLU-ENVE	Min	0	0	0	-19,7746	1,579	-16,7386	90,68	6,77
2652	Shell-Thin	SLU-ENVE	Min	0	0	0	-72,8253	-	-15,6693	90,68	-2,14
								11,8589			
2652	Shell-Thin	SLU-ENVE	Min	0	0	0	-66,8385	-	-16,1059	77,01	-2,14
								12,5825			
2652	Shell-Thin	SLU-ENVE	Min	0	0	0	-20,2153	-2,0472	-17,1753	77,01	6,77
2652	Shell-Thin	SLE-ENVE	Max	0	0	0	-4,6308	2,6845	-6,2043	72,11	12
2652	Shell-Thin	SLE-ENVE	Max	0	0	0	-35,992	-5,7294	-6,2581	72,11	6,57
2652	Shell-Thin	SLE-ENVE	Max	0	0	0	-34,9687	-7,045	-6,4086	61,93	6,57
2652	Shell-Thin	SLE-ENVE	Max	0	0	0	-6,819	-0,6287	-6,3549	61,93	12
2652	Shell-Thin	SLE-ENVE	Min	0	0	0	-15,7977	-0,0909	-9,308	55,5	3,72
2652	Shell-Thin	SLE-ENVE	Min	0	0	0	-47,0759	-7,8934	-8,6817	55,5	-1,16
2652	Shell-Thin	SLE-ENVE	Min	0	0	0	-43,701	-8,3066	-8,9193	47,53	-1,16
2652	Shell-Thin	SLE-ENVE	Min	0	0	0	-16,08	-2,4493	-9,5456	47,53	3,72
2653	Shell-Thin	SLU-ENVE	Max	0	0	0	-50,9859	-7,1808	-1,641	203,74	-3,11
2653	Shell-Thin	SLU-ENVE	Max	0	0	0	-98,218	-	-0,706	203,74	-80,93
								25,2408			
2653	Shell-Thin	SLU-ENVE	Max	0	0	0	-87,2008	-2,9207	-0,8844	135,07	-80,93
2653	Shell-Thin	SLU-ENVE	Max	0	0	0	-55,6059	-6,8118	-1,703	135,07	-3,11
2653	Shell-Thin	SLU-ENVE	Min	0	0	0	-77,9433	-	-2,9767	154,86	-4,74
								12,1031			
2653	Shell-Thin	SLU-ENVE	Min	0	0	0	-135,9422	-	-1,6376	154,86	-135,23
								36,5071			
2653	Shell-Thin	SLU-ENVE	Min	0	0	0	-117,682	-6,2835	-1,2747	92,23	-135,23
2653	Shell-Thin	SLU-ENVE	Min	0	0	0	-84,2949	-	-2,6139	92,23	-4,74
								12,0333			
2653	Shell-Thin	SLE-ENVE	Max	0	0	0	-35,5907	-5,5863	-1,0273	114,55	-1,83
2653	Shell-Thin	SLE-ENVE	Max	0	0	0	-65,4089	-	-0,4656	114,55	-49,69
								16,5147			
2653	Shell-Thin	SLE-ENVE	Max	0	0	0	-58,6415	-2,7708	-0,5202	75,01	-49,69
2653	Shell-Thin	SLE-ENVE	Max	0	0	0	-38,6635	-5,6654	-1,0235	75,01	-1,83
2653	Shell-Thin	SLE-ENVE	Min	0	0	0	-49,8594	-8,0381	-1,703	91,73	-2,74
2653	Shell-Thin	SLE-ENVE	Min	0	0	0	-82,496	-21,793	-0,9419	91,73	-76,83
2653	Shell-Thin	SLE-ENVE	Min	0	0	0	-72,1189	-4,9859	-0,7202	53,32	-76,83
2653	Shell-Thin	SLE-ENVE	Min	0	0	0	-53,4687	-7,9944	-1,4813	53,32	-2,74
2654	Shell-Thin	SLU-ENVE	Max	0	0	0	-55,6434	-6,9991	2,0612	142,95	0,33
2654	Shell-Thin	SLU-ENVE	Max	0	0	0	-87,1126	-2,1997	0,7316	142,95	198,12
2654	Shell-Thin	SLU-ENVE	Max	0	0	0	-101,7998	-	-1,0125	251,43	198,12
								33,1129			
2654	Shell-Thin	SLU-ENVE	Max	0	0	0	-46,2342	-4,6028	0,2295	251,43	0,33
2654	Shell-Thin	SLU-ENVE	Min	0	0	0	-84,3665	-	0,0881	98,39	-9,32
								12,3909			
2654	Shell-Thin	SLU-ENVE	Min	0	0	0	-117,515	-5,8292	-0,6262	98,39	114,05
2654	Shell-Thin	SLU-ENVE	Min	0	0	0	-143,5643	-	-2,4268	180,37	114,05
								51,3957			
2654	Shell-Thin	SLU-ENVE	Min	0	0	0	-73,0217	-	-1,7124	180,37	-9,32
								10,7334			
2654	Shell-Thin	SLE-ENVE	Max	0	0	0	-38,7005	-5,8503	1,1928	79,5	0,28
2654	Shell-Thin	SLE-ENVE	Max	0	0	0	-58,5876	-2,3586	0,4412	79,5	112,49
2654	Shell-Thin	SLE-ENVE	Max	0	0	0	-67,6295	-	-0,5333	141,69	112,49
								21,3468			
2654	Shell-Thin	SLE-ENVE	Max	0	0	0	-32,9059	-4,0006	0,1711	141,69	0,28

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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
2654	Shell-Thin	SLE-ENVE	Min	0	0	0	-53,5092	-8,1969	0,1667	56,92	-5,13
2654	Shell-Thin	SLE-ENVE	Min	0	0	0	-72,0244	-4,7123	-0,2832	56,92	70,06
2654	Shell-Thin	SLE-ENVE	Min	0	0	0	-86,8149	-	-1,2941	107,74	70,06
								30,2303			
2654	Shell-Thin	SLE-ENVE	Min	0	0	0	-47,0919	-7,2475	-0,8442	107,74	-5,13
2655	Shell-Thin	SLU-ENVE	Max	0	0	0	-46,2251	-4,5576	-5,9982	250,99	-0,26
2655	Shell-Thin	SLU-ENVE	Max	0	0	0	-101,8079	-	-4,465	250,99	-117,6
								33,1534			
2655	Shell-Thin	SLU-ENVE	Max	0	0	0	-85,6995	0,4292	-5,8833	146,44	-117,6
2655	Shell-Thin	SLU-ENVE	Max	0	0	0	-53,3385	-6,0147	-7,4165	146,44	-0,26
2655	Shell-Thin	SLU-ENVE	Min	0	0	0	-73,0065	-	-8,5613	180,66	-1,4
								10,6773			
2655	Shell-Thin	SLU-ENVE	Min	0	0	0	-143,5944	-	-5,9989	180,66	-214,8
								51,5464			
2655	Shell-Thin	SLU-ENVE	Min	0	0	0	-114,6196	-6,1121	-7,7241	98,58	-214,8
2655	Shell-Thin	SLU-ENVE	Min	0	0	0	-80,7939	-	-9,8399	98,58	-1,4
								12,8942			
2655	Shell-Thin	SLE-ENVE	Max	0	0	0	-32,9007	-3,9742	-3,4379	141,43	0,004697
2655	Shell-Thin	SLE-ENVE	Max	0	0	0	-67,635	-	-2,5383	141,43	-71,91
								21,3739			
2655	Shell-Thin	SLE-ENVE	Max	0	0	0	-57,8786	-0,9088	-3,3291	81,56	-71,91
2655	Shell-Thin	SLE-ENVE	Max	0	0	0	-37,0032	-4,828	-4,2287	81,56	0,004697
2655	Shell-Thin	SLE-ENVE	Min	0	0	0	-47,0832	-7,2044	-4,7949	107,87	-0,68
2655	Shell-Thin	SLE-ENVE	Min	0	0	0	-86,832	-	-3,383	107,87	-121,71
								30,3157			
2655	Shell-Thin	SLE-ENVE	Min	0	0	0	-70,4441	-4,8887	-4,3439	57,19	-121,71
2655	Shell-Thin	SLE-ENVE	Min	0	0	0	-51,5227	-8,5005	-5,5061	57,19	-0,68
2656	Shell-Thin	SLU-ENVE	Max	0	0	0	-53,3332	-5,9882	-4,4718	145,27	-4,69
2656	Shell-Thin	SLU-ENVE	Max	0	0	0	-85,7143	0,345	-4,0022	145,27	186,87
2656	Shell-Thin	SLU-ENVE	Max	0	0	0	-95,2359	-	-4,764	229,97	186,87
								30,4278			
2656	Shell-Thin	SLU-ENVE	Max	0	0	0	-44,7786	-4,4805	-5,2336	229,97	-4,69
2656	Shell-Thin	SLU-ENVE	Min	0	0	0	-80,7854	-	-7,5876	97,03	-10,36
								12,8516			
2656	Shell-Thin	SLU-ENVE	Min	0	0	0	-114,6426	-6,2107	-6,7926	97,03	100,28
2656	Shell-Thin	SLU-ENVE	Min	0	0	0	-133,8093	-	-8,0703	161,92	100,28
								47,4404			
2656	Shell-Thin	SLU-ENVE	Min	0	0	0	-68,7221	-	-8,8653	161,92	-10,36
								10,7468			
2656	Shell-Thin	SLE-ENVE	Max	0	0	0	-37,0002	-4,8133	-2,4079	80,9	-2,81
2656	Shell-Thin	SLE-ENVE	Max	0	0	0	-57,8869	-0,9556	-2,1813	80,9	106,19
2656	Shell-Thin	SLE-ENVE	Max	0	0	0	-63,9844	-	-2,6065	129,75	106,19
								19,8599			
2656	Shell-Thin	SLE-ENVE	Max	0	0	0	-32,0976	-3,9315	-2,8331	129,75	-2,81
2656	Shell-Thin	SLE-ENVE	Min	0	0	0	-51,518	-8,4768	-4,1217	56,33	-5,83
2656	Shell-Thin	SLE-ENVE	Min	0	0	0	-70,4569	-4,9435	-3,722	56,33	62,29
2656	Shell-Thin	SLE-ENVE	Min	0	0	0	-81,3965	-	-4,4343	97,46	62,29
								28,0347			
2656	Shell-Thin	SLE-ENVE	Min	0	0	0	-44,7035	-7,2215	-4,834	97,46	-5,83
2657	Shell-Thin	SLU-ENVE	Max	0	0	0	-44,8048	-4,6114	-11,2215	231,28	5,19
2657	Shell-Thin	SLU-ENVE	Max	0	0	0	-95,2054	-	-7,9934	231,28	-106,07
								30,2753			
2657	Shell-Thin	SLU-ENVE	Max	0	0	0	-77,3266	-2,8887	-9,2738	117,36	-106,07
2657	Shell-Thin	SLU-ENVE	Max	0	0	0	-52,1325	-8,2877	-12,41	117,36	5,19

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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
2657	Shell-Thin	SLU-ENVE	Min	0	0	0	-68,7563	-	-14,1045	162	-7,37
								10,8756			
2657	Shell-Thin	SLU-ENVE	Min	0	0	0	-133,7412	-	-11,0427	162	-187,47
								47,0996			
2657	Shell-Thin	SLU-ENVE	Min	0	0	0	-102,9431	-6,0883	-12,3688	85,19	-187,47
2657	Shell-Thin	SLU-ENVE	Min	0	0	0	-74,3541	-	-15,4306	85,19	-7,37
								12,4931			
2657	Shell-Thin	SLE-ENVE	Max	0	0	0	-32,1124	-4,0054	-6,3584	130,5	2,83
2657	Shell-Thin	SLE-ENVE	Max	0	0	0	-63,9665	-	-4,4859	130,5	-65,63
								19,7705			
2657	Shell-Thin	SLE-ENVE	Max	0	0	0	-53,152	-2,7416	-5,2058	65,29	-65,63
2657	Shell-Thin	SLE-ENVE	Max	0	0	0	-36,7389	-6,0592	-7,0309	65,29	2,83
2657	Shell-Thin	SLE-ENVE	Min	0	0	0	-44,7228	-7,3176	-7,9437	97,54	-4,13
2657	Shell-Thin	SLE-ENVE	Min	0	0	0	-81,3583	-	-6,19	97,54	-106,56
								27,8437			
2657	Shell-Thin	SLE-ENVE	Min	0	0	0	-63,9301	-4,8566	-6,9373	49,58	-106,56
2657	Shell-Thin	SLE-ENVE	Min	0	0	0	-47,9479	-8,2539	-8,691	49,58	-4,13
2658	Shell-Thin	SLU-ENVE	Max	0	0	0	-52,0965	-7,9585	-9,3892	107,5	7,18
2658	Shell-Thin	SLU-ENVE	Max	0	0	0	-77,4166	-3,6324	-7,7676	107,5	90,37
2658	Shell-Thin	SLU-ENVE	Max	0	0	0	-80,1697	-	-7,13	135,55	90,37
								20,2887			
2658	Shell-Thin	SLU-ENVE	Max	0	0	0	-48,4982	-9,0327	-8,7515	135,55	7,18
2658	Shell-Thin	SLU-ENVE	Min	0	0	0	-74,2856	-12,151	-13,0738	78,13	-5,33
2658	Shell-Thin	SLU-ENVE	Min	0	0	0	-103,1141	-6,5417	-11,4386	78,13	53,24
2658	Shell-Thin	SLU-ENVE	Min	0	0	0	-108,067	-	-11,0966	103,4	53,24
								28,8496			
2658	Shell-Thin	SLU-ENVE	Min	0	0	0	-66,3004	-	-12,7318	103,4	-5,33
								12,4749			
2658	Shell-Thin	SLE-ENVE	Max	0	0	0	-36,7013	-5,8712	-5,1615	59,69	4,09
2658	Shell-Thin	SLE-ENVE	Max	0	0	0	-53,2069	-3,1664	-4,2953	59,69	51,91
2658	Shell-Thin	SLE-ENVE	Max	0	0	0	-55,3838	-	-3,9017	76,61	51,91
								13,7639			
2658	Shell-Thin	SLE-ENVE	Max	0	0	0	-34,7514	-6,9973	-4,768	76,61	4,09
2658	Shell-Thin	SLE-ENVE	Min	0	0	0	-47,9091	-8,06	-7,1963	45,49	-2,88
2658	Shell-Thin	SLE-ENVE	Min	0	0	0	-64,0268	-5,1297	-6,3304	45,49	34,3
2658	Shell-Thin	SLE-ENVE	Min	0	0	0	-67,0117	-	-6,0925	63,63	34,3
								17,5392			
2658	Shell-Thin	SLE-ENVE	Min	0	0	0	-43,3928	-8,245	-6,9583	63,63	-2,88
2659	Shell-Thin	SLU-ENVE	Max	0	0	0	-98,3338	-	3,7533	-86,75	-81,34
								25,2639			
2659	Shell-Thin	SLU-ENVE	Max	0	0	0	-79,4521	-18,261	4,6871	-86,75	-14,27
2659	Shell-Thin	SLU-ENVE	Max	0	0	0	-82,9056	-	1,6671	-7,3	-14,27
								15,4061			
2659	Shell-Thin	SLU-ENVE	Max	0	0	0	-86,9622	-2,8534	0,7333	-7,3	-81,34
2659	Shell-Thin	SLU-ENVE	Min	0	0	0	-136,1313	-36,545	2,3339	-188,59	-135,92
2659	Shell-Thin	SLU-ENVE	Min	0	0	0	-95,9973	-	2,9043	-188,59	-21,57
								22,4956			
2659	Shell-Thin	SLU-ENVE	Min	0	0	0	-101,8526	-	0,9905	-64,98	-21,57
								18,2699			
2659	Shell-Thin	SLU-ENVE	Min	0	0	0	-117,2656	-6,2304	0,4023	-64,98	-135,92
2659	Shell-Thin	SLE-ENVE	Max	0	0	0	-65,4794	-	2,1223	-56,28	-49,94
								16,5288			
2659	Shell-Thin	SLE-ENVE	Max	0	0	0	-53,3198	-	2,6533	-56,28	-8,77
								12,0299			
2659	Shell-Thin	SLE-ENVE	Max	0	0	0	-55,4387	-10,276	0,9519	-7,84	-8,77

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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
2659	Shell-Thin	SLE-ENVE	Max	0	0	0	-58,4944	-2,732	0,4209	-7,84	-49,94
2659	Shell-Thin	SLE-ENVE	Min	0	0	0	-82,6033	-	1,4057	-108,93	-77,22
								21,8144			
2659	Shell-Thin	SLE-ENVE	Min	0	0	0	-59,4554	-	1,7567	-108,93	-12,29
								13,7395			
2659	Shell-Thin	SLE-ENVE	Min	0	0	0	-62,7803	-	0,6272	-38,7	-12,29
								11,5509			
2659	Shell-Thin	SLE-ENVE	Min	0	0	0	-71,8824	-4,9539	0,2605	-38,7	-77,22
2660	Shell-Thin	SLU-ENVE	Max	0	0	0	-86,874	-2,1324	-3,219	-15,72	198,58
2660	Shell-Thin	SLU-ENVE	Max	0	0	0	-82,9427	-	-3,7128	-15,72	20
								15,5916			
2660	Shell-Thin	SLU-ENVE	Max	0	0	0	-76,8885	-18,697	-4,1668	-124,27	20
2660	Shell-Thin	SLU-ENVE	Max	0	0	0	-102,1067	-	-3,6731	-124,27	198,58
								33,1742			
2660	Shell-Thin	SLU-ENVE	Min	0	0	0	-117,0986	-5,7761	-5,2094	-75,87	114,36
2660	Shell-Thin	SLU-ENVE	Min	0	0	0	-101,9279	-	-6,0349	-75,87	14,42
								18,6461			
2660	Shell-Thin	SLU-ENVE	Min	0	0	0	-90,2216	-	-6,0308	-269,59	14,42
								21,9293			
2660	Shell-Thin	SLU-ENVE	Min	0	0	0	-144,1369	-	-5,2053	-269,59	114,36
								51,5103			
2660	Shell-Thin	SLE-ENVE	Max	0	0	0	-58,4406	-2,3198	-1,9049	-12,66	112,75
2660	Shell-Thin	SLE-ENVE	Max	0	0	0	-55,4615	-	-2,221	-12,66	11,58
								10,3899			
2660	Shell-Thin	SLE-ENVE	Max	0	0	0	-51,7991	-	-2,4543	-79,16	11,58
								12,3043			
2660	Shell-Thin	SLE-ENVE	Max	0	0	0	-67,8168	-	-2,1381	-79,16	112,75
								21,3842			
2660	Shell-Thin	SLE-ENVE	Min	0	0	0	-71,7879	-4,6803	-2,9376	-44,86	70,26
2660	Shell-Thin	SLE-ENVE	Min	0	0	0	-62,8229	-	-3,4116	-44,86	8,7
								11,6722			
2660	Shell-Thin	SLE-ENVE	Min	0	0	0	-57,0742	-	-3,4021	-154,67	8,7
								13,6897			
2660	Shell-Thin	SLE-ENVE	Min	0	0	0	-87,1391	-	-2,9282	-154,67	70,26
								30,2951			
2661	Shell-Thin	SLU-ENVE	Max	0	0	0	-102,1147	-	-0,0777	-123,37	-118,73
								33,2147			
2661	Shell-Thin	SLU-ENVE	Max	0	0	0	-76,8795	-	1,8547	-123,37	-15,58
								18,6519			
2661	Shell-Thin	SLU-ENVE	Max	0	0	0	-80,479	-	1,5048	-17,57	-15,58
								16,2019			
2661	Shell-Thin	SLU-ENVE	Max	0	0	0	-85,4363	0,5162	-0,4276	-17,57	-118,73
2661	Shell-Thin	SLU-ENVE	Min	0	0	0	-144,1671	-	-2,4275	-268,4	-215,81
								51,6609			
2661	Shell-Thin	SLU-ENVE	Min	0	0	0	-90,2072	-	-0,9642	-268,4	-28,6
								21,8571			
2661	Shell-Thin	SLU-ENVE	Min	0	0	0	-97,3723	-	-1,8106	-82,5	-28,6
								18,3832			
2661	Shell-Thin	SLU-ENVE	Min	0	0	0	-114,1528	-6,059	-3,2738	-82,5	-215,81
2661	Shell-Thin	SLE-ENVE	Max	0	0	0	-67,8222	-	-0,0112	-78,59	-72,56
								21,4114			
2661	Shell-Thin	SLE-ENVE	Max	0	0	0	-51,7934	-	1,0735	-78,59	-9,23
								12,2761			
2661	Shell-Thin	SLE-ENVE	Max	0	0	0	-54,1043	-	0,8802	-13,81	-9,23
								10,6574			
2661	Shell-Thin	SLE-ENVE	Max	0	0	0	-57,7159	-0,8589	-0,2045	-13,81	-72,56

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**Table: Element Forces - Area Shells**

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
2661	Shell-Thin	SLE-ENVE	Min	0	0	0	-87,1561	-	-1,2689	-153,98	-122,28
								30,3805			
2661	Shell-Thin	SLE-ENVE	Min	0	0	0	-57,0698	-13,668	-0,429	-153,98	-16,1
2661	Shell-Thin	SLE-ENVE	Min	0	0	0	-60,2972	-12,05	-0,8974	-48,64	-16,1
2661	Shell-Thin	SLE-ENVE	Min	0	0	0	-70,1789	-4,8564	-1,7373	-48,64	-122,28
2662	Shell-Thin	SLU-ENVE	Max	0	0	0	-85,4512	0,4319	-6,0881	-16,73	187,72
2662	Shell-Thin	SLU-ENVE	Max	0	0	0	-80,4732	-	-5,767	-16,73	9,65
								16,1727			
2662	Shell-Thin	SLU-ENVE	Max	0	0	0	-72,738	-	-6,369	-110,27	9,65
								17,2452			
2662	Shell-Thin	SLU-ENVE	Max	0	0	0	-95,5074	-	-6,6866	-110,27	187,72
								30,4821			
2662	Shell-Thin	SLU-ENVE	Min	0	0	0	-114,1758	-6,1576	-7,8342	-81,64	99,23
2662	Shell-Thin	SLU-ENVE	Min	0	0	0	-97,3646	-	-7,527	-81,64	-0,18
								18,3507			
2662	Shell-Thin	SLU-ENVE	Min	0	0	0	-85,419	-	-8,6641	-242,15	-0,18
								19,8746			
2662	Shell-Thin	SLU-ENVE	Min	0	0	0	-134,3316	-	-8,9713	-242,15	99,23
								47,5449			
2662	Shell-Thin	SLE-ENVE	Max	0	0	0	-57,7241	-0,9057	-3,4501	-13,34	106,67
2662	Shell-Thin	SLE-ENVE	Max	0	0	0	-54,101	-	-3,2958	-13,34	5,58
								10,6407			
2662	Shell-Thin	SLE-ENVE	Max	0	0	0	-49,4932	-	-3,6267	-71,32	5,58
								11,4947			
2662	Shell-Thin	SLE-ENVE	Max	0	0	0	-64,152	-	-3,7809	-71,32	106,67
								19,8934			
2662	Shell-Thin	SLE-ENVE	Min	0	0	0	-70,1917	-4,9111	-4,4341	-48,16	61,74
2662	Shell-Thin	SLE-ENVE	Min	0	0	0	-60,2929	-	-4,2426	-48,16	0,4
								12,0319			
2662	Shell-Thin	SLE-ENVE	Min	0	0	0	-54,0777	-	-4,8731	-139,4	0,4
								12,6084			
2662	Shell-Thin	SLE-ENVE	Min	0	0	0	-81,6926	-	-5,0286	-139,4	61,74
								28,0939			
2663	Shell-Thin	SLU-ENVE	Max	0	0	0	-95,4769	-	-2,4887	-113,27	-108,55
								30,3296			
2663	Shell-Thin	SLU-ENVE	Max	0	0	0	-72,7577	-	0,2311	-113,27	-24,38
								17,3433			
2663	Shell-Thin	SLU-ENVE	Max	0	0	0	-73,6265	-	0,9118	-14,55	-24,38
								13,7101			
2663	Shell-Thin	SLU-ENVE	Max	0	0	0	-77,1284	-2,8295	-1,8079	-14,55	-108,55
2663	Shell-Thin	SLU-ENVE	Min	0	0	0	-134,2634	-	-6,6828	-246,77	-187,7
								47,2041			
2663	Shell-Thin	SLU-ENVE	Min	0	0	0	-85,4537	-	-4,4391	-246,77	-31,22
								20,0482			
2663	Shell-Thin	SLU-ENVE	Min	0	0	0	-91,3228	-	-4,6699	-59,12	-31,22
								16,2022			
2663	Shell-Thin	SLU-ENVE	Min	0	0	0	-102,6015	-6,0453	-6,9136	-59,12	-187,7
2663	Shell-Thin	SLE-ENVE	Max	0	0	0	-64,1341	-19,804	-1,3477	-73,04	-67,03
2663	Shell-Thin	SLE-ENVE	Max	0	0	0	-49,5047	-	0,1784	-73,04	-14,32
								11,5523			
2663	Shell-Thin	SLE-ENVE	Max	0	0	0	-50,2869	-9,3448	0,5638	-12,24	-14,32
2663	Shell-Thin	SLE-ENVE	Max	0	0	0	-53,0274	-2,7073	-0,9623	-12,24	-67,03
2663	Shell-Thin	SLE-ENVE	Min	0	0	0	-81,6544	-	-3,6289	-141,99	-106,71
								27,9029			
2663	Shell-Thin	SLE-ENVE	Min	0	0	0	-54,0893	-	-2,3462	-141,99	-17,81
								12,6665			

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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
2663	Shell-Thin	SLE-ENVE	Min	0	0	0	-56,9324	-	-2,4578	-35,56	-17,81
								10,2557			
2663	Shell-Thin	SLE-ENVE	Min	0	0	0	-63,7351	-4,8301	-3,7405	-35,56	-106,71
2664	Shell-Thin	SLU-ENVE	Max	0	0	0	-77,2184	-3,5731	-6,1996	-7,75	91,34
2664	Shell-Thin	SLU-ENVE	Max	0	0	0	-73,5935	-13,545	-5,0435	-7,75	7,8
2664	Shell-Thin	SLU-ENVE	Max	0	0	0	-67,0015	-	-7,0496	-61,21	7,8
								14,3115			
2664	Shell-Thin	SLU-ENVE	Max	0	0	0	-80,2481	-	-8,0619	-61,21	91,34
								20,3044			
2664	Shell-Thin	SLU-ENVE	Min	0	0	0	-102,7725	-6,4986	-10,0417	-48,43	51,33
2664	Shell-Thin	SLU-ENVE	Min	0	0	0	-91,2488	-	-8,7559	-48,43	-2,71
								15,8326			
2664	Shell-Thin	SLU-ENVE	Min	0	0	0	-84,1798	-	-10,2668	-110,81	-2,71
								19,2878			
2664	Shell-Thin	SLU-ENVE	Min	0	0	0	-108,1801	-	-11,5525	-110,81	51,33
								28,8722			
2664	Shell-Thin	SLE-ENVE	Max	0	0	0	-53,0822	-3,1322	-3,4753	-8,09	52,46
2664	Shell-Thin	SLE-ENVE	Max	0	0	0	-50,2664	-9,2423	-2,8293	-8,09	4,64
2664	Shell-Thin	SLE-ENVE	Max	0	0	0	-46,4045	-9,8361	-4,0189	-42,09	4,64
2664	Shell-Thin	SLE-ENVE	Max	0	0	0	-55,4334	-	-4,5569	-42,09	52,46
								13,7738			
2664	Shell-Thin	SLE-ENVE	Min	0	0	0	-63,8319	-5,1032	-5,6171	-29,51	33,27
2664	Shell-Thin	SLE-ENVE	Min	0	0	0	-56,8906	-	-4,9327	-29,51	-0,77
								10,1476			
2664	Shell-Thin	SLE-ENVE	Min	0	0	0	-52,892	-	-5,8298	-65,72	-0,77
								11,9578			
2664	Shell-Thin	SLE-ENVE	Min	0	0	0	-67,0767	-	-6,5141	-65,72	33,27
								17,5522			
2665	Shell-Thin	SLU-ENVE	Max	0	0	0	-79,7755	-	1,3624	-54,14	-10,9
								18,3257			
2665	Shell-Thin	SLU-ENVE	Max	0	0	0	-49,1552	-	0,2523	-54,14	3,35
								12,4598			
2665	Shell-Thin	SLU-ENVE	Max	0	0	0	-47,7665	-	-0,3526	-59,89	3,35
								12,6571			
2665	Shell-Thin	SLU-ENVE	Max	0	0	0	-81,8742	-	0,8898	-59,89	-10,9
								15,1998			
2665	Shell-Thin	SLU-ENVE	Min	0	0	0	-96,5375	-	0,9824	-92,87	-16,18
								22,6036			
2665	Shell-Thin	SLU-ENVE	Min	0	0	0	-58,8356	-	0,0838	-92,87	2,15
								15,9773			
2665	Shell-Thin	SLU-ENVE	Min	0	0	0	-57,957	-	-0,4547	-102,77	2,15
								16,1341			
2665	Shell-Thin	SLU-ENVE	Min	0	0	0	-100,0972	-	0,4284	-102,77	-16,18
								17,9188			
2665	Shell-Thin	SLE-ENVE	Max	0	0	0	-53,523	-	0,7704	-36,39	-6,7
								12,0706			
2665	Shell-Thin	SLE-ENVE	Max	0	0	0	-31,4468	-7,7417	0,1369	-36,39	1,93
2665	Shell-Thin	SLE-ENVE	Max	0	0	0	-30,6633	-7,861	-0,2073	-39,91	1,93
2665	Shell-Thin	SLE-ENVE	Max	0	0	0	-54,8099	-	0,504	-39,91	-6,7
								10,1503			
2665	Shell-Thin	SLE-ENVE	Min	0	0	0	-59,7641	-	0,5896	-55,57	-9,22
								13,8012			
2665	Shell-Thin	SLE-ENVE	Min	0	0	0	-38,7126	-	0,0424	-55,57	1,34
								10,0708			
2665	Shell-Thin	SLE-ENVE	Min	0	0	0	-38,1879	-	-0,2618	-61,18	1,34
								10,1692			

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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
2665	Shell-Thin	SLE-ENVE	Min	0	0	0	-61,7847	-	0,2706	-61,18	-9,22
								11,4125			
2666	Shell-Thin	SLU-ENVE	Max	0	0	0	-81,9113	-	-1,5221	-60,59	14,01
								15,3854			
2666	Shell-Thin	SLU-ENVE	Max	0	0	0	-47,7614	-	0,7017	-60,59	-4,85
								12,6313			
2666	Shell-Thin	SLU-ENVE	Max	0	0	0	-50,2049	-	0,4789	-50,81	-4,85
								11,2463			
2666	Shell-Thin	SLU-ENVE	Max	0	0	0	-77,9267	-	-1,8567	-50,81	14,01
								18,9046			
2666	Shell-Thin	SLU-ENVE	Min	0	0	0	-100,1724	-18,295	-1,9174	-103,93	9,58
2666	Shell-Thin	SLU-ENVE	Min	0	0	0	-57,9532	-	-0,0266	-103,93	-10,59
								16,1151			
2666	Shell-Thin	SLU-ENVE	Min	0	0	0	-58,9464	-	-0,5662	-83,09	-10,59
								15,5869			
2666	Shell-Thin	SLU-ENVE	Min	0	0	0	-92,1948	-22,324	-2,3895	-83,09	9,58
2666	Shell-Thin	SLE-ENVE	Max	0	0	0	-54,8326	-	-0,8909	-40,34	8,14
								10,2641			
2666	Shell-Thin	SLE-ENVE	Max	0	0	0	-30,6604	-7,8463	0,3921	-40,34	-2,88
2666	Shell-Thin	SLE-ENVE	Max	0	0	0	-32,0424	-7,0625	0,2677	-33,84	-2,88
2666	Shell-Thin	SLE-ENVE	Max	0	0	0	-52,4394	-	-1,0669	-33,84	8,14
								12,4323			
2666	Shell-Thin	SLE-ENVE	Min	0	0	0	-61,8272	-	-1,089	-61,84	5,85
								11,5338			
2666	Shell-Thin	SLE-ENVE	Min	0	0	0	-38,1856	-	-0,0034	-61,84	-5,98
								10,1578			
2666	Shell-Thin	SLE-ENVE	Min	0	0	0	-38,7957	-9,847	-0,3059	-50,08	-5,98
2666	Shell-Thin	SLE-ENVE	Min	0	0	0	-57,7513	-	-1,3702	-50,08	5,85
								13,8251			
2667	Shell-Thin	SLU-ENVE	Max	0	0	0	-77,9176	-	-0,1657	-51,39	-11,85
								18,8595			
2667	Shell-Thin	SLU-ENVE	Max	0	0	0	-50,2106	-	-0,787	-51,39	-0,45
								11,2748			
2667	Shell-Thin	SLU-ENVE	Max	0	0	0	-47,2107	-	-0,9099	-59,34	-0,45
								10,8529			
2667	Shell-Thin	SLU-ENVE	Max	0	0	0	-79,3853	-	-0,2886	-59,34	-11,85
								15,9832			
2667	Shell-Thin	SLU-ENVE	Min	0	0	0	-92,1804	-	-1,823	-83,45	-20,78
								22,2517			
2667	Shell-Thin	SLU-ENVE	Min	0	0	0	-58,9494	-	-1,3986	-83,45	-2,5
								15,5976			
2667	Shell-Thin	SLU-ENVE	Min	0	0	0	-56,0796	-	-1,7529	-96,06	-2,5
								15,1841			
2667	Shell-Thin	SLU-ENVE	Min	0	0	0	-95,4858	-	-2,1773	-96,06	-20,78
								18,1464			
2667	Shell-Thin	SLE-ENVE	Max	0	0	0	-52,4338	-	-0,0848	-34,04	-7
								12,4041			
2667	Shell-Thin	SLE-ENVE	Max	0	0	0	-32,0456	-7,0786	-0,4478	-34,04	-0,16
2667	Shell-Thin	SLE-ENVE	Max	0	0	0	-30,349	-6,8565	-0,5139	-39,72	-0,16
2667	Shell-Thin	SLE-ENVE	Max	0	0	0	-53,4346	-	-0,1508	-39,72	-7
								10,4832			
2667	Shell-Thin	SLE-ENVE	Min	0	0	0	-57,7469	-	-0,9932	-50,29	-11,7
								13,8034			
2667	Shell-Thin	SLE-ENVE	Min	0	0	0	-38,797	-9,8535	-0,7997	-50,29	-1,25
2667	Shell-Thin	SLE-ENVE	Min	0	0	0	-37,1315	-9,6375	-0,9923	-57,49	-1,25

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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
2667	Shell-Thin	SLE-ENVE	Min	0	0	0	-59,2264	-	-1,1858	-57,49	-11,7
								11,9076			
2668	Shell-Thin	SLU-ENVE	Max	0	0	0	-79,3794	-	-2,4029	-59,34	9,22
								15,9539			
2668	Shell-Thin	SLU-ENVE	Max	0	0	0	-47,2126	-	0,0574	-59,34	-5,82
								10,8621			
2668	Shell-Thin	SLU-ENVE	Max	0	0	0	-49,5192	-	-0,1061	-47,33	-5,82
								10,5878			
2668	Shell-Thin	SLU-ENVE	Max	0	0	0	-73,6748	-	-2,5664	-47,33	9,22
								17,4326			
2668	Shell-Thin	SLU-ENVE	Min	0	0	0	-95,478	-	-3,9499	-95,88	-0,28
								18,1138			
2668	Shell-Thin	SLU-ENVE	Min	0	0	0	-56,0804	-	-1,1937	-95,88	-9,51
								15,1882			
2668	Shell-Thin	SLU-ENVE	Min	0	0	0	-56,5115	-	-1,5524	-73,5	-9,51
								14,2176			
2668	Shell-Thin	SLU-ENVE	Min	0	0	0	-87,2581	-	-4,3086	-73,5	-0,28
								20,2424			
2668	Shell-Thin	SLE-ENVE	Max	0	0	0	-53,4313	-	-1,3464	-39,72	5,28
								10,4665			
2668	Shell-Thin	SLE-ENVE	Max	0	0	0	-30,35	-6,8617	0,0378	-39,72	-3,36
2668	Shell-Thin	SLE-ENVE	Max	0	0	0	-32,0293	-6,6971	-0,0508	-31,42	-3,36
2668	Shell-Thin	SLE-ENVE	Max	0	0	0	-50,0772	-	-1,435	-31,42	5,28
								11,6115			
2668	Shell-Thin	SLE-ENVE	Min	0	0	0	-59,2221	-	-2,2204	-57,39	0,22
								11,8895			
2668	Shell-Thin	SLE-ENVE	Min	0	0	0	-37,132	-9,6398	-0,6476	-57,39	-5,38
2668	Shell-Thin	SLE-ENVE	Min	0	0	0	-37,2511	-9,0871	-0,8426	-44,77	-5,38
2668	Shell-Thin	SLE-ENVE	Min	0	0	0	-54,6858	-12,73	-2,4154	-44,77	0,22
2669	Shell-Thin	SLU-ENVE	Max	0	0	0	-73,6944	-	-0,7304	-47,38	-15,07
								17,5307			
2669	Shell-Thin	SLU-ENVE	Max	0	0	0	-49,517	-	-1,403	-47,38	5,71
								10,5598			
2669	Shell-Thin	SLU-ENVE	Max	0	0	0	-46,9523	-	-1,5687	-50,76	5,71
								11,3926			
2669	Shell-Thin	SLU-ENVE	Max	0	0	0	-72,8227	-	-0,8961	-50,76	-15,07
								13,5493			
2669	Shell-Thin	SLU-ENVE	Min	0	0	0	-87,2928	-20,416	-3,7626	-73,57	-22,16
2669	Shell-Thin	SLU-ENVE	Min	0	0	0	-56,5081	-14,206	-2,3029	-73,57	-6,23
2669	Shell-Thin	SLU-ENVE	Min	0	0	0	-52,9718	-	-2,6744	-82,35	-6,23
								13,3784			
2669	Shell-Thin	SLU-ENVE	Min	0	0	0	-89,9532	-	-4,1341	-82,35	-22,16
								15,9283			
2669	Shell-Thin	SLE-ENVE	Max	0	0	0	-50,0887	-	-0,3882	-31,6	-8,9
								11,6691			
2669	Shell-Thin	SLE-ENVE	Max	0	0	0	-32,0261	-6,6813	-0,7835	-31,6	3,27
2669	Shell-Thin	SLE-ENVE	Max	0	0	0	-31,0435	-7,3018	-0,8762	-34,88	3,27
2669	Shell-Thin	SLE-ENVE	Max	0	0	0	-49,7845	-9,2443	-0,4809	-34,88	-8,9
2669	Shell-Thin	SLE-ENVE	Min	0	0	0	-54,6974	-	-2,0498	-44,8	-12,67
								12,7881			
2669	Shell-Thin	SLE-ENVE	Min	0	0	0	-37,2497	-9,0801	-1,2909	-44,8	-3,29
2669	Shell-Thin	SLE-ENVE	Min	0	0	0	-35,4179	-8,6378	-1,5	-49,84	-3,29
2669	Shell-Thin	SLE-ENVE	Min	0	0	0	-56,1511	-	-2,2589	-49,84	-12,67
								10,1466			
2670	Shell-Thin	SLU-ENVE	Max	0	0	0	-72,7897	-	-2,8971	-50,23	11,33
								13,3842			



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**Table: Element Forces - Area Shells**

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
2670	Shell-Thin	SLU-ENVE	Max	0	0	0	-46,9558	-	-0,9414	-50,23	-1,24
								11,4104			
2670	Shell-Thin	SLU-ENVE	Max	0	0	0	-46,0034	-10,381	-1,3886	-41,14	-1,24
2670	Shell-Thin	SLU-ENVE	Max	0	0	0	-67,2922	-	-3,3443	-41,14	11,33
								14,3696			
2670	Shell-Thin	SLU-ENVE	Min	0	0	0	-89,8793	-	-5,7462	-81,06	-1,97
								15,5587			
2670	Shell-Thin	SLU-ENVE	Min	0	0	0	-52,9775	-	-2,4115	-81,06	-11,74
								13,3981			
2670	Shell-Thin	SLU-ENVE	Min	0	0	0	-52,0458	-	-2,8749	-67,48	-11,74
								12,3384			
2670	Shell-Thin	SLU-ENVE	Min	0	0	0	-84,5842	-	-6,2096	-67,48	-1,97
								19,3686			
2670	Shell-Thin	SLE-ENVE	Max	0	0	0	-49,764	-9,1418	-1,6211	-34,54	6,53
2670	Shell-Thin	SLE-ENVE	Max	0	0	0	-31,0457	-7,3127	-0,5175	-34,54	-0,76
2670	Shell-Thin	SLE-ENVE	Max	0	0	0	-31,5834	-6,9611	-0,7698	-29,17	-0,76
2670	Shell-Thin	SLE-ENVE	Max	0	0	0	-46,5894	-9,8731	-1,8734	-29,17	6,53
2670	Shell-Thin	SLE-ENVE	Min	0	0	0	-56,1093	-	-3,2224	-49,12	-0,53
								10,0384			
2670	Shell-Thin	SLE-ENVE	Min	0	0	0	-35,4202	-8,6496	-1,3296	-49,12	-6,65
2670	Shell-Thin	SLE-ENVE	Min	0	0	0	-34,6324	-7,9347	-1,5967	-41,46	-6,65
2670	Shell-Thin	SLE-ENVE	Min	0	0	0	-53,1253	-	-3,4896	-41,46	-0,53
								12,0044			
2690	Shell-Thin	SLU-ENVE	Max	0	0	0	91,4629	82,7298	0,3027	12,32	0,7
2690	Shell-Thin	SLU-ENVE	Max	0	0	0	87,841	81,6918	0,293	12,32	0,88
2690	Shell-Thin	SLU-ENVE	Max	0	0	0	87,7889	81,8068	0,0124	12,34	0,88
2690	Shell-Thin	SLU-ENVE	Max	0	0	0	91,4174	82,5732	0,0347	12,34	0,7
2690	Shell-Thin	SLU-ENVE	Min	0	0	0	5,4748	-8,6553	0,0262	-1,6	0,03943
2690	Shell-Thin	SLU-ENVE	Min	0	0	0	5,4452	-	0,0095	-1,6	-0,39
								10,5818			
2690	Shell-Thin	SLU-ENVE	Min	0	0	0	5,3463	-	-0,2318	-1,25	-0,39
								10,7939			
2690	Shell-Thin	SLU-ENVE	Min	0	0	0	5,4775	-8,7149	-0,2222	-1,25	0,03943
2690	Shell-Thin	SLE-ENVE	Max	0	0	0	52,3693	46,2761	0,1716	6,27	0,4
2690	Shell-Thin	SLE-ENVE	Max	0	0	0	50,5293	45,7402	0,165	6,27	0,58
2690	Shell-Thin	SLE-ENVE	Max	0	0	0	50,4898	45,7814	0,0076	6,33	0,58
2690	Shell-Thin	SLE-ENVE	Max	0	0	0	52,3461	46,1878	0,0209	6,33	0,4
2690	Shell-Thin	SLE-ENVE	Min	0	0	0	7,2193	-3,7619	0,0173	-1,27	0,02964
2690	Shell-Thin	SLE-ENVE	Min	0	0	0	7,6055	-4,7227	0,0069	-1,27	-0,12
2690	Shell-Thin	SLE-ENVE	Min	0	0	0	7,5364	-4,8627	-0,1276	-1,03	-0,12
2690	Shell-Thin	SLE-ENVE	Min	0	0	0	7,2225	-3,7699	-0,1211	-1,03	0,02964
2691	Shell-Thin	SLU-ENVE	Max	0	0	0	87,8336	81,6903	0,506	18,78	0,89
2691	Shell-Thin	SLU-ENVE	Max	0	0	0	87,7884	78,8867	0,4813	18,78	0,0825
2691	Shell-Thin	SLU-ENVE	Max	0	0	0	87,7644	78,8866	-0,0112	18,39	0,0825
2691	Shell-Thin	SLU-ENVE	Max	0	0	0	87,7817	81,8054	0,0093	18,39	0,89
2691	Shell-Thin	SLU-ENVE	Min	0	0	0	5,4433	-	-0,0611	4,12	-0,38
								10,5821			
2691	Shell-Thin	SLU-ENVE	Min	0	0	0	0,4498	-	-0,0831	4,12	-0,16
								13,2359			
2691	Shell-Thin	SLU-ENVE	Min	0	0	0	0,467	-	-0,51	4,02	-0,16
								13,1848			
2691	Shell-Thin	SLU-ENVE	Min	0	0	0	5,3448	-	-0,4853	4,02	-0,38
								10,7942			
2691	Shell-Thin	SLE-ENVE	Max	0	0	0	50,5252	45,7393	0,2795	10,26	0,59

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**Table: Element Forces - Area Shells**

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
2691	Shell-Thin	SLE-ENVE	Max	0	0	0	50,3367	44,1427	0,2648	10,26	0,05416
2691	Shell-Thin	SLE-ENVE	Max	0	0	0	50,3255	44,1413	-0,0082	10,01	0,05416
2691	Shell-Thin	SLE-ENVE	Max	0	0	0	50,4858	45,7806	0,0045	10,01	0,59
2691	Shell-Thin	SLE-ENVE	Min	0	0	0	7,605	-4,7229	-0,0356	2,83	-0,12
2691	Shell-Thin	SLE-ENVE	Min	0	0	0	5,9964	-6,194	-0,0489	2,83	-0,0841
2691	Shell-Thin	SLE-ENVE	Min	0	0	0	6,0077	-6,1664	-0,2849	2,73	-0,0841
2691	Shell-Thin	SLE-ENVE	Min	0	0	0	7,5363	-4,8628	-0,2702	2,73	-0,12
2692	Shell-Thin	SLU-ENVE	Max	0	0	0	91,4174	82,573	0,3334	13,28	1,06
2692	Shell-Thin	SLU-ENVE	Max	0	0	0	87,8	81,8622	0,0136	13,28	8,96
2692	Shell-Thin	SLU-ENVE	Max	0	0	0	85,7115	80,2464	0,0182	16,39	8,96
2692	Shell-Thin	SLU-ENVE	Max	0	0	0	90,2598	82,9321	0,0273	16,39	1,06
2692	Shell-Thin	SLU-ENVE	Min	0	0	0	5,4793	-8,7091	-0,7614	-1,28	-1,25
2692	Shell-Thin	SLU-ENVE	Min	0	0	0	5,3455	-	-0,7649	-1,28	-2,63
								10,7979			
2692	Shell-Thin	SLU-ENVE	Min	0	0	0	5,4915	-	-1,2596	-1,75	-2,63
								10,1366			
2692	Shell-Thin	SLU-ENVE	Min	0	0	0	5,5402	-8,3941	-1,2561	-1,75	-1,25
2692	Shell-Thin	SLE-ENVE	Max	0	0	0	52,3461	46,1879	0,1827	6,85	0,59
2692	Shell-Thin	SLE-ENVE	Max	0	0	0	50,4959	45,8118	0,0061	6,85	4,86
2692	Shell-Thin	SLE-ENVE	Max	0	0	0	49,3485	44,9434	0,0088	8,52	4,86
2692	Shell-Thin	SLE-ENVE	Max	0	0	0	51,6997	46,386	0,0128	8,52	0,59
2692	Shell-Thin	SLE-ENVE	Min	0	0	0	7,2236	-3,7661	-0,4247	-1,05	-0,7
2692	Shell-Thin	SLE-ENVE	Min	0	0	0	7,5357	-4,8654	-0,4259	-1,05	-1,58
2692	Shell-Thin	SLE-ENVE	Min	0	0	0	7,6608	-4,4681	-0,7007	-1,37	-1,58
2692	Shell-Thin	SLE-ENVE	Min	0	0	0	7,2541	-3,7425	-0,6995	-1,37	-0,7
2693	Shell-Thin	SLU-ENVE	Max	0	0	0	87,7928	81,8608	0,0539	18,31	9,16
2693	Shell-Thin	SLU-ENVE	Max	0	0	0	87,7635	78,882	0,121	18,31	1,34
2693	Shell-Thin	SLU-ENVE	Max	0	0	0	86,3443	79,2237	0,188	18,82	1,34
2693	Shell-Thin	SLU-ENVE	Max	0	0	0	85,7114	80,2464	0,1209	18,82	9,16
2693	Shell-Thin	SLU-ENVE	Min	0	0	0	5,344	-	-1,0579	2,96	-2,57
								10,7982			
2693	Shell-Thin	SLU-ENVE	Min	0	0	0	0,468	-	-1,8694	2,96	-1,85
								13,1794			
2693	Shell-Thin	SLU-ENVE	Min	0	0	0	0,4628	-	-2,5851	0,75	-1,85
								12,6997			
2693	Shell-Thin	SLU-ENVE	Min	0	0	0	5,4901	-	-1,7736	0,75	-2,57
								10,1369			
2693	Shell-Thin	SLE-ENVE	Max	0	0	0	50,4918	45,811	0,0313	9,97	4,97
2693	Shell-Thin	SLE-ENVE	Max	0	0	0	50,3251	44,139	0,0695	9,97	0,75
2693	Shell-Thin	SLE-ENVE	Max	0	0	0	49,5333	44,3274	0,1065	10,3	0,75
2693	Shell-Thin	SLE-ENVE	Max	0	0	0	49,3485	44,9434	0,0683	10,3	4,97
2693	Shell-Thin	SLE-ENVE	Min	0	0	0	7,5355	-4,8655	-0,5862	2,15	-1,55
2693	Shell-Thin	SLE-ENVE	Min	0	0	0	6,0084	-6,163	-1,0361	2,15	-1,03
2693	Shell-Thin	SLE-ENVE	Min	0	0	0	6,002	-5,8973	-1,4339	0,98	-1,03
2693	Shell-Thin	SLE-ENVE	Min	0	0	0	7,6605	-4,4683	-0,9841	0,98	-1,55
2694	Shell-Thin	SLU-ENVE	Max	0	0	0	90,2555	82,9107	-0,0123	17,7	27,09
2694	Shell-Thin	SLU-ENVE	Max	0	0	0	85,7301	80,3394	0,0692	17,7	29,01
2694	Shell-Thin	SLU-ENVE	Max	0	0	0	82,8612	73,6985	0,0823	18,49	29,01
2694	Shell-Thin	SLU-ENVE	Max	0	0	0	87,624	76,7495	0,0008253	18,49	27,09
2694	Shell-Thin	SLU-ENVE	Min	0	0	0	5,5392	-8,3922	-1,6952	-1,79	-2,56
2694	Shell-Thin	SLU-ENVE	Min	0	0	0	5,4919	-	-1,7234	-1,79	-1,91
								10,1349			
2694	Shell-Thin	SLU-ENVE	Min	0	0	0	5,4592	-9,633	-2,1837	-1,43	-1,91

AUTOSTRADA VALDASTICO A31 NORD  
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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
2694	Shell-Thin	SLU-ENVE	Min	0	0	0	5,7402	-8,2186	-2,1554	-1,43	-2,56
2694	Shell-Thin	SLE-ENVE	Max	0	0	0	51,6974	46,3741	-0,0048	9,25	15,05
2694	Shell-Thin	SLE-ENVE	Max	0	0	0	49,3588	44,9951	0,0394	9,25	16,24
2694	Shell-Thin	SLE-ENVE	Max	0	0	0	47,7529	41,2766	0,0468	9,74	16,24
2694	Shell-Thin	SLE-ENVE	Max	0	0	0	50,2384	42,9536	0,0025	9,74	15,05
2694	Shell-Thin	SLE-ENVE	Min	0	0	0	7,2535	-3,7454	-0,9394	-1,39	-1,43
2694	Shell-Thin	SLE-ENVE	Min	0	0	0	7,661	-4,4671	-0,9562	-1,39	-0,94
2694	Shell-Thin	SLE-ENVE	Min	0	0	0	7,7017	-4,217	-1,2119	-1,14	-0,94
2694	Shell-Thin	SLE-ENVE	Min	0	0	0	7,3679	-3,7212	-1,1951	-1,14	-1,43
2695	Shell-Thin	SLU-ENVE	Max	0	0	0	85,73	80,3394	0,1358	18,66	29,25
2695	Shell-Thin	SLU-ENVE	Max	0	0	0	86,3385	79,1946	0,2594	18,66	25,83
2695	Shell-Thin	SLU-ENVE	Max	0	0	0	83,4947	73,4089	0,3299	18,29	25,83
2695	Shell-Thin	SLU-ENVE	Max	0	0	0	82,8634	73,6989	0,2063	18,29	29,25
2695	Shell-Thin	SLU-ENVE	Min	0	0	0	5,4905	-	-2,2237	-0,86	-1,81
								10,1352			
2695	Shell-Thin	SLU-ENVE	Min	0	0	0	0,4616	-	-3,03	-0,86	-3,5
								12,7057			
2695	Shell-Thin	SLU-ENVE	Min	0	0	0	0,5386	-	-3,3222	-0,94	-3,5
								11,7792			
2695	Shell-Thin	SLU-ENVE	Min	0	0	0	5,4581	-9,6332	-2,5159	-0,94	-1,81
2695	Shell-Thin	SLE-ENVE	Max	0	0	0	49,3588	44,9951	0,0741	10,21	16,37
2695	Shell-Thin	SLE-ENVE	Max	0	0	0	49,53	44,3112	0,1418	10,21	14,34
2695	Shell-Thin	SLE-ENVE	Max	0	0	0	47,9533	41,0994	0,1809	9,96	14,34
2695	Shell-Thin	SLE-ENVE	Max	0	0	0	47,7542	41,2768	0,1132	9,96	16,37
2695	Shell-Thin	SLE-ENVE	Min	0	0	0	7,6607	-4,4673	-1,2366	0,07887	-0,89
2695	Shell-Thin	SLE-ENVE	Min	0	0	0	6,0013	-5,9007	-1,6855	0,07887	-1,95
2695	Shell-Thin	SLE-ENVE	Min	0	0	0	6,0469	-5,3833	-1,8479	-	-1,95
									0,01419		
2695	Shell-Thin	SLE-ENVE	Min	0	0	0	7,7024	-4,2171	-1,399	-	-0,89
									0,01419		
2696	Shell-Thin	SLU-ENVE	Max	0	0	0	87,6251	76,755	-0,0348	18,68	52,43
2696	Shell-Thin	SLU-ENVE	Max	0	0	0	82,8665	73,7254	0,0985	18,68	51,42
2696	Shell-Thin	SLU-ENVE	Max	0	0	0	80,0996	61,1152	0,1176	16,21	51,42
2696	Shell-Thin	SLU-ENVE	Max	0	0	0	84,1179	63,8923	-0,0156	16,21	52,43
2696	Shell-Thin	SLU-ENVE	Min	0	0	0	5,7399	-8,2198	-2,6282	-1,46	-3,57
2696	Shell-Thin	SLU-ENVE	Min	0	0	0	5,4595	-9,6316	-2,6433	-1,46	-5,35
2696	Shell-Thin	SLU-ENVE	Min	0	0	0	5,6846	-8,2815	-3,1194	-1,9	-5,35
2696	Shell-Thin	SLU-ENVE	Min	0	0	0	5,9983	-8,0612	-3,0357	-1,9	-3,57
2696	Shell-Thin	SLE-ENVE	Max	0	0	0	50,239	42,9567	-0,0213	9,84	29,14
2696	Shell-Thin	SLE-ENVE	Max	0	0	0	47,7559	41,2915	0,0534	9,84	28,45
2696	Shell-Thin	SLE-ENVE	Max	0	0	0	46,2306	34,3153	0,0641	8,42	28,45
2696	Shell-Thin	SLE-ENVE	Max	0	0	0	48,2874	35,8086	-0,0107	8,42	29,14
2696	Shell-Thin	SLE-ENVE	Min	0	0	0	7,3678	-3,7219	-1,4619	-1,16	-1,98
2696	Shell-Thin	SLE-ENVE	Min	0	0	0	7,7016	-4,2162	-1,4696	-1,16	-3,09
2696	Shell-Thin	SLE-ENVE	Min	0	0	0	7,9307	-3,4393	-1,7342	-1,45	-3,09
2696	Shell-Thin	SLE-ENVE	Min	0	0	0	7,5081	-3,6354	-1,6883	-1,45	-1,98
2697	Shell-Thin	SLU-ENVE	Max	0	0	0	82,8688	73,7258	0,2615	18,05	51,59
2697	Shell-Thin	SLU-ENVE	Max	0	0	0	83,4931	73,4007	0,4686	18,05	50,74
2697	Shell-Thin	SLU-ENVE	Max	0	0	0	79,8781	61,0027	0,5324	18,57	50,74
2697	Shell-Thin	SLU-ENVE	Max	0	0	0	80,1036	61,116	0,3252	18,57	51,59
2697	Shell-Thin	SLU-ENVE	Min	0	0	0	5,4584	-9,6318	-2,9107	-1,72	-5,21
2697	Shell-Thin	SLU-ENVE	Min	0	0	0	0,5375	-	-3,2553	-1,72	-4,95
								11,7851			

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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
2697	Shell-Thin	SLU-ENVE	Min	0	0	0	0,6082	-	-3,3452	1,11	-4,95
								10,5003			
2697	Shell-Thin	SLU-ENVE	Min	0	0	0	5,6842	-8,2816	-3,0799	1,11	-5,21
2697	Shell-Thin	SLE-ENVE	Max	0	0	0	47,7572	41,2918	0,1462	9,82	28,54
2697	Shell-Thin	SLE-ENVE	Max	0	0	0	47,9524	41,0949	0,262	9,82	28,2
2697	Shell-Thin	SLE-ENVE	Max	0	0	0	45,9408	34,2049	0,2973	10,16	28,2
2697	Shell-Thin	SLE-ENVE	Max	0	0	0	46,2329	34,3157	0,1815	10,16	28,54
2697	Shell-Thin	SLE-ENVE	Min	0	0	0	7,7024	-4,2164	-1,616	-0,45	-3,01
2697	Shell-Thin	SLE-ENVE	Min	0	0	0	6,0463	-5,3866	-1,8066	-0,45	-2,74
2697	Shell-Thin	SLE-ENVE	Min	0	0	0	6,0821	-4,6746	-1,8567	1,17	-2,74
2697	Shell-Thin	SLE-ENVE	Min	0	0	0	7,9311	-3,4392	-1,7102	1,17	-3,01
2698	Shell-Thin	SLU-ENVE	Max	0	0	0	84,1242	63,9241	0,0235	15,2	79,87
2698	Shell-Thin	SLU-ENVE	Max	0	0	0	80,0906	61,07	0,1698	15,2	72,13
2698	Shell-Thin	SLU-ENVE	Max	0	0	0	77,5025	42,9024	0,1866	10,52	72,13
2698	Shell-Thin	SLU-ENVE	Max	0	0	0	79,7098	43,8214	0,0403	10,52	79,87
2698	Shell-Thin	SLU-ENVE	Min	0	0	0	5,9992	-8,0566	-3,709	-1,89	-4,53
2698	Shell-Thin	SLU-ENVE	Min	0	0	0	5,6846	-8,2814	-3,5462	-1,89	-4,23
2698	Shell-Thin	SLU-ENVE	Min	0	0	0	5,7435	-7,7481	-3,9845	-1,43	-4,23
2698	Shell-Thin	SLU-ENVE	Min	0	0	0	6,3926	-7,759	-4,1474	-1,43	-4,53
2698	Shell-Thin	SLE-ENVE	Max	0	0	0	48,2909	35,8263	0,0153	7,86	44,37
2698	Shell-Thin	SLE-ENVE	Max	0	0	0	46,2256	34,2901	0,0955	7,86	40,19
2698	Shell-Thin	SLE-ENVE	Max	0	0	0	44,7746	24,168	0,1049	4,6	40,19
2698	Shell-Thin	SLE-ENVE	Max	0	0	0	45,8414	24,6599	0,0248	4,6	44,37
2698	Shell-Thin	SLE-ENVE	Min	0	0	0	7,5086	-3,6328	-2,0582	-1,44	-2,52
2698	Shell-Thin	SLE-ENVE	Min	0	0	0	7,9303	-3,4413	-1,9689	-1,44	-2,23
2698	Shell-Thin	SLE-ENVE	Min	0	0	0	8,0605	-3,4528	-2,2122	-1,14	-2,23
2698	Shell-Thin	SLE-ENVE	Min	0	0	0	7,7301	-3,4662	-2,3015	-1,14	-2,52
2699	Shell-Thin	SLU-ENVE	Max	0	0	0	80,0946	61,0708	0,337	18,26	72,19
2699	Shell-Thin	SLU-ENVE	Max	0	0	0	79,8812	61,0179	0,5791	18,26	76,86
2699	Shell-Thin	SLU-ENVE	Max	0	0	0	75,5491	41,6824	0,6216	17,85	76,86
2699	Shell-Thin	SLU-ENVE	Max	0	0	0	77,5029	42,9025	0,3795	17,85	72,19
2699	Shell-Thin	SLU-ENVE	Min	0	0	0	5,6842	-8,2814	-3,4752	1,29	-4,07
2699	Shell-Thin	SLU-ENVE	Min	0	0	0	0,6077	-	-3,5486	1,29	-6,13
								10,5028			
2699	Shell-Thin	SLU-ENVE	Min	0	0	0	0,7893	-8,9087	-3,8822	5,59	-6,13
2699	Shell-Thin	SLU-ENVE	Min	0	0	0	5,7437	-7,748	-3,8088	5,59	-4,07
2699	Shell-Thin	SLE-ENVE	Max	0	0	0	46,2278	34,2906	0,1856	9,99	40,23
2699	Shell-Thin	SLE-ENVE	Max	0	0	0	45,9424	34,2134	0,3189	9,99	42,7
2699	Shell-Thin	SLE-ENVE	Max	0	0	0	43,5389	23,4731	0,3422	9,71	42,7
2699	Shell-Thin	SLE-ENVE	Max	0	0	0	44,7748	24,1681	0,2089	9,71	40,23
2699	Shell-Thin	SLE-ENVE	Min	0	0	0	7,9307	-3,4412	-1,9323	1,28	-2,14
2699	Shell-Thin	SLE-ENVE	Min	0	0	0	6,0819	-4,6759	-1,9743	1,28	-3,41
2699	Shell-Thin	SLE-ENVE	Min	0	0	0	6,1856	-3,7887	-2,1599	3,8	-3,41
2699	Shell-Thin	SLE-ENVE	Min	0	0	0	8,0607	-3,4528	-2,1179	3,8	-2,14
2700	Shell-Thin	SLU-ENVE	Max	0	0	0	79,718	43,8624	0,0152	10,26	84,54
2700	Shell-Thin	SLU-ENVE	Max	0	0	0	77,4799	42,7896	0,1903	10,26	74,26
2700	Shell-Thin	SLU-ENVE	Max	0	0	0	74,5825	24,2189	0,2005	10,15	74,26
2700	Shell-Thin	SLU-ENVE	Max	0	0	0	74,7052	22,7203	0,0254	10,15	84,54
2700	Shell-Thin	SLU-ENVE	Min	0	0	0	6,3909	-7,7677	-4,2447	-1,42	-5,34
2700	Shell-Thin	SLU-ENVE	Min	0	0	0	5,7448	-7,7451	-4,2366	-1,42	-6,91
2700	Shell-Thin	SLU-ENVE	Min	0	0	0	6,0751	-7,0634	-4,3363	-1,8	-6,91
2700	Shell-Thin	SLU-ENVE	Min	0	0	0	6,802	-7,2866	-4,34	-1,8	-5,34

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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
2700	Shell-Thin	SLE-ENVE	Max	0	0	0	45,8459	24,6824	0,0068	4,46	46,96
2700	Shell-Thin	SLE-ENVE	Max	0	0	0	44,7621	24,1058	0,1048	4,46	41,16
2700	Shell-Thin	SLE-ENVE	Max	0	0	0	43,1628	13,8116	0,1095	4,36	41,16
2700	Shell-Thin	SLE-ENVE	Max	0	0	0	43,0588	12,9383	0,0114	4,36	46,96
2700	Shell-Thin	SLE-ENVE	Min	0	0	0	7,729	-3,4714	-2,3597	-1,12	-2,97
2700	Shell-Thin	SLE-ENVE	Min	0	0	0	8,0609	-3,4507	-2,3544	-1,12	-3,94
2700	Shell-Thin	SLE-ENVE	Min	0	0	0	8,3611	-3,0492	-2,4111	-1,38	-3,94
2700	Shell-Thin	SLE-ENVE	Min	0	0	0	7,9552	-3,2027	-2,414	-1,38	-2,97
2701	Shell-Thin	SLU-ENVE	Max	0	0	0	77,4803	42,7897	0,4153	17,49	74,31
2701	Shell-Thin	SLU-ENVE	Max	0	0	0	75,5535	41,7044	0,6881	17,49	81,46
2701	Shell-Thin	SLU-ENVE	Max	0	0	0	70,6395	21,3457	0,697	17,89	81,46
2701	Shell-Thin	SLU-ENVE	Max	0	0	0	74,5788	24,2182	0,4242	17,89	74,31
2701	Shell-Thin	SLU-ENVE	Min	0	0	0	5,745	-7,745	-4,089	5,73	-6,77
2701	Shell-Thin	SLU-ENVE	Min	0	0	0	0,7862	-8,9241	-4,1294	5,73	-7,03
2701	Shell-Thin	SLU-ENVE	Min	0	0	0	0,9971	-7,4969	-4,3697	5,99	-7,03
2701	Shell-Thin	SLU-ENVE	Min	0	0	0	6,0758	-7,0634	-4,3293	5,99	-6,77
2701	Shell-Thin	SLE-ENVE	Max	0	0	0	44,7623	24,1058	0,2309	9,51	41,19
2701	Shell-Thin	SLE-ENVE	Max	0	0	0	43,5413	23,4851	0,3832	9,51	45,25
2701	Shell-Thin	SLE-ENVE	Max	0	0	0	40,809	12,1763	0,3891	9,77	45,25
2701	Shell-Thin	SLE-ENVE	Max	0	0	0	43,1608	13,8112	0,2368	9,77	41,19
2701	Shell-Thin	SLE-ENVE	Min	0	0	0	8,0611	-3,4506	-2,2716	3,87	-3,85
2701	Shell-Thin	SLE-ENVE	Min	0	0	0	6,1838	-3,7976	-2,2933	3,87	-3,91
2701	Shell-Thin	SLE-ENVE	Min	0	0	0	6,2986	-3,3408	-2,4259	4,06	-3,91
2701	Shell-Thin	SLE-ENVE	Min	0	0	0	8,3609	-3,0492	-2,4041	4,06	-3,85

**2.4. Output: schema di carico - bordo soletta**

**Table: Element Forces - Area Shells**

Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
5	Shell-Thin	SLU-ENVE	Max	0	0	0	0,0058	0,7676	-0,3101	14,13	0,77
5	Shell-Thin	SLU-ENVE	Max	0	0	0	-3,0685	0,4313	-0,3412	14,13	-0,55
5	Shell-Thin	SLU-ENVE	Max	0	0	0	-3,1341	0,5832	-0,2479	15,32	-0,55
5	Shell-Thin	SLU-ENVE	Max	0	0	0	-0,0072	0,5912	-0,2168	15,32	0,77
5	Shell-Thin	SLU-ENVE	Min	0	0	0	-0,0368	-6,5914	-6,7854	5,78	-1,25
5	Shell-Thin	SLU-ENVE	Min	0	0	0	-8,5189	-5,1017	-7,1084	5,78	-2,42
5	Shell-Thin	SLU-ENVE	Min	0	0	0	-9,085	-4,3536	-6,4006	5,88	-2,42
5	Shell-Thin	SLU-ENVE	Min	0	0	0	-0,0088	-6,1462	-6,0776	5,88	-1,25
5	Shell-Thin	SLE-ENVE	Max	0	0	0	0,0041	0,5754	-0,1744	8,72	0,52
5	Shell-Thin	SLE-ENVE	Max	0	0	0	-2,1578	0,3131	-0,194	8,72	-0,35
5	Shell-Thin	SLE-ENVE	Max	0	0	0	-2,1999	0,4113	-0,135	9,39	-0,35
5	Shell-Thin	SLE-ENVE	Max	0	0	0	-0,0049	0,4539	-0,1154	9,39	0,52
5	Shell-Thin	SLE-ENVE	Min	0	0	0	-0,0196	-3,5223	-3,7679	4,09	-0,61
5	Shell-Thin	SLE-ENVE	Min	0	0	0	-5,1798	-2,7727	-3,9502	4,09	-1,41

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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
5	Shell-Thin	SLE-ENVE	Min	0	0	0	-5,5	-2,3397	-3,5506	4,15	-1,41
5	Shell-Thin	SLE-ENVE	Min	0	0	0	-0,0057	-3,2953	-3,3683	4,15	-0,61
6	Shell-Thin	SLU-ENVE	Max	0	0	0	-0,0044	0,5936	-0,0994	15,01	-0,57
6	Shell-Thin	SLU-ENVE	Max	0	0	0	-3,134	0,5836	-0,125	15,01	0,05074
6	Shell-Thin	SLU-ENVE	Max	0	0	0	-3,2032	0,5836	-0,0108	16,01	0,05074
6	Shell-Thin	SLU-ENVE	Max	0	0	0	0,0315	0,7498	0,0147	16,01	-0,57
6	Shell-Thin	SLU-ENVE	Min	0	0	0	-0,0077	-6,132	-5,2436	5,8	-3,19
6	Shell-Thin	SLU-ENVE	Min	0	0	0	-9,0866	-4,3617	-5,7367	5,8	-4,34
6	Shell-Thin	SLU-ENVE	Min	0	0	0	-9,6908	-3,0301	-4,9484	6,01	-4,34
6	Shell-Thin	SLU-ENVE	Min	0	0	0	-0,1102	-5,0952	-4,4552	6,01	-3,19
6	Shell-Thin	SLE-ENVE	Max	0	0	0	-0,0033	0,4555	-0,0409	9,21	-0,36
6	Shell-Thin	SLE-ENVE	Max	0	0	0	-2,1998	0,4116	-0,0558	9,21	0,05453
6	Shell-Thin	SLE-ENVE	Max	0	0	0	-2,244	0,4054	0,0171	9,78	0,05453
6	Shell-Thin	SLE-ENVE	Max	0	0	0	0,0217	0,554	0,032	9,78	-0,36
6	Shell-Thin	SLE-ENVE	Min	0	0	0	-0,0051	-3,2872	-2,8962	4,1	-1,83
6	Shell-Thin	SLE-ENVE	Min	0	0	0	-5,5008	-2,3441	-3,1715	4,1	-2,4
6	Shell-Thin	SLE-ENVE	Min	0	0	0	-5,8423	-1,6073	-2,7248	4,24	-2,4
6	Shell-Thin	SLE-ENVE	Min	0	0	0	-0,0571	-2,6965	-2,4495	4,24	-1,83
7	Shell-Thin	SLU-ENVE	Max	0	0	0	-3,0767	0,4296	-0,4254	24,71	-0,24
7	Shell-Thin	SLU-ENVE	Max	0	0	0	-10,0042	-0,6016	-0,5707	24,71	-0,88
7	Shell-Thin	SLU-ENVE	Max	0	0	0	-10,2093	-0,2288	-0,4636	26,31	-0,88
7	Shell-Thin	SLU-ENVE	Max	0	0	0	-3,1219	0,5856	-0,3183	26,31	-0,24
7	Shell-Thin	SLU-ENVE	Min	0	0	0	-8,5325	-5,1044	-7,6426	13,21	-1,4
7	Shell-Thin	SLU-ENVE	Min	0	0	0	-22,0957	-5,0543	-8,5372	13,21	-1,71
7	Shell-Thin	SLU-ENVE	Min	0	0	0	-23,405	-4,1876	-7,9338	13,52	-1,71
7	Shell-Thin	SLU-ENVE	Min	0	0	0	-9,0452	-4,3456	-7,0392	13,52	-1,4
7	Shell-Thin	SLE-ENVE	Max	0	0	0	-2,1633	0,312	-0,2484	15,48	-0,16
7	Shell-Thin	SLE-ENVE	Max	0	0	0	-7,0104	-0,4102	-0,3423	15,48	-0,67
7	Shell-Thin	SLE-ENVE	Max	0	0	0	-7,1379	-0,1644	-0,2736	16,39	-0,67
7	Shell-Thin	SLE-ENVE	Max	0	0	0	-2,1917	0,413	-0,1798	16,39	-0,16
7	Shell-Thin	SLE-ENVE	Min	0	0	0	-5,1883	-2,7744	-4,255	9,42	-0,83
7	Shell-Thin	SLE-ENVE	Min	0	0	0	-13,6138	-2,8993	-4,7653	9,42	-1,1
7	Shell-Thin	SLE-ENVE	Min	0	0	0	-14,3575	-2,3746	-4,4219	9,62	-1,1
7	Shell-Thin	SLE-ENVE	Min	0	0	0	-5,4765	-2,335	-3,9116	9,62	-0,83
8	Shell-Thin	SLU-ENVE	Max	0	0	0	-3,1218	0,586	-0,2091	26,24	0,2
8	Shell-Thin	SLU-ENVE	Max	0	0	0	-10,2087	-0,2251	-0,3065	26,24	-0,75
8	Shell-Thin	SLU-ENVE	Max	0	0	0	-10,3267	0,0115	-0,1475	27,14	-0,75
8	Shell-Thin	SLU-ENVE	Max	0	0	0	-3,2015	0,584	-0,0501	27,14	0,2
8	Shell-Thin	SLU-ENVE	Min	0	0	0	-9,0469	-4,3537	-6,3907	13,33	-3,39
8	Shell-Thin	SLU-ENVE	Min	0	0	0	-23,4046	-4,1857	-7,3321	13,33	-2,46
8	Shell-Thin	SLU-ENVE	Min	0	0	0	-24,5173	-3,1022	-6,7141	13,38	-2,46
8	Shell-Thin	SLU-ENVE	Min	0	0	0	-9,7129	-3,0345	-5,7727	13,38	-3,39
8	Shell-Thin	SLE-ENVE	Max	0	0	0	-2,1916	0,4133	-0,1098	16,33	0,15
8	Shell-Thin	SLE-ENVE	Max	0	0	0	-7,1374	-0,1619	-0,1714	16,33	-0,5
8	Shell-Thin	SLE-ENVE	Max	0	0	0	-7,2036	-0,0067	-0,0679	16,82	-0,5
8	Shell-Thin	SLE-ENVE	Max	0	0	0	-2,2438	0,4055	-0,0063	16,82	0,15
8	Shell-Thin	SLE-ENVE	Min	0	0	0	-5,4774	-2,3394	-3,5427	9,48	-1,86
8	Shell-Thin	SLE-ENVE	Min	0	0	0	-14,3572	-2,3731	-4,0738	9,48	-1,47
8	Shell-Thin	SLE-ENVE	Min	0	0	0	-14,9819	-1,7431	-3,716	9,51	-1,47
8	Shell-Thin	SLE-ENVE	Min	0	0	0	-5,8554	-1,61	-3,185	9,51	-1,86

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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
9	Shell-Thin	SLU-ENVE	Max	0	0	0	-10,0167	-0,6044	-0,7938	35,4	0,99
9	Shell-Thin	SLU-ENVE	Max	0	0	0	-20,4843	-2,6775	-1,0987	35,4	-2,78
9	Shell-Thin	SLU-ENVE	Max	0	0	0	-20,7365	-1,6973	-1,0076	37,3	-2,78
9	Shell-Thin	SLU-ENVE	Max	0	0	0	-10,2388	-0,2353	-0,7027	37,3	0,99
9	Shell-Thin	SLU-ENVE	Min	0	0	0	-22,1402	-5,0632	-9,7515	20,55	-0,87
9	Shell-Thin	SLU-ENVE	Min	0	0	0	-40,8252	-7,0424	-11,4896	20,55	-4,43
9	Shell-Thin	SLU-ENVE	Min	0	0	0	-43,1107	-5,1533	-10,9966	20,61	-4,43
9	Shell-Thin	SLU-ENVE	Min	0	0	0	-23,476	-4,2018	-9,2585	20,61	-0,87
9	Shell-Thin	SLE-ENVE	Max	0	0	0	-7,0195	-0,412	-0,4871	21,88	0,41
9	Shell-Thin	SLE-ENVE	Max	0	0	0	-14,5508	-1,8645	-0,685	21,88	-2,1
9	Shell-Thin	SLE-ENVE	Max	0	0	0	-14,6984	-1,1704	-0,6267	23,14	-2,1
9	Shell-Thin	SLE-ENVE	Max	0	0	0	-7,1593	-0,1687	-0,4288	23,14	0,41
9	Shell-Thin	SLE-ENVE	Min	0	0	0	-13,6401	-2,9045	-5,4601	14,83	-0,58
9	Shell-Thin	SLE-ENVE	Min	0	0	0	-25,1192	-4,2313	-6,4533	14,83	-2,87
9	Shell-Thin	SLE-ENVE	Min	0	0	0	-26,4046	-3,0639	-6,1732	14,84	-2,87
9	Shell-Thin	SLE-ENVE	Min	0	0	0	-14,4005	-2,3832	-5,18	14,84	-0,58
10	Shell-Thin	SLU-ENVE	Max	0	0	0	-10,2382	-0,2315	-0,5021	36,29	-
											0,09064
10	Shell-Thin	SLU-ENVE	Max	0	0	0	-20,7343	-1,6862	-0,8775	36,29	-2,54
10	Shell-Thin	SLU-ENVE	Max	0	0	0	-21,3373	-0,779	-0,6267	40,98	-2,54
10	Shell-Thin	SLU-ENVE	Max	0	0	0	-10,3019	0,0162	-0,2513	40,98	-
											0,09064
10	Shell-Thin	SLU-ENVE	Min	0	0	0	-23,4756	-4,1999	-8,5413	20,03	-0,7
10	Shell-Thin	SLU-ENVE	Min	0	0	0	-43,099	-5,0947	-10,4687	20,03	-3,15
10	Shell-Thin	SLU-ENVE	Min	0	0	0	-46,2999	-3,3841	-9,7286	21,11	-3,15
10	Shell-Thin	SLU-ENVE	Min	0	0	0	-24,3313	-3,065	-7,8012	21,11	-0,7
10	Shell-Thin	SLE-ENVE	Max	0	0	0	-7,1588	-0,1662	-0,2973	22,51	-
											0,07645
10	Shell-Thin	SLE-ENVE	Max	0	0	0	-14,6968	-1,1627	-0,5427	22,51	-1,92
10	Shell-Thin	SLE-ENVE	Max	0	0	0	-15,0944	-0,5167	-0,3782	24,97	-1,92
10	Shell-Thin	SLE-ENVE	Max	0	0	0	-7,1884	-0,0036	-0,1328	24,97	-
											0,07645
10	Shell-Thin	SLE-ENVE	Min	0	0	0	-14,4002	-2,3817	-4,7629	14,42	-0,44
10	Shell-Thin	SLE-ENVE	Min	0	0	0	-26,3979	-3,0302	-5,8698	14,42	-2,1
10	Shell-Thin	SLE-ENVE	Min	0	0	0	-28,2336	-1,9687	-5,4348	15,15	-2,1
10	Shell-Thin	SLE-ENVE	Min	0	0	0	-14,8767	-1,722	-4,3279	15,15	-0,44
11	Shell-Thin	SLU-ENVE	Max	0	0	0	-20,4921	-2,679	-1,3422	48,6	-0,54
11	Shell-Thin	SLU-ENVE	Max	0	0	0	-34,5296	-5,9579	-1,6847	48,6	5,92
11	Shell-Thin	SLU-ENVE	Max	0	0	0	-34,7789	-5,4541	-1,8543	51,06	5,92
11	Shell-Thin	SLU-ENVE	Max	0	0	0	-20,8152	-1,7131	-1,5118	51,06	-0,54
11	Shell-Thin	SLU-ENVE	Min	0	0	0	-40,8467	-7,0467	-13,3625	28,67	-3,43
11	Shell-Thin	SLU-ENVE	Min	0	0	0	-64,5581	-	-16,0725	28,67	-1,66
								12,7574			
11	Shell-Thin	SLU-ENVE	Min	0	0	0	-68,16	-	-16,3163	28,52	-1,66
								12,9765			
11	Shell-Thin	SLU-ENVE	Min	0	0	0	-43,2794	-5,187	-13,6347	28,52	-3,43
11	Shell-Thin	SLE-ENVE	Max	0	0	0	-14,5565	-1,8656	-0,8411	30,17	-0,85
11	Shell-Thin	SLE-ENVE	Max	0	0	0	-24,7331	-4,2913	-1,0626	30,17	2,94
11	Shell-Thin	SLE-ENVE	Max	0	0	0	-24,8531	-3,9107	-1,1771	31,46	2,94
11	Shell-Thin	SLE-ENVE	Max	0	0	0	-14,7551	-1,1817	-0,9557	31,46	-0,85
11	Shell-Thin	SLE-ENVE	Min	0	0	0	-25,1322	-4,2339	-7,5123	20,81	-2,29

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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
11	Shell-Thin	SLE-ENVE	Min	0	0	0	-39,8416	-7,8282	-9,1037	20,81	-1,08
11	Shell-Thin	SLE-ENVE	Min	0	0	0	-41,8411	-7,8521	-9,2018	20,65	-1,08
11	Shell-Thin	SLE-ENVE	Min	0	0	0	-26,5081	-3,0846	-7,6863	20,65	-2,29
12	Shell-Thin	SLU-ENVE	Max	0	0	0	-20,8129	-1,702	-1,4264	48,12	1,55
12	Shell-Thin	SLU-ENVE	Max	0	0	0	-34,7857	-5,4879	-2,2776	48,12	-12,04
12	Shell-Thin	SLU-ENVE	Max	0	0	0	-35,3116	-1,3968	-2,2286	48,63	-12,04
12	Shell-Thin	SLU-ENVE	Max	0	0	0	-21,4223	-0,796	-1,3774	48,63	1,55
12	Shell-Thin	SLU-ENVE	Min	0	0	0	-43,2677	-5,1284	-13,296	27,73	-2,2
12	Shell-Thin	SLU-ENVE	Min	0	0	0	-68,1845	-	-17,1954	27,73	-39,21
								13,1062			
12	Shell-Thin	SLU-ENVE	Min	0	0	0	-71,8066	-3,108	-16,7668	27,56	-39,21
12	Shell-Thin	SLU-ENVE	Min	0	0	0	-46,6322	-3,4505	-12,8675	27,56	-2,2
12	Shell-Thin	SLE-ENVE	Max	0	0	0	-14,7535	-1,1741	-0,902	29,75	0,49
12	Shell-Thin	SLE-ENVE	Max	0	0	0	-24,8578	-3,9343	-1,4601	29,75	-8,6
12	Shell-Thin	SLE-ENVE	Max	0	0	0	-25,1848	-1,0459	-1,43	30,57	-8,6
12	Shell-Thin	SLE-ENVE	Max	0	0	0	-15,1512	-0,5281	-0,8719	30,57	0,49
12	Shell-Thin	SLE-ENVE	Min	0	0	0	-26,5013	-3,0509	-7,4924	20,09	-1,47
12	Shell-Thin	SLE-ENVE	Min	0	0	0	-41,8555	-7,9277	-9,7404	20,09	-23,13
12	Shell-Thin	SLE-ENVE	Min	0	0	0	-43,907	-2,1035	-9,5012	19,95	-23,13
12	Shell-Thin	SLE-ENVE	Min	0	0	0	-28,4255	-2,0071	-7,2532	19,95	-1,47
13	Shell-Thin	SLU-ENVE	Max	0	0	0	-60,1689	-	23,4152	-43,81	6,16
								10,2906			
13	Shell-Thin	SLU-ENVE	Max	0	0	0	-38,2457	-6,4146	19,3148	-43,81	0,38
13	Shell-Thin	SLU-ENVE	Max	0	0	0	-40,8986	-4,816	19,2028	-46,45	0,38
13	Shell-Thin	SLU-ENVE	Max	0	0	0	-64,142	-9,8793	23,3032	-46,45	6,16
13	Shell-Thin	SLU-ENVE	Min	0	0	0	-73,494	-	15,1598	-51,07	4,21
								12,7535			
13	Shell-Thin	SLU-ENVE	Min	0	0	0	-47,7356	-8,341	12,641	-51,07	-2,5
13	Shell-Thin	SLU-ENVE	Min	0	0	0	-51,4801	-6,3854	13,0645	-54,79	-2,5
13	Shell-Thin	SLU-ENVE	Min	0	0	0	-79,0973	-	15,5833	-54,79	4,21
								12,9738			
13	Shell-Thin	SLE-ENVE	Max	0	0	0	-39,2224	-6,7552	13,1613	-29,36	3,04
13	Shell-Thin	SLE-ENVE	Max	0	0	0	-24,6208	-3,9907	10,8508	-29,36	-0,4
13	Shell-Thin	SLE-ENVE	Max	0	0	0	-25,931	-2,9448	10,8231	-30,76	-0,4
13	Shell-Thin	SLE-ENVE	Max	0	0	0	-41,1399	-6,4107	13,1336	-30,76	3,04
13	Shell-Thin	SLE-ENVE	Min	0	0	0	-46,5929	-7,9893	8,5328	-33,37	1,96
13	Shell-Thin	SLE-ENVE	Min	0	0	0	-29,8522	-5,0907	7,11	-33,37	-1,8
13	Shell-Thin	SLE-ENVE	Min	0	0	0	-31,9671	-3,8366	7,3694	-35,33	-1,8
13	Shell-Thin	SLE-ENVE	Min	0	0	0	-49,6874	-7,8505	8,7922	-35,33	1,96
14	Shell-Thin	SLU-ENVE	Max	0	0	0	-64,1626	-9,982	23,7612	-44,7	-19,84
14	Shell-Thin	SLU-ENVE	Max	0	0	0	-40,891	-4,778	18,507	-44,7	3,01
14	Shell-Thin	SLU-ENVE	Max	0	0	0	-44,1923	-3,2562	17,8326	-46,5	3,01
14	Shell-Thin	SLU-ENVE	Max	0	0	0	-68,363	-1,3969	23,0869	-46,5	-19,84
14	Shell-Thin	SLU-ENVE	Min	0	0	0	-79,1239	-	16,5858	-52,61	-39,2
								13,1035			
14	Shell-Thin	SLU-ENVE	Min	0	0	0	-51,47	-6,3352	12,7606	-52,61	1,09
14	Shell-Thin	SLU-ENVE	Min	0	0	0	-56,0215	-4,4605	12,2991	-55,51	1,09
14	Shell-Thin	SLU-ENVE	Min	0	0	0	-85,126	-3,6325	16,1243	-55,51	-39,2
14	Shell-Thin	SLE-ENVE	Max	0	0	0	-41,1551	-6,4732	13,4612	-29,6	-12,98
14	Shell-Thin	SLE-ENVE	Max	0	0	0	-25,9233	-2,9219	10,4264	-29,6	1,25
14	Shell-Thin	SLE-ENVE	Max	0	0	0	-27,8182	-1,9224	10,0497	-29,41	1,25



AUTOSTRADA VALDASTICO A31 NORD  
1° LOTTO – Piovene Rocchette – Valle dell’Astico

Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
14	Shell-Thin	SLE-ENVE	Max	0	0	0	-42,9577	-1,0459	13,0845	-29,41	-12,98
14	Shell-Thin	SLE-ENVE	Min	0	0	0	-49,7032	-7,926	9,4414	-33,98	-23,12
14	Shell-Thin	SLE-ENVE	Min	0	0	0	-31,9611	-3,8069	7,2414	-33,98	0,32
14	Shell-Thin	SLE-ENVE	Min	0	0	0	-34,5645	-2,6015	6,9807	-35,55	0,32
14	Shell-Thin	SLE-ENVE	Min	0	0	0	-53,0942	-2,403	9,2252	-35,55	-23,12
15	Shell-Thin	SLU-ENVE	Max	0	0	0	-38,238	-6,413	16,2254	-33,09	-2,76
15	Shell-Thin	SLU-ENVE	Max	0	0	0	-20,7573	-4,5788	13,6485	-33,09	1,41
15	Shell-Thin	SLU-ENVE	Max	0	0	0	-22,1726	-3,9034	12,9568	-35,36	1,41
15	Shell-Thin	SLU-ENVE	Max	0	0	0	-40,7886	-4,7941	15,5337	-35,36	-2,76
15	Shell-Thin	SLU-ENVE	Min	0	0	0	-47,7183	-8,3376	10,9829	-39,44	-4,43
15	Shell-Thin	SLU-ENVE	Min	0	0	0	-26,6134	-6,7507	9,1965	-39,44	-0,12
15	Shell-Thin	SLU-ENVE	Min	0	0	0	-28,5872	-5,8136	8,7283	-42,75	-0,12
15	Shell-Thin	SLU-ENVE	Min	0	0	0	-51,3459	-6,3586	10,5211	-42,75	-4,43
15	Shell-Thin	SLE-ENVE	Max	0	0	0	-24,6149	-3,9895	9,1095	-21,42	-2,11
15	Shell-Thin	SLE-ENVE	Max	0	0	0	-13,114	-2,6091	7,6393	-21,42	0,61
15	Shell-Thin	SLE-ENVE	Max	0	0	0	-13,9268	-2,1798	7,2468	-22,33	0,61
15	Shell-Thin	SLE-ENVE	Max	0	0	0	-25,8183	-2,9299	8,717	-22,33	-2,11
15	Shell-Thin	SLE-ENVE	Min	0	0	0	-29,8407	-5,0884	6,1706	-25,42	-2,87
15	Shell-Thin	SLE-ENVE	Min	0	0	0	-16,3446	-3,8377	5,1727	-25,42	-0,19
15	Shell-Thin	SLE-ENVE	Min	0	0	0	-17,4655	-3,2558	4,9023	-27,25	-0,19
15	Shell-Thin	SLE-ENVE	Min	0	0	0	-31,878	-3,8188	5,9089	-27,25	-2,87
16	Shell-Thin	SLU-ENVE	Max	0	0	0	-40,781	-4,7561	14,7161	-34,41	-2,55
16	Shell-Thin	SLU-ENVE	Max	0	0	0	-22,1715	-3,8982	12,1057	-34,41	-
16	Shell-Thin	SLU-ENVE	Max	0	0	0	-23,1873	-2,9289	11,1482	-38,39	-
16	Shell-Thin	SLU-ENVE	Max	0	0	0	-43,788	-3,1753	13,7585	-38,39	-2,55
16	Shell-Thin	SLU-ENVE	Min	0	0	0	-51,3358	-6,3083	10,0039	-41,67	-2,99
16	Shell-Thin	SLU-ENVE	Min	0	0	0	-28,5859	-5,8074	8,1152	-41,67	-0,69
16	Shell-Thin	SLU-ENVE	Min	0	0	0	-30,0597	-4,4114	7,4134	-46,96	-0,69
16	Shell-Thin	SLU-ENVE	Min	0	0	0	-55,4554	-4,3473	9,302	-46,96	-2,99
16	Shell-Thin	SLE-ENVE	Max	0	0	0	-25,8105	-2,907	8,2484	-21,68	-1,88
16	Shell-Thin	SLE-ENVE	Max	0	0	0	-13,9261	-2,1763	6,7482	-21,68	-
16	Shell-Thin	SLE-ENVE	Max	0	0	0	-14,4937	-1,6057	6,1819	-24,56	-
16	Shell-Thin	SLE-ENVE	Max	0	0	0	-27,6605	-1,8749	7,6821	-24,56	-1,88
16	Shell-Thin	SLE-ENVE	Min	0	0	0	-31,8721	-3,789	5,6345	-26,55	-2,03
16	Shell-Thin	SLE-ENVE	Min	0	0	0	-17,4647	-3,2518	4,5342	-26,55	-0,44
16	Shell-Thin	SLE-ENVE	Min	0	0	0	-18,2859	-2,4376	4,1084	-29,64	-0,44
16	Shell-Thin	SLE-ENVE	Min	0	0	0	-34,238	-2,5362	5,2086	-29,64	-2,03
17	Shell-Thin	SLU-ENVE	Max	0	0	0	-20,7383	-4,575	11,8453	-23,39	-0,89
17	Shell-Thin	SLU-ENVE	Max	0	0	0	-7,9921	-4,3847	10,5541	-23,39	-0,25
17	Shell-Thin	SLU-ENVE	Max	0	0	0	-8,5351	-3,8676	9,7832	-25,1	-0,25
17	Shell-Thin	SLU-ENVE	Max	0	0	0	-22,1392	-3,8968	11,0744	-25,1	-0,89
17	Shell-Thin	SLU-ENVE	Min	0	0	0	-26,5891	-6,7458	7,9091	-28,77	-1,71
17	Shell-Thin	SLU-ENVE	Min	0	0	0	-10,6602	-7,0766	6,9995	-28,77	-1,4
17	Shell-Thin	SLU-ENVE	Min	0	0	0	-11,4457	-6,2701	6,4734	-31,13	-1,4
17	Shell-Thin	SLU-ENVE	Min	0	0	0	-28,5534	-5,8069	7,383	-31,13	-1,71
17	Shell-Thin	SLE-ENVE	Max	0	0	0	-13,1011	-2,6066	6,6098	-15,19	-0,68
17	Shell-Thin	SLE-ENVE	Max	0	0	0	-4,8961	-2,3159	5,8741	-15,19	-0,17

AUTOSTRADA VALDASTICO A31 NORD  
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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
17	Shell-Thin	SLE-ENVE	Max	0	0	0	-5,2032	-2,0116	5,4346	-16,08	-0,17
17	Shell-Thin	SLE-ENVE	Max	0	0	0	-13,9033	-2,1751	6,1703	-16,08	-0,68
17	Shell-Thin	SLE-ENVE	Min	0	0	0	-16,3286	-3,8344	4,4289	-18,16	-1,1
17	Shell-Thin	SLE-ENVE	Min	0	0	0	-6,3682	-3,8284	3,9053	-18,16	-0,82
17	Shell-Thin	SLE-ENVE	Min	0	0	0	-6,8098	-3,3576	3,6005	-19,51	-0,82
17	Shell-Thin	SLE-ENVE	Min	0	0	0	-17,4418	-3,2511	4,124	-19,51	-1,1
21	Shell-Thin	SLU-ENVE	Max	0	0	0	-22,1381	-3,8915	10,3167	-24,98	-1,83
21	Shell-Thin	SLU-ENVE	Max	0	0	0	-8,5368	-3,8759	8,9399	-24,98	-2,51
21	Shell-Thin	SLU-ENVE	Max	0	0	0	-9,2139	-2,7726	8,1528	-26,02	-2,51
21	Shell-Thin	SLU-ENVE	Max	0	0	0	-23,3364	-2,9587	9,5296	-26,02	-1,83
21	Shell-Thin	SLU-ENVE	Min	0	0	0	-28,5522	-5,8006	6,8486	-31,06	-2,63
21	Shell-Thin	SLU-ENVE	Min	0	0	0	-11,4483	-6,2829	5,8975	-31,06	-4,24
21	Shell-Thin	SLU-ENVE	Min	0	0	0	-12,4146	-4,5354	5,3409	-32,56	-4,24
21	Shell-Thin	SLU-ENVE	Min	0	0	0	-30,2713	-4,4537	6,292	-32,56	-2,63
21	Shell-Thin	SLE-ENVE	Max	0	0	0	-13,9026	-2,1716	5,7296	-16,03	-1,12
21	Shell-Thin	SLE-ENVE	Max	0	0	0	-5,2041	-2,016	4,9547	-16,03	-1,33
21	Shell-Thin	SLE-ENVE	Max	0	0	0	-5,5881	-1,414	4,4972	-16,47	-1,33
21	Shell-Thin	SLE-ENVE	Max	0	0	0	-14,5792	-1,6228	5,2721	-16,47	-1,12
21	Shell-Thin	SLE-ENVE	Min	0	0	0	-17,441	-3,247	3,8057	-19,43	-1,59
21	Shell-Thin	SLE-ENVE	Min	0	0	0	-6,8112	-3,3646	3,2679	-19,43	-2,31
21	Shell-Thin	SLE-ENVE	Min	0	0	0	-7,3559	-2,4	2,9373	-20,27	-2,31
21	Shell-Thin	SLE-ENVE	Min	0	0	0	-18,406	-2,4617	3,4752	-20,27	-1,59
22	Shell-Thin	SLU-ENVE	Max	0	0	0	-7,9807	-4,3824	9,8029	-13,38	-1,44
22	Shell-Thin	SLU-ENVE	Max	0	0	0	-0,0345	-5,5919	9,3634	-13,38	-0,13
22	Shell-Thin	SLU-ENVE	Max	0	0	0	-0,0073	-5,4132	8,432	-14,62	-0,13
22	Shell-Thin	SLU-ENVE	Max	0	0	0	-8,574	-3,8754	8,8716	-14,62	-1,44
22	Shell-Thin	SLU-ENVE	Min	0	0	0	-10,6476	-7,0741	6,4786	-17,47	-2,42
22	Shell-Thin	SLU-ENVE	Min	0	0	0	-0,0555	-9,1742	6,1851	-17,47	-1,24
22	Shell-Thin	SLU-ENVE	Min	0	0	0	-0,0088	-8,7017	5,5547	-19,26	-1,24
22	Shell-Thin	SLU-ENVE	Min	0	0	0	-11,4971	-6,2804	5,8482	-19,26	-2,42
22	Shell-Thin	SLE-ENVE	Max	0	0	0	-4,8887	-2,3145	5,4453	-8,31	-0,86
22	Shell-Thin	SLE-ENVE	Max	0	0	0	-0,0181	-2,9174	5,1969	-8,31	0,03302
22	Shell-Thin	SLE-ENVE	Max	0	0	0	-0,0049	-2,8423	4,6717	-9,01	0,03302
22	Shell-Thin	SLE-ENVE	Max	0	0	0	-5,2262	-2,0162	4,9201	-9,01	-0,86
22	Shell-Thin	SLE-ENVE	Min	0	0	0	-6,3601	-3,8267	3,605	-10,56	-1,41
22	Shell-Thin	SLE-ENVE	Min	0	0	0	-0,0298	-4,9202	3,4385	-10,56	-0,61
22	Shell-Thin	SLE-ENVE	Min	0	0	0	-0,0057	-4,6772	3,0793	-11,57	-0,61
22	Shell-Thin	SLE-ENVE	Min	0	0	0	-6,8396	-3,3636	3,2458	-11,57	-1,41
23	Shell-Thin	SLU-ENVE	Max	0	0	0	-8,5757	-3,8837	8,0143	-14,29	-3,54
23	Shell-Thin	SLU-ENVE	Max	0	0	0	-0,0039	-5,3987	7,3235	-14,29	-2,4
23	Shell-Thin	SLU-ENVE	Max	0	0	0	-0,1029	-4,569	6,2785	-15,34	-2,4
23	Shell-Thin	SLU-ENVE	Max	0	0	0	-9,195	-2,7688	6,9693	-15,34	-3,54
23	Shell-Thin	SLU-ENVE	Min	0	0	0	-11,4997	-6,2932	5,2575	-18,82	-5,67
23	Shell-Thin	SLU-ENVE	Min	0	0	0	-0,0059	-8,6811	4,7971	-18,82	-3,63
23	Shell-Thin	SLU-ENVE	Min	0	0	0	-0,1717	-7,4286	4,0836	-20,26	-3,63
23	Shell-Thin	SLU-ENVE	Min	0	0	0	-12,3873	-4,5299	4,5439	-20,26	-5,67
23	Shell-Thin	SLE-ENVE	Max	0	0	0	-5,2271	-2,0206	4,4307	-8,82	-1,92
23	Shell-Thin	SLE-ENVE	Max	0	0	0	-0,0029	-2,834	4,0465	-8,82	-1,35
23	Shell-Thin	SLE-ENVE	Max	0	0	0	-0,0512	-2,3682	3,4551	-9,42	-1,35
23	Shell-Thin	SLE-ENVE	Max	0	0	0	-5,5781	-1,412	3,8392	-9,42	-1,92

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1° LOTTO – Piovene Rocchette – Valle dell’Astico

Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
23	Shell-Thin	SLE-ENVE	Min	0	0	0	-6,841	-3,3706	2,9033	-11,32	-3,13
23	Shell-Thin	SLE-ENVE	Min	0	0	0	-0,004	-4,6654	2,6479	-11,32	-2,05
23	Shell-Thin	SLE-ENVE	Min	0	0	0	-0,0895	-3,9604	2,2395	-12,14	-2,05
23	Shell-Thin	SLE-ENVE	Min	0	0	0	-7,3411	-2,397	2,4948	-12,14	-3,13
24	Shell-Thin	SLU-ENVE	Max	0	0	0	-34,6453	-6,6191	-0,5356	104,57	11,19
24	Shell-Thin	SLU-ENVE	Max	0	0	0	-54,7129	-11,283	-0,7848	104,57	-0,63
24	Shell-Thin	SLU-ENVE	Max	0	0	0	-55,5812	-	-0,8124	124,77	-0,63
								10,1806			
24	Shell-Thin	SLU-ENVE	Max	0	0	0	-34,2574	-6,3605	-0,5632	124,77	11,19
24	Shell-Thin	SLU-ENVE	Min	0	0	0	-64,9329	-	-7,2235	40,22	-0,7
								12,8092			
24	Shell-Thin	SLU-ENVE	Min	0	0	0	-116,7341	-	-12,2871	40,22	-7,84
								25,5467			
24	Shell-Thin	SLU-ENVE	Min	0	0	0	-127,8957	-	-12,0353	42,73	-7,84
								20,8462			
24	Shell-Thin	SLU-ENVE	Min	0	0	0	-66,5522	-	-7,1304	42,73	-0,7
								12,8659			
24	Shell-Thin	SLE-ENVE	Max	0	0	0	-24,8139	-4,7486	-0,3334	62,45	5,99
24	Shell-Thin	SLE-ENVE	Max	0	0	0	-39,3798	-8,129	-0,4987	62,45	-0,93
24	Shell-Thin	SLE-ENVE	Max	0	0	0	-39,9106	-7,3328	-0,5158	73,75	-0,93
24	Shell-Thin	SLE-ENVE	Max	0	0	0	-24,4807	-4,5496	-0,3505	73,75	5,99
24	Shell-Thin	SLE-ENVE	Min	0	0	0	-40,06	-7,893	-4,0553	29,2	-0,47
24	Shell-Thin	SLE-ENVE	Min	0	0	0	-70,9826	-	-6,8184	29,2	-4,56
								15,4483			
24	Shell-Thin	SLE-ENVE	Min	0	0	0	-77,1608	-	-6,6881	30,93	-4,56
								12,7999			
24	Shell-Thin	SLE-ENVE	Min	0	0	0	-40,8904	-7,8816	-4,0109	30,93	-0,47
25	Shell-Thin	SLU-ENVE	Max	0	0	0	-34,2596	-6,3716	-1,0925	128,11	-0,65
25	Shell-Thin	SLU-ENVE	Max	0	0	0	-55,5903	-	-0,2942	128,11	42,42
								10,2258			
25	Shell-Thin	SLU-ENVE	Max	0	0	0	-52,6533	-	-0,6335	109,1	42,42
								12,3219			
25	Shell-Thin	SLU-ENVE	Max	0	0	0	-35,8309	-5,5312	-1,4317	109,1	-0,65
25	Shell-Thin	SLU-ENVE	Min	0	0	0	-66,5602	-	-8,2534	43,92	-8,09
								12,9083			
25	Shell-Thin	SLU-ENVE	Min	0	0	0	-127,9224	-	-10,0886	43,92	6,95
								20,9797			
25	Shell-Thin	SLU-ENVE	Min	0	0	0	-125,3914	-	-10,6582	34,9	6,95
								30,9666			
25	Shell-Thin	SLU-ENVE	Min	0	0	0	-73,3706	-	-8,8878	34,9	-8,09
								10,6823			
25	Shell-Thin	SLE-ENVE	Max	0	0	0	-24,4822	-4,5573	-0,705	75,73	-1,2
25	Shell-Thin	SLE-ENVE	Max	0	0	0	-39,9172	-7,3658	-0,1609	75,73	23,73
25	Shell-Thin	SLE-ENVE	Max	0	0	0	-37,7092	-8,8151	-0,3847	64,16	23,73
25	Shell-Thin	SLE-ENVE	Max	0	0	0	-25,5538	-3,9565	-0,9289	64,16	-1,2
25	Shell-Thin	SLE-ENVE	Min	0	0	0	-40,8951	-7,9064	-4,6723	31,77	-5,09
25	Shell-Thin	SLE-ENVE	Min	0	0	0	-77,1767	-	-5,5935	31,77	4,71
								12,8794			
25	Shell-Thin	SLE-ENVE	Min	0	0	0	-75,398	-	-5,9645	25,21	4,71
								18,5186			
25	Shell-Thin	SLE-ENVE	Min	0	0	0	-44,8314	-6,7217	-5,062	25,21	-5,09
26	Shell-Thin	SLU-ENVE	Max	0	0	0	-54,5266	-	-1,6048	201,38	-2,8
								11,2457			

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1° LOTTO – Piovene Rocchette – Valle dell’Astico

Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
26	Shell-Thin	SLU-ENVE	Max	0	0	0	-65,9121	-15,752	-1,3456	201,38	-37,37
26	Shell-Thin	SLU-ENVE	Max	0	0	0	-61,0281	-6,0256	-0,6825	67,12	-37,37
26	Shell-Thin	SLU-ENVE	Max	0	0	0	-56,1058	-	-0,9417	67,12	-2,8
								10,2856			
26	Shell-Thin	SLU-ENVE	Min	0	0	0	-116,0153	-25,403	-19,5661	54,47	-8,86
26	Shell-Thin	SLU-ENVE	Min	0	0	0	-158,2599	-42,722	-21,1063	54,47	-139,08
26	Shell-Thin	SLU-ENVE	Min	0	0	0	-145,371	-8,1385	-18,6466	1,36	-139,08
26	Shell-Thin	SLU-ENVE	Min	0	0	0	-129,9783	-	-17,1063	1,36	-8,86
								21,2628			
26	Shell-Thin	SLE-ENVE	Max	0	0	0	-39,2481	-8,1027	-1,0495	116,52	-2,3
26	Shell-Thin	SLE-ENVE	Max	0	0	0	-47,4951	-	-0,8684	116,52	-26,82
								11,3299			
26	Shell-Thin	SLE-ENVE	Max	0	0	0	-43,9372	-4,3523	-0,4231	40,22	-26,82
26	Shell-Thin	SLE-ENVE	Max	0	0	0	-40,2845	-7,4075	-0,6042	40,22	-2,3
26	Shell-Thin	SLE-ENVE	Min	0	0	0	-70,5732	-	-10,8864	39,45	-5,17
								15,3664			
26	Shell-Thin	SLE-ENVE	Min	0	0	0	-95,0169	-	-11,714	39,45	-79,68
								25,3072			
26	Shell-Thin	SLE-ENVE	Min	0	0	0	-87,5418	-5,3713	-10,2891	4,86	-79,68
26	Shell-Thin	SLE-ENVE	Min	0	0	0	-78,3574	-	-9,4615	4,86	-5,17
								13,0392			
27	Shell-Thin	SLU-ENVE	Max	0	0	0	-56,1148	-	1,1751	73,43	58,33
								10,3307			
27	Shell-Thin	SLU-ENVE	Max	0	0	0	-60,9915	-5,5504	0,9064	73,43	240,44
27	Shell-Thin	SLU-ENVE	Max	0	0	0	-70,1259	-	0,9753	336,76	240,44
								20,3738			
27	Shell-Thin	SLU-ENVE	Max	0	0	0	-51,9358	-	1,2439	336,76	58,33
								12,1784			
27	Shell-Thin	SLU-ENVE	Min	0	0	0	-130,005	-	-10,3818	4,42	8,84
								21,3962			
27	Shell-Thin	SLU-ENVE	Min	0	0	0	-145,2759	-7,7214	-13,4034	4,42	57,02
27	Shell-Thin	SLU-ENVE	Min	0	0	0	-191,087	-	-12,9296	90,69	57,02
								60,2019			
27	Shell-Thin	SLU-ENVE	Min	0	0	0	-123,1515	-	-10,1061	90,69	8,84
								30,5187			
27	Shell-Thin	SLE-ENVE	Max	0	0	0	-40,2911	-7,4406	0,8285	43,95	32,61
27	Shell-Thin	SLE-ENVE	Max	0	0	0	-43,9108	-4,0665	0,6472	43,95	137,7
27	Shell-Thin	SLE-ENVE	Max	0	0	0	-50,3191	-	0,6969	195,74	137,7
								14,5927			
27	Shell-Thin	SLE-ENVE	Max	0	0	0	-37,1997	-8,7132	0,8781	195,74	32,61
27	Shell-Thin	SLE-ENVE	Min	0	0	0	-78,3733	-	-5,5132	6,89	6
								13,1187			
27	Shell-Thin	SLE-ENVE	Min	0	0	0	-87,4847	-5,1175	-7,2451	6,89	40,4
27	Shell-Thin	SLE-ENVE	Min	0	0	0	-113,5547	-	-6,9736	65,4	40,4
								35,4778			
27	Shell-Thin	SLE-ENVE	Min	0	0	0	-74,0841	-	-5,3525	65,4	6
								18,2558			
28	Shell-Thin	SLU-ENVE	Max	0	0	0	-65,8595	-	0,2055	-53,14	-37,29
								15,7415			
28	Shell-Thin	SLU-ENVE	Max	0	0	0	-49,3777	-9,879	0,6077	-53,14	10,68
28	Shell-Thin	SLU-ENVE	Max	0	0	0	-50,8707	-9,8017	0,1548	-32,51	10,68
28	Shell-Thin	SLU-ENVE	Max	0	0	0	-61,1636	-6,1279	-0,2474	-32,51	-37,29

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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
28	Shell-Thin	SLU-ENVE	Min	0	0	0	-158,0736	-	-17,9282	-223,92	-140,13
								42,6847			
28	Shell-Thin	SLU-ENVE	Min	0	0	0	-88,3064	-	-19,7577	-223,92	-1,79
								18,5627			
28	Shell-Thin	SLU-ENVE	Min	0	0	0	-100,7334	-	-21,9176	-141,86	-1,79
								19,7075			
28	Shell-Thin	SLU-ENVE	Min	0	0	0	-145,8823	-8,2216	-20,0881	-141,86	-140,13
28	Shell-Thin	SLE-ENVE	Max	0	0	0	-47,4574	-	0,1919	-37,03	-26,74
								11,3224			
28	Shell-Thin	SLE-ENVE	Max	0	0	0	-35,9773	-7,1707	0,4714	-37,03	5,72
28	Shell-Thin	SLE-ENVE	Max	0	0	0	-36,9764	-7,0896	0,1631	-22,29	5,72
28	Shell-Thin	SLE-ENVE	Max	0	0	0	-44,0339	-4,4111	-0,1163	-22,29	-26,74
28	Shell-Thin	SLE-ENVE	Min	0	0	0	-94,9097	-	-9,847	-126,27	-80,25
								25,2858			
28	Shell-Thin	SLE-ENVE	Min	0	0	0	-55,5704	-	-10,823	-126,27	-1,26
								11,5689			
28	Shell-Thin	SLE-ENVE	Min	0	0	0	-62,4967	-	-12,0372	-79,61	-1,26
								12,1864			
28	Shell-Thin	SLE-ENVE	Min	0	0	0	-87,8358	-5,4204	-11,0612	-79,61	-80,25
29	Shell-Thin	SLU-ENVE	Max	0	0	0	-61,127	-5,6527	-1,1014	-35,02	238,86
29	Shell-Thin	SLU-ENVE	Max	0	0	0	-50,885	-9,8732	-1,5857	-35,02	27,25
29	Shell-Thin	SLU-ENVE	Max	0	0	0	-46,7282	-9,024	-1,3054	-78,28	27,25
29	Shell-Thin	SLU-ENVE	Max	0	0	0	-69,9468	-20,338	-0,8211	-78,28	238,86
29	Shell-Thin	SLU-ENVE	Min	0	0	0	-145,7873	-7,8044	-23,6571	-147,06	56,98
29	Shell-Thin	SLU-ENVE	Min	0	0	0	-100,7707	-19,894	-29,9326	-147,06	-2,42
29	Shell-Thin	SLU-ENVE	Min	0	0	0	-92,1085	-	-30,6818	-325,86	-2,42
								21,4771			
29	Shell-Thin	SLU-ENVE	Min	0	0	0	-190,7649	-	-24,4064	-325,86	56,98
								60,1375			
29	Shell-Thin	SLE-ENVE	Max	0	0	0	-44,0075	-4,1253	-0,6965	-24,11	136,85
29	Shell-Thin	SLE-ENVE	Max	0	0	0	-36,9868	-7,1414	-1,0222	-24,11	14,38
29	Shell-Thin	SLE-ENVE	Max	0	0	0	-33,9433	-6,4847	-0,8442	-54,86	14,38
29	Shell-Thin	SLE-ENVE	Max	0	0	0	-50,1881	-	-0,5186	-54,86	136,85
								14,5665			
29	Shell-Thin	SLE-ENVE	Min	0	0	0	-87,7787	-5,1665	-13,0865	-82,81	40,4
29	Shell-Thin	SLE-ENVE	Min	0	0	0	-62,5191	-	-16,5666	-82,81	-1,54
								12,2985			
29	Shell-Thin	SLE-ENVE	Min	0	0	0	-57,2652	-	-16,9134	-185,58	-1,54
								12,9921			
29	Shell-Thin	SLE-ENVE	Min	0	0	0	-113,3546	-	-13,4332	-185,58	40,4
								35,4378			
30	Shell-Thin	SLU-ENVE	Max	0	0	0	-49,5809	-9,9196	-0,0864	-39,84	7,53
30	Shell-Thin	SLU-ENVE	Max	0	0	0	12,2477	1,094	-0,1885	-39,84	8,09
30	Shell-Thin	SLU-ENVE	Max	0	0	0	15,9742	1,3296	-0,0442	-42,45	8,09
30	Shell-Thin	SLU-ENVE	Max	0	0	0	-50,2981	-9,6871	0,0579	-42,45	7,53
30	Shell-Thin	SLU-ENVE	Min	0	0	0	-89,0996	-	-26,0918	-166,93	-0,9
								18,7214			
30	Shell-Thin	SLU-ENVE	Min	0	0	0	-34,6211	-6,3319	-28,7809	-166,93	-3,1
30	Shell-Thin	SLU-ENVE	Min	0	0	0	-33,9929	-5,5057	-29,0028	-191,1	-3,1
30	Shell-Thin	SLU-ENVE	Min	0	0	0	-98,4915	-	-26,3137	-191,1	-0,9
								19,2591			
30	Shell-Thin	SLE-ENVE	Max	0	0	0	-36,1224	-7,1997	0,0027	-27,45	4,03

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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
30	Shell-Thin	SLE-ENVE	Max	0	0	0	0,3769	-0,5245	-0,066	-27,45	3,88
30	Shell-Thin	SLE-ENVE	Max	0	0	0	2,5392	-0,2348	0,0261	-29,19	3,88
30	Shell-Thin	SLE-ENVE	Max	0	0	0	-36,5681	-7,008	0,0948	-29,19	4,03
30	Shell-Thin	SLE-ENVE	Min	0	0	0	-56,0234	-	-14,3567	-94,34	-0,63
								11,6595			
30	Shell-Thin	SLE-ENVE	Min	0	0	0	-22,5832	-4,137	-15,8324	-94,34	-2,03
30	Shell-Thin	SLE-ENVE	Min	0	0	0	-22,1558	-3,6011	-15,915	-107,8	-2,03
30	Shell-Thin	SLE-ENVE	Min	0	0	0	-61,2091	-	-14,4393	-107,8	-0,63
								11,9289			
31	Shell-Thin	SLU-ENVE	Max	0	0	0	-50,3124	-9,7587	-0,095	-43,25	8,27
31	Shell-Thin	SLU-ENVE	Max	0	0	0	15,971	1,3135	0,5199	-43,25	-3,06
31	Shell-Thin	SLU-ENVE	Max	0	0	0	17,3153	4,2804	0,8781	-35,83	-3,06
31	Shell-Thin	SLU-ENVE	Max	0	0	0	-47,6079	-9,2	0,2632	-35,83	8,27
31	Shell-Thin	SLU-ENVE	Min	0	0	0	-98,5288	-	-28,3846	-192,07	-4,01
								19,4456			
31	Shell-Thin	SLU-ENVE	Min	0	0	0	-33,993	-5,5061	-27,6305	-192,07	-15,81
31	Shell-Thin	SLU-ENVE	Min	0	0	0	-35,0486	-4,0063	-27,6311	-177,44	-15,81
31	Shell-Thin	SLU-ENVE	Min	0	0	0	-94,1722	-	-28,3853	-177,44	-4,01
								21,8898			
31	Shell-Thin	SLE-ENVE	Max	0	0	0	-36,5784	-7,0597	-0,0183	-29,78	3,85
31	Shell-Thin	SLE-ENVE	Max	0	0	0	2,5374	-0,2438	0,4014	-29,78	-2,7
31	Shell-Thin	SLE-ENVE	Max	0	0	0	3,1264	1,6709	0,6343	-24,37	-2,7
31	Shell-Thin	SLE-ENVE	Max	0	0	0	-34,58	-6,612	0,2146	-24,37	3,85
31	Shell-Thin	SLE-ENVE	Min	0	0	0	-61,2315	-	-15,5542	-108,45	-2,63
								12,0409			
31	Shell-Thin	SLE-ENVE	Min	0	0	0	-22,1559	-3,6014	-15,0808	-108,45	-10,04
31	Shell-Thin	SLE-ENVE	Min	0	0	0	-22,8603	-2,6197	-15,0122	-99,54	-10,04
31	Shell-Thin	SLE-ENVE	Min	0	0	0	-58,5109	-	-15,4857	-99,54	-2,63
								13,2413			
32	Shell-Thin	SLU-ENVE	Max	0	0	0	12,5044	1,1453	-0,0674	-31,47	-0,68
32	Shell-Thin	SLU-ENVE	Max	0	0	0	73,254	13,8849	-0,1767	-31,47	-1,81
32	Shell-Thin	SLU-ENVE	Max	0	0	0	78,2395	13,2922	-0,0916	-31,04	-1,81
32	Shell-Thin	SLU-ENVE	Max	0	0	0	15,1156	1,1579	0,0176	-31,04	-0,68
32	Shell-Thin	SLU-ENVE	Min	0	0	0	-34,5238	-6,3125	-27,8584	-155,74	-5,08
32	Shell-Thin	SLU-ENVE	Min	0	0	0	-18,7583	-2,7224	-25,3557	-155,74	-4,36
32	Shell-Thin	SLU-ENVE	Min	0	0	0	-18,89	-2,1057	-25,4108	-164,34	-4,36
32	Shell-Thin	SLU-ENVE	Min	0	0	0	-34,3852	-5,5842	-27,9135	-164,34	-5,08
32	Shell-Thin	SLE-ENVE	Max	0	0	0	0,5314	-0,4936	0,0184	-21,39	-0,88
32	Shell-Thin	SLE-ENVE	Max	0	0	0	35,6918	7,0163	-0,0511	-21,39	-1,42
32	Shell-Thin	SLE-ENVE	Max	0	0	0	38,4316	6,8191	0,0039	-21,02	-1,42
32	Shell-Thin	SLE-ENVE	Max	0	0	0	2,0059	-0,3415	0,0733	-21,02	-0,88
32	Shell-Thin	SLE-ENVE	Min	0	0	0	-22,5161	-4,1236	-15,312	-88,22	-3,35
32	Shell-Thin	SLE-ENVE	Min	0	0	0	-11,9314	-1,724	-13,9498	-88,22	-2,9
32	Shell-Thin	SLE-ENVE	Min	0	0	0	-12,0188	-1,3241	-13,9554	-92,9	-2,9
32	Shell-Thin	SLE-ENVE	Min	0	0	0	-22,4205	-3,6546	-15,3176	-92,9	-3,35
33	Shell-Thin	SLU-ENVE	Max	0	0	0	15,1124	1,1418	0,2228	-30,63	-5,26
33	Shell-Thin	SLU-ENVE	Max	0	0	0	78,2403	13,2966	-0,1692	-30,63	-0,87
33	Shell-Thin	SLU-ENVE	Max	0	0	0	82,8679	12,9616	-0,1876	-30,54	-0,87
33	Shell-Thin	SLU-ENVE	Max	0	0	0	18,3103	4,4794	0,2043	-30,54	-5,26
33	Shell-Thin	SLU-ENVE	Min	0	0	0	-34,3852	-5,5845	-27,8013	-163,24	-18,21
33	Shell-Thin	SLU-ENVE	Min	0	0	0	-18,8901	-2,1059	-25,7777	-163,24	-4,85

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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
33	Shell-Thin	SLU-ENVE	Min	0	0	0	-19,1606	-1,3852	-26,107	-171,74	-4,85
33	Shell-Thin	SLU-ENVE	Min	0	0	0	-34,5766	-3,9119	-28,1307	-171,74	-18,21
33	Shell-Thin	SLE-ENVE	Max	0	0	0	2,0041	-0,3504	0,2069	-20,75	-3,89
33	Shell-Thin	SLE-ENVE	Max	0	0	0	38,432	6,8214	-0,0482	-20,75	-0,87
33	Shell-Thin	SLE-ENVE	Max	0	0	0	40,9518	6,7993	-0,0626	-20,64	-0,87
33	Shell-Thin	SLE-ENVE	Max	0	0	0	3,7474	1,7951	0,1925	-20,64	-3,89
33	Shell-Thin	SLE-ENVE	Min	0	0	0	-22,4205	-3,6548	-15,212	-92,26	-11,13
33	Shell-Thin	SLE-ENVE	Min	0	0	0	-12,0188	-1,3242	-14,1545	-92,26	-3,18
33	Shell-Thin	SLE-ENVE	Min	0	0	0	-12,1959	-0,8612	-14,3191	-96,95	-3,18
33	Shell-Thin	SLE-ENVE	Min	0	0	0	-22,5429	-2,5555	-15,3766	-96,95	-11,13
34	Shell-Thin	SLU-ENVE	Max	0	0	0	73,2912	13,8923	-0,2785	-23,55	-1,85
34	Shell-Thin	SLU-ENVE	Max	0	0	0	126,6734	24,1263	-0,4069	-23,55	-0,37
34	Shell-Thin	SLU-ENVE	Max	0	0	0	134,9629	23,0696	-0,4649	-23,73	-0,37
34	Shell-Thin	SLU-ENVE	Max	0	0	0	78,2483	13,294	-0,3365	-23,73	-1,85
34	Shell-Thin	SLU-ENVE	Min	0	0	0	-18,7572	-2,7222	-21,0906	-105,93	-8,92
34	Shell-Thin	SLU-ENVE	Min	0	0	0	-6,7054	-0,3922	-16,1943	-105,93	-7,09
34	Shell-Thin	SLU-ENVE	Min	0	0	0	-6,7391	-0,1518	-16,3489	-112,59	-7,09
34	Shell-Thin	SLU-ENVE	Min	0	0	0	-18,859	-2,0995	-21,2999	-112,59	-8,92
34	Shell-Thin	SLE-ENVE	Max	0	0	0	35,7128	7,0205	-0,1181	-15,68	-1,42
34	Shell-Thin	SLE-ENVE	Max	0	0	0	66,3486	12,9264	-0,2038	-15,68	-0,39
34	Shell-Thin	SLE-ENVE	Max	0	0	0	70,9262	12,4372	-0,2416	-15,76	-0,39
34	Shell-Thin	SLE-ENVE	Max	0	0	0	38,4398	6,8208	-0,156	-15,76	-1,42
34	Shell-Thin	SLE-ENVE	Min	0	0	0	-11,9306	-1,7238	-11,6108	-60,81	-5,4
34	Shell-Thin	SLE-ENVE	Min	0	0	0	-4,0173	-0,1929	-8,9288	-60,81	-4,25
34	Shell-Thin	SLE-ENVE	Min	0	0	0	-4,0444	-0,0409	-9,0113	-64,51	-4,25
34	Shell-Thin	SLE-ENVE	Min	0	0	0	-11,9979	-1,3199	-11,7256	-64,51	-5,4
35	Shell-Thin	SLU-ENVE	Max	0	0	0	78,2492	13,2984	-0,4086	-23,34	-2,1
35	Shell-Thin	SLU-ENVE	Max	0	0	0	134,962	23,0653	-0,5968	-23,34	3,24
35	Shell-Thin	SLU-ENVE	Max	0	0	0	143,7021	23,1284	-0,7551	-23,64	3,24
35	Shell-Thin	SLU-ENVE	Max	0	0	0	83,4316	13,0743	-0,5668	-23,64	-2,1
35	Shell-Thin	SLU-ENVE	Min	0	0	0	-18,859	-2,0997	-21,6937	-111,94	-10,73
35	Shell-Thin	SLU-ENVE	Min	0	0	0	-6,7388	-0,1498	-16,611	-111,94	-11,88
35	Shell-Thin	SLU-ENVE	Min	0	0	0	-6,8016	0,0416	-17,0055	-119,05	-11,88
35	Shell-Thin	SLU-ENVE	Min	0	0	0	-19,063	-1,3657	-22,0662	-119,05	-10,73
35	Shell-Thin	SLE-ENVE	Max	0	0	0	38,4402	6,823	-0,2045	-15,49	-1,62
35	Shell-Thin	SLE-ENVE	Max	0	0	0	70,9257	12,4349	-0,3267	-15,49	1,57
35	Shell-Thin	SLE-ENVE	Max	0	0	0	75,7422	12,5822	-0,4304	-15,67	1,57
35	Shell-Thin	SLE-ENVE	Max	0	0	0	41,2738	6,8637	-0,3082	-15,67	-1,62
35	Shell-Thin	SLE-ENVE	Min	0	0	0	-11,9979	-1,32	-11,9386	-64,11	-6,51
35	Shell-Thin	SLE-ENVE	Min	0	0	0	-4,0441	-0,0396	-9,1618	-64,11	-6,93
35	Shell-Thin	SLE-ENVE	Min	0	0	0	-4,0868	0,0756	-9,3848	-68,08	-6,93
35	Shell-Thin	SLE-ENVE	Min	0	0	0	-12,131	-0,8483	-12,1532	-68,08	-6,51
36	Shell-Thin	SLU-ENVE	Max	0	0	0	126,684	24,1284	-0,4621	-16,44	-0,64
36	Shell-Thin	SLU-ENVE	Max	0	0	0	137,0591	26,4573	-0,4683	-16,44	0,34
36	Shell-Thin	SLU-ENVE	Max	0	0	0	145,7043	25,0795	-0,555	-16,7	0,34
36	Shell-Thin	SLU-ENVE	Max	0	0	0	134,926	23,0622	-0,5487	-16,7	-0,64
36	Shell-Thin	SLU-ENVE	Min	0	0	0	-6,6928	-0,3897	-10,2197	-50,8	-10,22
36	Shell-Thin	SLU-ENVE	Min	0	0	0	1,826	1,0357	-3,4792	-50,8	-8,97
36	Shell-Thin	SLU-ENVE	Min	0	0	0	1,8959	1,0219	-3,5991	-53,87	-8,97
36	Shell-Thin	SLU-ENVE	Min	0	0	0	-6,7327	-0,1505	-10,3396	-53,87	-10,22

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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
36	Shell-Thin	SLE-ENVE	Max	0	0	0	66,3559	12,9279	-0,2444	-10,5	-0,56
36	Shell-Thin	SLE-ENVE	Max	0	0	0	73,295	14,4261	-0,2547	-10,5	0,11
36	Shell-Thin	SLE-ENVE	Max	0	0	0	78,0759	13,7265	-0,3091	-10,63	0,11
36	Shell-Thin	SLE-ENVE	Max	0	0	0	70,9063	12,4332	-0,2989	-10,63	-0,56
36	Shell-Thin	SLE-ENVE	Min	0	0	0	-4,009	-0,1912	-5,639	-28,85	-6
36	Shell-Thin	SLE-ENVE	Min	0	0	0	1,3476	0,7056	-1,925	-28,85	-5,18
36	Shell-Thin	SLE-ENVE	Min	0	0	0	1,3823	0,6964	-1,9962	-30,56	-5,18
36	Shell-Thin	SLE-ENVE	Min	0	0	0	-4,04	-0,0401	-5,7102	-30,56	-6
37	Shell-Thin	SLU-ENVE	Max	0	0	0	134,9251	23,0579	-0,6755	-16,43	1,78
37	Shell-Thin	SLU-ENVE	Max	0	0	0	145,7073	25,0946	-0,6618	-16,43	0,88
37	Shell-Thin	SLU-ENVE	Max	0	0	0	154,5203	24,0424	-0,8145	-16,66	0,88
37	Shell-Thin	SLU-ENVE	Max	0	0	0	143,9535	23,1787	-0,8283	-16,66	1,78
37	Shell-Thin	SLU-ENVE	Min	0	0	0	-6,7323	-0,1486	-10,5892	-53,49	-15,51
37	Shell-Thin	SLU-ENVE	Min	0	0	0	1,8962	1,023	-3,694	-53,49	-10,81
37	Shell-Thin	SLU-ENVE	Min	0	0	0	1,9687	0,8836	-3,9076	-55,81	-10,81
37	Shell-Thin	SLU-ENVE	Min	0	0	0	-6,7601	0,0499	-10,8029	-55,81	-15,51
37	Shell-Thin	SLE-ENVE	Max	0	0	0	70,9059	12,4309	-0,3804	-10,46	0,71
37	Shell-Thin	SLE-ENVE	Max	0	0	0	78,0776	13,7349	-0,3744	-10,46	0,46
37	Shell-Thin	SLE-ENVE	Max	0	0	0	82,945	13,2198	-0,4705	-10,58	0,46
37	Shell-Thin	SLE-ENVE	Max	0	0	0	75,8874	12,6112	-0,4765	-10,58	0,71
37	Shell-Thin	SLE-ENVE	Min	0	0	0	-4,0397	-0,0387	-5,8534	-30,34	-8,98
37	Shell-Thin	SLE-ENVE	Min	0	0	0	1,3825	0,6972	-2,0575	-30,34	-6,2
37	Shell-Thin	SLE-ENVE	Min	0	0	0	1,4224	0,6039	-2,1847	-31,64	-6,2
37	Shell-Thin	SLE-ENVE	Min	0	0	0	-4,06	0,081	-5,9807	-31,64	-8,98
38	Shell-Thin	SLU-ENVE	Max	0	0	0	137,0335	26,4522	5,8229	49	0,09054
38	Shell-Thin	SLU-ENVE	Max	0	0	0	125,7489	23,7494	12,5501	49	0,59
38	Shell-Thin	SLU-ENVE	Max	0	0	0	133,7261	22,6249	12,6108	52,46	0,59
38	Shell-Thin	SLU-ENVE	Max	0	0	0	145,708	25,0802	5,8837	52,46	0,09054
38	Shell-Thin	SLU-ENVE	Min	0	0	0	1,8319	1,0369	-0,5289	-9,72	-8,87
38	Shell-Thin	SLU-ENVE	Min	0	0	0	6,8237	1,7889	-0,3394	-9,72	-9,72
38	Shell-Thin	SLU-ENVE	Min	0	0	0	6,975	1,6415	-0,3949	-9,89	-9,72
38	Shell-Thin	SLU-ENVE	Min	0	0	0	1,8957	1,0219	-0,5844	-9,89	-8,87
38	Shell-Thin	SLE-ENVE	Max	0	0	0	73,2817	14,4234	3,2036	25,12	-
											0,03585
38	Shell-Thin	SLE-ENVE	Max	0	0	0	67,4498	12,951	6,9155	25,12	0,29
38	Shell-Thin	SLE-ENVE	Max	0	0	0	71,8641	12,3763	6,9346	27,02	0,29
38	Shell-Thin	SLE-ENVE	Max	0	0	0	78,0779	13,7269	3,2227	27,02	-
											0,03585
38	Shell-Thin	SLE-ENVE	Min	0	0	0	1,3512	0,7063	-0,3094	-6,14	-5,12
38	Shell-Thin	SLE-ENVE	Min	0	0	0	4,1499	1,1169	-0,2193	-6,14	-5,55
38	Shell-Thin	SLE-ENVE	Min	0	0	0	4,2278	1,0318	-0,2594	-6,26	-5,55
38	Shell-Thin	SLE-ENVE	Min	0	0	0	1,3823	0,6964	-0,3495	-6,26	-5,12
39	Shell-Thin	SLU-ENVE	Max	0	0	0	145,7111	25,0954	5,907	52,11	0,56
39	Shell-Thin	SLU-ENVE	Max	0	0	0	133,725	22,6197	12,8032	52,11	1,29
39	Shell-Thin	SLU-ENVE	Max	0	0	0	142,5504	22,7875	12,9517	54,68	1,29
39	Shell-Thin	SLU-ENVE	Max	0	0	0	154,4284	24,024	6,0554	54,68	0,56
39	Shell-Thin	SLU-ENVE	Min	0	0	0	1,8959	1,023	-0,6829	-9,75	-10,82
39	Shell-Thin	SLU-ENVE	Min	0	0	0	6,9753	1,6428	-0,4465	-9,75	-15,45
39	Shell-Thin	SLU-ENVE	Min	0	0	0	7,1524	1,33	-0,5492	-9,91	-15,45
39	Shell-Thin	SLU-ENVE	Min	0	0	0	1,9915	0,8881	-0,7747	-9,91	-10,82



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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
39	Shell-Thin	SLE-ENVE	Max	0	0	0	78,0796	13,7354	3,2188	26,86	0,26
39	Shell-Thin	SLE-ENVE	Max	0	0	0	71,8635	12,3734	7,0234	26,86	0,71
39	Shell-Thin	SLE-ENVE	Max	0	0	0	76,7468	12,5226	7,0849	28,28	0,71
39	Shell-Thin	SLE-ENVE	Max	0	0	0	82,8989	13,2106	3,2803	28,28	0,26
39	Shell-Thin	SLE-ENVE	Min	0	0	0	1,3825	0,6972	-0,4175	-6,17	-6,21
39	Shell-Thin	SLE-ENVE	Min	0	0	0	4,228	1,0327	-0,2925	-6,17	-8,75
39	Shell-Thin	SLE-ENVE	Min	0	0	0	4,3265	0,8442	-0,3554	-6,29	-8,75
39	Shell-Thin	SLE-ENVE	Min	0	0	0	1,4359	0,6066	-0,4805	-6,29	-6,21
40	Shell-Thin	SLU-ENVE	Max	0	0	0	125,7526	23,7502	18,4256	105,16	0,38
40	Shell-Thin	SLU-ENVE	Max	0	0	0	72,8597	13,3775	23,0499	105,16	0,35
40	Shell-Thin	SLU-ENVE	Max	0	0	0	77,4054	12,6639	23,1635	112,06	0,35
40	Shell-Thin	SLU-ENVE	Max	0	0	0	133,75	22,6296	18,5392	112,06	0,38
40	Shell-Thin	SLU-ENVE	Min	0	0	0	6,8258	1,7894	-0,191	-2,94	-6,28
40	Shell-Thin	SLU-ENVE	Min	0	0	0	8,3221	1,9505	-0,0042	-2,94	-9,23
40	Shell-Thin	SLU-ENVE	Min	0	0	0	8,5653	1,8017	-0,035	-3,19	-9,23
40	Shell-Thin	SLU-ENVE	Min	0	0	0	6,9714	1,6408	-0,2218	-3,19	-6,28
40	Shell-Thin	SLE-ENVE	Max	0	0	0	67,452	12,9514	10,1589	57,64	0,18
40	Shell-Thin	SLE-ENVE	Max	0	0	0	38,4803	7,2165	12,7105	57,64	0,12
40	Shell-Thin	SLE-ENVE	Max	0	0	0	40,9915	6,86	12,7579	61,47	0,12
40	Shell-Thin	SLE-ENVE	Max	0	0	0	71,8774	12,3789	10,2063	61,47	0,18
40	Shell-Thin	SLE-ENVE	Min	0	0	0	4,1508	1,117	-0,1166	-1,25	-3,65
40	Shell-Thin	SLE-ENVE	Min	0	0	0	4,4039	1,0813	-0,0192	-1,25	-5,11
40	Shell-Thin	SLE-ENVE	Min	0	0	0	4,5332	1,0141	-0,0364	-1,4	-5,11
40	Shell-Thin	SLE-ENVE	Min	0	0	0	4,2247	1,0312	-0,1338	-1,4	-3,65
41	Shell-Thin	SLU-ENVE	Max	0	0	0	133,749	22,6245	18,761	111,43	1,06
41	Shell-Thin	SLU-ENVE	Max	0	0	0	77,4068	12,671	23,4086	111,43	1,24
41	Shell-Thin	SLU-ENVE	Max	0	0	0	82,0426	12,3806	23,7514	119,26	1,24
41	Shell-Thin	SLU-ENVE	Max	0	0	0	142,2999	22,7374	19,1039	119,26	1,06
41	Shell-Thin	SLU-ENVE	Min	0	0	0	6,9716	1,642	-0,2781	-3,16	-11,47
41	Shell-Thin	SLU-ENVE	Min	0	0	0	8,5655	1,8029	-0,0454	-3,16	-17,76
41	Shell-Thin	SLU-ENVE	Min	0	0	0	8,801	1,4548	-0,0832	-3,32	-17,76
41	Shell-Thin	SLU-ENVE	Min	0	0	0	7,1629	1,3322	-0,3159	-3,32	-11,47
41	Shell-Thin	SLE-ENVE	Max	0	0	0	71,8768	12,376	10,3118	61,13	0,59
41	Shell-Thin	SLE-ENVE	Max	0	0	0	40,9923	6,8639	12,8769	61,13	0,64
41	Shell-Thin	SLE-ENVE	Max	0	0	0	43,5497	6,7502	13,0479	65,48	0,64
41	Shell-Thin	SLE-ENVE	Max	0	0	0	76,6069	12,4947	10,4827	65,48	0,59
41	Shell-Thin	SLE-ENVE	Min	0	0	0	4,2249	1,0321	-0,1634	-1,39	-6,55
41	Shell-Thin	SLE-ENVE	Min	0	0	0	4,5333	1,0149	-0,0398	-1,39	-9,83
41	Shell-Thin	SLE-ENVE	Min	0	0	0	4,6498	0,8304	-0,0562	-1,45	-9,83
41	Shell-Thin	SLE-ENVE	Min	0	0	0	4,3308	0,8451	-0,1798	-1,45	-6,55
42	Shell-Thin	SLU-ENVE	Max	0	0	0	72,8127	13,3681	26,6421	155,92	0,17
42	Shell-Thin	SLU-ENVE	Max	0	0	0	10,8059	2,3373	28,4987	155,92	6,61
42	Shell-Thin	SLU-ENVE	Max	0	0	0	11,2805	2,1906	28,575	167,1	6,61
42	Shell-Thin	SLU-ENVE	Max	0	0	0	77,5215	12,6871	26,7183	167,1	0,17
42	Shell-Thin	SLU-ENVE	Min	0	0	0	8,3174	1,9496	0,2087	3,38	-4,5
42	Shell-Thin	SLU-ENVE	Min	0	0	0	-27,9737	-8,0678	0,4581	3,38	-0,18
42	Shell-Thin	SLU-ENVE	Min	0	0	0	-28,9462	-	0,4527	3,17	-0,18
								10,4725			
42	Shell-Thin	SLU-ENVE	Min	0	0	0	8,5652	1,8017	0,2033	3,17	-4,5
42	Shell-Thin	SLE-ENVE	Max	0	0	0	38,4543	7,2113	14,6996	85,5	0,01708

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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
42	Shell-Thin	SLE-ENVE	Max	0	0	0	4,4578	1,0702	15,7151	85,5	3,68
42	Shell-Thin	SLE-ENVE	Max	0	0	0	4,7017	0,9761	15,7413	91,71	3,68
42	Shell-Thin	SLE-ENVE	Max	0	0	0	41,056	6,8728	14,7258	91,71	0,01708
42	Shell-Thin	SLE-ENVE	Min	0	0	0	4,4009	1,0807	0,094	3,49	-2,49
42	Shell-Thin	SLE-ENVE	Min	0	0	0	-15,3379	-4,39	0,2237	3,49	-
											0,02457
42	Shell-Thin	SLE-ENVE	Min	0	0	0	-15,8803	-5,7265	0,2163	3,4	-
											0,02457
42	Shell-Thin	SLE-ENVE	Min	0	0	0	4,5336	1,0142	0,0866	3,4	-2,49
43	Shell-Thin	SLU-ENVE	Max	0	0	0	77,5229	12,6943	26,8492	166,34	1,07
43	Shell-Thin	SLU-ENVE	Max	0	0	0	11,281	2,1932	28,5651	166,34	0,25
43	Shell-Thin	SLU-ENVE	Max	0	0	0	11,7933	1,9136	28,835	173,03	0,25
43	Shell-Thin	SLU-ENVE	Max	0	0	0	81,3543	12,2429	27,1191	173,03	1,07
43	Shell-Thin	SLU-ENVE	Min	0	0	0	8,5655	1,8029	0,1826	3,07	-12,66
43	Shell-Thin	SLU-ENVE	Min	0	0	0	-28,9586	-	0,4686	3,07	-33,41
								10,5346			
43	Shell-Thin	SLU-ENVE	Min	0	0	0	-26,5921	-2,9473	0,4843	2,79	-33,41
43	Shell-Thin	SLU-ENVE	Min	0	0	0	8,7966	1,4539	0,1983	2,79	-12,66
43	Shell-Thin	SLE-ENVE	Max	0	0	0	41,0567	6,8768	14,7827	91,3	0,57
43	Shell-Thin	SLE-ENVE	Max	0	0	0	4,7019	0,9769	15,716	91,3	-0,19
43	Shell-Thin	SLE-ENVE	Max	0	0	0	4,9894	0,9148	15,8467	95	-0,19
43	Shell-Thin	SLE-ENVE	Max	0	0	0	43,1673	6,6737	14,9134	95	0,57
43	Shell-Thin	SLE-ENVE	Min	0	0	0	4,5338	1,015	0,0732	3,33	-7,01
43	Shell-Thin	SLE-ENVE	Min	0	0	0	-15,8871	-5,7608	0,2157	3,33	-18,45
43	Shell-Thin	SLE-ENVE	Min	0	0	0	-14,5735	-1,6298	0,2255	3,11	-18,45
43	Shell-Thin	SLE-ENVE	Min	0	0	0	4,6376	0,828	0,083	3,11	-7,01
47	Shell-Thin	SLU-ENVE	Max	0	0	0	10,7597	2,3281	28,1702	237,76	21,29
47	Shell-Thin	SLU-ENVE	Max	0	0	0	5,9956	1,0629	23,7748	237,76	-3,91
47	Shell-Thin	SLU-ENVE	Max	0	0	0	6,7343	1,9263	24,421	279,09	-3,91
47	Shell-Thin	SLU-ENVE	Max	0	0	0	11,3365	2,2018	28,8164	279,09	21,29
47	Shell-Thin	SLU-ENVE	Min	0	0	0	-28,8079	-8,2346	0,7435	9,39	-0,47
47	Shell-Thin	SLU-ENVE	Min	0	0	0	-149,7368	-	0,9891	9,39	-8,3
								32,9948			
47	Shell-Thin	SLU-ENVE	Min	0	0	0	-168,2442	-	1,0134	9,07	-8,3
								27,9146			
47	Shell-Thin	SLU-ENVE	Min	0	0	0	-26,651	-	0,7678	9,07	-0,47
								10,0134			
47	Shell-Thin	SLE-ENVE	Max	0	0	0	4,416	1,0619	15,5203	130,98	11,83
47	Shell-Thin	SLE-ENVE	Max	0	0	0	0,409	-0,0129	13,0652	130,98	-2,72
47	Shell-Thin	SLE-ENVE	Max	0	0	0	0,6779	0,6283	13,406	153,87	-2,72
47	Shell-Thin	SLE-ENVE	Max	0	0	0	4,7709	0,9899	15,8611	153,87	11,83
47	Shell-Thin	SLE-ENVE	Min	0	0	0	-15,7988	-4,4821	0,3736	7,94	-0,14
47	Shell-Thin	SLE-ENVE	Min	0	0	0	-82,4103	-	0,4526	7,94	-4,62
								18,1515			
47	Shell-Thin	SLE-ENVE	Min	0	0	0	-92,6718	-	0,4733	8,11	-4,62
								15,3569			
47	Shell-Thin	SLE-ENVE	Min	0	0	0	-14,6138	-5,4732	0,3943	8,11	-0,14
48	Shell-Thin	SLU-ENVE	Max	0	0	0	11,337	2,2044	28,0166	284,02	-0,12
48	Shell-Thin	SLU-ENVE	Max	0	0	0	6,735	1,9299	27,5825	284,02	65,87
48	Shell-Thin	SLU-ENVE	Max	0	0	0	7,7962	1,619	27,7846	283,8	65,87
48	Shell-Thin	SLU-ENVE	Max	0	0	0	11,743	1,9035	28,2187	283,8	-0,12

AUTOSTRADA VALDASTICO A31 NORD  
1° LOTTO – Piovene Rocchette – Valle dell’Astico

Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
48	Shell-Thin	SLU-ENVE	Min	0	0	0	-26,6634	-	0,7405	8,72	-24,19
								10,0755			
48	Shell-Thin	SLU-ENVE	Min	0	0	0	-168,2767	-	1,2426	8,72	-
								28,0774			0,08125
48	Shell-Thin	SLU-ENVE	Min	0	0	0	-170,5595	-	1,3118	7,41	-
								43,9547			0,08125
48	Shell-Thin	SLU-ENVE	Min	0	0	0	-29,0564	-3,4402	0,8097	7,41	-24,19
48	Shell-Thin	SLE-ENVE	Max	0	0	0	4,7711	0,9907	15,3963	156,59	-0,45
48	Shell-Thin	SLE-ENVE	Max	0	0	0	0,6778	0,6276	15,1425	156,59	36,46
48	Shell-Thin	SLE-ENVE	Max	0	0	0	1,3939	0,2196	15,2307	156,59	36,46
48	Shell-Thin	SLE-ENVE	Max	0	0	0	4,925	0,9019	15,4846	156,59	-0,45
48	Shell-Thin	SLE-ENVE	Min	0	0	0	-14,6207	-5,5075	0,348	7,99	-13,3
48	Shell-Thin	SLE-ENVE	Min	0	0	0	-92,6897	-	0,669	7,99	0,82
								15,4464			
48	Shell-Thin	SLE-ENVE	Min	0	0	0	-94,0034	-	0,6971	6,86	0,82
								24,2279			
48	Shell-Thin	SLE-ENVE	Min	0	0	0	-15,9362	-1,8482	0,376	6,86	-13,3
49	Shell-Thin	SLU-ENVE	Max	0	0	0	6,0536	1,0745	17,9054	337,13	0,19
49	Shell-Thin	SLU-ENVE	Max	0	0	0	2,3547	-0,29	16,2539	337,13	-13,49
49	Shell-Thin	SLU-ENVE	Max	0	0	0	5,3564	2,4809	18,0984	168	-13,49
49	Shell-Thin	SLU-ENVE	Max	0	0	0	6,6641	1,9123	19,7499	168	0,19
49	Shell-Thin	SLU-ENVE	Min	0	0	0	-148,7944	-	1,0902	18,28	-6,27
								32,8063			
49	Shell-Thin	SLU-ENVE	Min	0	0	0	-219,0403	-	-2,2888	18,28	-174,06
								58,4869			
49	Shell-Thin	SLU-ENVE	Min	0	0	0	-207,4296	-	1,2359	5,5	-174,06
								10,5854			
49	Shell-Thin	SLU-ENVE	Min	0	0	0	-171,0104	-	1,1733	5,5	-6,27
								28,4678			
49	Shell-Thin	SLE-ENVE	Max	0	0	0	0,4615	-0,0024	9,742	185,73	0,22
49	Shell-Thin	SLE-ENVE	Max	0	0	0	-2,543	-1,2078	8,8354	185,73	-11,38
49	Shell-Thin	SLE-ENVE	Max	0	0	0	-0,3562	1,2839	9,8622	92,43	-11,38
49	Shell-Thin	SLE-ENVE	Max	0	0	0	0,5911	0,6109	10,7688	92,43	0,22
49	Shell-Thin	SLE-ENVE	Min	0	0	0	-81,8907	-	0,4034	14,75	-3,87
								18,0475			
49	Shell-Thin	SLE-ENVE	Min	0	0	0	-120,588	-	-1,3289	14,75	-95,93
								32,2183			
49	Shell-Thin	SLE-ENVE	Min	0	0	0	-114,2359	-5,7947	0,6096	4,47	-95,93
49	Shell-Thin	SLE-ENVE	Min	0	0	0	-94,1983	-	0,4979	4,47	-3,87
								15,6622			
50	Shell-Thin	SLU-ENVE	Max	0	0	0	6,6648	1,9159	27,4016	176,44	97,82
50	Shell-Thin	SLU-ENVE	Max	0	0	0	5,3514	2,4557	22,5891	176,44	342,8
50	Shell-Thin	SLU-ENVE	Max	0	0	0	5,6417	0,9565	23,7685	528,78	342,8
50	Shell-Thin	SLU-ENVE	Max	0	0	0	7,7673	1,6133	28,5811	528,78	97,82
50	Shell-Thin	SLU-ENVE	Min	0	0	0	-171,0429	-	1,7218	5,37	-0,25
								28,6307			
50	Shell-Thin	SLU-ENVE	Min	0	0	0	-207,3059	-9,9669	1,8381	5,37	4,54
50	Shell-Thin	SLU-ENVE	Min	0	0	0	-274,7595	-	1,9553	10,03	4,54
								86,0279			
50	Shell-Thin	SLU-ENVE	Min	0	0	0	-168,0275	-	1,839	10,03	-0,25
								43,4483			
50	Shell-Thin	SLE-ENVE	Max	0	0	0	0,591	0,6102	15,0372	97,08	54,16

AUTOSTRADA VALDASTICO A31 NORD  
1° LOTTO – Piovene Rocchette – Valle dell’Astico

Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
50	Shell-Thin	SLE-ENVE	Max	0	0	0	-0,3571	1,2792	12,3564	97,08	189,32
50	Shell-Thin	SLE-ENVE	Max	0	0	0	-1,0645	-0,8025	12,9859	291,59	189,32
50	Shell-Thin	SLE-ENVE	Max	0	0	0	1,4255	0,226	15,6668	291,59	54,16
50	Shell-Thin	SLE-ENVE	Min	0	0	0	-94,2162	-	1,0071	4,4	1,02
								15,7517			
50	Shell-Thin	SLE-ENVE	Min	0	0	0	-114,1679	-5,4544	1,0096	4,4	7,81
50	Shell-Thin	SLE-ENVE	Min	0	0	0	-151,4613	-	1,085	12,11	7,81
								47,4407			
50	Shell-Thin	SLE-ENVE	Min	0	0	0	-92,6095	-	1,0825	12,11	1,02
								23,9491			
51	Shell-Thin	SLU-ENVE	Max	0	0	0	2,3694	-0,287	18,0144	-12,71	-13,21
51	Shell-Thin	SLU-ENVE	Max	0	0	0	6,2533	1,2217	15,8292	-12,71	27,68
51	Shell-Thin	SLU-ENVE	Max	0	0	0	6,5218	1,6362	14,0389	-3,73	27,68
51	Shell-Thin	SLU-ENVE	Max	0	0	0	5,3312	2,4758	16,2241	-3,73	-13,21
51	Shell-Thin	SLU-ENVE	Min	0	0	0	-218,8166	-	-0,0523	-278,39	-174,56
								58,4421			
51	Shell-Thin	SLU-ENVE	Min	0	0	0	-131,8204	-	-4,9625	-278,39	-3,82
								27,3318			
51	Shell-Thin	SLU-ENVE	Min	0	0	0	-153,2382	-30,161	-7,8623	-171,14	-3,82
51	Shell-Thin	SLU-ENVE	Min	0	0	0	-208,0593	-	-2,9521	-171,14	-174,56
								10,7114			
51	Shell-Thin	SLE-ENVE	Max	0	0	0	-2,5299	-1,2052	9,8853	-14,04	-11,22
51	Shell-Thin	SLE-ENVE	Max	0	0	0	1,8018	0,2813	8,6896	-14,04	15,42
51	Shell-Thin	SLE-ENVE	Max	0	0	0	1,7404	0,5101	7,6563	-6,68	15,42
51	Shell-Thin	SLE-ENVE	Max	0	0	0	-0,3821	1,2787	8,852	-6,68	-11,22
51	Shell-Thin	SLE-ENVE	Min	0	0	0	-120,4647	-	-0,1147	-154,1	-96,21
								32,1937			
51	Shell-Thin	SLE-ENVE	Min	0	0	0	-72,3041	-15,018	-2,8475	-154,1	-2,2
51	Shell-Thin	SLE-ENVE	Min	0	0	0	-84,1662	-	-4,457	-94,95	-2,2
								16,5951			
51	Shell-Thin	SLE-ENVE	Min	0	0	0	-114,5833	-5,8642	-1,7242	-94,95	-96,21
52	Shell-Thin	SLU-ENVE	Max	0	0	0	5,3262	2,4506	13,4921	-3,42	340,75
52	Shell-Thin	SLU-ENVE	Max	0	0	0	6,5233	1,6436	7,904	-3,42	56,42
52	Shell-Thin	SLU-ENVE	Max	0	0	0	7,4603	1,5432	7,5679	-5,46	56,42
52	Shell-Thin	SLU-ENVE	Max	0	0	0	5,6514	0,9584	13,1559	-5,46	340,75
52	Shell-Thin	SLU-ENVE	Min	0	0	0	-207,9356	-	-7,6109	-178,15	4,65
								10,0929			
52	Shell-Thin	SLU-ENVE	Min	0	0	0	-153,2792	-	-18,7697	-178,15	-0,92
								30,3656			
52	Shell-Thin	SLU-ENVE	Min	0	0	0	-147,4564	-	-19,7782	-419,55	-0,92
								35,1726			
52	Shell-Thin	SLU-ENVE	Min	0	0	0	-274,5327	-	-8,6195	-419,55	4,65
								85,9826			
52	Shell-Thin	SLE-ENVE	Max	0	0	0	-0,383	1,274	7,278	-6,6	188,19
52	Shell-Thin	SLE-ENVE	Max	0	0	0	1,7405	0,5104	4,1428	-6,6	31,35
52	Shell-Thin	SLE-ENVE	Max	0	0	0	2,5273	0,4169	3,9179	-11,45	31,35
52	Shell-Thin	SLE-ENVE	Max	0	0	0	-1,051	-0,7998	7,0531	-11,45	188,19
52	Shell-Thin	SLE-ENVE	Min	0	0	0	-114,5153	-5,5239	-4,3033	-98,81	7,83
52	Shell-Thin	SLE-ENVE	Min	0	0	0	-84,1887	-	-10,4896	-98,81	-
								16,7077			0,08608
52	Shell-Thin	SLE-ENVE	Min	0	0	0	-81,026	-	-11,0601	-232,09	-
								19,3902			0,08608

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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
52	Shell-Thin	SLE-ENVE	Min	0	0	0	-151,3382	-	-4,8737	-232,09	7,83
								47,4161			
53	Shell-Thin	SLU-ENVE	Max	0	0	0	6,1879	1,2087	9,9446	-4,14	20,07
53	Shell-Thin	SLU-ENVE	Max	0	0	0	8,693	1,7163	6,4008	-4,14	15,18
53	Shell-Thin	SLU-ENVE	Max	0	0	0	8,9826	1,5992	6,2361	-3,89	15,18
53	Shell-Thin	SLU-ENVE	Max	0	0	0	6,6131	1,6545	9,7799	-3,89	20,07
53	Shell-Thin	SLU-ENVE	Min	0	0	0	-132,8859	-	-16,0558	-233,88	-2,33
								27,5449			
53	Shell-Thin	SLU-ENVE	Min	0	0	0	-37,4433	-9,0175	-22,0648	-233,88	-
											0,08118
53	Shell-Thin	SLU-ENVE	Min	0	0	0	-37,4531	-8,7162	-22,7736	-273,24	-
											0,08118
53	Shell-Thin	SLU-ENVE	Min	0	0	0	-150,2176	-	-16,7646	-273,24	-2,33
								29,5569			
53	Shell-Thin	SLE-ENVE	Max	0	0	0	1,7442	0,2697	5,3825	-7,64	11,16
53	Shell-Thin	SLE-ENVE	Max	0	0	0	5,6622	1,0049	3,4054	-7,64	8,5
53	Shell-Thin	SLE-ENVE	Max	0	0	0	5,8868	0,9099	3,2902	-7,88	8,5
53	Shell-Thin	SLE-ENVE	Max	0	0	0	1,845	0,531	5,2673	-7,88	11,16
53	Shell-Thin	SLE-ENVE	Min	0	0	0	-72,8917	-	-8,9923	-129,8	-1,29
								15,1355			
53	Shell-Thin	SLE-ENVE	Min	0	0	0	-18,9817	-4,7821	-12,3219	-129,8	0,14
53	Shell-Thin	SLE-ENVE	Min	0	0	0	-18,9551	-4,6581	-12,7238	-151,61	0,14
53	Shell-Thin	SLE-ENVE	Min	0	0	0	-82,4991	-	-9,3942	-151,61	-1,29
								16,2617			
54	Shell-Thin	SLU-ENVE	Max	0	0	0	6,6146	1,6619	8,1765	-3,68	26,37
54	Shell-Thin	SLU-ENVE	Max	0	0	0	8,9826	1,5982	7,5148	-3,68	0,13
54	Shell-Thin	SLU-ENVE	Max	0	0	0	9,0091	1,388	7,7796	-2,22	0,13
54	Shell-Thin	SLU-ENVE	Max	0	0	0	7,4841	1,5479	8,4413	-2,22	26,37
54	Shell-Thin	SLU-ENVE	Min	0	0	0	-150,2586	-	-19,8617	-276,37	-0,44
								29,7615			
54	Shell-Thin	SLU-ENVE	Min	0	0	0	-37,4546	-8,7236	-21,1899	-276,37	-15,85
54	Shell-Thin	SLU-ENVE	Min	0	0	0	-40,8414	-5,4376	-21,1369	-267,91	-15,85
54	Shell-Thin	SLU-ENVE	Min	0	0	0	-150,0433	-35,69	-19,8088	-267,91	-0,44
54	Shell-Thin	SLE-ENVE	Max	0	0	0	1,845	0,5314	4,3274	-7,77	14,69
54	Shell-Thin	SLE-ENVE	Max	0	0	0	5,8867	0,9097	3,991	-7,77	-
											0,04769
54	Shell-Thin	SLE-ENVE	Max	0	0	0	5,9036	0,7767	4,1085	-6,51	-
											0,04769
54	Shell-Thin	SLE-ENVE	Max	0	0	0	2,4913	0,4097	4,4449	-6,51	14,69
54	Shell-Thin	SLE-ENVE	Min	0	0	0	-82,5216	-	-11,1174	-153,33	-0,11
								16,3743			
54	Shell-Thin	SLE-ENVE	Min	0	0	0	-18,9558	-4,6619	-11,8604	-153,33	-8,6
54	Shell-Thin	SLE-ENVE	Min	0	0	0	-20,8452	-2,8909	-11,8443	-148,77	-8,6
54	Shell-Thin	SLE-ENVE	Min	0	0	0	-82,448	-	-11,1014	-148,77	-0,11
								19,6746			
55	Shell-Thin	SLU-ENVE	Max	0	0	0	8,743	1,7244	4,979	2,41	2,3
55	Shell-Thin	SLU-ENVE	Max	0	0	0	76,4292	11,5233	4,9517	2,41	0,84
55	Shell-Thin	SLU-ENVE	Max	0	0	0	81,5108	12,3364	4,9542	3,52	0,84
55	Shell-Thin	SLU-ENVE	Max	0	0	0	8,9153	1,5943	5,2378	3,52	2,3
55	Shell-Thin	SLU-ENVE	Min	0	0	0	-37,1305	-8,955	-22,4568	-180,18	0,53
55	Shell-Thin	SLU-ENVE	Min	0	0	0	-21,7698	-4,8415	-20,5241	-180,18	-7,12
55	Shell-Thin	SLU-ENVE	Min	0	0	0	-23,038	-4,3904	-20,5702	-191,45	-7,12

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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
55	Shell-Thin	SLU-ENVE	Min	0	0	0	-38,5843	-8,9425	-22,5029	-191,45	0,53
55	Shell-Thin	SLE-ENVE	Max	0	0	0	5,6986	1,0122	2,6288	-2,91	1,43
55	Shell-Thin	SLE-ENVE	Max	0	0	0	43,4734	6,52	2,5888	-2,91	0,59
55	Shell-Thin	SLE-ENVE	Max	0	0	0	46,3052	6,9521	2,5725	-2,3	0,59
55	Shell-Thin	SLE-ENVE	Max	0	0	0	5,8368	0,9	2,7586	-2,3	1,43
55	Shell-Thin	SLE-ENVE	Min	0	0	0	-18,801	-4,746	-12,5367	-100,34	0,43
55	Shell-Thin	SLE-ENVE	Min	0	0	0	-9,029	-2,2803	-11,4551	-100,34	-3,89
55	Shell-Thin	SLE-ENVE	Min	0	0	0	-9,7203	-2,077	-11,487	-106,61	-3,89
55	Shell-Thin	SLE-ENVE	Min	0	0	0	-19,5991	-4,7869	-12,5686	-106,61	0,43
56	Shell-Thin	SLU-ENVE	Max	0	0	0	8,9153	1,5933	5,6225	3,57	0,55
56	Shell-Thin	SLU-ENVE	Max	0	0	0	81,511	12,3376	5,0245	3,57	1,46
56	Shell-Thin	SLU-ENVE	Max	0	0	0	85,9346	15,5191	5,0147	3,93	1,46
56	Shell-Thin	SLU-ENVE	Max	0	0	0	9,0871	1,392	5,6423	3,93	0,55
56	Shell-Thin	SLU-ENVE	Min	0	0	0	-38,5858	-8,9499	-22,3238	-191,33	-18,57
56	Shell-Thin	SLU-ENVE	Min	0	0	0	-23,0364	-4,3822	-20,7055	-191,33	-15,96
56	Shell-Thin	SLU-ENVE	Min	0	0	0	-24,3697	-3,4108	-20,7835	-198,45	-15,96
56	Shell-Thin	SLU-ENVE	Min	0	0	0	-39,7854	-5,2264	-22,4018	-198,45	-18,57
56	Shell-Thin	SLE-ENVE	Max	0	0	0	5,8368	0,8997	2,9545	-2,25	0,28
56	Shell-Thin	SLE-ENVE	Max	0	0	0	46,3053	6,9529	2,5908	-2,25	1,02
56	Shell-Thin	SLE-ENVE	Max	0	0	0	48,7674	8,6916	2,5611	-1,98	1,02
56	Shell-Thin	SLE-ENVE	Max	0	0	0	5,9616	0,7883	2,9486	-1,98	0,28
56	Shell-Thin	SLE-ENVE	Min	0	0	0	-19,5998	-4,7907	-12,478	-106,54	-10,2
56	Shell-Thin	SLE-ENVE	Min	0	0	0	-9,7192	-2,0719	-11,5658	-106,54	-8,78
56	Shell-Thin	SLE-ENVE	Min	0	0	0	-10,458	-1,6129	-11,6147	-110,48	-8,78
56	Shell-Thin	SLE-ENVE	Min	0	0	0	-20,236	-2,7691	-12,5269	-110,48	-10,2
57	Shell-Thin	SLU-ENVE	Max	0	0	0	76,3845	11,5143	4,5918	11,59	1,96
57	Shell-Thin	SLU-ENVE	Max	0	0	0	121,5187	21,3627	3,6731	11,59	1,53
57	Shell-Thin	SLU-ENVE	Max	0	0	0	130,0959	21,5293	3,6964	12,59	1,53
57	Shell-Thin	SLU-ENVE	Max	0	0	0	81,3496	12,3041	4,6151	12,59	1,96
57	Shell-Thin	SLU-ENVE	Min	0	0	0	-21,83	-4,8536	-15,2484	-56,5	-14,28
57	Shell-Thin	SLU-ENVE	Min	0	0	0	-11,0986	-2,2812	-6,3477	-56,5	-11,79
57	Shell-Thin	SLU-ENVE	Min	0	0	0	-12,202	-2,1661	-6,3284	-61,01	-11,79
57	Shell-Thin	SLU-ENVE	Min	0	0	0	-22,9981	-4,3824	-15,229	-61,01	-14,28
57	Shell-Thin	SLE-ENVE	Max	0	0	0	43,4497	6,5153	2,4129	3,78	1,17
57	Shell-Thin	SLE-ENVE	Max	0	0	0	69,1028	12,0787	1,9614	3,78	0,95
57	Shell-Thin	SLE-ENVE	Max	0	0	0	73,888	12,1566	1,9592	4,28	0,95
57	Shell-Thin	SLE-ENVE	Max	0	0	0	46,2142	6,9339	2,4107	4,28	1,17
57	Shell-Thin	SLE-ENVE	Min	0	0	0	-9,0605	-2,2866	-8,5129	-32,1	-7,88
57	Shell-Thin	SLE-ENVE	Min	0	0	0	-1,9235	-0,6833	-3,5459	-32,1	-6,52
57	Shell-Thin	SLE-ENVE	Min	0	0	0	-2,4897	-0,6604	-3,538	-34,62	-6,52
57	Shell-Thin	SLE-ENVE	Min	0	0	0	-9,699	-2,0728	-8,505	-34,62	-7,88
58	Shell-Thin	SLU-ENVE	Max	0	0	0	81,3498	12,3053	4,7422	12,27	3,19
58	Shell-Thin	SLU-ENVE	Max	0	0	0	130,0867	21,483	3,6749	12,27	1,28
58	Shell-Thin	SLU-ENVE	Max	0	0	0	138,7002	22,366	3,779	13,59	1,28
58	Shell-Thin	SLU-ENVE	Max	0	0	0	87,2945	15,7911	4,8463	13,59	3,19
58	Shell-Thin	SLU-ENVE	Min	0	0	0	-22,9964	-4,3742	-15,4308	-59,81	-25,35
58	Shell-Thin	SLU-ENVE	Min	0	0	0	-12,2014	-2,1633	-6,3078	-59,81	-14,94
58	Shell-Thin	SLU-ENVE	Min	0	0	0	-13,1483	-1,9623	-6,5862	-63,14	-14,94
58	Shell-Thin	SLU-ENVE	Min	0	0	0	-24,3185	-3,4005	-15,7092	-63,14	-25,35
58	Shell-Thin	SLE-ENVE	Max	0	0	0	46,2144	6,9347	2,4566	4,1	1,94

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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
58	Shell-Thin	SLE-ENVE	Max	0	0	0	73,8828	12,1305	1,939	4,1	0,74
58	Shell-Thin	SLE-ENVE	Max	0	0	0	78,6888	12,6135	1,981	4,75	0,74
58	Shell-Thin	SLE-ENVE	Max	0	0	0	49,5269	8,8435	2,4986	4,75	1,94
58	Shell-Thin	SLE-ENVE	Min	0	0	0	-9,698	-2,0677	-8,6212	-33,96	-14
58	Shell-Thin	SLE-ENVE	Min	0	0	0	-2,4896	-0,6599	-3,5277	-33,96	-8,3
58	Shell-Thin	SLE-ENVE	Min	0	0	0	-2,9608	-0,5741	-3,684	-35,83	-8,3
58	Shell-Thin	SLE-ENVE	Min	0	0	0	-10,4163	-1,6045	-8,7775	-35,83	-14
59	Shell-Thin	SLU-ENVE	Max	0	0	0	114,1535	19,5433	9,1598	69,04	2,57
59	Shell-Thin	SLU-ENVE	Max	0	0	0	72,8569	10,155	15,9828	69,04	0,46
59	Shell-Thin	SLU-ENVE	Max	0	0	0	78,1654	11,1975	15,929	74,46	0,46
59	Shell-Thin	SLU-ENVE	Max	0	0	0	122,7103	19,5973	9,106	74,46	2,57
59	Shell-Thin	SLU-ENVE	Min	0	0	0	-15,8035	-3,5219	-1,355	14,94	-11,59
59	Shell-Thin	SLU-ENVE	Min	0	0	0	-39,2712	-8,7765	-2,6547	14,94	-15,54
59	Shell-Thin	SLU-ENVE	Min	0	0	0	-41,148	-8,0986	-2,7022	14,91	-15,54
59	Shell-Thin	SLU-ENVE	Min	0	0	0	-17,101	-3,4717	-1,4025	14,91	-11,59
59	Shell-Thin	SLE-ENVE	Max	0	0	0	65,0172	11,0701	5,1127	39,11	1,56
59	Shell-Thin	SLE-ENVE	Max	0	0	0	41,6159	5,7825	8,9224	39,11	0,35
59	Shell-Thin	SLE-ENVE	Max	0	0	0	44,5732	6,3426	8,8959	42,14	0,35
59	Shell-Thin	SLE-ENVE	Max	0	0	0	69,794	11,0846	5,0863	42,14	1,56
59	Shell-Thin	SLE-ENVE	Min	0	0	0	-2,9447	-1,1475	-0,6941	9,91	-6,41
59	Shell-Thin	SLE-ENVE	Min	0	0	0	-16,616	-4,1377	-1,3742	9,91	-8,59
59	Shell-Thin	SLE-ENVE	Min	0	0	0	-17,6364	-3,8396	-1,3905	9,96	-8,59
59	Shell-Thin	SLE-ENVE	Min	0	0	0	-3,5927	-1,179	-0,7105	9,96	-6,41
60	Shell-Thin	SLU-ENVE	Max	0	0	0	122,7053	19,5726	9,0603	72,38	2,19
60	Shell-Thin	SLU-ENVE	Max	0	0	0	78,1607	11,1738	16,2297	72,38	-1,18
60	Shell-Thin	SLU-ENVE	Max	0	0	0	84,219	15,3335	16,6946	77,62	-1,18
60	Shell-Thin	SLU-ENVE	Max	0	0	0	131,9083	20,0255	9,5252	77,62	2,19
60	Shell-Thin	SLU-ENVE	Min	0	0	0	-17,099	-3,4615	-1,3659	14,57	-13,76
60	Shell-Thin	SLU-ENVE	Min	0	0	0	-41,1488	-8,103	-2,7706	14,57	-28,59
60	Shell-Thin	SLU-ENVE	Min	0	0	0	-42,7646	-6,3485	-2,7336	15,15	-28,59
60	Shell-Thin	SLU-ENVE	Min	0	0	0	-18,1206	-3,3841	-1,3289	15,15	-13,76
60	Shell-Thin	SLE-ENVE	Max	0	0	0	69,7912	11,0705	5,0628	40,99	1,26
60	Shell-Thin	SLE-ENVE	Max	0	0	0	44,5706	6,3295	9,0674	40,99	-0,49
60	Shell-Thin	SLE-ENVE	Max	0	0	0	47,9454	8,6148	9,328	43,93	-0,49
60	Shell-Thin	SLE-ENVE	Max	0	0	0	74,9314	11,3131	5,3234	43,93	1,26
60	Shell-Thin	SLE-ENVE	Min	0	0	0	-3,5918	-1,1746	-0,6842	9,77	-7,64
60	Shell-Thin	SLE-ENVE	Min	0	0	0	-17,6367	-3,8416	-1,4135	9,77	-15,82
60	Shell-Thin	SLE-ENVE	Min	0	0	0	-18,5182	-2,9914	-1,3838	10,19	-15,82
60	Shell-Thin	SLE-ENVE	Min	0	0	0	-4,1829	-1,1721	-0,6545	10,19	-7,64
61	Shell-Thin	SLU-ENVE	Max	0	0	0	72,9014	10,1639	20,4802	175,34	1,73
61	Shell-Thin	SLU-ENVE	Max	0	0	0	-14,9951	-6,3974	22,4356	175,34	3,9
61	Shell-Thin	SLU-ENVE	Max	0	0	0	-15,6254	-7,4914	22,5489	187,23	3,9
61	Shell-Thin	SLU-ENVE	Max	0	0	0	78,2146	11,2074	20,5935	187,23	1,73
61	Shell-Thin	SLU-ENVE	Min	0	0	0	-39,2444	-8,7711	-3,7915	31,05	-8,08
61	Shell-Thin	SLU-ENVE	Min	0	0	0	-66,4113	-	-4,9862	31,05	0,47
61	Shell-Thin	SLU-ENVE	Min	0	0	0	-69,5962	-	-5,2511	31,08	0,47
61	Shell-Thin	SLU-ENVE	Min	0	0	0	-41,1801	-8,1051	-4,0564	31,08	-8,08
61	Shell-Thin	SLE-ENVE	Max	0	0	0	41,6399	5,7873	11,4318	97,77	1,21

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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
61	Shell-Thin	SLE-ENVE	Max	0	0	0	-7,3813	-3,4212	12,5266	97,77	2,45
61	Shell-Thin	SLE-ENVE	Max	0	0	0	-7,7285	-4,0479	12,596	104,38	2,45
61	Shell-Thin	SLE-ENVE	Max	0	0	0	44,6016	6,3483	11,5011	104,38	1,21
61	Shell-Thin	SLE-ENVE	Min	0	0	0	-16,6024	-4,135	-1,9832	19,72	-4,43
61	Shell-Thin	SLE-ENVE	Min	0	0	0	-32,8852	-7,4353	-2,629	19,72	0,32
61	Shell-Thin	SLE-ENVE	Min	0	0	0	-34,6376	-7,4517	-2,7617	19,75	0,32
61	Shell-Thin	SLE-ENVE	Min	0	0	0	-17,6532	-3,843	-2,1159	19,75	-4,43
62	Shell-Thin	SLU-ENVE	Max	0	0	0	78,2099	11,1837	20,7966	187,19	-0,56
62	Shell-Thin	SLU-ENVE	Max	0	0	0	-15,6243	-7,4857	22,4463	187,19	-5,04
62	Shell-Thin	SLU-ENVE	Max	0	0	0	-15,1212	-3,4905	22,5652	196,28	-5,04
62	Shell-Thin	SLU-ENVE	Max	0	0	0	83,2563	15,141	20,9156	196,28	-0,56
62	Shell-Thin	SLU-ENVE	Min	0	0	0	-41,181	-8,1094	-4,1731	29,78	-19,13
62	Shell-Thin	SLU-ENVE	Min	0	0	0	-69,5985	-	-5,638	29,78	-19,28
								14,3408			
62	Shell-Thin	SLU-ENVE	Min	0	0	0	-72,7639	-	-5,6544	28,65	-19,28
								11,2111			
62	Shell-Thin	SLU-ENVE	Min	0	0	0	-43,2228	-6,4401	-4,1895	28,65	-19,13
62	Shell-Thin	SLE-ENVE	Max	0	0	0	44,599	6,3352	11,6174	104,37	-0,1
62	Shell-Thin	SLE-ENVE	Max	0	0	0	-7,7279	-4,0446	12,5481	104,37	-2,58
62	Shell-Thin	SLE-ENVE	Max	0	0	0	-7,4343	-1,8639	12,6192	109,4	-2,58
62	Shell-Thin	SLE-ENVE	Max	0	0	0	47,4097	8,5076	11,6885	109,4	-0,1
62	Shell-Thin	SLE-ENVE	Min	0	0	0	-17,6536	-3,845	-2,1695	19,03	-10,55
62	Shell-Thin	SLE-ENVE	Min	0	0	0	-34,6388	-7,4575	-2,9591	19,03	-10,58
62	Shell-Thin	SLE-ENVE	Min	0	0	0	-36,344	-5,8468	-2,9528	18,35	-10,58
62	Shell-Thin	SLE-ENVE	Min	0	0	0	-18,7667	-3,0411	-2,1631	18,35	-10,55
63	Shell-Thin	SLU-ENVE	Max	0	0	0	-15,7751	-6,5534	21,9654	229,73	14,25
63	Shell-Thin	SLU-ENVE	Max	0	0	0	-72,4858	-14,859	15,888	229,73	20,08
63	Shell-Thin	SLU-ENVE	Max	0	0	0	-78,8878	-	16,6324	268,8	20,08
								15,6867			
63	Shell-Thin	SLU-ENVE	Max	0	0	0	-13,552	-7,0767	22,7097	268,8	14,25
63	Shell-Thin	SLU-ENVE	Min	0	0	0	-66,7613	-	-6,9479	55	5,25
								14,5237			
63	Shell-Thin	SLU-ENVE	Min	0	0	0	-132,1313	-	-11,6478	55	7,31
								27,4762			
63	Shell-Thin	SLU-ENVE	Min	0	0	0	-149,4408	-29,457	-11,4803	65,42	7,31
63	Shell-Thin	SLU-ENVE	Min	0	0	0	-68,5721	-	-6,7804	65,42	5,25
								14,1241			
63	Shell-Thin	SLE-ENVE	Max	0	0	0	-7,8126	-3,5075	12,2687	127,61	7,98
63	Shell-Thin	SLE-ENVE	Max	0	0	0	-39,5937	-8,1832	8,9009	127,61	11,17
63	Shell-Thin	SLE-ENVE	Max	0	0	0	-43,2248	-8,6292	9,3228	149,27	11,17
63	Shell-Thin	SLE-ENVE	Max	0	0	0	-6,5828	-3,8188	12,6907	149,27	7,98
63	Shell-Thin	SLE-ENVE	Min	0	0	0	-33,0844	-7,4752	-3,6507	34,18	3,16
63	Shell-Thin	SLE-ENVE	Min	0	0	0	-72,4629	-15,096	-6,2553	34,18	4,12
63	Shell-Thin	SLE-ENVE	Min	0	0	0	-82,0596	-16,205	-6,1274	40,2	4,12
63	Shell-Thin	SLE-ENVE	Min	0	0	0	-34,0612	-7,3364	-3,5228	40,2	3,16
64	Shell-Thin	SLU-ENVE	Max	0	0	0	-13,5508	-7,071	21,1633	272,1	-4,12
64	Shell-Thin	SLU-ENVE	Max	0	0	0	-78,9071	-15,783	19,7116	272,1	26,37
64	Shell-Thin	SLU-ENVE	Max	0	0	0	-79,0683	-16,991	19,6505	263,58	26,37
64	Shell-Thin	SLU-ENVE	Max	0	0	0	-17,7034	-4,0069	21,1022	263,58	-4,12
64	Shell-Thin	SLU-ENVE	Min	0	0	0	-68,5744	-	-7,854	67,09	-15,87
								14,1359			



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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
64	Shell-Thin	SLU-ENVE	Min	0	0	0	-149,4812	-	-10,2314	67,09	1,54
								29,6589			
64	Shell-Thin	SLU-ENVE	Min	0	0	0	-149,3731	-35,525	-10,6374	60,3	1,54
64	Shell-Thin	SLU-ENVE	Min	0	0	0	-73,8177	-	-8,2599	60,3	-15,87
								11,4219			
64	Shell-Thin	SLE-ENVE	Max	0	0	0	-6,5822	-3,8155	11,8477	151,08	-2,05
64	Shell-Thin	SLE-ENVE	Max	0	0	0	-43,2356	-8,6833	11,037	151,08	14,69
64	Shell-Thin	SLE-ENVE	Max	0	0	0	-43,2497	-9,4252	11,0167	146,48	14,69
64	Shell-Thin	SLE-ENVE	Max	0	0	0	-8,8644	-2,1499	11,8275	146,48	-2,05
64	Shell-Thin	SLE-ENVE	Min	0	0	0	-34,0624	-7,3423	-4,0906	41,1	-8,61
64	Shell-Thin	SLE-ENVE	Min	0	0	0	-82,0818	-	-5,3737	41,1	0,91
								16,3161			
64	Shell-Thin	SLE-ENVE	Min	0	0	0	-82,0657	-	-5,5481	37,16	0,91
								19,5836			
64	Shell-Thin	SLE-ENVE	Min	0	0	0	-36,9441	-5,9669	-4,265	37,16	-8,61
65	Shell-Thin	SLU-ENVE	Max	0	0	0	-72,1351	-	4,81	273,71	27,64
								14,7889			
65	Shell-Thin	SLU-ENVE	Max	0	0	0	-94,989	-	-0,1342	273,71	-55,43
								23,7467			
65	Shell-Thin	SLU-ENVE	Max	0	0	0	-92,366	-2,6294	2,7636	167,64	-55,43
65	Shell-Thin	SLU-ENVE	Max	0	0	0	-79,9607	-	7,7078	167,64	27,64
								15,9013			
65	Shell-Thin	SLU-ENVE	Min	0	0	0	-131,0728	-	-18,0437	72,16	9,33
								27,2645			
65	Shell-Thin	SLU-ENVE	Min	0	0	0	-216,6625	-	-20,7676	72,16	-172,44
								57,8644			
65	Shell-Thin	SLU-ENVE	Min	0	0	0	-206,1963	-	-19,3179	34,51	-172,44
								10,6349			
65	Shell-Thin	SLU-ENVE	Min	0	0	0	-152,4278	-	-16,594	34,51	9,33
								30,0544			
65	Shell-Thin	SLE-ENVE	Max	0	0	0	-39,3863	-8,1417	2,7635	151,62	15,39
65	Shell-Thin	SLE-ENVE	Max	0	0	0	-53,6469	-	0,0123	151,62	-33,11
								13,5302			
65	Shell-Thin	SLE-ENVE	Max	0	0	0	-51,8498	-1,4917	1,6214	93,1	-33,11
65	Shell-Thin	SLE-ENVE	Max	0	0	0	-43,8483	-8,7539	4,3727	93,1	15,39
65	Shell-Thin	SLE-ENVE	Min	0	0	0	-71,879	-	-9,8221	45,12	5,26
								14,9793			
65	Shell-Thin	SLE-ENVE	Min	0	0	0	-119,2951	-	-11,3119	45,12	-95,07
								31,8812			
65	Shell-Thin	SLE-ENVE	Min	0	0	0	-113,5696	-5,8198	-10,4663	22,95	-95,07
65	Shell-Thin	SLE-ENVE	Min	0	0	0	-83,7085	-	-8,9765	22,95	5,26
								16,5348			
66	Shell-Thin	SLU-ENVE	Max	0	0	0	-79,9799	-	18,5338	174,67	56,19
								15,9976			
66	Shell-Thin	SLU-ENVE	Max	0	0	0	-92,3116	-2,2076	7,3887	174,67	338,19
66	Shell-Thin	SLU-ENVE	Max	0	0	0	-116,0311	-	8,393	414,21	338,19
								34,9842			
66	Shell-Thin	SLU-ENVE	Max	0	0	0	-77,8308	-16,743	19,5381	414,21	56,19
66	Shell-Thin	SLU-ENVE	Min	0	0	0	-152,4682	-	-11,2467	39,83	16,33
								30,2563			
66	Shell-Thin	SLU-ENVE	Min	0	0	0	-206,0735	-	-17,0146	39,83	121,55
								10,0209			

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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
66	Shell-Thin	SLU-ENVE	Min	0	0	0	-272,2966	-	-16,9728	127,38	121,55
								85,2818			
66	Shell-Thin	SLU-ENVE	Min	0	0	0	-146,8296	-	-11,2049	127,38	16,33
								35,0163			
66	Shell-Thin	SLE-ENVE	Max	0	0	0	-43,8591	-8,808	10,3624	96,96	31,23
66	Shell-Thin	SLE-ENVE	Max	0	0	0	-51,8195	-1,2567	4,1829	96,96	186,82
66	Shell-Thin	SLE-ENVE	Max	0	0	0	-65,376	-	4,7518	229,25	186,82
								19,8147			
66	Shell-Thin	SLE-ENVE	Max	0	0	0	-42,5535	-9,286	10,9313	229,25	31,23
66	Shell-Thin	SLE-ENVE	Min	0	0	0	-83,7307	-	-5,9248	25,81	9,44
								16,6459			
66	Shell-Thin	SLE-ENVE	Min	0	0	0	-113,502	-5,4819	-9,1333	25,81	70,03
66	Shell-Thin	SLE-ENVE	Min	0	0	0	-150,1256	-	-9,0465	75,9	70,03
								47,0371			
66	Shell-Thin	SLE-ENVE	Min	0	0	0	-80,6679	-	-5,838	75,9	9,44
								19,3041			
67	Shell-Thin	SLU-ENVE	Max	0	0	0	-95,0688	-	2,0204	-128,73	-55,53
								23,7627			
67	Shell-Thin	SLU-ENVE	Max	0	0	0	-68,3419	-	-1,5006	-128,73	3,86
								14,4266			
67	Shell-Thin	SLU-ENVE	Max	0	0	0	-76,2335	-	-4,9869	-74,71	3,86
								13,6736			
67	Shell-Thin	SLU-ENVE	Max	0	0	0	-92,1557	-2,5397	-1,466	-74,71	-55,53
67	Shell-Thin	SLU-ENVE	Min	0	0	0	-216,8822	-	-19,664	-335,5	-171,99
								57,9083			
67	Shell-Thin	SLU-ENVE	Min	0	0	0	-146,9939	-	-21,379	-335,5	-6,28
								32,3885			
67	Shell-Thin	SLU-ENVE	Min	0	0	0	-169,1002	-	-23,212	-168,42	-6,28
								28,1453			
67	Shell-Thin	SLU-ENVE	Min	0	0	0	-205,5732	-	-21,4969	-168,42	-171,99
								10,5102			
67	Shell-Thin	SLE-ENVE	Max	0	0	0	-53,6943	-	1,1826	-73,11	-33,16
								13,5397			
67	Shell-Thin	SLE-ENVE	Max	0	0	0	-38,5257	-8,1185	-0,7769	-73,11	1,61
67	Shell-Thin	SLE-ENVE	Max	0	0	0	-43,0177	-7,5877	-2,6942	-40,81	1,61
67	Shell-Thin	SLE-ENVE	Max	0	0	0	-51,7267	-1,4417	-0,7348	-40,81	-33,16
67	Shell-Thin	SLE-ENVE	Min	0	0	0	-119,4162	-	-10,6485	-184,84	-94,82
								31,9054			
67	Shell-Thin	SLE-ENVE	Min	0	0	0	-80,914	-	-11,5875	-184,84	-3,5
								17,8203			
67	Shell-Thin	SLE-ENVE	Min	0	0	0	-93,1632	-	-12,5761	-92,64	-3,5
								15,4859			
67	Shell-Thin	SLE-ENVE	Min	0	0	0	-113,2258	-5,751	-11,6371	-92,64	-94,82
68	Shell-Thin	SLU-ENVE	Max	0	0	0	-92,1013	-2,1178	-8,948	-77,62	340,18
68	Shell-Thin	SLU-ENVE	Max	0	0	0	-76,2476	-13,744	-16,641	-77,62	97,43
68	Shell-Thin	SLU-ENVE	Max	0	0	0	-75,0282	-	-17,851	-203,91	97,43
								19,3411			
68	Shell-Thin	SLU-ENVE	Max	0	0	0	-116,1393	-	-10,158	-203,91	340,18
								35,0058			
68	Shell-Thin	SLU-ENVE	Min	0	0	0	-205,4505	-9,8963	-25,5289	-176,75	122,03
68	Shell-Thin	SLU-ENVE	Min	0	0	0	-169,1324	-	-29,38	-176,75	35,95
								28,3061			
68	Shell-Thin	SLU-ENVE	Min	0	0	0	-166,2575	-43,047	-30,2349	-526,46	35,95

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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
68	Shell-Thin	SLU-ENVE	Min	0	0	0	-272,5174	-	-26,3838	-526,46	122,03
								85,3259			
68	Shell-Thin	SLE-ENVE	Max	0	0	0	-51,6964	-1,2068	-4,8561	-42,45	187,92
68	Shell-Thin	SLE-ENVE	Max	0	0	0	-43,0255	-7,6271	-9,1221	-42,45	53,96
68	Shell-Thin	SLE-ENVE	Max	0	0	0	-42,2638	-	-9,7852	-114,97	53,96
								10,8628			
68	Shell-Thin	SLE-ENVE	Max	0	0	0	-65,4383	-	-5,5191	-114,97	187,92
								19,8271			
68	Shell-Thin	SLE-ENVE	Min	0	0	0	-113,1582	-5,4131	-13,8581	-97,23	70,32
68	Shell-Thin	SLE-ENVE	Min	0	0	0	-93,1808	-	-16,005	-97,23	20,61
								15,5744			
68	Shell-Thin	SLE-ENVE	Min	0	0	0	-91,6507	-	-16,4555	-290,32	20,61
								23,7315			
68	Shell-Thin	SLE-ENVE	Min	0	0	0	-150,2454	-	-14,3086	-290,32	70,32
								47,0611			
69	Shell-Thin	SLU-ENVE	Max	0	0	0	-68,6642	-	-12,4413	-109,08	1,01
								14,4911			
69	Shell-Thin	SLU-ENVE	Max	0	0	0	13,6747	1,0722	-19,48	-109,08	21,29
69	Shell-Thin	SLU-ENVE	Max	0	0	0	16,7831	-0,3484	-20,4997	-123,29	21,29
69	Shell-Thin	SLU-ENVE	Max	0	0	0	-75,2579	-	-13,4609	-123,29	1,01
								13,4785			
69	Shell-Thin	SLU-ENVE	Min	0	0	0	-147,9274	-	-26,5245	-236,94	-8,31
								32,5752			
69	Shell-Thin	SLU-ENVE	Min	0	0	0	-27,419	-7,9159	-29,0422	-236,94	9,37
69	Shell-Thin	SLU-ENVE	Min	0	0	0	-25,244	-9,7201	-29,7408	-278,15	9,37
69	Shell-Thin	SLU-ENVE	Min	0	0	0	-166,3607	-	-27,2231	-278,15	-8,31
								27,5974			
69	Shell-Thin	SLE-ENVE	Max	0	0	0	-38,7169	-8,1567	-6,839	-60,66	0,15
69	Shell-Thin	SLE-ENVE	Max	0	0	0	6,4786	0,5833	-10,7448	-60,66	11,83
69	Shell-Thin	SLE-ENVE	Max	0	0	0	8,1922	-0,1854	-11,3021	-68,72	11,83
69	Shell-Thin	SLE-ENVE	Max	0	0	0	-42,452	-7,4746	-7,3963	-68,72	0,15
69	Shell-Thin	SLE-ENVE	Min	0	0	0	-81,4289	-	-14,4667	-130,53	-4,62
								17,9233			
69	Shell-Thin	SLE-ENVE	Min	0	0	0	-15,0487	-4,3083	-15,892	-130,53	5,28
69	Shell-Thin	SLE-ENVE	Min	0	0	0	-13,8536	-5,3134	-16,252	-153,37	5,28
69	Shell-Thin	SLE-ENVE	Min	0	0	0	-91,651	-	-14,8268	-153,37	-4,62
								15,1835			
73	Shell-Thin	SLU-ENVE	Max	0	0	0	-75,272	-	-17,9552	-124,74	65,53
								13,5489			
73	Shell-Thin	SLU-ENVE	Max	0	0	0	16,7786	-0,3709	-19,1423	-124,74	-1,57
73	Shell-Thin	SLU-ENVE	Max	0	0	0	16,9455	2,0055	-18,9514	-123,22	-1,57
73	Shell-Thin	SLU-ENVE	Max	0	0	0	-76,1398	-	-17,7643	-123,22	65,53
								19,5634			
73	Shell-Thin	SLU-ENVE	Min	0	0	0	-166,3929	-	-29,6442	-283,04	25,25
								27,7582			
73	Shell-Thin	SLU-ENVE	Min	0	0	0	-25,2563	-9,7818	-29,3326	-283,04	-23,84
73	Shell-Thin	SLU-ENVE	Min	0	0	0	-27,5838	-3,6378	-29,4463	-283,12	-23,84
73	Shell-Thin	SLU-ENVE	Min	0	0	0	-168,7616	-	-29,7578	-283,12	25,25
								43,5478			
73	Shell-Thin	SLE-ENVE	Max	0	0	0	-42,4599	-7,514	-9,8735	-69,54	36,29
73	Shell-Thin	SLE-ENVE	Max	0	0	0	8,1898	-0,1976	-10,547	-69,54	-0,98
73	Shell-Thin	SLE-ENVE	Max	0	0	0	8,2655	1,1395	-10,4367	-68,54	-0,98

AUTOSTRADA VALDASTICO A31 NORD  
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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
73	Shell-Thin	SLE-ENVE	Max	0	0	0	-42,8953	-	-9,7631	-68,54	36,29
								10,9892			
73	Shell-Thin	SLE-ENVE	Min	0	0	0	-91,6687	-15,272	-16,1569	-156,06	14,53
73	Shell-Thin	SLE-ENVE	Min	0	0	0	-13,8604	-5,3474	-15,9933	-156,06	-13,11
73	Shell-Thin	SLE-ENVE	Min	0	0	0	-15,1404	-1,9847	-16,0283	-156,22	-13,11
73	Shell-Thin	SLE-ENVE	Min	0	0	0	-93,0295	-	-16,1919	-156,22	14,53
								24,0073			
74	Shell-Thin	SLU-ENVE	Max	0	0	0	14,1975	1,1768	-20,5021	-104,78	6,62
74	Shell-Thin	SLU-ENVE	Max	0	0	0	86,0974	14,6818	-18,9603	-104,78	0,91
74	Shell-Thin	SLU-ENVE	Max	0	0	0	91,9364	14,2822	-18,6052	-110,51	0,91
74	Shell-Thin	SLU-ENVE	Max	0	0	0	15,5967	-0,5857	-20,147	-110,51	6,62
74	Shell-Thin	SLU-ENVE	Min	0	0	0	-26,5908	-7,7503	-28,4937	-155,95	0,66
74	Shell-Thin	SLU-ENVE	Min	0	0	0	39,0889	7,1951	-26,6371	-155,95	-4,79
74	Shell-Thin	SLU-ENVE	Min	0	0	0	41,3639	6,7678	-26,7133	-167,12	-4,79
74	Shell-Thin	SLU-ENVE	Min	0	0	0	-27,5184	-10,175	-28,57	-167,12	0,66
74	Shell-Thin	SLE-ENVE	Max	0	0	0	6,7735	0,6423	-11,3162	-57,18	3,68
74	Shell-Thin	SLE-ENVE	Max	0	0	0	44,9713	7,92	-10,4617	-57,18	0,42
74	Shell-Thin	SLE-ENVE	Max	0	0	0	48,1956	7,7539	-10,2556	-60,38	0,42
74	Shell-Thin	SLE-ENVE	Max	0	0	0	7,5288	-0,318	-11,11	-60,38	3,68
74	Shell-Thin	SLE-ENVE	Min	0	0	0	-14,591	-4,2167	-15,7124	-85,52	0,34
74	Shell-Thin	SLE-ENVE	Min	0	0	0	20,6155	4,0527	-14,697	-85,52	-2,84
74	Shell-Thin	SLE-ENVE	Min	0	0	0	21,8683	3,7705	-14,7233	-91,72	-2,84
74	Shell-Thin	SLE-ENVE	Min	0	0	0	-15,1088	-5,5644	-15,7386	-91,72	0,34
75	Shell-Thin	SLU-ENVE	Max	0	0	0	15,5922	-0,6082	-19,7418	-109,42	-5,48
75	Shell-Thin	SLU-ENVE	Max	0	0	0	91,9332	14,2661	-18,1693	-109,42	4,84
75	Shell-Thin	SLU-ENVE	Max	0	0	0	97,9253	15,8904	-18,1744	-111,64	4,84
75	Shell-Thin	SLU-ENVE	Max	0	0	0	18,4541	2,3072	-19,7469	-111,64	-5,48
75	Shell-Thin	SLU-ENVE	Min	0	0	0	-27,5307	-	-28,56	-166,36	-33,14
								10,2367			
75	Shell-Thin	SLU-ENVE	Min	0	0	0	41,3668	6,7823	-26,8444	-166,36	-13,12
75	Shell-Thin	SLU-ENVE	Min	0	0	0	42,6456	5,2515	-27,1144	-173,04	-13,12
75	Shell-Thin	SLU-ENVE	Min	0	0	0	-25,1353	-3,4475	-28,83	-173,04	-33,14
75	Shell-Thin	SLE-ENVE	Max	0	0	0	7,5264	-0,3303	-10,8787	-59,79	-3,13
75	Shell-Thin	SLE-ENVE	Max	0	0	0	48,1938	7,7449	-10,0013	-59,79	2,64
75	Shell-Thin	SLE-ENVE	Max	0	0	0	51,5036	8,703	-9,9933	-60,99	2,64
75	Shell-Thin	SLE-ENVE	Max	0	0	0	9,103	1,307	-10,8707	-60,99	-3,13
75	Shell-Thin	SLE-ENVE	Min	0	0	0	-15,1157	-5,5985	-15,7133	-91,31	-18,3
75	Shell-Thin	SLE-ENVE	Min	0	0	0	21,87	3,7787	-14,7803	-91,31	-7,47
75	Shell-Thin	SLE-ENVE	Min	0	0	0	22,5645	2,9448	-14,9111	-95,01	-7,47
75	Shell-Thin	SLE-ENVE	Min	0	0	0	-13,7861	-1,8758	-15,8441	-95,01	-18,3
76	Shell-Thin	SLU-ENVE	Max	0	0	0	86,0882	14,68	-15,6804	-52,17	-3,81
76	Shell-Thin	SLU-ENVE	Max	0	0	0	125,7228	23,7418	-11,7442	-52,17	-2,62
76	Shell-Thin	SLU-ENVE	Max	0	0	0	133,7193	22,6233	-11,5662	-53,09	-2,62
76	Shell-Thin	SLU-ENVE	Max	0	0	0	91,8548	14,2659	-15,5024	-53,09	-3,81
76	Shell-Thin	SLU-ENVE	Min	0	0	0	39,0778	7,1816	-23,0449	-105,18	-9,15
76	Shell-Thin	SLU-ENVE	Min	0	0	0	73,079	14,375	-18,4218	-105,18	-6,28
76	Shell-Thin	SLU-ENVE	Min	0	0	0	78,3776	13,9305	-18,5355	-112,08	-6,28
76	Shell-Thin	SLU-ENVE	Min	0	0	0	41,264	6,7479	-23,1585	-112,08	-9,15
76	Shell-Thin	SLE-ENVE	Max	0	0	0	44,9658	7,9189	-8,6445	-25,99	-2,19
76	Shell-Thin	SLE-ENVE	Max	0	0	0	67,4424	12,9475	-6,4634	-25,99	-1,61

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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
76	Shell-Thin	SLE-ENVE	Max	0	0	0	71,8672	12,3759	-6,3512	-26,47	-1,61
76	Shell-Thin	SLE-ENVE	Max	0	0	0	48,1499	7,7447	-8,5324	-26,47	-2,19
76	Shell-Thin	SLE-ENVE	Min	0	0	0	20,6092	4,0452	-12,708	-57,66	-5,07
76	Shell-Thin	SLE-ENVE	Min	0	0	0	39,9113	7,9989	-10,1571	-57,66	-3,65
76	Shell-Thin	SLE-ENVE	Min	0	0	0	42,8474	7,7672	-10,2045	-61,48	-3,65
76	Shell-Thin	SLE-ENVE	Min	0	0	0	21,8124	3,7593	-12,7554	-61,48	-5,07
77	Shell-Thin	SLU-ENVE	Max	0	0	0	91,8515	14,2497	-15,3999	-51,23	-0,7
77	Shell-Thin	SLU-ENVE	Max	0	0	0	133,7182	22,6181	-11,5684	-51,23	-2,79
77	Shell-Thin	SLU-ENVE	Max	0	0	0	142,2682	22,7331	-11,7375	-50,96	-2,79
77	Shell-Thin	SLU-ENVE	Max	0	0	0	98,3529	15,9759	-15,569	-50,96	-0,7
77	Shell-Thin	SLU-ENVE	Min	0	0	0	41,2669	6,7623	-23,4037	-111,45	-17,62
77	Shell-Thin	SLU-ENVE	Min	0	0	0	78,3786	13,9353	-18,7574	-111,45	-11,48
77	Shell-Thin	SLU-ENVE	Min	0	0	0	84,1229	14,4502	-19,1005	-119,28	-11,48
77	Shell-Thin	SLU-ENVE	Min	0	0	0	43,1753	5,3574	-23,7468	-119,28	-17,62
77	Shell-Thin	SLE-ENVE	Max	0	0	0	48,1481	7,7358	-8,4627	-25,48	-0,41
77	Shell-Thin	SLE-ENVE	Max	0	0	0	71,8667	12,3731	-6,3351	-25,48	-1,7
77	Shell-Thin	SLE-ENVE	Max	0	0	0	76,5962	12,4926	-6,4122	-25,31	-1,7
77	Shell-Thin	SLE-ENVE	Max	0	0	0	51,7356	8,7494	-8,5397	-25,31	-0,41
77	Shell-Thin	SLE-ENVE	Min	0	0	0	21,814	3,7675	-12,8745	-61,14	-9,94
77	Shell-Thin	SLE-ENVE	Min	0	0	0	42,848	7,77	-10,3101	-61,14	-6,55
77	Shell-Thin	SLE-ENVE	Min	0	0	0	46,0335	8,0631	-10,4811	-65,49	-6,55
77	Shell-Thin	SLE-ENVE	Min	0	0	0	22,8576	3,0034	-13,0456	-65,49	-9,94
78	Shell-Thin	SLU-ENVE	Max	0	0	0	125,7191	23,741	-7,3405	-	-4,9
										0,07277	
78	Shell-Thin	SLU-ENVE	Max	0	0	0	137,0089	26,4449	-2,9806	-	-2,52
										0,07277	
78	Shell-Thin	SLU-ENVE	Max	0	0	0	145,6823	25,0745	-2,8288	0,92	-2,52
78	Shell-Thin	SLU-ENVE	Max	0	0	0	133,6953	22,6185	-7,1887	0,92	-4,9
78	Shell-Thin	SLU-ENVE	Min	0	0	0	73,0855	14,3763	-12,5476	-54,61	-9,72
78	Shell-Thin	SLU-ENVE	Min	0	0	0	72,8182	15,1985	-5,8218	-54,61	-8,87
78	Shell-Thin	SLU-ENVE	Min	0	0	0	77,6756	14,372	-5,8825	-58,69	-8,87
78	Shell-Thin	SLU-ENVE	Min	0	0	0	78,4397	13,9429	-12,6084	-58,69	-9,72
78	Shell-Thin	SLE-ENVE	Max	0	0	0	67,4402	12,9471	-4,0271	1,64	-3
78	Shell-Thin	SLE-ENVE	Max	0	0	0	73,2742	14,42	-1,6193	1,64	-1,82
78	Shell-Thin	SLE-ENVE	Max	0	0	0	78,0699	13,7242	-1,5196	2,21	-1,82
78	Shell-Thin	SLE-ENVE	Max	0	0	0	71,8539	12,3733	-3,9274	2,21	-3
78	Shell-Thin	SLE-ENVE	Min	0	0	0	39,9145	7,9996	-6,9144	-27,7	-5,55
78	Shell-Thin	SLE-ENVE	Min	0	0	0	38,8965	8,3427	-3,2032	-27,7	-5,12
78	Shell-Thin	SLE-ENVE	Min	0	0	0	41,5794	7,9241	-3,2223	-29,95	-5,12
78	Shell-Thin	SLE-ENVE	Min	0	0	0	42,8816	7,7741	-6,9335	-29,95	-5,55
79	Shell-Thin	SLU-ENVE	Max	0	0	0	133,6943	22,6133	-7,1421	1,71	-3,81
79	Shell-Thin	SLU-ENVE	Max	0	0	0	145,6854	25,0897	-2,6789	1,71	6,53
79	Shell-Thin	SLU-ENVE	Max	0	0	0	154,4018	24,0201	-2,7253	3,14	6,53
79	Shell-Thin	SLU-ENVE	Max	0	0	0	142,5187	22,7832	-7,1886	3,14	-3,81
79	Shell-Thin	SLU-ENVE	Min	0	0	0	78,4407	13,9477	-12,801	-58,82	-15,46
79	Shell-Thin	SLU-ENVE	Min	0	0	0	77,6762	14,3748	-5,9059	-58,82	-13,23
79	Shell-Thin	SLU-ENVE	Min	0	0	0	82,6001	13,1196	-6,0546	-63,81	-13,23
79	Shell-Thin	SLU-ENVE	Min	0	0	0	84,0762	14,4408	-12,9496	-63,81	-15,46
79	Shell-Thin	SLE-ENVE	Max	0	0	0	71,8533	12,3704	-3,8845	2,62	-2,41
79	Shell-Thin	SLE-ENVE	Max	0	0	0	78,0716	13,7327	-1,4168	2,62	3,16

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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
79	Shell-Thin	SLE-ENVE	Max	0	0	0	82,8904	13,2088	-1,4213	3,43	3,16
79	Shell-Thin	SLE-ENVE	Max	0	0	0	76,7361	12,5206	-3,889	3,43	-2,41
79	Shell-Thin	SLE-ENVE	Min	0	0	0	42,8822	7,7769	-7,0224	-30,05	-8,75
79	Shell-Thin	SLE-ENVE	Min	0	0	0	41,5797	7,9258	-3,2184	-30,05	-7,64
79	Shell-Thin	SLE-ENVE	Min	0	0	0	44,3012	7,2643	-3,28	-32,82	-7,64
79	Shell-Thin	SLE-ENVE	Min	0	0	0	46,0071	8,0579	-7,084	-32,82	-8,75
80	Shell-Thin	SLU-ENVE	Max	0	0	0	137,0345	26,45	3,4792	50,78	-2,75
80	Shell-Thin	SLU-ENVE	Max	0	0	0	126,6716	24,1238	10,2188	50,78	-3,97
80	Shell-Thin	SLU-ENVE	Max	0	0	0	134,9129	23,0587	10,3387	53,84	-3,97
80	Shell-Thin	SLU-ENVE	Max	0	0	0	145,6786	25,0738	3,5991	53,84	-2,75
80	Shell-Thin	SLU-ENVE	Min	0	0	0	72,784	15,1916	0,3083	-3,59	-8,97
80	Shell-Thin	SLU-ENVE	Min	0	0	0	58,5806	12,8211	4,9067	-3,59	-10,22
80	Shell-Thin	SLU-ENVE	Min	0	0	0	62,2893	11,9508	5,0241	-5,02	-10,22
80	Shell-Thin	SLU-ENVE	Min	0	0	0	77,6741	14,3716	0,532	-5,02	-8,97
80	Shell-Thin	SLE-ENVE	Max	0	0	0	73,2875	14,4226	1,9247	28,84	-1,92
80	Shell-Thin	SLE-ENVE	Max	0	0	0	66,3543	12,9259	5,6383	28,84	-2,47
80	Shell-Thin	SLE-ENVE	Max	0	0	0	70,9043	12,4317	5,7096	30,55	-2,47
80	Shell-Thin	SLE-ENVE	Max	0	0	0	78,0679	13,7238	1,996	30,55	-1,92
80	Shell-Thin	SLE-ENVE	Min	0	0	0	38,8764	8,3387	0,178	0,31	-5,18
80	Shell-Thin	SLE-ENVE	Min	0	0	0	29,7401	6,8202	2,717	0,31	-6
80	Shell-Thin	SLE-ENVE	Min	0	0	0	31,7756	6,4158	2,7963	-0,47	-6
80	Shell-Thin	SLE-ENVE	Min	0	0	0	41,5784	7,9239	0,3134	-0,47	-5,18
81	Shell-Thin	SLU-ENVE	Max	0	0	0	145,6816	25,0889	3,6938	53,47	6,28
81	Shell-Thin	SLU-ENVE	Max	0	0	0	134,912	23,0543	10,5883	53,47	1,81
81	Shell-Thin	SLU-ENVE	Max	0	0	0	143,9396	23,1762	10,8018	55,79	1,81
81	Shell-Thin	SLU-ENVE	Max	0	0	0	154,4936	24,0385	3,9073	55,79	6,28
81	Shell-Thin	SLU-ENVE	Min	0	0	0	77,6747	14,3745	0,5683	-6,01	-13,91
81	Shell-Thin	SLU-ENVE	Min	0	0	0	62,2935	11,9717	5,1133	-6,01	-15,51
81	Shell-Thin	SLU-ENVE	Min	0	0	0	65,5605	9,691	5,1813	-8,96	-15,51
81	Shell-Thin	SLU-ENVE	Min	0	0	0	82,4691	13,0934	0,653	-8,96	-13,91
81	Shell-Thin	SLE-ENVE	Max	0	0	0	78,0696	13,7323	2,0572	30,33	3,05
81	Shell-Thin	SLE-ENVE	Max	0	0	0	70,9039	12,4293	5,8528	30,33	0,73
81	Shell-Thin	SLE-ENVE	Max	0	0	0	75,885	12,6101	5,98	31,63	0,73
81	Shell-Thin	SLE-ENVE	Max	0	0	0	82,9364	13,218	2,1844	31,63	3,05
81	Shell-Thin	SLE-ENVE	Min	0	0	0	41,5788	7,9256	0,3533	-1,06	-7,98
81	Shell-Thin	SLE-ENVE	Min	0	0	0	31,778	6,4277	2,8634	-1,06	-8,99
81	Shell-Thin	SLE-ENVE	Min	0	0	0	33,5657	5,2446	2,9249	-2,68	-8,99
81	Shell-Thin	SLE-ENVE	Min	0	0	0	44,2255	7,2491	0,4205	-2,68	-7,98
82	Shell-Thin	SLU-ENVE	Max	0	0	0	126,6611	24,1217	16,1926	105,9	-2,7
82	Shell-Thin	SLU-ENVE	Max	0	0	0	96,7703	16,8937	21,0881	105,9	-4,79
82	Shell-Thin	SLU-ENVE	Max	0	0	0	103,0301	16,3199	21,2975	112,57	-4,79
82	Shell-Thin	SLU-ENVE	Max	0	0	0	134,9498	23,0661	16,3473	112,57	-2,7
82	Shell-Thin	SLU-ENVE	Min	0	0	0	58,5695	12,8188	8,3341	30,34	-7,09
82	Shell-Thin	SLU-ENVE	Min	0	0	0	43,688	8,7669	11,4176	30,34	-8,92
82	Shell-Thin	SLU-ENVE	Min	0	0	0	47,1574	8,604	11,2722	30,86	-8,92
82	Shell-Thin	SLU-ENVE	Min	0	0	0	62,2946	11,9518	8,1887	30,86	-7,09
82	Shell-Thin	SLE-ENVE	Max	0	0	0	66,347	12,9244	8,9278	60,8	-1,74
82	Shell-Thin	SLE-ENVE	Max	0	0	0	45,8366	8,3194	11,6093	60,8	-3,17
82	Shell-Thin	SLE-ENVE	Max	0	0	0	49,2707	8,2122	11,7242	64,5	-3,17
82	Shell-Thin	SLE-ENVE	Max	0	0	0	70,9242	12,4356	9,0103	64,5	-1,74

AUTOSTRADA VALDASTICO A31 NORD  
1° LOTTO – Piovene Rocchette – Valle dell’Astico

Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
82	Shell-Thin	SLE-ENVE	Min	0	0	0	29,732	6,8186	4,5922	20,06	-4,25
82	Shell-Thin	SLE-ENVE	Min	0	0	0	19,8525	4,243	6,2664	20,06	-5,54
82	Shell-Thin	SLE-ENVE	Min	0	0	0	21,7532	4,2858	6,1908	20,35	-5,54
82	Shell-Thin	SLE-ENVE	Min	0	0	0	31,7774	6,4161	4,5166	20,35	-4,25
83	Shell-Thin	SLU-ENVE	Max	0	0	0	134,9489	23,0617	16,6094	111,91	3,29
83	Shell-Thin	SLU-ENVE	Max	0	0	0	103,0265	16,3022	21,6913	111,91	0,65
83	Shell-Thin	SLU-ENVE	Max	0	0	0	110,1612	17,6902	22,0637	119,03	0,65
83	Shell-Thin	SLU-ENVE	Max	0	0	0	143,6883	23,1259	17,0038	119,03	3,29
83	Shell-Thin	SLU-ENVE	Min	0	0	0	62,2988	11,9728	8,2128	29,62	-11,88
83	Shell-Thin	SLU-ENVE	Min	0	0	0	47,158	8,6073	11,1634	29,62	-17,09
83	Shell-Thin	SLU-ENVE	Min	0	0	0	50,5959	8,6214	11,3286	29,12	-17,09
83	Shell-Thin	SLU-ENVE	Min	0	0	0	65,4857	9,676	8,378	29,12	-11,88
83	Shell-Thin	SLE-ENVE	Max	0	0	0	70,9237	12,4333	9,1609	64,1	1,6
83	Shell-Thin	SLE-ENVE	Max	0	0	0	49,2687	8,2021	11,9372	64,1	-0,25
83	Shell-Thin	SLE-ENVE	Max	0	0	0	53,1588	9,2283	12,1518	68,07	-0,25
83	Shell-Thin	SLE-ENVE	Max	0	0	0	75,7399	12,5811	9,3839	68,07	1,6
83	Shell-Thin	SLE-ENVE	Min	0	0	0	31,7797	6,428	4,5484	19,61	-6,93
83	Shell-Thin	SLE-ENVE	Min	0	0	0	21,7536	4,2875	6,1347	19,61	-10,32
83	Shell-Thin	SLE-ENVE	Min	0	0	0	23,617	4,4551	6,2456	19,36	-10,32
83	Shell-Thin	SLE-ENVE	Min	0	0	0	33,5184	5,2351	4,6593	19,36	-6,93
84	Shell-Thin	SLU-ENVE	Max	0	0	0	96,7864	16,8969	25,3527	155,72	-1,59
84	Shell-Thin	SLU-ENVE	Max	0	0	0	31,0676	4,2873	27,8551	155,72	-0,68
84	Shell-Thin	SLU-ENVE	Max	0	0	0	33,8535	3,4017	27,9103	164,31	-0,68
84	Shell-Thin	SLU-ENVE	Max	0	0	0	103,0313	16,3202	25,4079	164,31	-1,59
84	Shell-Thin	SLU-ENVE	Min	0	0	0	43,7733	8,784	14,334	63,39	-5,46
84	Shell-Thin	SLU-ENVE	Min	0	0	0	-11,6722	-3,005	16,8531	63,39	-5,06
84	Shell-Thin	SLU-ENVE	Min	0	0	0	-11,2426	-3,752	16,5979	64,97	-5,06
84	Shell-Thin	SLU-ENVE	Min	0	0	0	47,1759	8,6077	14,0788	64,97	-5,46
84	Shell-Thin	SLE-ENVE	Max	0	0	0	45,8456	8,3212	13,9481	88,21	-1,42
84	Shell-Thin	SLE-ENVE	Max	0	0	0	8,5578	0,9594	15,3101	88,21	-0,88
84	Shell-Thin	SLE-ENVE	Max	0	0	0	10,1307	0,6756	15,3159	92,89	-0,88
84	Shell-Thin	SLE-ENVE	Max	0	0	0	49,2659	8,2112	13,9539	92,89	-1,42
84	Shell-Thin	SLE-ENVE	Min	0	0	0	19,8996	4,2525	7,8581	39,3	-3,79
84	Shell-Thin	SLE-ENVE	Min	0	0	0	-11,221	-2,4628	9,2313	39,3	-3,34
84	Shell-Thin	SLE-ENVE	Min	0	0	0	-10,9638	-2,7676	9,0683	40,07	-3,34
84	Shell-Thin	SLE-ENVE	Min	0	0	0	21,7585	4,2868	7,6951	40,07	-3,79
85	Shell-Thin	SLU-ENVE	Max	0	0	0	103,0278	16,3025	25,7748	163,21	4,51
85	Shell-Thin	SLU-ENVE	Max	0	0	0	33,8536	3,4021	27,7982	163,21	-7,67
85	Shell-Thin	SLU-ENVE	Max	0	0	0	36,9907	5,3176	28,1276	171,72	-7,67
85	Shell-Thin	SLU-ENVE	Max	0	0	0	109,8734	17,6327	26,1042	171,72	4,51
85	Shell-Thin	SLU-ENVE	Min	0	0	0	47,1765	8,611	13,9529	63,45	-13,1
85	Shell-Thin	SLU-ENVE	Min	0	0	0	-11,2411	-3,7446	16,3859	63,45	-18,21
85	Shell-Thin	SLU-ENVE	Min	0	0	0	-11,0662	-2,5935	16,5134	63,67	-18,21
85	Shell-Thin	SLU-ENVE	Min	0	0	0	50,4834	8,5989	14,0804	63,67	-13,1
85	Shell-Thin	SLE-ENVE	Max	0	0	0	49,2639	8,2012	14,1529	92,25	1,91
85	Shell-Thin	SLE-ENVE	Max	0	0	0	10,1308	0,6759	15,2103	92,25	-4,99
85	Shell-Thin	SLE-ENVE	Max	0	0	0	11,8283	2,1006	15,375	96,94	-4,99
85	Shell-Thin	SLE-ENVE	Max	0	0	0	52,9885	9,1942	14,3176	96,94	1,91
85	Shell-Thin	SLE-ENVE	Min	0	0	0	21,7589	4,2886	7,6305	39,17	-8,09
85	Shell-Thin	SLE-ENVE	Min	0	0	0	-10,963	-2,7635	8,9077	39,17	-11,13

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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
85	Shell-Thin	SLE-ENVE	Min	0	0	0	-10,8879	-1,9144	8,9709	39,25	-11,13
85	Shell-Thin	SLE-ENVE	Min	0	0	0	23,5405	4,4398	7,6938	39,25	-8,09
86	Shell-Thin	SLU-ENVE	Max	0	0	0	30,678	4,2094	29,0784	180,18	8,09
86	Shell-Thin	SLU-ENVE	Max	0	0	0	-50,8313	-	28,335	180,18	7,53
								11,1523			
86	Shell-Thin	SLU-ENVE	Max	0	0	0	-54,8612	-	28,7592	201,01	7,53
								11,3365			
86	Shell-Thin	SLU-ENVE	Max	0	0	0	34,8176	3,5945	29,5026	201,01	8,09
86	Shell-Thin	SLU-ENVE	Min	0	0	0	-12,0385	-3,0783	18,7716	125,54	-0,66
86	Shell-Thin	SLU-ENVE	Min	0	0	0	-89,0777	-	18,6415	125,54	0,26
								18,7171			
86	Shell-Thin	SLU-ENVE	Min	0	0	0	-98,4697	-	18,8391	141,05	0,26
								19,2548			
86	Shell-Thin	SLU-ENVE	Min	0	0	0	-9,9881	-3,5011	18,9693	141,05	-0,66
86	Shell-Thin	SLE-ENVE	Max	0	0	0	8,3326	0,9144	15,8823	102,58	3,88
86	Shell-Thin	SLE-ENVE	Max	0	0	0	-35,83	-7,9503	15,4835	102,58	4,03
86	Shell-Thin	SLE-ENVE	Max	0	0	0	-38,8134	-7,9852	15,6554	114,32	4,03
86	Shell-Thin	SLE-ENVE	Max	0	0	0	10,7204	0,7935	16,0542	114,32	3,88
86	Shell-Thin	SLE-ENVE	Min	0	0	0	-11,433	-2,5052	10,3148	74,84	-1
86	Shell-Thin	SLE-ENVE	Min	0	0	0	-56,0091	-	10,2421	74,84	-
								11,6567			0,05658
86	Shell-Thin	SLE-ENVE	Min	0	0	0	-61,1949	-	10,3171	83,75	-
								11,9262			0,05658
86	Shell-Thin	SLE-ENVE	Min	0	0	0	-10,2269	-2,6202	10,3898	83,75	-1
87	Shell-Thin	SLU-ENVE	Max	0	0	0	34,8177	3,5949	28,9304	202,26	-3,06
87	Shell-Thin	SLU-ENVE	Max	0	0	0	-54,8828	-	30,2791	202,26	8,27
								11,4443			
87	Shell-Thin	SLU-ENVE	Max	0	0	0	-50,4095	-	30,4011	199,39	8,27
								11,7144			
87	Shell-Thin	SLU-ENVE	Max	0	0	0	35,612	5,0419	29,0524	199,39	-3,06
87	Shell-Thin	SLU-ENVE	Min	0	0	0	-9,9867	-3,4937	18,1409	142,26	-15,8
87	Shell-Thin	SLU-ENVE	Min	0	0	0	-98,507	-	20,1111	142,26	-6,73
								19,4413			
87	Shell-Thin	SLU-ENVE	Min	0	0	0	-94,1517	-	20,0163	137,09	-6,73
								21,8858			
87	Shell-Thin	SLU-ENVE	Min	0	0	0	-12,5523	-2,8908	18,0462	137,09	-15,8
87	Shell-Thin	SLE-ENVE	Max	0	0	0	10,7204	0,7938	15,6114	115,19	-2,7
87	Shell-Thin	SLE-ENVE	Max	0	0	0	-38,834	-8,0759	16,4629	115,19	3,86
87	Shell-Thin	SLE-ENVE	Max	0	0	0	-34,8702	-7,6988	16,4237	112,24	3,86
87	Shell-Thin	SLE-ENVE	Max	0	0	0	11,0009	1,9351	15,5722	112,24	-2,7
87	Shell-Thin	SLE-ENVE	Min	0	0	0	-10,2261	-2,6161	9,834	84,57	-10,03
87	Shell-Thin	SLE-ENVE	Min	0	0	0	-61,2173	-	11,0246	84,57	-4,54
								12,0382			
87	Shell-Thin	SLE-ENVE	Min	0	0	0	-58,4975	-	10,9009	80,44	-4,54
								13,2388			
87	Shell-Thin	SLE-ENVE	Min	0	0	0	-11,761	-2,089	9,7103	80,44	-10,03
88	Shell-Thin	SLU-ENVE	Max	0	0	0	-50,4301	-	24,3974	232,91	11,52
								11,0721			
88	Shell-Thin	SLU-ENVE	Max	0	0	0	-104,8235	-	22,7845	232,91	-78,94
								27,0621			
88	Shell-Thin	SLU-ENVE	Max	0	0	0	-97,9396	-3,6113	24,3188	168,86	-78,94
88	Shell-Thin	SLU-ENVE	Max	0	0	0	-56,1186	-11,588	25,9317	168,86	11,52



AUTOSTRADA VALDASTICO A31 NORD  
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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
88	Shell-Thin	SLU-ENVE	Min	0	0	0	-88,2847	-	15,8611	175,69	2,96
								18,5585			
88	Shell-Thin	SLU-ENVE	Min	0	0	0	-158,0436	-	15,1701	175,69	-140,12
								42,6778			
88	Shell-Thin	SLU-ENVE	Min	0	0	0	-145,854	-8,9977	16,5747	122,07	-140,12
88	Shell-Thin	SLU-ENVE	Min	0	0	0	-100,7114	-	17,2657	122,07	2,96
								19,7031			
88	Shell-Thin	SLE-ENVE	Max	0	0	0	-35,4953	-7,8998	13,2426	131,42	5,9
88	Shell-Thin	SLE-ENVE	Max	0	0	0	-69,2375	-	12,4325	131,42	-49,37
								17,6065			
88	Shell-Thin	SLE-ENVE	Max	0	0	0	-64,701	-3,0492	13,317	94,36	-49,37
88	Shell-Thin	SLE-ENVE	Max	0	0	0	-39,8833	-8,1607	14,1271	94,36	5,9
88	Shell-Thin	SLE-ENVE	Min	0	0	0	-55,5561	-	8,6176	104,46	1,36
								11,5661			
88	Shell-Thin	SLE-ENVE	Min	0	0	0	-94,8913	-	8,3026	104,46	-80,24
								25,2816			
88	Shell-Thin	SLE-ENVE	Min	0	0	0	-87,8184	-6,3436	9,1389	70,34	-80,24
88	Shell-Thin	SLE-ENVE	Min	0	0	0	-62,4824	-	9,4539	70,34	1,36
								12,1836			
89	Shell-Thin	SLU-ENVE	Max	0	0	0	-56,1402	-	31,1656	174,05	27,25
								11,6957			
89	Shell-Thin	SLU-ENVE	Max	0	0	0	-97,8836	-3,2441	26,7861	174,05	238,84
89	Shell-Thin	SLU-ENVE	Max	0	0	0	-122,706	-	27,3761	325,82	238,84
								37,6933			
89	Shell-Thin	SLU-ENVE	Max	0	0	0	-48,9349	-	31,7556	325,82	27,25
								11,4195			
89	Shell-Thin	SLU-ENVE	Min	0	0	0	-100,7487	-	21,8529	126,89	9,48
								19,8897			
89	Shell-Thin	SLU-ENVE	Min	0	0	0	-145,759	-8,7064	18,7676	126,89	135,18
89	Shell-Thin	SLU-ENVE	Min	0	0	0	-190,7336	-	19,1083	241,43	135,18
								60,1286			
89	Shell-Thin	SLU-ENVE	Min	0	0	0	-92,0884	-	22,1936	241,43	9,48
								21,4732			
89	Shell-Thin	SLE-ENVE	Max	0	0	0	-39,904	-8,2329	17,2156	97,6	14,38
89	Shell-Thin	SLE-ENVE	Max	0	0	0	-64,6636	-2,8214	14,7783	97,6	136,84
89	Shell-Thin	SLE-ENVE	Max	0	0	0	-79,7207	-	15,0098	185,56	136,84
								24,2425			
89	Shell-Thin	SLE-ENVE	Max	0	0	0	-33,9395	-7,5127	17,4471	185,56	14,38
89	Shell-Thin	SLE-ENVE	Min	0	0	0	-62,5048	-	12,2303	73,33	4,46
								12,2957			
89	Shell-Thin	SLE-ENVE	Min	0	0	0	-87,7613	-6,1482	10,4707	73,33	83,58
89	Shell-Thin	SLE-ENVE	Min	0	0	0	-113,3356	-	10,5979	145,08	83,58
								35,4325			
89	Shell-Thin	SLE-ENVE	Min	0	0	0	-57,252	-	12,3575	145,08	4,46
								12,9897			
90	Shell-Thin	SLU-ENVE	Max	0	0	0	-104,9473	-	24,0731	-81,84	-76,64
								27,0869			
90	Shell-Thin	SLU-ENVE	Max	0	0	0	-87,6817	-	22,3842	-81,84	1,8
								18,1662			
90	Shell-Thin	SLU-ENVE	Max	0	0	0	-96,4724	-16,236	21,125	8,22	1,8
90	Shell-Thin	SLU-ENVE	Max	0	0	0	-97,6322	-3,526	22,8139	8,22	-76,64
90	Shell-Thin	SLU-ENVE	Min	0	0	0	-158,2299	-	16,9834	-201,37	-139,07
								42,7151			

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1° LOTTO – Piovene Rocchette – Valle dell’Astico

Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
90	Shell-Thin	SLU-ENVE	Min	0	0	0	-115,9878	-	15,9932	-201,37	-8,91
								25,3974			
90	Shell-Thin	SLU-ENVE	Min	0	0	0	-129,9501	-	14,8703	-67,12	-8,91
								21,2575			
90	Shell-Thin	SLU-ENVE	Min	0	0	0	-145,3427	-8,9287	15,8605	-67,12	-139,07
90	Shell-Thin	SLE-ENVE	Max	0	0	0	-69,3142	-	13,3732	-54,13	-48,12
								17,6218			
90	Shell-Thin	SLE-ENVE	Max	0	0	0	-57,909	-	12,4953	-54,13	0,21
								11,9879			
90	Shell-Thin	SLE-ENVE	Max	0	0	0	-62,9649	-	11,6886	0,44	0,21
								10,7863			
90	Shell-Thin	SLE-ENVE	Max	0	0	0	-64,5098	-2,9995	12,5665	0,44	-48,12
90	Shell-Thin	SLE-ENVE	Min	0	0	0	-94,9986	-	9,5346	-116,51	-79,67
								25,3031			
90	Shell-Thin	SLE-ENVE	Min	0	0	0	-70,5565	-15,363	9,0307	-116,51	-5,34
90	Shell-Thin	SLE-ENVE	Min	0	0	0	-78,3403	-	8,3067	-40,22	-5,34
								13,0359			
90	Shell-Thin	SLE-ENVE	Min	0	0	0	-87,5244	-6,3014	8,8107	-40,22	-79,67
91	Shell-Thin	SLU-ENVE	Max	0	0	0	-97,5762	-3,1589	19,5236	4,49	240,42
91	Shell-Thin	SLU-ENVE	Max	0	0	0	-96,4813	-	16,2017	4,49	58,32
								16,2804			
91	Shell-Thin	SLU-ENVE	Max	0	0	0	-93,5736	-	16,0026	-145,9	58,32
								22,8322			
91	Shell-Thin	SLU-ENVE	Max	0	0	0	-122,9734	-	19,3245	-145,9	240,42
								37,7468			
91	Shell-Thin	SLU-ENVE	Min	0	0	0	-145,2477	-8,6374	12,9253	-73,43	137,78
91	Shell-Thin	SLU-ENVE	Min	0	0	0	-129,9768	-21,391	8,6964	-73,43	38,63
91	Shell-Thin	SLU-ENVE	Min	0	0	0	-123,125	-	7,9662	-336,73	38,63
								30,5127			
91	Shell-Thin	SLU-ENVE	Min	0	0	0	-191,0556	-60,193	12,3333	-336,73	137,78
91	Shell-Thin	SLE-ENVE	Max	0	0	0	-64,4723	-2,7717	10,4964	-1,87	137,69
91	Shell-Thin	SLE-ENVE	Max	0	0	0	-62,9714	-	8,6633	-1,87	32,61
								10,8189			
91	Shell-Thin	SLE-ENVE	Max	0	0	0	-60,6181	-	8,5406	-95,77	32,61
								14,6943			
91	Shell-Thin	SLE-ENVE	Max	0	0	0	-79,9006	-	10,3737	-95,77	137,69
								24,2784			
91	Shell-Thin	SLE-ENVE	Min	0	0	0	-87,4673	-6,106	6,9452	-43,94	85,01
91	Shell-Thin	SLE-ENVE	Min	0	0	0	-78,3562	-	4,6477	-43,94	22,5
								13,1155			
91	Shell-Thin	SLE-ENVE	Min	0	0	0	-74,0681	-	4,2449	-195,73	22,5
								18,2522			
91	Shell-Thin	SLE-ENVE	Min	0	0	0	-113,5356	-	6,6568	-195,73	85,01
								35,4725			
92	Shell-Thin	SLU-ENVE	Max	0	0	0	-88,1389	-	16,3668	-54,91	3,62
								18,2577			
92	Shell-Thin	SLU-ENVE	Max	0	0	0	-60,4952	-	10,4859	-54,91	12,8
								11,5291			
92	Shell-Thin	SLU-ENVE	Max	0	0	0	-63,0429	-	10,4072	-64,12	12,8
								11,6444			
92	Shell-Thin	SLU-ENVE	Max	0	0	0	-95,2882	-	16,2881	-64,12	3,62
								15,9991			
92	Shell-Thin	SLU-ENVE	Min	0	0	0	-116,7065	-	11,479	-104,56	-7,84
								25,5411			

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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
92	Shell-Thin	SLU-ENVE	Min	0	0	0	-73,8595	-	6,8041	-104,56	8,9
								14,0264			
92	Shell-Thin	SLU-ENVE	Min	0	0	0	-77,829	-	6,5523	-124,76	8,9
								14,2871			
92	Shell-Thin	SLU-ENVE	Min	0	0	0	-127,8676	-20,841	11,3859	-124,76	-7,84
92	Shell-Thin	SLE-ENVE	Max	0	0	0	-58,1891	-	9,0873	-37,3	1,39
								12,0439			
92	Shell-Thin	SLE-ENVE	Max	0	0	0	-39,4482	-7,5316	5,8481	-37,3	6,79
92	Shell-Thin	SLE-ENVE	Max	0	0	0	-40,013	-7,5393	5,8134	-42,73	6,79
92	Shell-Thin	SLE-ENVE	Max	0	0	0	-62,2279	-	9,0526	-42,73	1,39
								10,6389			
92	Shell-Thin	SLE-ENVE	Min	0	0	0	-70,9658	-	6,4267	-62,45	-4,56
								15,4449			
92	Shell-Thin	SLE-ENVE	Min	0	0	0	-46,8068	-8,9268	3,7992	-62,45	4,73
92	Shell-Thin	SLE-ENVE	Min	0	0	0	-48,9033	-9,0048	3,6689	-73,74	4,73
92	Shell-Thin	SLE-ENVE	Min	0	0	0	-77,1438	-	6,3822	-73,74	-4,56
								12,7966			
93	Shell-Thin	SLU-ENVE	Max	0	0	0	-95,2971	-	14,9877	-66,78	42,53
								16,0435			
93	Shell-Thin	SLU-ENVE	Max	0	0	0	-63,0496	-11,678	11,3481	-66,78	1,62
93	Shell-Thin	SLU-ENVE	Max	0	0	0	-69,4929	-	12,1043	-53,67	1,62
								10,2637			
93	Shell-Thin	SLU-ENVE	Max	0	0	0	-95,184	-	15,7438	-53,67	42,53
								23,1542			
93	Shell-Thin	SLU-ENVE	Min	0	0	0	-127,8943	-	9,3319	-128,1	32,74
								20,9745			
93	Shell-Thin	SLU-ENVE	Min	0	0	0	-77,8377	-	7,992	-128,1	-8,09
								14,3306			
93	Shell-Thin	SLU-ENVE	Min	0	0	0	-86,4745	-	8,5635	-109,1	-8,09
								12,9165			
93	Shell-Thin	SLU-ENVE	Min	0	0	0	-125,3644	-	9,9055	-109,1	32,74
								30,9606			
93	Shell-Thin	SLE-ENVE	Max	0	0	0	-62,2344	-	8,2661	-44,4	23,87
								10,6715			
93	Shell-Thin	SLE-ENVE	Max	0	0	0	-40,0179	-7,5597	6,4211	-44,4	-
											0,04137
93	Shell-Thin	SLE-ENVE	Max	0	0	0	-44,0207	-6,3373	6,8967	-35,57	-
											0,04137
93	Shell-Thin	SLE-ENVE	Max	0	0	0	-61,627	-	8,7417	-35,57	23,87
								14,8961			
93	Shell-Thin	SLE-ENVE	Min	0	0	0	-77,1597	-	5,1645	-75,72	19
								12,8762			
93	Shell-Thin	SLE-ENVE	Min	0	0	0	-48,9085	-9,0307	4,5713	-75,72	-5,09
93	Shell-Thin	SLE-ENVE	Min	0	0	0	-53,9193	-8,0979	4,9362	-64,16	-5,09
93	Shell-Thin	SLE-ENVE	Min	0	0	0	-75,3816	-	5,5238	-64,16	19
								18,5149			
94	Shell-Thin	SLU-ENVE	Max	0	0	0	121,4197	15,2878	9,0681	19,29	0,79
94	Shell-Thin	SLU-ENVE	Max	0	0	0	118,2247	14,6128	8,4316	19,29	1,51
94	Shell-Thin	SLU-ENVE	Max	0	0	0	126,7623	10,8802	8,2551	19,71	1,51
94	Shell-Thin	SLU-ENVE	Max	0	0	0	130,5049	12,3672	8,8916	19,71	0,79
94	Shell-Thin	SLU-ENVE	Min	0	0	0	-11,0586	-2,3999	-0,7657	-1,51	-4,11
94	Shell-Thin	SLU-ENVE	Min	0	0	0	-10,6567	-2,1333	-0,4855	-1,51	-0,86
94	Shell-Thin	SLU-ENVE	Min	0	0	0	-11,9314	-1,5628	-0,4439	-1,08	-0,86

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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
94	Shell-Thin	SLU-ENVE	Min	0	0	0	-12,2065	-1,6024	-0,9001	-1,08	-4,11
94	Shell-Thin	SLE-ENVE	Max	0	0	0	69,0461	8,4812	4,9352	9,39	0,9
94	Shell-Thin	SLE-ENVE	Max	0	0	0	67,4477	8,1445	4,6355	9,39	1,42
94	Shell-Thin	SLE-ENVE	Max	0	0	0	72,2021	5,9962	4,5208	9,67	1,42
94	Shell-Thin	SLE-ENVE	Max	0	0	0	74,1182	6,8065	4,8206	9,67	0,9
94	Shell-Thin	SLE-ENVE	Min	0	0	0	-1,9048	-1,2942	-0,4369	-1,24	-2,13
94	Shell-Thin	SLE-ENVE	Min	0	0	0	-1,5571	-1,1219	-0,2598	-1,24	-0,23
94	Shell-Thin	SLE-ENVE	Min	0	0	0	-2,2225	-1,0145	-0,2405	-0,95	-0,23
94	Shell-Thin	SLE-ENVE	Min	0	0	0	-2,4847	-0,9938	-0,514	-0,95	-2,13
95	Shell-Thin	SLU-ENVE	Max	0	0	0	130,4766	12,2258	8,7232	19,86	-1,31
95	Shell-Thin	SLU-ENVE	Max	0	0	0	126,8083	11,1104	8,0244	19,86	9,75
95	Shell-Thin	SLU-ENVE	Max	0	0	0	137,3923	4,842	7,8074	20,14	9,75
95	Shell-Thin	SLU-ENVE	Max	0	0	0	136,7603	10,9138	8,5062	20,14	-1,31
95	Shell-Thin	SLU-ENVE	Min	0	0	0	-12,2048	-1,5939	-1,1714	-1,24	-10,07
95	Shell-Thin	SLU-ENVE	Min	0	0	0	-11,932	-1,5629	-0,3864	-1,24	-3,3
95	Shell-Thin	SLU-ENVE	Min	0	0	0	-13,1482	-0,6873	-0,303	-0,29	-3,3
95	Shell-Thin	SLU-ENVE	Min	0	0	0	-13,019	-0,5623	-2,3137	-0,29	-10,07
95	Shell-Thin	SLE-ENVE	Max	0	0	0	74,1022	6,7267	4,6995	9,83	-0,39
95	Shell-Thin	SLE-ENVE	Max	0	0	0	72,228	6,1257	4,3758	9,83	5,52
95	Shell-Thin	SLE-ENVE	Max	0	0	0	78,1654	2,6008	4,2197	9,47	5,52
95	Shell-Thin	SLE-ENVE	Max	0	0	0	77,5988	5,9632	4,5435	9,47	-0,39
95	Shell-Thin	SLE-ENVE	Min	0	0	0	-2,4844	-0,9923	-0,6722	-0,99	-5,52
95	Shell-Thin	SLE-ENVE	Min	0	0	0	-2,2221	-1,0097	-0,2127	-0,99	-1,36
95	Shell-Thin	SLE-ENVE	Min	0	0	0	-2,7686	-0,6259	-0,1837	-0,86	-1,36
95	Shell-Thin	SLE-ENVE	Min	0	0	0	-2,9282	-0,5304	-1,3148	-0,86	-5,52
99	Shell-Thin	SLU-ENVE	Max	0	0	0	118,213	14,6104	8,7382	27,67	1,67
99	Shell-Thin	SLU-ENVE	Max	0	0	0	114,0318	12,7508	13,4888	27,67	0,38
99	Shell-Thin	SLU-ENVE	Max	0	0	0	123,0304	9,4811	13,1978	27,86	0,38
99	Shell-Thin	SLU-ENVE	Max	0	0	0	126,8194	10,8916	8,4472	27,86	1,67
99	Shell-Thin	SLU-ENVE	Min	0	0	0	-10,6585	-2,1337	-1,1804	6,29	-0,96
99	Shell-Thin	SLU-ENVE	Min	0	0	0	-15,8117	-4,2673	-1,8998	6,29	-2,76
99	Shell-Thin	SLU-ENVE	Min	0	0	0	-17,141	-3,5857	-1,8707	6,23	-2,76
99	Shell-Thin	SLU-ENVE	Min	0	0	0	-11,9379	-1,5657	-1,1513	6,23	-0,96
99	Shell-Thin	SLE-ENVE	Max	0	0	0	67,4412	8,1432	4,8699	15,23	1,5
99	Shell-Thin	SLE-ENVE	Max	0	0	0	64,9483	7,076	7,5255	15,23	0,73
99	Shell-Thin	SLE-ENVE	Max	0	0	0	69,9749	5,2034	7,3664	15,26	0,73
99	Shell-Thin	SLE-ENVE	Max	0	0	0	72,2342	6,0027	4,7109	15,26	1,5
99	Shell-Thin	SLE-ENVE	Min	0	0	0	-1,5581	-1,1221	-0,6122	4,26	-0,29
99	Shell-Thin	SLE-ENVE	Min	0	0	0	-2,9529	-2,2991	-0,9697	4,26	-1,36
99	Shell-Thin	SLE-ENVE	Min	0	0	0	-3,6049	-2,1296	-0,9459	4,17	-1,36
99	Shell-Thin	SLE-ENVE	Min	0	0	0	-2,225	-1,0157	-0,5884	4,17	-0,29
100	Shell-Thin	SLU-ENVE	Max	0	0	0	126,8654	11,1219	8,1823	27,87	8,65
100	Shell-Thin	SLU-ENVE	Max	0	0	0	123,0153	9,4053	13,1256	27,87	-
100	Shell-Thin	SLU-ENVE	Max	0	0	0	130,4697	6,6516	13,5158	27,59	-
100	Shell-Thin	SLU-ENVE	Max	0	0	0	137,3765	4,8388	8,5726	27,59	8,65
100	Shell-Thin	SLU-ENVE	Min	0	0	0	-11,9385	-1,5657	-1,0916	6,13	-3,04
100	Shell-Thin	SLU-ENVE	Min	0	0	0	-17,1347	-3,5544	-1,7989	6,13	-5,46
100	Shell-Thin	SLU-ENVE	Min	0	0	0	-18,0814	-2,8823	-1,7365	5,98	-5,46

AUTOSTRADA VALDASTICO A31 NORD  
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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
100	Shell-Thin	SLU-ENVE	Min	0	0	0	-13,1437	-0,6657	-1,0292	5,98	-3,04
100	Shell-Thin	SLE-ENVE	Max	0	0	0	72,2601	6,1321	4,5656	15,24	4,91
100	Shell-Thin	SLE-ENVE	Max	0	0	0	69,9662	5,1603	7,3338	15,24	0,37
100	Shell-Thin	SLE-ENVE	Max	0	0	0	74,122	3,589	7,5566	15,47	0,37
100	Shell-Thin	SLE-ENVE	Max	0	0	0	78,156	2,5989	4,7885	15,47	4,91
100	Shell-Thin	SLE-ENVE	Min	0	0	0	-2,2246	-1,0109	-0,5513	4,08	-1,24
100	Shell-Thin	SLE-ENVE	Min	0	0	0	-3,6022	-2,1159	-0,8899	4,08	-2,94
100	Shell-Thin	SLE-ENVE	Min	0	0	0	-4,1479	-1,915	-0,8387	4,3	-2,94
100	Shell-Thin	SLE-ENVE	Min	0	0	0	-2,7675	-0,6147	-0,5001	4,3	-1,24
305	Shell-Thin	SLU-ENVE	Max	0	0	0	0,0024	-0,1406	-0,6509	9,51	4,54
305	Shell-Thin	SLU-ENVE	Max	0	0	0	-2,7846	-0,6535	-0,6788	9,51	4,02
305	Shell-Thin	SLU-ENVE	Max	0	0	0	-2,8134	-0,3853	-0,6555	11,33	4,02
305	Shell-Thin	SLU-ENVE	Max	0	0	0	-0,0023	0,109	-0,6277	11,33	4,54
305	Shell-Thin	SLU-ENVE	Min	0	0	0	-0,001	-4,331	-12,575	5,52	-0,44
305	Shell-Thin	SLU-ENVE	Min	0	0	0	-5,4977	-3,9383	-12,6358	5,52	-0,48
305	Shell-Thin	SLU-ENVE	Min	0	0	0	-6,4228	-5,1744	-11,8916	5,58	-0,48
305	Shell-Thin	SLU-ENVE	Min	0	0	0	-0,0122	-5,9264	-11,8308	5,58	-0,44
305	Shell-Thin	SLE-ENVE	Max	0	0	0	0,0012	-0,0419	-0,3702	6,15	2,44
305	Shell-Thin	SLE-ENVE	Max	0	0	0	-1,9785	-0,4186	-0,3887	6,15	2,15
305	Shell-Thin	SLE-ENVE	Max	0	0	0	-1,9944	-0,233	-0,3779	7,16	2,15
305	Shell-Thin	SLE-ENVE	Max	0	0	0	-0,0015	0,1325	-0,3594	7,16	2,44
305	Shell-Thin	SLE-ENVE	Min	0	0	0	-	-2,3984	-6,9837	3,93	-0,31
							0,0006889				
305	Shell-Thin	SLE-ENVE	Min	0	0	0	-3,4847	-2,2732	-7,0202	3,93	-0,33
305	Shell-Thin	SLE-ENVE	Min	0	0	0	-3,9964	-2,9232	-6,6098	3,96	-0,33
305	Shell-Thin	SLE-ENVE	Min	0	0	0	-0,007	-3,2474	-6,5733	3,96	-0,31
306	Shell-Thin	SLU-ENVE	Max	0	0	0	0,0003022	0,1165	-0,5874	10,95	3,42
306	Shell-Thin	SLU-ENVE	Max	0	0	0	-2,8141	-0,3889	-0,638	10,95	2,75
306	Shell-Thin	SLU-ENVE	Max	0	0	0	-2,9074	0,0208	-0,5922	12,94	2,75
306	Shell-Thin	SLU-ENVE	Max	0	0	0	-0,0042	0,4387	-0,5415	12,94	3,42
306	Shell-Thin	SLU-ENVE	Min	0	0	0	-	-5,8663	-10,9449	5,53	-0,54
							0,0008051				
306	Shell-Thin	SLU-ENVE	Min	0	0	0	-6,4266	-5,1913	-11,0945	5,53	-0,72
306	Shell-Thin	SLU-ENVE	Min	0	0	0	-7,4399	-5,6066	-10,145	5,71	-0,72
306	Shell-Thin	SLU-ENVE	Min	0	0	0	-0,0206	-6,7055	-9,9954	5,71	-0,54
306	Shell-Thin	SLE-ENVE	Max	0	0	0	3,127E-05	0,1372	-0,3377	6,95	1,81
306	Shell-Thin	SLE-ENVE	Max	0	0	0	-1,9949	-0,2353	-0,371	6,95	1,41
306	Shell-Thin	SLE-ENVE	Max	0	0	0	-2,0537	0,0411	-0,3458	8,06	1,41
306	Shell-Thin	SLE-ENVE	Max	0	0	0	-0,0027	0,3565	-0,3124	8,06	1,81
306	Shell-Thin	SLE-ENVE	Min	0	0	0	-	-3,2135	-6,0828	3,94	-0,37
							0,0005357				
306	Shell-Thin	SLE-ENVE	Min	0	0	0	-3,9986	-2,9329	-6,1711	3,94	-0,49
306	Shell-Thin	SLE-ENVE	Min	0	0	0	-4,5668	-3,1035	-5,6452	4,05	-0,49
306	Shell-Thin	SLE-ENVE	Min	0	0	0	-0,012	-3,6282	-5,5569	4,05	-0,37
330	Shell-Thin	SLU-ENVE	Max	0	0	0	-0,0024	0,4476	-0,469	12,6	1,08
330	Shell-Thin	SLU-ENVE	Max	0	0	0	-2,9067	0,024	-0,5312	12,6	0,74
330	Shell-Thin	SLU-ENVE	Max	0	0	0	-3,0689	0,429	-0,4432	14,81	0,74
330	Shell-Thin	SLU-ENVE	Max	0	0	0	0,0089	0,7791	-0,3809	14,81	1,08
330	Shell-Thin	SLU-ENVE	Min	0	0	0	-0,0112	-6,6553	-8,8864	5,63	-0,54
330	Shell-Thin	SLU-ENVE	Min	0	0	0	-7,4416	-5,615	-9,1404	5,63	-0,69

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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
330	Shell-Thin	SLU-ENVE	Min	0	0	0	-8,5306	-5,1604	-8,0069	5,98	-0,69
330	Shell-Thin	SLU-ENVE	Min	0	0	0	0,0045	-6,3671	-7,7528	5,98	-0,54
330	Shell-Thin	SLE-ENVE	Max	0	0	0	-0,0015	0,3623	-0,2699	7,86	0,53
330	Shell-Thin	SLE-ENVE	Max	0	0	0	-2,0533	0,0433	-0,3106	7,86	0,31
330	Shell-Thin	SLE-ENVE	Max	0	0	0	-2,158	0,3119	-0,2577	9,12	0,31
330	Shell-Thin	SLE-ENVE	Max	0	0	0	0,0058	0,5818	-0,217	9,12	0,53
330	Shell-Thin	SLE-ENVE	Min	0	0	0	-0,0065	-3,5994	-4,9398	4	-0,37
330	Shell-Thin	SLE-ENVE	Min	0	0	0	-4,5677	-3,1079	-5,0874	4	-0,47
330	Shell-Thin	SLE-ENVE	Min	0	0	0	-5,1863	-2,8052	-4,4551	4,22	-0,47
330	Shell-Thin	SLE-ENVE	Min	0	0	0	0,0035	-3,3979	-4,3075	4,22	-0,37
332	Shell-Thin	SLU-ENVE	Max	0	0	0	0,0342	0,7635	0,1159	16,92	1,21
332	Shell-Thin	SLU-ENVE	Max	0	0	0	-3,1937	0,6309	0,2042	16,92	1,16
332	Shell-Thin	SLU-ENVE	Max	0	0	0	-2,9689	-0,0368	0,4109	20,77	1,16
332	Shell-Thin	SLU-ENVE	Max	0	0	0	0,1941	0,3923	0,3226	20,77	1,21
332	Shell-Thin	SLU-ENVE	Min	0	0	0	-0,0744	-4,9161	-3,256	6,04	-9,36
332	Shell-Thin	SLU-ENVE	Min	0	0	0	-9,6865	-3,0085	-3,8835	6,04	-4,35
332	Shell-Thin	SLU-ENVE	Min	0	0	0	-11,3451	-0,2077	-2,7298	5,45	-4,35
332	Shell-Thin	SLU-ENVE	Min	0	0	0	-0,0392	0,0701	-2,1023	5,45	-9,36
332	Shell-Thin	SLE-ENVE	Max	0	0	0	0,0237	0,5638	0,0947	10,28	0,91
332	Shell-Thin	SLE-ENVE	Max	0	0	0	-2,2376	0,4371	0,1577	10,28	0,8
332	Shell-Thin	SLE-ENVE	Max	0	0	0	-2,0801	-0,0238	0,2963	12,33	0,8
332	Shell-Thin	SLE-ENVE	Max	0	0	0	0,1022	0,2254	0,2334	12,33	0,91
332	Shell-Thin	SLE-ENVE	Min	0	0	0	-0,0368	-2,595	-1,7776	4,25	-4,97
332	Shell-Thin	SLE-ENVE	Min	0	0	0	-5,8388	-1,59	-2,1129	4,25	-2,27
332	Shell-Thin	SLE-ENVE	Min	0	0	0	-6,7288	-0,1187	-1,4488	3,83	-2,27
332	Shell-Thin	SLE-ENVE	Min	0	0	0	-0,0276	0,0466	-1,1135	3,83	-4,97
435	Shell-Thin	SLU-ENVE	Max	0	0	0	-2,7847	-0,6535	-0,6979	18,57	4,89
435	Shell-Thin	SLU-ENVE	Max	0	0	0	-9,56	-1,4123	-0,7283	18,57	5,01
435	Shell-Thin	SLU-ENVE	Max	0	0	0	-9,6127	-1,8174	-0,7324	20,84	5,01
435	Shell-Thin	SLU-ENVE	Max	0	0	0	-2,8152	-0,3857	-0,702	20,84	4,89
435	Shell-Thin	SLU-ENVE	Min	0	0	0	-5,5031	-3,9396	-12,8613	13,38	-0,47
435	Shell-Thin	SLU-ENVE	Min	0	0	0	-15,4151	-4,6526	-13,3786	13,38	-0,43
435	Shell-Thin	SLU-ENVE	Min	0	0	0	-17,49	-5,6001	-12,7292	13,39	-0,43
435	Shell-Thin	SLU-ENVE	Min	0	0	0	-6,424	-5,1743	-12,2118	13,39	-0,47
435	Shell-Thin	SLE-ENVE	Max	0	0	0	-1,9785	-0,4186	-0,4008	12,14	2,62
435	Shell-Thin	SLE-ENVE	Max	0	0	0	-6,8041	-1,0818	-0,4194	12,14	2,7
435	Shell-Thin	SLE-ENVE	Max	0	0	0	-6,8056	-1,2223	-0,4266	13,38	2,7
435	Shell-Thin	SLE-ENVE	Max	0	0	0	-1,9957	-0,2332	-0,4079	13,38	2,62
435	Shell-Thin	SLE-ENVE	Min	0	0	0	-3,4877	-2,2739	-7,146	9,67	-0,33
435	Shell-Thin	SLE-ENVE	Min	0	0	0	-9,9009	-2,8624	-7,4337	9,67	-0,3
435	Shell-Thin	SLE-ENVE	Min	0	0	0	-11,0425	-3,3574	-7,0789	9,63	-0,3
435	Shell-Thin	SLE-ENVE	Min	0	0	0	-3,9973	-2,9232	-6,7911	9,63	-0,33
436	Shell-Thin	SLU-ENVE	Max	0	0	0	-2,816	-0,3893	-0,6861	20,47	3,73
436	Shell-Thin	SLU-ENVE	Max	0	0	0	-9,6129	-1,8183	-0,7612	20,47	3,75
436	Shell-Thin	SLU-ENVE	Max	0	0	0	-9,74	-1,3539	-0,7587	22,88	3,75
436	Shell-Thin	SLU-ENVE	Max	0	0	0	-2,9106	0,0201	-0,6836	22,88	3,73
436	Shell-Thin	SLU-ENVE	Min	0	0	0	-6,4279	-5,1912	-11,4126	13,37	-0,67
436	Shell-Thin	SLU-ENVE	Min	0	0	0	-17,4896	-5,5972	-12,0433	13,37	-0,78
436	Shell-Thin	SLU-ENVE	Min	0	0	0	-19,7093	-5,8867	-11,216	13,41	-0,78
436	Shell-Thin	SLU-ENVE	Min	0	0	0	-7,4418	-5,6069	-10,5853	13,41	-0,67

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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
436	Shell-Thin	SLE-ENVE	Max	0	0	0	-1,9961	-0,2356	-0,4022	13,18	1,96
436	Shell-Thin	SLE-ENVE	Max	0	0	0	-6,8057	-1,2228	-0,4503	13,18	1,95
436	Shell-Thin	SLE-ENVE	Max	0	0	0	-6,8589	-0,9101	-0,4535	14,5	1,95
436	Shell-Thin	SLE-ENVE	Max	0	0	0	-2,0559	0,0407	-0,4054	14,5	1,96
436	Shell-Thin	SLE-ENVE	Min	0	0	0	-3,9995	-2,9329	-6,3516	9,63	-0,46
436	Shell-Thin	SLE-ENVE	Min	0	0	0	-11,0423	-3,356	-6,7072	9,63	-0,53
436	Shell-Thin	SLE-ENVE	Min	0	0	0	-12,2731	-3,4508	-6,254	9,61	-0,53
436	Shell-Thin	SLE-ENVE	Min	0	0	0	-4,5682	-3,1038	-5,8984	9,61	-0,46
447	Shell-Thin	SLU-ENVE	Max	0	0	0	-2,91	0,0233	-0,6312	22,45	1,89
447	Shell-Thin	SLU-ENVE	Max	0	0	0	-9,7402	-1,3548	-0,7641	22,45	1,14
447	Shell-Thin	SLU-ENVE	Max	0	0	0	-10,0054	-0,6083	-0,6776	25,03	1,14
447	Shell-Thin	SLU-ENVE	Max	0	0	0	-3,0771	0,4274	-0,5447	25,03	1,89
447	Shell-Thin	SLU-ENVE	Min	0	0	0	-7,4435	-5,6154	-9,5949	13,26	-0,54
447	Shell-Thin	SLU-ENVE	Min	0	0	0	-19,7097	-5,889	-10,375	13,26	-1,23
447	Shell-Thin	SLU-ENVE	Min	0	0	0	-22,0978	-5,0649	-9,3357	13,44	-1,23
447	Shell-Thin	SLU-ENVE	Min	0	0	0	-8,5442	-5,1631	-8,5557	13,44	-0,54
447	Shell-Thin	SLE-ENVE	Max	0	0	0	-2,0555	0,0428	-0,3759	14,25	0,96
447	Shell-Thin	SLE-ENVE	Max	0	0	0	-6,859	-0,9107	-0,462	14,25	0,44
447	Shell-Thin	SLE-ENVE	Max	0	0	0	-7,0113	-0,4147	-0,4096	15,68	0,44
447	Shell-Thin	SLE-ENVE	Max	0	0	0	-2,1635	0,3108	-0,3235	15,68	0,96
447	Shell-Thin	SLE-ENVE	Min	0	0	0	-4,5691	-3,1081	-5,3494	9,5	-0,37
447	Shell-Thin	SLE-ENVE	Min	0	0	0	-12,2734	-3,4522	-5,7946	9,5	-0,83
447	Shell-Thin	SLE-ENVE	Min	0	0	0	-13,6151	-2,9059	-5,2151	9,59	-0,83
447	Shell-Thin	SLE-ENVE	Min	0	0	0	-5,1948	-2,8069	-4,7699	9,59	-0,37
449	Shell-Thin	SLU-ENVE	Max	0	0	0	-3,192	0,6312	0,1622	26,98	1,22
449	Shell-Thin	SLU-ENVE	Max	0	0	0	-10,3362	-0,0364	0,2163	26,98	-0,66
449	Shell-Thin	SLU-ENVE	Max	0	0	0	-10,4352	0,4954	0,7552	27,55	-0,66
449	Shell-Thin	SLU-ENVE	Max	0	0	0	-2,9612	-0,0352	0,7011	27,55	1,22
449	Shell-Thin	SLU-ENVE	Min	0	0	0	-9,7085	-3,013	-4,8465	13,01	-3,7
449	Shell-Thin	SLU-ENVE	Min	0	0	0	-24,5427	-3,2291	-5,8199	13,01	-5,5
449	Shell-Thin	SLU-ENVE	Min	0	0	0	-26,3661	0,2217	-4,4745	13,54	-5,5
449	Shell-Thin	SLU-ENVE	Min	0	0	0	-11,2476	-0,1882	-3,5011	13,54	-3,7
449	Shell-Thin	SLE-ENVE	Max	0	0	0	-2,2375	0,4371	0,1336	16,68	0,84
449	Shell-Thin	SLE-ENVE	Max	0	0	0	-7,2102	-0,0397	0,1713	16,68	-0,47
449	Shell-Thin	SLE-ENVE	Max	0	0	0	-7,2451	0,3044	0,5321	17,08	-0,47
449	Shell-Thin	SLE-ENVE	Max	0	0	0	-2,0739	-0,0226	0,4944	17,08	0,84
449	Shell-Thin	SLE-ENVE	Min	0	0	0	-5,8519	-1,5926	-2,6493	9,22	-1,9
449	Shell-Thin	SLE-ENVE	Min	0	0	0	-14,9973	-1,82	-3,1833	9,22	-3,17
449	Shell-Thin	SLE-ENVE	Min	0	0	0	-16,0187	0,1573	-2,3755	9,62	-3,17
449	Shell-Thin	SLE-ENVE	Min	0	0	0	-6,6726	-0,1075	-1,8416	9,62	-1,9
565	Shell-Thin	SLE-ENVE	Max	0	0	0	-9,5589	-1,4129	-0,7403	28,31	6,11
565	Shell-Thin	SLU-ENVE	Max	0	0	0	-20,1355	-2,7932	-0,7534	28,31	6,81
565	Shell-Thin	SLU-ENVE	Max	0	0	0	-20,1756	-4,0371	-0,7823	31,15	6,81
565	Shell-Thin	SLU-ENVE	Max	0	0	0	-9,6112	-1,817	-0,7692	31,15	6,11
565	Shell-Thin	SLU-ENVE	Min	0	0	0	-15,4377	-4,6571	-14,0813	21,17	-0,46
565	Shell-Thin	SLU-ENVE	Min	0	0	0	-30,0659	-6,919	-15,171	21,17	-0,27
565	Shell-Thin	SLU-ENVE	Min	0	0	0	-33,5018	-7,1994	-14,6752	21,15	-0,27
565	Shell-Thin	SLU-ENVE	Min	0	0	0	-17,489	-5,5997	-13,5855	21,15	-0,46
565	Shell-Thin	SLE-ENVE	Max	0	0	0	-6,8032	-1,0821	-0,4249	18,05	3,3
565	Shell-Thin	SLE-ENVE	Max	0	0	0	-14,4945	-2,2371	-0,4302	18,05	3,72

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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
565	Shell-Thin	SLE-ENVE	Max	0	0	0	-14,4633	-2,8447	-0,4537	19,61	3,72
565	Shell-Thin	SLE-ENVE	Max	0	0	0	-6,8044	-1,222	-0,4485	19,61	3,3
565	Shell-Thin	SLE-ENVE	Min	0	0	0	-9,9133	-2,8649	-7,8211	15,43	-0,33
565	Shell-Thin	SLE-ENVE	Min	0	0	0	-19,1938	-4,364	-8,4217	15,43	-0,2
565	Shell-Thin	SLE-ENVE	Min	0	0	0	-21,0776	-4,5016	-8,1545	15,37	-0,2
565	Shell-Thin	SLE-ENVE	Min	0	0	0	-11,0417	-3,3571	-7,5539	15,37	-0,33
566	Shell-Thin	SLU-ENVE	Max	0	0	0	-9,6113	-1,818	-0,8011	30,53	4,97
566	Shell-Thin	SLU-ENVE	Max	0	0	0	-20,178	-4,0491	-0,8512	30,53	5,47
566	Shell-Thin	SLU-ENVE	Max	0	0	0	-20,2148	-3,6328	-0,9143	33,52	5,47
566	Shell-Thin	SLU-ENVE	Max	0	0	0	-9,7443	-1,3549	-0,8643	33,52	4,97
566	Shell-Thin	SLU-ENVE	Min	0	0	0	-17,4887	-5,5968	-12,8945	21,21	-0,83
566	Shell-Thin	SLU-ENVE	Min	0	0	0	-33,4927	-7,1234	-14,0927	21,21	-0,8
566	Shell-Thin	SLU-ENVE	Min	0	0	0	-37,1945	-7,4014	-13,3524	21,02	-0,8
566	Shell-Thin	SLU-ENVE	Min	0	0	0	-19,6943	-5,8837	-12,1541	21,02	-0,83
566	Shell-Thin	SLE-ENVE	Max	0	0	0	-6,8045	-1,2226	-0,4743	19,27	2,61
566	Shell-Thin	SLE-ENVE	Max	0	0	0	-14,4651	-2,8535	-0,504	19,27	2,89
566	Shell-Thin	SLE-ENVE	Max	0	0	0	-14,4264	-2,5482	-0,5505	20,88	2,89
566	Shell-Thin	SLE-ENVE	Max	0	0	0	-6,862	-0,9107	-0,5209	20,88	2,61
566	Shell-Thin	SLE-ENVE	Min	0	0	0	-11,0416	-3,3557	-7,1797	15,41	-0,56
566	Shell-Thin	SLE-ENVE	Min	0	0	0	-21,0729	-4,4608	-7,8442	15,41	-0,55
566	Shell-Thin	SLE-ENVE	Min	0	0	0	-23,1025	-4,5523	-7,4466	15,22	-0,55
566	Shell-Thin	SLE-ENVE	Min	0	0	0	-12,2653	-3,4492	-6,7822	15,22	-0,56
590	Shell-Thin	SLU-ENVE	Max	0	0	0	-9,7445	-1,3557	-0,8695	33,5	2,66
590	Shell-Thin	SLU-ENVE	Max	0	0	0	-20,2186	-3,652	-1,038	33,5	2,33
590	Shell-Thin	SLU-ENVE	Max	0	0	0	-20,4881	-2,6965	-1,0603	35,84	2,33
590	Shell-Thin	SLU-ENVE	Max	0	0	0	-10,0179	-0,6111	-0,8918	35,84	2,66
590	Shell-Thin	SLU-ENVE	Min	0	0	0	-19,6948	-5,886	-11,304	20,94	-1,15
590	Shell-Thin	SLU-ENVE	Min	0	0	0	-37,2097	-7,4774	-12,6191	20,94	-1,72
590	Shell-Thin	SLU-ENVE	Min	0	0	0	-40,8269	-7,0511	-11,8542	20,94	-1,72
590	Shell-Thin	SLU-ENVE	Min	0	0	0	-22,1424	-5,0738	-10,5391	20,94	-1,15
590	Shell-Thin	SLE-ENVE	Max	0	0	0	-6,8621	-0,9113	-0,5291	20,86	1,29
590	Shell-Thin	SLE-ENVE	Max	0	0	0	-14,4292	-2,5622	-0,6371	20,86	1
590	Shell-Thin	SLE-ENVE	Max	0	0	0	-14,5537	-1,8787	-0,6565	22,37	1
590	Shell-Thin	SLE-ENVE	Max	0	0	0	-7,0204	-0,4165	-0,5485	22,37	1,29
590	Shell-Thin	SLE-ENVE	Min	0	0	0	-12,2656	-3,4506	-6,3178	15,17	-0,77
590	Shell-Thin	SLE-ENVE	Min	0	0	0	-23,1115	-4,5971	-7,0604	15,17	-1,15
590	Shell-Thin	SLE-ENVE	Min	0	0	0	-25,1206	-4,2387	-6,6456	15,11	-1,15
590	Shell-Thin	SLE-ENVE	Min	0	0	0	-13,6415	-2,9112	-5,903	15,11	-0,77
592	Shell-Thin	SLU-ENVE	Max	0	0	0	-10,3114	-0,0316	0,1199	40,85	-0,4
592	Shell-Thin	SLU-ENVE	Max	0	0	0	-21,3023	-0,6015	0,0462	40,85	0,68
592	Shell-Thin	SLU-ENVE	Max	0	0	0	-21,6112	-0,8095	0,7127	40,74	0,68
592	Shell-Thin	SLU-ENVE	Max	0	0	0	-10,4193	0,4811	0,7863	40,74	-0,4
592	Shell-Thin	SLU-ENVE	Min	0	0	0	-24,3567	-3,1919	-6,9441	20,75	-5,23
592	Shell-Thin	SLU-ENVE	Min	0	0	0	-46,2012	-2,8906	-8,0022	20,75	-0,42
592	Shell-Thin	SLU-ENVE	Min	0	0	0	-48,2313	-1,727	-6,5812	21,15	-0,42
592	Shell-Thin	SLU-ENVE	Min	0	0	0	-26,4379	0,2249	-5,5231	21,15	-5,23
592	Shell-Thin	SLE-ENVE	Max	0	0	0	-7,195	-0,0366	0,1117	24,86	-0,3
592	Shell-Thin	SLE-ENVE	Max	0	0	0	-15,0699	-0,3945	0,0636	24,86	0,46
592	Shell-Thin	SLE-ENVE	Max	0	0	0	-15,2615	-0,5751	0,4986	25,18	0,46
592	Shell-Thin	SLE-ENVE	Max	0	0	0	-7,2312	0,3012	0,5467	25,18	-0,3



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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
592	Shell-Thin	SLE-ENVE	Min	0	0	0	-14,8921	-1,7989	-3,8144	14,88	-2,99
592	Shell-Thin	SLE-ENVE	Min	0	0	0	-28,1749	-1,6755	-4,4102	14,88	-0,18
592	Shell-Thin	SLE-ENVE	Min	0	0	0	-29,3282	-1,0769	-3,5576	15,19	-0,18
592	Shell-Thin	SLE-ENVE	Min	0	0	0	-16,0558	0,1601	-2,9618	15,19	-2,99
1023	Shell-Thin	SLU-ENVE	Max	0	0	0	-20,1349	-2,7939	-0,7598	39,96	8,26
1023	Shell-Thin	SLU-ENVE	Max	0	0	0	-34,6181	-5,0337	-0,7619	39,96	9,7
1023	Shell-Thin	SLU-ENVE	Max	0	0	0	-34,7153	-7,0015	-0,7823	39,71	9,7
1023	Shell-Thin	SLU-ENVE	Max	0	0	0	-20,1693	-4,0358	-0,7802	39,71	8,26
1023	Shell-Thin	SLU-ENVE	Min	0	0	0	-30,0594	-6,9177	-16,4537	28,98	-0,3
1023	Shell-Thin	SLU-ENVE	Min	0	0	0	-50,2601	-	-18,0634	28,98	-0,97
								11,5337			
1023	Shell-Thin	SLU-ENVE	Min	0	0	0	-53,6247	-9,7195	-17,7903	29,1	-0,97
1023	Shell-Thin	SLU-ENVE	Min	0	0	0	-33,5049	-7,2005	-16,1806	29,1	-0,3
1023	Shell-Thin	SLE-ENVE	Max	0	0	0	-14,4939	-2,2374	-0,43	25,5	4,52
1023	Shell-Thin	SLE-ENVE	Max	0	0	0	-25,0803	-4,0084	-0,4256	25,5	5,35
1023	Shell-Thin	SLE-ENVE	Max	0	0	0	-25,0663	-5,0431	-0,4433	25,36	5,35
1023	Shell-Thin	SLE-ENVE	Max	0	0	0	-14,4587	-2,8438	-0,4477	25,36	4,52
1023	Shell-Thin	SLE-ENVE	Min	0	0	0	-19,19	-4,3632	-9,1277	21,21	-0,22
1023	Shell-Thin	SLE-ENVE	Min	0	0	0	-32,0562	-7,2605	-10,0127	21,21	-0,56
1023	Shell-Thin	SLE-ENVE	Min	0	0	0	-33,8946	-6,2438	-9,8669	21,25	-0,56
1023	Shell-Thin	SLE-ENVE	Min	0	0	0	-21,0785	-4,5021	-8,982	21,25	-0,22
1024	Shell-Thin	SLU-ENVE	Max	0	0	0	-20,1718	-4,0479	-0,8405	38,9	6,98
1024	Shell-Thin	SLU-ENVE	Max	0	0	0	-34,7118	-6,9842	-0,8172	38,9	9,33
1024	Shell-Thin	SLU-ENVE	Max	0	0	0	-34,6576	-6,9579	-0,9394	40,9	9,33
1024	Shell-Thin	SLU-ENVE	Max	0	0	0	-20,2126	-3,6324	-0,9627	40,9	6,98
1024	Shell-Thin	SLU-ENVE	Min	0	0	0	-33,4959	-7,1245	-15,5734	29,27	-0,95
1024	Shell-Thin	SLU-ENVE	Min	0	0	0	-53,6431	-9,8116	-17,3221	29,27	-0,11
1024	Shell-Thin	SLU-ENVE	Min	0	0	0	-58,3503	-	-16,6226	29,08	-0,11
								10,8635			
1024	Shell-Thin	SLU-ENVE	Min	0	0	0	-37,1991	-7,4023	-14,8739	29,08	-0,95
1024	Shell-Thin	SLE-ENVE	Max	0	0	0	-14,4605	-2,8526	-0,4922	24,92	3,7
1024	Shell-Thin	SLE-ENVE	Max	0	0	0	-25,0637	-5,0302	-0,4708	24,92	5,14
1024	Shell-Thin	SLE-ENVE	Max	0	0	0	-24,9309	-5,005	-0,5568	26,91	5,14
1024	Shell-Thin	SLE-ENVE	Max	0	0	0	-14,4246	-2,5478	-0,5782	26,91	3,7
1024	Shell-Thin	SLE-ENVE	Min	0	0	0	-21,0738	-4,4613	-8,6571	21,38	-0,65
1024	Shell-Thin	SLE-ENVE	Min	0	0	0	-33,9044	-6,2924	-9,6144	21,38	-
										0,09322	
1024	Shell-Thin	SLE-ENVE	Min	0	0	0	-36,4661	-7,2304	-9,245	21,18	-
										0,09322	
1024	Shell-Thin	SLE-ENVE	Min	0	0	0	-23,1045	-4,5527	-8,2877	21,18	-0,65
1025	Shell-Thin	SLU-ENVE	Max	0	0	0	-20,2164	-3,6515	-1,1046	41,5	4,11
1025	Shell-Thin	SLU-ENVE	Max	0	0	0	-34,6528	-6,9339	-1,1792	41,5	12,45
1025	Shell-Thin	SLU-ENVE	Max	0	0	0	-34,5176	-5,8978	-1,3801	46,68	12,45
1025	Shell-Thin	SLU-ENVE	Max	0	0	0	-20,4959	-2,6981	-1,3056	46,68	4,11
1025	Shell-Thin	SLU-ENVE	Min	0	0	0	-37,2143	-7,4783	-13,9932	29,2	-1,9
1025	Shell-Thin	SLU-ENVE	Min	0	0	0	-58,3251	-	-16,0773	29,2	-2,05
								10,8171			
1025	Shell-Thin	SLU-ENVE	Min	0	0	0	-64,551	-	-15,9685	28,37	-2,05
								12,7276			
1025	Shell-Thin	SLU-ENVE	Min	0	0	0	-40,8484	-7,0554	-13,6305	28,37	-1,9
1025	Shell-Thin	SLE-ENVE	Max	0	0	0	-14,4274	-2,5619	-0,6771	26,9	1,95

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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
1025	Shell-Thin	SLE-ENVE	Max	0	0	0	-24,9274	-4,9874	-0,7216	26,9	6,69
1025	Shell-Thin	SLE-ENVE	Max	0	0	0	-24,724	-4,2457	-0,8588	29,15	6,69
1025	Shell-Thin	SLE-ENVE	Max	0	0	0	-14,5594	-1,8798	-0,8143	29,15	1,95
1025	Shell-Thin	SLE-ENVE	Min	0	0	0	-23,1135	-4,5975	-7,8217	21,27	-1,28
1025	Shell-Thin	SLE-ENVE	Min	0	0	0	-36,4515	-7,2003	-9,0093	21,27	-1,39
1025	Shell-Thin	SLE-ENVE	Min	0	0	0	-39,836	-7,8037	-8,9894	20,6	-1,39
1025	Shell-Thin	SLE-ENVE	Min	0	0	0	-25,1337	-4,2413	-7,6506	20,6	-1,28
1027	Shell-Thin	SLU-ENVE	Max	0	0	0	-21,3873	-0,6192	-0,7851	41,09	5,1
1027	Shell-Thin	SLU-ENVE	Max	0	0	0	-35,3075	-1,4274	-1,5288	41,09	-9,72
1027	Shell-Thin	SLU-ENVE	Max	0	0	0	-37,7299	7,7704	0,4714	67,43	-9,72
1027	Shell-Thin	SLU-ENVE	Max	0	0	0	-21,4082	-0,7689	1,2152	67,43	5,1
1027	Shell-Thin	SLU-ENVE	Min	0	0	0	-46,5335	-2,957	-10,9182	24,11	1,77
1027	Shell-Thin	SLU-ENVE	Min	0	0	0	-71,8278	-3,3131	-14,5111	24,11	-13,96
1027	Shell-Thin	SLU-ENVE	Min	0	0	0	-85,8922	3,5572	-9,9427	28,91	-13,96
1027	Shell-Thin	SLU-ENVE	Min	0	0	0	-47,4315	-1,5671	-6,1706	28,91	1,77
1027	Shell-Thin	SLE-ENVE	Max	0	0	0	-15,1267	-0,4059	-0,4838	26,33	3,13
1027	Shell-Thin	SLE-ENVE	Max	0	0	0	-25,1809	-1,0605	-0,9676	26,33	-7,06
1027	Shell-Thin	SLE-ENVE	Max	0	0	0	-26,7309	4,7384	0,3503	42,21	-7,06
1027	Shell-Thin	SLE-ENVE	Max	0	0	0	-15,1242	-0,5477	0,834	42,21	3,13
1027	Shell-Thin	SLE-ENVE	Min	0	0	0	-28,3668	-1,7138	-6,1143	17,47	1,25
1027	Shell-Thin	SLE-ENVE	Min	0	0	0	-43,9179	-2,213	-8,1796	17,47	-9,47
1027	Shell-Thin	SLE-ENVE	Min	0	0	0	-52,3233	2,5269	-5,3865	20,58	-9,47
1027	Shell-Thin	SLE-ENVE	Min	0	0	0	-28,8648	-0,9732	-3,2759	20,58	1,25
1099	Shell-Thin	SLU-ENVE	Max	0	0	0	-41,287	-5,0535	24,8745	-30,05	12,89
1099	Shell-Thin	SLU-ENVE	Max	0	0	0	-25,9789	-2,8167	22,3098	-30,05	11,56
1099	Shell-Thin	SLU-ENVE	Max	0	0	0	-29,5767	-5,2406	21,8404	-34,41	11,56
1099	Shell-Thin	SLU-ENVE	Max	0	0	0	-47,067	-8,1943	24,4051	-34,41	12,89
1099	Shell-Thin	SLU-ENVE	Min	0	0	0	-50,2402	-	16,4165	-39,95	-0,97
								11,5271			
1099	Shell-Thin	SLU-ENVE	Min	0	0	0	-30,0447	-6,911	14,6947	-39,95	3,51
1099	Shell-Thin	SLU-ENVE	Min	0	0	0	-35,2168	-7,1942	14,4094	-39,7	3,51
1099	Shell-Thin	SLU-ENVE	Min	0	0	0	-54,6275	-9,7135	16,1312	-39,7	-0,97
1099	Shell-Thin	SLE-ENVE	Max	0	0	0	-28,935	-4,0193	13,7654	-21,87	7,14
1099	Shell-Thin	SLE-ENVE	Max	0	0	0	-17,851	-2,2501	12,3567	-21,87	6,35
1099	Shell-Thin	SLE-ENVE	Max	0	0	0	-19,8237	-3,5699	12,1039	-24,29	6,35
1099	Shell-Thin	SLE-ENVE	Max	0	0	0	-32,1189	-5,7574	13,5125	-24,29	7,14
1099	Shell-Thin	SLE-ENVE	Min	0	0	0	-32,044	-7,2567	9,1093	-25,49	-0,56
1099	Shell-Thin	SLE-ENVE	Min	0	0	0	-20,039	-4,3594	8,1624	-25,49	1,89
1099	Shell-Thin	SLE-ENVE	Min	0	0	0	-22,9513	-4,4984	8,0126	-26,25	1,89
1099	Shell-Thin	SLE-ENVE	Min	0	0	0	-36,3317	-6,4834	8,9595	-26,25	-0,56
1100	Shell-Thin	SLU-ENVE	Max	0	0	0	-47,0625	-8,1722	24,1148	-34,77	12,46
1100	Shell-Thin	SLU-ENVE	Max	0	0	0	-29,5824	-5,2694	21,2303	-34,77	9,91
1100	Shell-Thin	SLU-ENVE	Max	0	0	0	-33,5863	-6,8139	20,8813	-39,23	9,91
1100	Shell-Thin	SLU-ENVE	Max	0	0	0	-53,2977	-8,3772	23,7658	-39,23	12,46
1100	Shell-Thin	SLU-ENVE	Min	0	0	0	-54,6232	-9,8056	16,0266	-39,98	0,5
1100	Shell-Thin	SLU-ENVE	Min	0	0	0	-35,2222	-7,1182	14,0712	-39,98	3,1
1100	Shell-Thin	SLU-ENVE	Min	0	0	0	-41,0736	-8,7292	13,9759	-45,34	3,1
1100	Shell-Thin	SLU-ENVE	Min	0	0	0	-63,7012	-	15,907	-45,34	0,5
								12,7324			
1100	Shell-Thin	SLE-ENVE	Max	0	0	0	-32,1158	-5,7419	13,3609	-24,52	6,87

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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
1100	Shell-Thin	SLE-ENVE	Max	0	0	0	-19,8273	-3,5879	11,7838	-24,52	5,31
1100	Shell-Thin	SLE-ENVE	Max	0	0	0	-22,0226	-4,3747	11,6181	-25,09	5,31
1100	Shell-Thin	SLE-ENVE	Max	0	0	0	-35,5198	-5,4969	13,1952	-25,09	6,87
1100	Shell-Thin	SLE-ENVE	Min	0	0	0	-36,3285	-6,4675	8,9121	-26,42	0,23
1100	Shell-Thin	SLE-ENVE	Min	0	0	0	-22,9548	-4,4576	7,8411	-26,42	1,59
1100	Shell-Thin	SLE-ENVE	Min	0	0	0	-26,1583	-5,4837	7,8136	-29,92	1,59
1100	Shell-Thin	SLE-ENVE	Min	0	0	0	-41,2825	-8,3271	8,8395	-29,92	0,23
1101	Shell-Thin	SLU-ENVE	Max	0	0	0	-53,2884	-8,2134	23,7767	-39,17	12,45
1101	Shell-Thin	SLU-ENVE	Max	0	0	0	-33,5913	-6,839	20,3194	-39,17	6,16
1101	Shell-Thin	SLU-ENVE	Max	0	0	0	-38,2537	-6,455	19,9521	-43,58	6,16
1101	Shell-Thin	SLU-ENVE	Max	0	0	0	-60,1565	-	23,4094	-43,58	12,45
								10,2286			
1101	Shell-Thin	SLU-ENVE	Min	0	0	0	-63,6912	-	14,9418	-45,23	3,65
								12,6822			
1101	Shell-Thin	SLU-ENVE	Min	0	0	0	-41,0801	-8,7615	13,225	-45,23	3
1101	Shell-Thin	SLU-ENVE	Min	0	0	0	-47,7445	-8,3852	12,8135	-50,75	3
1101	Shell-Thin	SLU-ENVE	Min	0	0	0	-73,4847	-	14,5303	-50,75	3,65
								12,7236			
1101	Shell-Thin	SLE-ENVE	Max	0	0	0	-35,5138	-5,4028	13,2485	-25,58	6,69
1101	Shell-Thin	SLE-ENVE	Max	0	0	0	-22,0261	-4,3924	11,3422	-25,58	3,04
1101	Shell-Thin	SLE-ENVE	Max	0	0	0	-24,626	-4,0169	11,1862	-28,72	3,04
1101	Shell-Thin	SLE-ENVE	Max	0	0	0	-39,2175	-6,709	13,0925	-28,72	6,69
1101	Shell-Thin	SLE-ENVE	Min	0	0	0	-41,2759	-8,2943	8,3332	-29,91	1,7
1101	Shell-Thin	SLE-ENVE	Min	0	0	0	-26,1627	-5,5059	7,3883	-29,91	1,4
1101	Shell-Thin	SLE-ENVE	Min	0	0	0	-29,858	-5,1195	7,1923	-33,14	1,4
1101	Shell-Thin	SLE-ENVE	Min	0	0	0	-46,5851	-7,9504	8,1372	-33,14	1,7
1103	Shell-Thin	SLU-ENVE	Max	0	0	0	-68,4044	-1,4273	20,8221	-39,84	-11,33
1103	Shell-Thin	SLU-ENVE	Max	0	0	0	-44,0971	-2,7804	15,4903	-39,84	6,82
1103	Shell-Thin	SLU-ENVE	Max	0	0	0	-45,1683	-1,5064	9,8912	-64,14	6,82
1103	Shell-Thin	SLU-ENVE	Max	0	0	0	-83,0952	9,4785	15,2229	-64,14	-11,33
1103	Shell-Thin	SLU-ENVE	Min	0	0	0	-85,1917	-3,961	13,787	-47,39	-16,22
1103	Shell-Thin	SLU-ENVE	Min	0	0	0	-55,8964	-3,8349	10,4867	-47,39	3,81
1103	Shell-Thin	SLU-ENVE	Min	0	0	0	-57,4265	-1,9135	5,7328	-86,31	3,81
1103	Shell-Thin	SLU-ENVE	Min	0	0	0	-106,1817	7,4894	9,0331	-86,31	-16,22
1103	Shell-Thin	SLE-ENVE	Max	0	0	0	-42,9606	-1,0604	11,7273	-24,73	-7,49
1103	Shell-Thin	SLE-ENVE	Max	0	0	0	-27,761	-1,6299	8,6656	-24,73	4,05
1103	Shell-Thin	SLE-ENVE	Max	0	0	0	-28,213	-0,9245	5,2571	-38,65	4,05
1103	Shell-Thin	SLE-ENVE	Max	0	0	0	-50,3746	5,8461	8,3188	-38,65	-7,49
1103	Shell-Thin	SLE-ENVE	Min	0	0	0	-53,1297	-2,5807	7,7852	-30,46	-10,73
1103	Shell-Thin	SLE-ENVE	Min	0	0	0	-34,4895	-2,2265	5,8791	-30,46	2,28
1103	Shell-Thin	SLE-ENVE	Min	0	0	0	-35,3324	-1,1895	3,0424	-52,7	2,28
1103	Shell-Thin	SLE-ENVE	Min	0	0	0	-65,0903	4,5884	4,9485	-52,7	-10,73
1137	Shell-Thin	SLU-ENVE	Max	0	0	0	-25,9753	-2,816	20,4549	-23,63	9,42
1137	Shell-Thin	SLU-ENVE	Max	0	0	0	-13,7237	-1,4404	18,9627	-23,63	8,73
1137	Shell-Thin	SLU-ENVE	Max	0	0	0	-15,7836	-3,5117	18,2537	-26,71	8,73
1137	Shell-Thin	SLU-ENVE	Max	0	0	0	-29,5783	-5,241	19,7459	-26,71	9,42
1137	Shell-Thin	SLU-ENVE	Min	0	0	0	-30,0512	-6,9123	13,4534	-28,3	2,71
1137	Shell-Thin	SLU-ENVE	Min	0	0	0	-16,3814	-4,6502	12,461	-28,3	4,04
1137	Shell-Thin	SLU-ENVE	Min	0	0	0	-19,4386	-5,5932	12,0226	-31,14	4,04
1137	Shell-Thin	SLU-ENVE	Min	0	0	0	-35,2169	-7,193	13,015	-31,14	2,71

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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
1137	Shell-Thin	SLE-ENVE	Max	0	0	0	-17,8492	-2,2497	11,3377	-16,86	5,17
1137	Shell-Thin	SLE-ENVE	Max	0	0	0	-9,1887	-1,0974	10,518	-16,86	4,75
1137	Shell-Thin	SLE-ENVE	Max	0	0	0	-10,3223	-2,2054	10,1367	-18,54	4,75
1137	Shell-Thin	SLE-ENVE	Max	0	0	0	-19,8257	-3,5703	10,9565	-18,54	5,17
1137	Shell-Thin	SLE-ENVE	Min	0	0	0	-20,0337	-4,3601	7,4796	-18,05	1,46
1137	Shell-Thin	SLE-ENVE	Min	0	0	0	-10,6645	-2,8609	6,9329	-18,05	2,17
1137	Shell-Thin	SLE-ENVE	Min	0	0	0	-12,3441	-3,3534	6,7005	-20,45	2,17
1137	Shell-Thin	SLE-ENVE	Min	0	0	0	-22,9527	-4,498	7,2472	-20,45	1,46
1138	Shell-Thin	SLU-ENVE	Max	0	0	0	-29,584	-5,2697	19,1537	-26,73	7,67
1138	Shell-Thin	SLU-ENVE	Max	0	0	0	-15,7836	-3,5119	17,3876	-26,73	7,11
1138	Shell-Thin	SLU-ENVE	Max	0	0	0	-18,1224	-4,8047	16,6247	-30,03	7,11
1138	Shell-Thin	SLU-ENVE	Max	0	0	0	-33,5702	-6,8107	18,3907	-30,03	7,67
1138	Shell-Thin	SLU-ENVE	Min	0	0	0	-35,2224	-7,1171	12,6909	-31,02	2,21
1138	Shell-Thin	SLU-ENVE	Min	0	0	0	-19,4386	-5,5903	11,4913	-31,02	2,71
1138	Shell-Thin	SLU-ENVE	Min	0	0	0	-22,8489	-7,0179	11,0568	-34,98	2,71
1138	Shell-Thin	SLU-ENVE	Min	0	0	0	-41,0604	-8,7266	12,2564	-34,98	2,21
1138	Shell-Thin	SLE-ENVE	Max	0	0	0	-19,8293	-3,5883	10,6475	-18,57	4,1
1138	Shell-Thin	SLE-ENVE	Max	0	0	0	-10,3224	-2,2058	9,6712	-18,57	3,78
1138	Shell-Thin	SLE-ENVE	Max	0	0	0	-11,6236	-2,8495	9,269	-20,33	3,78
1138	Shell-Thin	SLE-ENVE	Max	0	0	0	-22,0144	-4,3731	10,2453	-20,33	4,1
1138	Shell-Thin	SLE-ENVE	Min	0	0	0	-22,9562	-4,4571	7,0848	-20,42	1,12
1138	Shell-Thin	SLE-ENVE	Min	0	0	0	-12,3442	-3,352	6,418	-20,42	1,39
1138	Shell-Thin	SLE-ENVE	Min	0	0	0	-14,2324	-4,1134	6,1943	-23,03	1,39
1138	Shell-Thin	SLE-ENVE	Min	0	0	0	-26,1521	-5,4825	6,8612	-23,03	1,12
1139	Shell-Thin	SLU-ENVE	Max	0	0	0	-33,5752	-6,8358	17,7907	-29,78	3,64
1139	Shell-Thin	SLU-ENVE	Max	0	0	0	-18,1225	-4,8053	15,592	-29,78	3,88
1139	Shell-Thin	SLU-ENVE	Max	0	0	0	-20,7593	-4,5887	14,6536	-33,85	3,88
1139	Shell-Thin	SLU-ENVE	Max	0	0	0	-38,2461	-6,4535	16,8523	-33,85	3,64
1139	Shell-Thin	SLU-ENVE	Min	0	0	0	-41,0669	-8,7588	11,9666	-34,67	1,78
1139	Shell-Thin	SLU-ENVE	Min	0	0	0	-22,8488	-7,0177	10,4192	-34,67	0,52
1139	Shell-Thin	SLU-ENVE	Min	0	0	0	-26,6155	-6,7613	9,8583	-40,35	0,52
1139	Shell-Thin	SLU-ENVE	Min	0	0	0	-47,7271	-8,3818	11,2907	-40,35	1,78
1139	Shell-Thin	SLE-ENVE	Max	0	0	0	-22,018	-4,3908	9,9453	-20,19	1,7
1139	Shell-Thin	SLE-ENVE	Max	0	0	0	-11,6237	-2,8499	8,7089	-20,19	1,94
1139	Shell-Thin	SLE-ENVE	Max	0	0	0	-13,1153	-2,6156	8,2046	-21,62	1,94
1139	Shell-Thin	SLE-ENVE	Max	0	0	0	-24,6201	-4,0157	9,441	-21,62	1,7
1139	Shell-Thin	SLE-ENVE	Min	0	0	0	-26,1566	-5,5047	6,7279	-22,84	0,77
1139	Shell-Thin	SLE-ENVE	Min	0	0	0	-14,2324	-4,1133	5,8497	-22,84	0,13
1139	Shell-Thin	SLE-ENVE	Min	0	0	0	-16,346	-3,8446	5,5499	-25,99	0,13
1139	Shell-Thin	SLE-ENVE	Min	0	0	0	-29,8465	-5,1172	6,3298	-25,99	0,77
1141	Shell-Thin	SLE-ENVE	Max	0	0	0	-43,6928	-2,6995	11,6269	-38,28	0,25
1141	Shell-Thin	SLU-ENVE	Max	0	0	0	-23,2121	-3,053	10,034	-38,28	-4,85
1141	Shell-Thin	SLU-ENVE	Max	0	0	0	-25,2479	0,6022	8,3143	-38,92	-4,85
1141	Shell-Thin	SLU-ENVE	Max	0	0	0	-46,0485	-1,6488	9,9071	-38,92	0,25
1141	Shell-Thin	SLU-ENVE	Min	0	0	0	-55,3303	-3,7217	7,6528	-47,04	-0,42
1141	Shell-Thin	SLU-ENVE	Min	0	0	0	-30,0924	-4,5746	6,5786	-47,04	-7,17
1141	Shell-Thin	SLU-ENVE	Min	0	0	0	-33,0759	0,4581	5,2384	-47,7	-7,17
1141	Shell-Thin	SLU-ENVE	Min	0	0	0	-58,6442	-2,157	6,2694	-47,7	-0,42
1141	Shell-Thin	SLE-ENVE	Max	0	0	0	-27,6034	-1,5824	6,4002	-24,43	0,23
1141	Shell-Thin	SLE-ENVE	Max	0	0	0	-14,509	-1,6821	5,5093	-24,43	-2,73

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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
1141	Shell-Thin	SLE-ENVE	Max	0	0	0	-15,6357	0,3715	4,4552	-24,22	-2,73
1141	Shell-Thin	SLE-ENVE	Max	0	0	0	-28,6282	-1,0075	5,3461	-24,22	0,23
1141	Shell-Thin	SLE-ENVE	Min	0	0	0	-34,163	-2,1612	4,2082	-29,61	-0,18
1141	Shell-Thin	SLE-ENVE	Min	0	0	0	-18,3055	-2,5356	3,5893	-29,61	-4,03
1141	Shell-Thin	SLE-ENVE	Min	0	0	0	-19,9591	0,2787	2,7438	-30,05	-4,03
1141	Shell-Thin	SLE-ENVE	Min	0	0	0	-36,0383	-1,3307	3,3628	-30,05	-0,18
1175	Shell-Thin	SLU-ENVE	Max	0	0	0	-13,7209	-1,4398	18,0002	-16,35	7,09
1175	Shell-Thin	SLU-ENVE	Max	0	0	0	-4,9827	-0,9525	17,3291	-16,35	7,06
1175	Shell-Thin	SLU-ENVE	Max	0	0	0	-5,863	-2,9651	16,4445	-18,71	7,06
1175	Shell-Thin	SLU-ENVE	Max	0	0	0	-15,7797	-3,5109	17,1156	-18,71	7,09
1175	Shell-Thin	SLU-ENVE	Min	0	0	0	-16,3757	-4,6457	11,8268	-18,57	2,93
1175	Shell-Thin	SLU-ENVE	Min	0	0	0	-6,2975	-3,9323	11,3846	-18,57	3,5
1175	Shell-Thin	SLU-ENVE	Min	0	0	0	-7,608	-5,1674	10,8226	-21,88	3,5
1175	Shell-Thin	SLU-ENVE	Min	0	0	0	-19,4333	-5,5937	11,2647	-21,88	2,93
1175	Shell-Thin	SLE-ENVE	Max	0	0	0	-9,1874	-1,0971	9,9893	-11,38	3,85
1175	Shell-Thin	SLE-ENVE	Max	0	0	0	-3,1951	-0,5836	9,6175	-11,38	3,82
1175	Shell-Thin	SLE-ENVE	Max	0	0	0	-3,6833	-1,6537	9,1358	-12,67	3,82
1175	Shell-Thin	SLE-ENVE	Max	0	0	0	-10,3205	-2,2051	9,5076	-12,67	3,85
1175	Shell-Thin	SLE-ENVE	Min	0	0	0	-10,6618	-2,8585	6,5833	-12,51	1,56
1175	Shell-Thin	SLE-ENVE	Min	0	0	0	-3,9234	-2,2698	6,3363	-12,51	1,87
1175	Shell-Thin	SLE-ENVE	Min	0	0	0	-4,6471	-2,9193	6,032	-14,43	1,87
1175	Shell-Thin	SLE-ENVE	Min	0	0	0	-12,3416	-3,3537	6,279	-14,43	1,56
1176	Shell-Thin	SLU-ENVE	Max	0	0	0	-15,7797	-3,5111	16,2475	-18,5	5,3
1176	Shell-Thin	SLU-ENVE	Max	0	0	0	-5,8675	-2,9875	15,3854	-18,5	5,33
1176	Shell-Thin	SLU-ENVE	Max	0	0	0	-6,8687	-4,273	14,333	-21,16	5,33
1176	Shell-Thin	SLU-ENVE	Max	0	0	0	-18,1097	-4,8021	15,1952	-21,16	5,3
1176	Shell-Thin	SLU-ENVE	Min	0	0	0	-19,4332	-5,5908	10,7307	-21,53	1,66
1176	Shell-Thin	SLU-ENVE	Min	0	0	0	-7,6142	-5,1866	10,144	-21,53	2
1176	Shell-Thin	SLU-ENVE	Min	0	0	0	-9,0694	-6,9912	9,482	-25,43	2
1176	Shell-Thin	SLU-ENVE	Min	0	0	0	-22,8346	-7,015	10,0686	-25,43	1,66
1176	Shell-Thin	SLE-ENVE	Max	0	0	0	-10,3205	-2,2054	9,0403	-12,55	2,79
1176	Shell-Thin	SLE-ENVE	Max	0	0	0	-3,6859	-1,6666	8,5552	-12,55	2,83
1176	Shell-Thin	SLE-ENVE	Max	0	0	0	-4,2514	-2,3146	7,9815	-14,01	2,83
1176	Shell-Thin	SLE-ENVE	Max	0	0	0	-11,6159	-2,848	8,4666	-14,01	2,79
1176	Shell-Thin	SLE-ENVE	Min	0	0	0	-12,3416	-3,3523	5,9944	-14,23	0,81
1176	Shell-Thin	SLE-ENVE	Min	0	0	0	-4,6506	-2,9291	5,6605	-14,23	1,01
1176	Shell-Thin	SLE-ENVE	Min	0	0	0	-5,4655	-3,8523	5,3006	-16,37	1,01
1176	Shell-Thin	SLE-ENVE	Min	0	0	0	-14,2238	-4,1116	5,6345	-16,37	0,81
1177	Shell-Thin	SLU-ENVE	Max	0	0	0	-18,1098	-4,8027	14,1696	-20,76	1,73
1177	Shell-Thin	SLU-ENVE	Max	0	0	0	-6,8703	-4,2814	13,0483	-20,76	2,55
1177	Shell-Thin	SLU-ENVE	Max	0	0	0	-8,0031	-4,4398	11,7297	-23,75	2,55
1177	Shell-Thin	SLU-ENVE	Max	0	0	0	-20,7402	-4,5849	12,851	-23,75	1,73
1177	Shell-Thin	SLU-ENVE	Min	0	0	0	-22,8346	-7,0148	9,4363	-24,89	-0,35
1177	Shell-Thin	SLU-ENVE	Min	0	0	0	-9,0722	-7,0051	8,6498	-24,89	0,34
1177	Shell-Thin	SLU-ENVE	Min	0	0	0	-10,677	-7,1602	7,7896	-29,19	0,34
1177	Shell-Thin	SLU-ENVE	Min	0	0	0	-26,5912	-6,7564	8,5761	-29,19	-0,35
1177	Shell-Thin	SLE-ENVE	Max	0	0	0	-11,616	-2,8483	7,9101	-13,76	0,74
1177	Shell-Thin	SLE-ENVE	Max	0	0	0	-4,2523	-2,3189	7,271	-13,76	1,31
1177	Shell-Thin	SLE-ENVE	Max	0	0	0	-4,9022	-2,3466	6,537	-15,41	1,31
1177	Shell-Thin	SLE-ENVE	Max	0	0	0	-13,1024	-2,6131	7,1761	-15,41	0,74

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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
1177	Shell-Thin	SLE-ENVE	Min	0	0	0	-14,2238	-4,1115	5,2925	-16,05	-0,35
1177	Shell-Thin	SLE-ENVE	Min	0	0	0	-5,4669	-3,8596	4,8387	-16,05	0,11
1177	Shell-Thin	SLE-ENVE	Min	0	0	0	-6,3775	-3,8748	4,3561	-18,44	0,11
1177	Shell-Thin	SLE-ENVE	Min	0	0	0	-16,3299	-3,8414	4,8098	-18,44	-0,35
1179	Shell-Thin	SLU-ENVE	Max	0	0	0	-23,3612	-3,0828	8,421	-25,78	-5,23
1179	Shell-Thin	SLU-ENVE	Max	0	0	0	-9,2092	-2,7493	6,9679	-25,78	-3,24
1179	Shell-Thin	SLU-ENVE	Max	0	0	0	-10,7072	-0,1769	5,3014	-26,48	-3,24
1179	Shell-Thin	SLU-ENVE	Max	0	0	0	-25,211	0,6163	6,7546	-26,48	-5,23
1179	Shell-Thin	SLU-ENVE	Min	0	0	0	-30,3039	-4,6169	5,4599	-32,45	-7,56
1179	Shell-Thin	SLU-ENVE	Min	0	0	0	-12,4124	-4,5242	4,5068	-32,45	-5,64
1179	Shell-Thin	SLU-ENVE	Min	0	0	0	-14,7857	-0,2533	3,2448	-33,11	-5,64
1179	Shell-Thin	SLU-ENVE	Min	0	0	0	-33,005	0,4748	4,198	-33,11	-7,56
1179	Shell-Thin	SLE-ENVE	Max	0	0	0	-14,5945	-1,6992	4,6043	-16,32	-2,98
1179	Shell-Thin	SLE-ENVE	Max	0	0	0	-5,5839	-1,3932	3,8122	-16,32	-1,55
1179	Shell-Thin	SLE-ENVE	Max	0	0	0	-6,3648	-0,1027	2,807	-16,73	-1,55
1179	Shell-Thin	SLE-ENVE	Max	0	0	0	-15,6193	0,3786	3,5991	-16,73	-2,98
1179	Shell-Thin	SLE-ENVE	Min	0	0	0	-18,4256	-2,5596	2,9594	-20,13	-4,29
1179	Shell-Thin	SLE-ENVE	Min	0	0	0	-7,3531	-2,386	2,4459	-20,13	-2,9
1179	Shell-Thin	SLE-ENVE	Min	0	0	0	-8,6211	-0,1449	1,6636	-20,59	-2,9
1179	Shell-Thin	SLE-ENVE	Min	0	0	0	-19,9237	0,2873	2,1771	-20,59	-4,29
1213	Shell-Thin	SLU-ENVE	Max	0	0	0	-4,9803	-0,952	17,0637	-8,69	5,76
1213	Shell-Thin	SLU-ENVE	Max	0	0	0	0,0034	-1,2746	17,0426	-8,69	6,58
1213	Shell-Thin	SLU-ENVE	Max	0	0	0	-0,0114	-3,5486	16,0485	-10,42	6,58
1213	Shell-Thin	SLU-ENVE	Max	0	0	0	-5,8575	-2,964	16,0697	-10,42	5,76
1213	Shell-Thin	SLU-ENVE	Min	0	0	0	-6,2936	-3,931	11,2167	-10,61	2,62
1213	Shell-Thin	SLU-ENVE	Min	0	0	0	-	-4,3228	11,2096	-10,61	3,33
							0,0008495				
1213	Shell-Thin	SLU-ENVE	Min	0	0	0	-0,0163	-6,3557	10,5692	-13,19	3,33
1213	Shell-Thin	SLU-ENVE	Min	0	0	0	-7,6014	-5,1675	10,5763	-13,19	2,62
1213	Shell-Thin	SLE-ENVE	Max	0	0	0	-3,1938	-0,5833	9,4703	-5,69	3,11
1213	Shell-Thin	SLE-ENVE	Max	0	0	0	0,0017	-0,6676	9,4553	-5,69	3,56
1213	Shell-Thin	SLE-ENVE	Max	0	0	0	-0,0066	-1,8836	8,9085	-6,65	3,56
1213	Shell-Thin	SLE-ENVE	Max	0	0	0	-3,68	-1,6531	8,9235	-6,65	3,11
1213	Shell-Thin	SLE-ENVE	Min	0	0	0	-3,9213	-2,2691	6,2418	-6,76	1,38
1213	Shell-Thin	SLE-ENVE	Min	0	0	0	-	-2,3939	6,2341	-6,76	1,78
							0,0006209				
1213	Shell-Thin	SLE-ENVE	Min	0	0	0	-0,0094	-3,4739	5,8822	-8,18	1,78
1213	Shell-Thin	SLE-ENVE	Min	0	0	0	-4,6431	-2,9193	5,8899	-8,18	1,38
1214	Shell-Thin	SLU-ENVE	Max	0	0	0	-5,862	-2,9864	15,0136	-10,1	3,89
1214	Shell-Thin	SLU-ENVE	Max	0	0	0	0,0003133	-3,4945	14,8752	-10,1	4,86
1214	Shell-Thin	SLU-ENVE	Max	0	0	0	-0,0189	-5,118	13,6252	-12,07	4,86
1214	Shell-Thin	SLU-ENVE	Max	0	0	0	-6,8629	-4,2719	13,7635	-12,07	3,89
1214	Shell-Thin	SLU-ENVE	Min	0	0	0	-7,6076	-5,1853	9,8993	-12,72	1,09
1214	Shell-Thin	SLU-ENVE	Min	0	0	0	-	-6,2762	9,8078	-12,72	1,91
							0,0005791				
1214	Shell-Thin	SLU-ENVE	Min	0	0	0	-0,0288	-8,5688	8,9961	-15,57	1,91
1214	Shell-Thin	SLU-ENVE	Min	0	0	0	-9,0629	-6,9899	9,0875	-15,57	1,09
1214	Shell-Thin	SLE-ENVE	Max	0	0	0	-3,6826	-1,666	8,3442	-6,47	2,03
1214	Shell-Thin	SLE-ENVE	Max	0	0	0	3,765E-05	-1,8527	8,2603	-6,47	2,59
1214	Shell-Thin	SLE-ENVE	Max	0	0	0	-0,0109	-2,7003	7,5696	-7,58	2,59

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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
1214	Shell-Thin	SLE-ENVE	Max	0	0	0	-4,2476	-2,3139	7,6535	-7,58	2,03
1214	Shell-Thin	SLE-ENVE	Min	0	0	0	-4,6466	-2,9291	5,519	-7,91	0,51
1214	Shell-Thin	SLE-ENVE	Min	0	0	0	-	-3,4291	5,4612	-7,91	0,98
							0,0004646				
1214	Shell-Thin	SLE-ENVE	Min	0	0	0	-0,0166	-4,6405	5,0117	-9,51	0,98
1214	Shell-Thin	SLE-ENVE	Min	0	0	0	-5,4612	-3,8514	5,0695	-9,51	0,51
1215	Shell-Thin	SLU-ENVE	Max	0	0	0	-6,8645	-4,2802	12,4608	-11,74	0,92
1215	Shell-Thin	SLU-ENVE	Max	0	0	0	-0,0092	-5,0708	12,1539	-11,74	1,36
1215	Shell-Thin	SLU-ENVE	Max	0	0	0	0,009	-5,3972	10,6618	-14,03	1,36
1215	Shell-Thin	SLU-ENVE	Max	0	0	0	-7,9917	-4,4376	10,9687	-14,03	0,92
1215	Shell-Thin	SLU-ENVE	Min	0	0	0	-9,0657	-7,0038	8,2402	-15,12	-0,63
1215	Shell-Thin	SLU-ENVE	Min	0	0	0	-0,0153	-8,5013	8,0289	-15,12	-0,32
1215	Shell-Thin	SLU-ENVE	Min	0	0	0	0,0042	-8,8757	7,0452	-18,36	-0,32
1215	Shell-Thin	SLU-ENVE	Min	0	0	0	-10,6644	-7,1577	7,2565	-18,36	-0,63
1215	Shell-Thin	SLE-ENVE	Max	0	0	0	-4,2485	-2,3181	6,9318	-7,38	0,39
1215	Shell-Thin	SLE-ENVE	Max	0	0	0	-0,0053	-2,6727	6,7525	-7,38	0,66
1215	Shell-Thin	SLE-ENVE	Max	0	0	0	0,0058	-2,809	5,921	-8,7	0,66
1215	Shell-Thin	SLE-ENVE	Max	0	0	0	-4,8948	-2,3451	6,1003	-8,7	0,39
1215	Shell-Thin	SLE-ENVE	Min	0	0	0	-5,4626	-3,8587	4,5981	-9,25	-0,44
1215	Shell-Thin	SLE-ENVE	Min	0	0	0	-0,0088	-4,6016	4,4724	-9,25	-0,25
1215	Shell-Thin	SLE-ENVE	Min	0	0	0	0,0033	-4,7547	3,9208	-11,09	-0,25
1215	Shell-Thin	SLE-ENVE	Min	0	0	0	-6,3694	-3,8732	4,0466	-11,09	-0,44
1217	Shell-Thin	SLU-ENVE	Max	0	0	0	-9,1906	-2,7456	5,583	-16,12	-3,92
1217	Shell-Thin	SLU-ENVE	Max	0	0	0	-0,0693	-4,4003	4,6422	-16,12	-8,35
1217	Shell-Thin	SLU-ENVE	Max	0	0	0	0,2986	0,5213	3,1113	-19,85	-8,35
1217	Shell-Thin	SLU-ENVE	Max	0	0	0	-10,8074	-0,1969	4,0508	-19,85	-3,92
1217	Shell-Thin	SLU-ENVE	Min	0	0	0	-12,3855	-4,5188	3,577	-21,47	-6,59
1217	Shell-Thin	SLU-ENVE	Min	0	0	0	-0,1218	-7,1776	2,9871	-21,48	-13,52
1217	Shell-Thin	SLU-ENVE	Min	0	0	0	0,1837	0,363	1,9217	-27,39	-13,52
1217	Shell-Thin	SLU-ENVE	Min	0	0	0	-14,9273	-0,2816	2,5108	-27,39	-6,6
1217	Shell-Thin	SLE-ENVE	Max	0	0	0	-5,5741	-1,3912	3,0427	-9,85	-1,94
1217	Shell-Thin	SLE-ENVE	Max	0	0	0	-0,0323	-2,2732	2,5395	-9,85	-4,35
1217	Shell-Thin	SLE-ENVE	Max	0	0	0	0,1579	0,2979	1,664	-11,79	-4,35
1217	Shell-Thin	SLE-ENVE	Max	0	0	0	-6,4213	-0,1139	2,1665	-11,79	-1,94
1217	Shell-Thin	SLE-ENVE	Min	0	0	0	-7,3385	-2,3831	1,9299	-12,81	-3,44
1217	Shell-Thin	SLE-ENVE	Min	0	0	0	-0,0615	-3,8199	1,6223	-12,81	-7,23
1217	Shell-Thin	SLE-ENVE	Min	0	0	0	0,0939	0,2104	1,0041	-15,97	-7,23
1217	Shell-Thin	SLE-ENVE	Min	0	0	0	-8,7007	-0,1609	1,3112	-15,97	-3,44
1251	Shell-Thin	SLU-ENVE	Max	0	0	0	-34,6146	-6,9575	-0,2679	59,01	9,67
1251	Shell-Thin	SLU-ENVE	Max	0	0	0	-54,0336	-10,82	-0,3191	59,01	11,19
1251	Shell-Thin	SLU-ENVE	Max	0	0	0	-54,3451	-	-0,3144	73,16	11,19
								10,8847			
1251	Shell-Thin	SLU-ENVE	Max	0	0	0	-34,7318	-6,9655	-0,2633	73,16	9,67
1251	Shell-Thin	SLU-ENVE	Min	0	0	0	-50,1684	-	-7,2162	36,33	0,08711
								10,5181			
1251	Shell-Thin	SLU-ENVE	Min	0	0	0	-79,7004	-	-10,099	36,33	0,2
								16,1356			
1251	Shell-Thin	SLU-ENVE	Min	0	0	0	-90,2615	-	-10,1013	39,22	0,2
								17,8511			
1251	Shell-Thin	SLU-ENVE	Min	0	0	0	-53,6959	-	-7,2185	39,22	0,08711
								10,4105			

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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
1251	Shell-Thin	SLE-ENVE	Max	0	0	0	-25,0778	-5,0351	-0,1468	36,89	5,35
1251	Shell-Thin	SLE-ENVE	Max	0	0	0	-39,2331	-7,8559	-0,1723	36,89	6,22
1251	Shell-Thin	SLE-ENVE	Max	0	0	0	-39,3589	-7,8839	-0,1707	44,81	6,22
1251	Shell-Thin	SLE-ENVE	Max	0	0	0	-25,078	-5,0254	-0,1452	44,81	5,35
1251	Shell-Thin	SLE-ENVE	Min	0	0	0	-32,0052	-6,6787	-3,9976	26,74	0,03146
1251	Shell-Thin	SLE-ENVE	Min	0	0	0	-50,4636	-	-5,5947	26,74	0,11
								10,2049			
1251	Shell-Thin	SLE-ENVE	Min	0	0	0	-56,3366	-	-5,5948	28,56	0,11
								11,1616			
1251	Shell-Thin	SLE-ENVE	Min	0	0	0	-33,9357	-6,6122	-3,9977	28,56	0,03146
1252	Shell-Thin	SLU-ENVE	Max	0	0	0	-34,7307	-6,9598	-0,2631	73,04	9,92
1252	Shell-Thin	SLU-ENVE	Max	0	0	0	-54,3407	-	-0,2984	73,04	11,2
								10,8623			
1252	Shell-Thin	SLU-ENVE	Max	0	0	0	-54,8486	-	-0,2718	90,19	11,2
								10,8734			
1252	Shell-Thin	SLU-ENVE	Max	0	0	0	-34,5956	-6,9277	-0,2365	90,19	9,92
1252	Shell-Thin	SLU-ENVE	Min	0	0	0	-53,7019	-	-7,0532	39,17	-
								10,4406			0,03101
1252	Shell-Thin	SLU-ENVE	Min	0	0	0	-90,2608	-	-10,3082	39,17	0,05841
								17,8473			
1252	Shell-Thin	SLU-ENVE	Min	0	0	0	-102,5612	-19,024	-10,2452	40,45	0,05841
1252	Shell-Thin	SLU-ENVE	Min	0	0	0	-58,2655	-	-6,9903	40,45	-
								10,9637			0,03101
1252	Shell-Thin	SLE-ENVE	Max	0	0	0	-25,0772	-5,0211	-0,1464	44,74	5,47
1252	Shell-Thin	SLE-ENVE	Max	0	0	0	-39,3557	-7,8678	-0,1616	44,74	6,2
1252	Shell-Thin	SLE-ENVE	Max	0	0	0	-39,6098	-7,8576	-0,145	54,39	6,2
1252	Shell-Thin	SLE-ENVE	Max	0	0	0	-24,8864	-4,9834	-0,1298	54,39	5,47
1252	Shell-Thin	SLE-ENVE	Min	0	0	0	-33,9389	-6,6281	-3,9071	28,52	-
											0,04505
1252	Shell-Thin	SLE-ENVE	Min	0	0	0	-56,3359	-	-5,7052	28,52	0,01009
								11,1579			
1252	Shell-Thin	SLE-ENVE	Min	0	0	0	-63,1734	-	-5,667	29,41	0,01009
								11,8106			
1252	Shell-Thin	SLE-ENVE	Min	0	0	0	-36,4121	-7,1151	-3,8689	29,41	-
											0,04505
1253	Shell-Thin	SLU-ENVE	Max	0	0	0	-34,594	-6,9199	-0,3091	91,76	12,68
1253	Shell-Thin	SLU-ENVE	Max	0	0	0	-54,871	-	-0,2256	91,76	21,58
								10,9856			
1253	Shell-Thin	SLU-ENVE	Max	0	0	0	-54,7485	-	-0,4123	107,11	21,58
								11,4612			
1253	Shell-Thin	SLU-ENVE	Max	0	0	0	-34,6414	-6,5995	-0,4958	107,11	12,68
1253	Shell-Thin	SLU-ENVE	Min	0	0	0	-58,2573	-	-7,0266	40,91	-0,89
								10,9226			
1253	Shell-Thin	SLU-ENVE	Min	0	0	0	-102,6505	-	-10,4953	40,91	0,78
								19,4707			
1253	Shell-Thin	SLU-ENVE	Min	0	0	0	-116,8869	-	-10,9779	40,57	0,78
								26,3108			
1253	Shell-Thin	SLU-ENVE	Min	0	0	0	-64,9306	-	-7,3946	40,57	-0,89
								12,7995			
1253	Shell-Thin	SLE-ENVE	Max	0	0	0	-24,8853	-4,9777	-0,18	55,3	6,9
1253	Shell-Thin	SLE-ENVE	Max	0	0	0	-39,6256	-7,9368	-0,1154	55,3	11,97
1253	Shell-Thin	SLE-ENVE	Max	0	0	0	-39,4051	-8,2556	-0,2434	63,85	11,97
1253	Shell-Thin	SLE-ENVE	Max	0	0	0	-24,811	-4,7336	-0,3079	63,85	6,9



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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
1253	Shell-Thin	SLE-ENVE	Min	0	0	0	-36,4073	-7,1052	-3,9077	29,74	-0,62
1253	Shell-Thin	SLE-ENVE	Min	0	0	0	-63,2242	-	-5,7977	29,74	0,51
1253	Shell-Thin	SLE-ENVE	Min	0	0	0	-71,0699	-	-6,085	29,44	0,51
1253	Shell-Thin	SLE-ENVE	Min	0	0	0	-40,0582	-7,885	-4,1392	29,44	-0,62
1255	Shell-Thin	SLU-ENVE	Max	0	0	0	-35,8296	-5,5245	-1,2461	102,98	8,97
1255	Shell-Thin	SLU-ENVE	Max	0	0	0	-52,7881	-12,996	-2,3599	102,98	-25,37
1255	Shell-Thin	SLU-ENVE	Max	0	0	0	-53,5071	2,1358	-1,5055	111,87	-25,37
1255	Shell-Thin	SLU-ENVE	Max	0	0	0	-37,3738	-3,8449	-0,3917	111,87	8,97
1255	Shell-Thin	SLU-ENVE	Min	0	0	0	-73,3775	-	-8,5013	32,33	-1,48
1255	Shell-Thin	SLU-ENVE	Min	0	0	0	-125,6787	-32,403	-14,7107	32,33	-55,91
1255	Shell-Thin	SLU-ENVE	Min	0	0	0	-139,5794	0,8071	-12,7541	30,68	-55,91
1255	Shell-Thin	SLU-ENVE	Min	0	0	0	-84,4633	-8,7363	-7,0183	30,68	-1,48
1255	Shell-Thin	SLE-ENVE	Max	0	0	0	-25,5525	-3,9501	-0,8038	60,46	4,72
1255	Shell-Thin	SLE-ENVE	Max	0	0	0	-37,8062	-9,2998	-1,5375	60,46	-18,26
1255	Shell-Thin	SLE-ENVE	Max	0	0	0	-38,1798	1,3181	-0,9693	64,84	-18,26
1255	Shell-Thin	SLE-ENVE	Max	0	0	0	-26,4826	-2,7226	-0,2356	64,84	4,72
1255	Shell-Thin	SLE-ENVE	Min	0	0	0	-44,8349	-6,7575	-4,8283	23,37	-0,99
1255	Shell-Thin	SLE-ENVE	Min	0	0	0	-75,5719	-	-8,3656	23,37	-33,87
1255	Shell-Thin	SLE-ENVE	Min	0	0	0	-83,1585	0,5642	-7,2066	22,25	-33,87
1255	Shell-Thin	SLE-ENVE	Min	0	0	0	-51,7112	-5,372	-3,9267	22,25	-0,99
1289	Shell-Thin	SLU-ENVE	Max	0	0	0	-54,0391	-	-0,3696	62,59	16,2
1289	Shell-Thin	SLU-ENVE	Max	0	0	0	-62,8226	-	-0,42	62,59	22,96
1289	Shell-Thin	SLU-ENVE	Max	0	0	0	-63,346	-	-0,43	119,58	22,96
1289	Shell-Thin	SLU-ENVE	Max	0	0	0	-54,3289	-	-0,3796	119,58	16,2
1289	Shell-Thin	SLU-ENVE	Min	0	0	0	-79,7816	-	-12,694	36,52	0,34
1289	Shell-Thin	SLU-ENVE	Min	0	0	0	-92,2351	-	-15,1552	36,52	0,66
1289	Shell-Thin	SLU-ENVE	Min	0	0	0	-114,0152	-	-15,3173	45,11	0,66
1289	Shell-Thin	SLU-ENVE	Min	0	0	0	-90,1649	-	-12,9145	45,11	0,34
1289	Shell-Thin	SLE-ENVE	Max	0	0	0	-39,2373	-7,8568	-0,1991	38,62	9,02
1289	Shell-Thin	SLE-ENVE	Max	0	0	0	-45,6324	-9,1068	-0,2285	38,62	12,79
1289	Shell-Thin	SLE-ENVE	Max	0	0	0	-45,906	-9,238	-0,2367	70,41	12,79
1289	Shell-Thin	SLE-ENVE	Max	0	0	0	-39,3477	-7,8817	-0,2073	70,41	9,02
1289	Shell-Thin	SLE-ENVE	Min	0	0	0	-50,5093	-10,214	-7,0364	27,38	0,2
1289	Shell-Thin	SLE-ENVE	Min	0	0	0	-58,1991	-	-8,4058	27,38	0,41
1289	Shell-Thin	SLE-ENVE	Min	0	0	0	-70,329	-	-8,4925	32,81	0,41
1289	Shell-Thin	SLE-ENVE	Min	0	0	0	-56,2825	-	-7,1572	32,81	0,2
1290	Shell-Thin	SLU-ENVE	Max	0	0	0	-54,3244	-	-0,4366	119,65	15,97

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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
1290	Shell-Thin	SLU-ENVE	Max	0	0	0	-63,3596	-	-0,4933	119,65	17,06
								12,8167			
1290	Shell-Thin	SLU-ENVE	Max	0	0	0	-63,5242	-	-0,392	159,8	17,06
								12,2834			
1290	Shell-Thin	SLU-ENVE	Max	0	0	0	-54,9134	-	-0,3353	159,8	15,97
								10,8864			
1290	Shell-Thin	SLU-ENVE	Min	0	0	0	-90,1642	-17,828	-13,3227	44,99	0,31
1290	Shell-Thin	SLU-ENVE	Min	0	0	0	-114,0165	-	-15,9395	44,99	-0,87
								23,3151			
1290	Shell-Thin	SLU-ENVE	Min	0	0	0	-134,5648	-	-16,1325	42,87	-0,87
								25,0786			
1290	Shell-Thin	SLU-ENVE	Min	0	0	0	-102,6814	-19,048	-13,4608	42,87	0,31
1290	Shell-Thin	SLE-ENVE	Max	0	0	0	-39,3445	-7,8655	-0,2479	70,43	8,88
1290	Shell-Thin	SLE-ENVE	Max	0	0	0	-45,9156	-9,2861	-0,2813	70,43	9,42
1290	Shell-Thin	SLE-ENVE	Max	0	0	0	-45,9247	-8,8851	-0,214	92,73	9,42
1290	Shell-Thin	SLE-ENVE	Max	0	0	0	-39,6564	-7,8669	-0,1806	92,73	8,88
1290	Shell-Thin	SLE-ENVE	Min	0	0	0	-56,2817	-	-7,3868	32,72	0,17
								11,1471			
1290	Shell-Thin	SLE-ENVE	Min	0	0	0	-70,3304	-	-8,8358	32,72	-0,63
								14,3583			
1290	Shell-Thin	SLE-ENVE	Min	0	0	0	-81,752	-	-8,9311	31,21	-0,63
								15,3078			
1290	Shell-Thin	SLE-ENVE	Min	0	0	0	-63,2448	-	-7,4488	31,21	0,17
								11,8249			
1291	Shell-Thin	SLU-ENVE	Max	0	0	0	-54,9358	-	0,0077	162,22	26,77
								10,9986			
1291	Shell-Thin	SLU-ENVE	Max	0	0	0	-63,4605	-	-0,0762	162,22	47,48
								11,9649			
1291	Shell-Thin	SLU-ENVE	Max	0	0	0	-65,8252	-	-0,5548	213,09	47,48
								15,3175			
1291	Shell-Thin	SLU-ENVE	Max	0	0	0	-54,5622	-	-0,4709	213,09	26,77
								11,4239			
1291	Shell-Thin	SLU-ENVE	Min	0	0	0	-102,7708	-	-13,0609	43,56	1,27
								19,4948			
1291	Shell-Thin	SLU-ENVE	Min	0	0	0	-134,3112	-23,811	-15,7191	43,56	7,22
1291	Shell-Thin	SLU-ENVE	Min	0	0	0	-157,8827	-	-17,9764	57,25	7,22
								40,8358			
1291	Shell-Thin	SLU-ENVE	Min	0	0	0	-116,1681	-26,167	-15,2906	57,25	1,27
1291	Shell-Thin	SLE-ENVE	Max	0	0	0	-39,6722	-7,9462	0,0512	94,1	14,9
1291	Shell-Thin	SLE-ENVE	Max	0	0	0	-45,8792	-8,6577	-	94,1	26,74
								0,0009972			
1291	Shell-Thin	SLE-ENVE	Max	0	0	0	-47,4331	-	-0,3284	123,25	26,74
								11,0197			
1291	Shell-Thin	SLE-ENVE	Max	0	0	0	-39,2734	-8,2292	-0,2763	123,25	14,9
1291	Shell-Thin	SLE-ENVE	Min	0	0	0	-63,2956	-	-7,1887	31,69	0,83
								12,0788			
1291	Shell-Thin	SLE-ENVE	Min	0	0	0	-81,6071	-	-8,6738	31,69	4,98
								14,5834			
1291	Shell-Thin	SLE-ENVE	Min	0	0	0	-94,8013	-	-9,9447	41,45	4,98
								24,2291			
1291	Shell-Thin	SLE-ENVE	Min	0	0	0	-70,6605	-15,803	-8,4543	41,45	0,83
1293	Shell-Thin	SLU-ENVE	Max	0	0	0	-52,0706	-	-1,6718	343,83	-31,97
								12,8525			

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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
1293	Shell-Thin	SLU-ENVE	Max	0	0	0	-69,9071	-	-0,5248	343,83	-45,28
								19,2799			
1293	Shell-Thin	SLU-ENVE	Max	0	0	0	-49,1223	1,1142	-2,5624	159,41	-45,28
1293	Shell-Thin	SLU-ENVE	Max	0	0	0	-54,244	1,7088	-3,7095	159,41	-31,97
1293	Shell-Thin	SLU-ENVE	Min	0	0	0	-123,4388	-31,955	-17,1433	92,99	-58,79
1293	Shell-Thin	SLU-ENVE	Min	0	0	0	-190,7153	-	-18,7326	92,99	-110,97
								58,3433			
1293	Shell-Thin	SLU-ENVE	Min	0	0	0	-172,5264	0,7024	-22,4588	-25,86	-110,97
1293	Shell-Thin	SLU-ENVE	Min	0	0	0	-142,1341	0,6598	-20,8695	-25,86	-58,79
1293	Shell-Thin	SLE-ENVE	Max	0	0	0	-37,2966	-9,1979	-1,0798	199,84	-23,12
1293	Shell-Thin	SLE-ENVE	Max	0	0	0	-50,1598	-	-0,319	199,84	-32,7
								13,7962			
1293	Shell-Thin	SLE-ENVE	Max	0	0	0	-34,8107	0,7368	-1,6789	83,43	-32,7
1293	Shell-Thin	SLE-ENVE	Max	0	0	0	-38,6941	1,058	-2,4397	83,43	-23,12
1293	Shell-Thin	SLE-ENVE	Min	0	0	0	-74,2581	-	-9,5886	67,04	-36,43
								19,1256			
1293	Shell-Thin	SLE-ENVE	Min	0	0	0	-113,3216	-	-10,2973	67,04	-66,55
								34,3126			
1293	Shell-Thin	SLE-ENVE	Min	0	0	0	-100,4292	0,5523	-12,5602	-16,7	-66,55
1293	Shell-Thin	SLE-ENVE	Min	0	0	0	-84,648	0,4614	-11,8514	-16,7	-36,43
1327	Shell-Thin	SLU-ENVE	Max	0	0	0	-62,8242	-	-0,511	-44,53	22,51
								12,5372			
1327	Shell-Thin	SLU-ENVE	Max	0	0	0	-41,9603	-9,9013	-0,5804	-44,53	14,09
1327	Shell-Thin	SLU-ENVE	Max	0	0	0	-44,326	-9,1952	-0,5612	-45,51	14,09
1327	Shell-Thin	SLU-ENVE	Max	0	0	0	-63,3413	-12,748	-0,4918	-45,51	22,51
1327	Shell-Thin	SLU-ENVE	Min	0	0	0	-92,2802	-	-18,8373	-107,84	0,63
								18,2563			
1327	Shell-Thin	SLU-ENVE	Min	0	0	0	-59,5355	-	-22,56	-107,84	0,28
								13,5057			
1327	Shell-Thin	SLU-ENVE	Min	0	0	0	-68,7752	-	-23,2139	-149,44	0,28
								14,3452			
1327	Shell-Thin	SLU-ENVE	Min	0	0	0	-113,9995	-	-19,4912	-149,44	0,63
								23,3051			
1327	Shell-Thin	SLE-ENVE	Max	0	0	0	-45,6336	-9,107	-0,2843	-31,12	12,54
1327	Shell-Thin	SLE-ENVE	Max	0	0	0	-32,3301	-7,2647	-0,325	-31,12	7,83
1327	Shell-Thin	SLE-ENVE	Max	0	0	0	-33,6469	-6,9098	-0,3129	-31,73	7,83
1327	Shell-Thin	SLE-ENVE	Max	0	0	0	-45,9025	-9,2373	-0,2722	-31,73	12,54
1327	Shell-Thin	SLE-ENVE	Min	0	0	0	-58,2242	-	-10,4572	-61,07	0,4
								11,5323			
1327	Shell-Thin	SLE-ENVE	Min	0	0	0	-39,6888	-8,8219	-12,5292	-61,07	0,16
1327	Shell-Thin	SLE-ENVE	Min	0	0	0	-44,8246	-9,2844	-12,8871	-84,27	0,16
1327	Shell-Thin	SLE-ENVE	Min	0	0	0	-70,3199	-	-10,8152	-84,27	0,4
								14,3493			
1328	Shell-Thin	SLU-ENVE	Max	0	0	0	-63,3548	-	-0,443	-45,35	16,36
								12,8158			
1328	Shell-Thin	SLU-ENVE	Max	0	0	0	-44,3147	-9,1386	-0,5079	-45,35	15,89
1328	Shell-Thin	SLU-ENVE	Max	0	0	0	-47,7204	-8,3036	-0,6015	-44,58	15,89
1328	Shell-Thin	SLU-ENVE	Max	0	0	0	-63,5394	-	-0,5367	-44,58	16,36
								12,2864			
1328	Shell-Thin	SLU-ENVE	Min	0	0	0	-114,0009	-	-19,6481	-149,67	-0,93
								23,3119			
1328	Shell-Thin	SLU-ENVE	Min	0	0	0	-68,753	-	-23,4935	-149,67	0,46
								14,2346			

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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
1328	Shell-Thin	SLU-ENVE	Min	0	0	0	-79,5865	-	-24,0695	-182,2	0,46
								15,7698			
1328	Shell-Thin	SLU-ENVE	Min	0	0	0	-134,5915	-25,084	-20,2242	-182,2	-0,93
1328	Shell-Thin	SLE-ENVE	Max	0	0	0	-45,9121	-9,2854	-0,2403	-31,62	9,04
1328	Shell-Thin	SLE-ENVE	Max	0	0	0	-33,6396	-6,8737	-0,2776	-31,62	8,82
1328	Shell-Thin	SLE-ENVE	Max	0	0	0	-35,5533	-6,4161	-0,3429	-31	8,82
1328	Shell-Thin	SLE-ENVE	Max	0	0	0	-45,9354	-8,8872	-0,3056	-31	9,04
1328	Shell-Thin	SLE-ENVE	Min	0	0	0	-70,3214	-	-10,8945	-84,4	-0,67
								14,3565			
1328	Shell-Thin	SLE-ENVE	Min	0	0	0	-44,8119	-9,2207	-13,0325	-84,4	0,28
1328	Shell-Thin	SLE-ENVE	Min	0	0	0	-50,8298	-	-13,3485	-102,49	0,28
								10,0674			
1328	Shell-Thin	SLE-ENVE	Min	0	0	0	-81,7675	-15,311	-11,2105	-102,49	-0,67
1329	Shell-Thin	SLU-ENVE	Max	0	0	0	-63,4757	-11,968	-0,7802	-45,26	45,68
1329	Shell-Thin	SLU-ENVE	Max	0	0	0	-47,7741	-8,5721	-0,8713	-45,26	17,79
1329	Shell-Thin	SLU-ENVE	Max	0	0	0	-49,4124	-	-0,4436	-55,3	17,79
								10,0523			
1329	Shell-Thin	SLU-ENVE	Max	0	0	0	-65,7726	-15,307	-0,3525	-55,3	45,68
1329	Shell-Thin	SLU-ENVE	Min	0	0	0	-134,338	-	-21,4085	-185,15	7,07
								23,8164			
1329	Shell-Thin	SLU-ENVE	Min	0	0	0	-79,6842	-	-24,9239	-185,15	-
								16,2581			0,05357
1329	Shell-Thin	SLU-ENVE	Min	0	0	0	-88,453	-	-23,4372	-233,78	-
								19,2956			0,05357
1329	Shell-Thin	SLU-ENVE	Min	0	0	0	-157,6963	-	-19,9218	-233,78	7,07
								40,7986			
1329	Shell-Thin	SLE-ENVE	Max	0	0	0	-45,8899	-8,6598	-0,473	-31,5	25,74
1329	Shell-Thin	SLE-ENVE	Max	0	0	0	-35,5863	-6,5814	-0,5289	-31,5	9,78
1329	Shell-Thin	SLE-ENVE	Max	0	0	0	-36,0019	-7,2937	-0,241	-38,55	9,78
1329	Shell-Thin	SLE-ENVE	Max	0	0	0	-47,3954	-	-0,1851	-38,55	25,74
								11,0121			
1329	Shell-Thin	SLE-ENVE	Min	0	0	0	-81,6226	-	-11,8724	-104,2	4,89
								14,5865			
1329	Shell-Thin	SLE-ENVE	Min	0	0	0	-50,8852	-	-13,8209	-104,2	-
								10,3444			0,05617
1329	Shell-Thin	SLE-ENVE	Min	0	0	0	-55,6541	-	-12,9503	-131,87	-
								11,9871			0,05617
1329	Shell-Thin	SLE-ENVE	Min	0	0	0	-94,694	-	-11,0019	-131,87	4,89
								24,2077			
1331	Shell-Thin	SLU-ENVE	Max	0	0	0	-69,728	-	0,6414	-79,22	-44,5
								19,2441			
1331	Shell-Thin	SLU-ENVE	Max	0	0	0	-46,8238	-9,502	2,1336	-79,22	-22
1331	Shell-Thin	SLU-ENVE	Max	0	0	0	-51,0886	-0,5354	3,7861	8,36	-22
1331	Shell-Thin	SLU-ENVE	Max	0	0	0	-49,3068	1,1127	2,2939	8,36	-44,5
1331	Shell-Thin	SLU-ENVE	Min	0	0	0	-190,3932	-	-20,6214	-327,95	-111,85
								58,2789			
1331	Shell-Thin	SLU-ENVE	Min	0	0	0	-92,3243	-	-22,7022	-327,95	-35,95
								22,5563			
1331	Shell-Thin	SLU-ENVE	Min	0	0	0	-110,6623	-1,1114	-22,1777	-207,29	-35,95
1331	Shell-Thin	SLU-ENVE	Min	0	0	0	-172,5343	0,6699	-20,0969	-207,29	-111,85
1331	Shell-Thin	SLE-ENVE	Max	0	0	0	-50,0288	-13,77	0,4582	-55,56	-32,09
1331	Shell-Thin	SLE-ENVE	Max	0	0	0	-34,0124	-6,8303	1,4493	-55,56	-16,17
1331	Shell-Thin	SLE-ENVE	Max	0	0	0	-36,9961	-0,3885	2,5369	4,65	-16,17

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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
1331	Shell-Thin	SLE-ENVE	Max	0	0	0	-34,9488	0,7307	1,5458	4,65	-32,09
1331	Shell-Thin	SLE-ENVE	Min	0	0	0	-113,1215	-	-11,1773	-186,85	-66,89
1331	Shell-Thin	SLE-ENVE	Min	0	0	0	-57,3954	-	-12,1131	-186,85	-22,81
1331	Shell-Thin	SLE-ENVE	Min	0	0	0	-67,9498	-0,6785	-11,567	-109,46	-22,81
1331	Shell-Thin	SLE-ENVE	Min	0	0	0	-100,4598	0,5271	-10,6313	-109,46	-66,89
1365	Shell-Thin	SLU-ENVE	Max	0	0	0	-41,8644	-9,9001	-0,6282	-38,64	5,89
1365	Shell-Thin	SLU-ENVE	Max	0	0	0	-5,7163	-6,0345	-0,6605	-38,64	0,09972
1365	Shell-Thin	SLU-ENVE	Max	0	0	0	1,7782	-0,7684	-0,6534	-39,11	0,09972
1365	Shell-Thin	SLU-ENVE	Max	0	0	0	-44,3771	-9,2054	-0,6211	-39,11	5,89
1365	Shell-Thin	SLU-ENVE	Min	0	0	0	-59,4975	-	-25,3242	-104,03	-4,37
1365	Shell-Thin	SLU-ENVE	Min	0	0	0	-35,0386	-7,3329	-27,4086	-104,03	-14,53
1365	Shell-Thin	SLU-ENVE	Min	0	0	0	-35,0145	-6,9757	-28,5309	-122,63	-14,53
1365	Shell-Thin	SLU-ENVE	Min	0	0	0	-68,8472	-	-26,4466	-122,63	-4,37
1365	Shell-Thin	SLE-ENVE	Max	0	0	0	-32,276	-7,2639	-0,351	-26,86	3,26
1365	Shell-Thin	SLE-ENVE	Max	0	0	0	-9,4339	-4,5388	-0,3677	-26,86	0,03123
1365	Shell-Thin	SLE-ENVE	Max	0	0	0	-5,5273	-1,7169	-0,3636	-27,11	0,03123
1365	Shell-Thin	SLE-ENVE	Max	0	0	0	-33,6775	-6,9159	-0,3469	-27,11	3,26
1365	Shell-Thin	SLE-ENVE	Min	0	0	0	-39,6672	-8,8176	-14,0668	-59,23	-2,44
1365	Shell-Thin	SLE-ENVE	Min	0	0	0	-22,8734	-5,3748	-15,2235	-59,23	-8,1
1365	Shell-Thin	SLE-ENVE	Min	0	0	0	-22,8526	-4,5565	-15,8406	-69,61	-8,1
1365	Shell-Thin	SLE-ENVE	Min	0	0	0	-44,8654	-9,2925	-14,6839	-69,61	-2,44
1366	Shell-Thin	SLU-ENVE	Max	0	0	0	-44,3658	-9,1488	-0,631	-39,09	7,26
1366	Shell-Thin	SLU-ENVE	Max	0	0	0	1,7558	-0,8802	-0,6326	-39,09	0,38
1366	Shell-Thin	SLU-ENVE	Max	0	0	0	9,0966	4,5909	-0,6184	-40,11	0,38
1366	Shell-Thin	SLU-ENVE	Max	0	0	0	-47,6586	-8,2912	-0,6167	-40,11	7,26
1366	Shell-Thin	SLU-ENVE	Min	0	0	0	-68,825	-14,249	-26,9802	-124,47	-2,87
1366	Shell-Thin	SLU-ENVE	Min	0	0	0	-35,0147	-6,9769	-29,1371	-124,47	-12,1
1366	Shell-Thin	SLU-ENVE	Min	0	0	0	-34,7778	-6,8941	-29,3328	-146,15	-12,1
1366	Shell-Thin	SLU-ENVE	Min	0	0	0	-79,336	-	-27,1759	-146,15	-2,87
1366	Shell-Thin	SLE-ENVE	Max	0	0	0	-33,6703	-6,8798	-0,3547	-27,11	4
1366	Shell-Thin	SLE-ENVE	Max	0	0	0	-5,5398	-1,7792	-0,3509	-27,11	0,13
1366	Shell-Thin	SLE-ENVE	Max	0	0	0	-1,414	1,2937	-0,3432	-27,73	0,13
1366	Shell-Thin	SLE-ENVE	Max	0	0	0	-35,5085	-6,4072	-0,347	-27,73	4
1366	Shell-Thin	SLE-ENVE	Min	0	0	0	-44,8526	-9,2289	-14,9737	-70,64	-1,6
1366	Shell-Thin	SLE-ENVE	Min	0	0	0	-22,8527	-4,5574	-16,1653	-70,64	-6,8
1366	Shell-Thin	SLE-ENVE	Min	0	0	0	-22,6888	-4,5052	-16,2591	-82,75	-6,8
1366	Shell-Thin	SLE-ENVE	Min	0	0	0	-50,6861	-	-15,0674	-82,75	-1,6
1367	Shell-Thin	SLU-ENVE	Max	0	0	0	-47,7123	-8,5597	-0,6048	-40,49	9,86
1367	Shell-Thin	SLU-ENVE	Max	0	0	0	9,1154	4,6852	-0,4784	-40,49	6,53
1367	Shell-Thin	SLU-ENVE	Max	0	0	0	12,2572	1,1416	-0,2759	-39,82	6,53
1367	Shell-Thin	SLU-ENVE	Max	0	0	0	-49,6155	-	-0,4023	-39,82	9,86
1367	Shell-Thin	SLU-ENVE	Min	0	0	0	-79,4336	-16,208	-27,2065	-147,59	-0,49
1367	Shell-Thin	SLU-ENVE	Min	0	0	0	-34,7744	-6,8771	-28,8914	-147,59	-1,43
1367	Shell-Thin	SLU-ENVE	Min	0	0	0	-34,6122	-6,2873	-28,4785	-169,01	-1,43

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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
1367	Shell-Thin	SLU-ENVE	Min	0	0	0	-89,2462	-	-26,7937	-169,01	-0,49
								19,4543			
1367	Shell-Thin	SLE-ENVE	Max	0	0	0	-35,5415	-6,5724	-0,3413	-28,02	5,36
1367	Shell-Thin	SLE-ENVE	Max	0	0	0	-1,4031	1,3481	-0,2514	-28,02	3,32
1367	Shell-Thin	SLE-ENVE	Max	0	0	0	0,3835	-0,4916	-0,1186	-27,41	3,32
1367	Shell-Thin	SLE-ENVE	Max	0	0	0	-36,147	-7,3228	-0,2084	-27,41	5,36
1367	Shell-Thin	SLE-ENVE	Min	0	0	0	-50,7415	-	-15,066	-83,61	-0,34
								10,3156			
1367	Shell-Thin	SLE-ENVE	Min	0	0	0	-22,6865	-4,4936	-15,9819	-83,61	-0,95
1367	Shell-Thin	SLE-ENVE	Min	0	0	0	-22,5772	-4,107	-15,7085	-95,43	-0,95
1367	Shell-Thin	SLE-ENVE	Min	0	0	0	-56,1071	-	-14,7926	-95,43	-0,34
								12,0778			
1369	Shell-Thin	SLU-ENVE	Max	0	0	0	-47,7035	-9,6779	1,8635	-34,5	-16,27
1369	Shell-Thin	SLU-ENVE	Max	0	0	0	17,3639	4,5234	0,5815	-34,5	9,37
1369	Shell-Thin	SLU-ENVE	Max	0	0	0	23,1403	0,2892	0,5176	-37,84	9,37
1369	Shell-Thin	SLU-ENVE	Max	0	0	0	-50,1557	-0,3488	1,7996	-37,84	-16,27
1369	Shell-Thin	SLU-ENVE	Min	0	0	0	-94,388	-22,969	-26,1737	-170,92	-37,13
1369	Shell-Thin	SLU-ENVE	Min	0	0	0	-35,0366	-3,9462	-29,7936	-170,92	-5,39
1369	Shell-Thin	SLU-ENVE	Min	0	0	0	-35,8708	0,0332	-33,2991	-204,48	-5,39
1369	Shell-Thin	SLU-ENVE	Min	0	0	0	-109,0377	-0,7864	-29,6793	-204,48	-37,13
1369	Shell-Thin	SLE-ENVE	Max	0	0	0	-34,6491	-6,9577	1,2729	-23,48	-11,72
1369	Shell-Thin	SLE-ENVE	Max	0	0	0	3,1551	1,8141	0,4276	-23,48	4,2
1369	Shell-Thin	SLE-ENVE	Max	0	0	0	6,202	0,1637	0,3688	-25,76	4,2
1369	Shell-Thin	SLE-ENVE	Max	0	0	0	-36,3177	-0,2529	1,214	-25,76	-11,72
1369	Shell-Thin	SLE-ENVE	Min	0	0	0	-58,6412	-	-14,044	-95,84	-22,54
								13,8926			
1369	Shell-Thin	SLE-ENVE	Min	0	0	0	-22,8521	-2,5782	-16,1919	-95,84	-3,5
1369	Shell-Thin	SLE-ENVE	Min	0	0	0	-23,3809	0,0236	-18,0511	-114,45	-3,5
1369	Shell-Thin	SLE-ENVE	Min	0	0	0	-66,9304	-0,4747	-15,9033	-114,45	-22,54
1403	Shell-Thin	SLU-ENVE	Max	0	0	0	-5,7099	-6,0349	-0,6626	-31,11	-
											0,07327
1403	Shell-Thin	SLU-ENVE	Max	0	0	0	38,2511	-2,9091	-0,6272	-31,11	-0,24
1403	Shell-Thin	SLU-ENVE	Max	0	0	0	50,5892	7,2195	-0,6002	-31,44	-0,24
1403	Shell-Thin	SLU-ENVE	Max	0	0	0	1,8193	-0,7601	-0,6357	-31,44	-
											0,07327
1403	Shell-Thin	SLU-ENVE	Min	0	0	0	-35,041	-7,33	-27,5393	-86,48	-18,66
1403	Shell-Thin	SLU-ENVE	Min	0	0	0	-19,1599	-4,0657	-25,579	-86,48	-25,37
1403	Shell-Thin	SLU-ENVE	Min	0	0	0	-18,9998	-3,677	-26,929	-111,16	-25,37
1403	Shell-Thin	SLU-ENVE	Min	0	0	0	-35,0027	-6,9733	-28,8892	-111,16	-18,66
1403	Shell-Thin	SLE-ENVE	Max	0	0	0	-9,4227	-4,5391	-0,3669	-21,42	-
											0,07301
1403	Shell-Thin	SLE-ENVE	Max	0	0	0	16,222	-2,3361	-0,3435	-21,42	-0,19
1403	Shell-Thin	SLE-ENVE	Max	0	0	0	23,0925	3,0692	-0,3261	-21,56	-0,19
1403	Shell-Thin	SLE-ENVE	Max	0	0	0	-5,503	-1,7121	-0,3495	-21,56	-
											0,07301
1403	Shell-Thin	SLE-ENVE	Min	0	0	0	-22,875	-5,3741	-15,2935	-49,81	-10,41
1403	Shell-Thin	SLE-ENVE	Min	0	0	0	-12,1805	-3,1378	-14,2004	-49,81	-14,18
1403	Shell-Thin	SLE-ENVE	Min	0	0	0	-12,0812	-2,3409	-14,9411	-63,52	-14,18
1403	Shell-Thin	SLE-ENVE	Min	0	0	0	-22,8445	-4,5549	-16,0343	-63,52	-10,41
1404	Shell-Thin	SLU-ENVE	Max	0	0	0	1,797	-0,872	-0,6035	-31,53	-0,15
1404	Shell-Thin	SLU-ENVE	Max	0	0	0	50,5843	7,1951	-0,5436	-31,53	-0,52

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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
1404	Shell-Thin	SLU-ENVE	Max	0	0	0	63,0794	15,9105	-0,4617	-31,65	-0,52
1404	Shell-Thin	SLU-ENVE	Max	0	0	0	9,0099	4,5736	-0,5216	-31,65	-0,15
1404	Shell-Thin	SLU-ENVE	Min	0	0	0	-35,0029	-6,9745	-29,4706	-114,51	-16,51
1404	Shell-Thin	SLU-ENVE	Min	0	0	0	-19,0005	-3,6805	-27,301	-114,51	-21,77
1404	Shell-Thin	SLU-ENVE	Min	0	0	0	-18,8209	-3,4031	-26,9576	-139,27	-21,77
1404	Shell-Thin	SLU-ENVE	Min	0	0	0	-34,8257	-6,9036	-29,1271	-139,27	-16,51
1404	Shell-Thin	SLE-ENVE	Max	0	0	0	-5,5155	-1,7744	-0,3292	-21,63	-0,15
1404	Shell-Thin	SLE-ENVE	Max	0	0	0	23,0897	3,055	-0,2892	-21,63	-0,42
1404	Shell-Thin	SLE-ENVE	Max	0	0	0	30,0474	7,9767	-0,2359	-21,61	-0,42
1404	Shell-Thin	SLE-ENVE	Max	0	0	0	-1,4691	1,2827	-0,2758	-21,61	-0,15
1404	Shell-Thin	SLE-ENVE	Min	0	0	0	-22,8447	-4,5558	-16,3443	-65,4	-9,25
1404	Shell-Thin	SLE-ENVE	Min	0	0	0	-12,0817	-2,3432	-15,134	-65,4	-12,26
1404	Shell-Thin	SLE-ENVE	Min	0	0	0	-11,9689	-2,1651	-14,9227	-79,12	-12,26
1404	Shell-Thin	SLE-ENVE	Min	0	0	0	-22,7214	-4,5117	-16,133	-79,12	-9,25
1405	Shell-Thin	SLU-ENVE	Max	0	0	0	9,0288	4,6679	-0,3881	-31,71	2,13
1405	Shell-Thin	SLU-ENVE	Max	0	0	0	63,0721	15,8738	-0,3651	-31,71	-1,06
1405	Shell-Thin	SLU-ENVE	Max	0	0	0	73,2474	13,8517	-0,2302	-31,4	-1,06
1405	Shell-Thin	SLU-ENVE	Max	0	0	0	12,5139	1,193	-0,2532	-31,4	2,13
1405	Shell-Thin	SLU-ENVE	Min	0	0	0	-34,8223	-6,8867	-28,4114	-139,54	-3,58
1405	Shell-Thin	SLU-ENVE	Min	0	0	0	-18,824	-3,4185	-25,8613	-139,54	-3,21
1405	Shell-Thin	SLU-ENVE	Min	0	0	0	-18,7614	-2,7382	-25,36	-156,87	-3,21
1405	Shell-Thin	SLU-ENVE	Min	0	0	0	-34,5148	-6,2679	-27,91	-156,87	-3,58
1405	Shell-Thin	SLE-ENVE	Max	0	0	0	-1,4582	1,3371	-0,1889	-21,67	0,92
1405	Shell-Thin	SLE-ENVE	Max	0	0	0	30,0429	7,9543	-0,1728	-21,67	-0,88
1405	Shell-Thin	SLE-ENVE	Max	0	0	0	35,6877	6,9958	-0,0855	-21,33	-0,88
1405	Shell-Thin	SLE-ENVE	Max	0	0	0	0,538	-0,4607	-0,1015	-21,33	0,92
1405	Shell-Thin	SLE-ENVE	Min	0	0	0	-22,7191	-4,5001	-15,703	-79,31	-2,24
1405	Shell-Thin	SLE-ENVE	Min	0	0	0	-11,9709	-2,1752	-14,2898	-79,31	-2,1
1405	Shell-Thin	SLE-ENVE	Min	0	0	0	-11,9335	-1,7344	-13,9741	-88,82	-2,1
1405	Shell-Thin	SLE-ENVE	Min	0	0	0	-22,5101	-4,0936	-15,3873	-88,82	-2,24
1407	Shell-Thin	SLU-ENVE	Max	0	0	0	18,3589	4,7224	0,0663	-29,03	4,17
1407	Shell-Thin	SLU-ENVE	Max	0	0	0	82,8851	13,0474	-0,575	-29,03	21,2
1407	Shell-Thin	SLU-ENVE	Max	0	0	0	92,9243	0,2947	-1,3866	-31,71	21,2
1407	Shell-Thin	SLU-ENVE	Max	0	0	0	21,8804	0,0372	-0,7454	-31,71	4,17
1407	Shell-Thin	SLU-ENVE	Min	0	0	0	-34,5646	-3,8518	-29,5817	-163,91	-7,43
1407	Shell-Thin	SLU-ENVE	Min	0	0	0	-19,1612	-1,3881	-27,4273	-163,91	-1,55
1407	Shell-Thin	SLU-ENVE	Min	0	0	0	-19,4921	0,03	-31,9945	-187,98	-1,55
1407	Shell-Thin	SLU-ENVE	Min	0	0	0	-36,267	-0,2435	-34,149	-187,98	-7,43
1407	Shell-Thin	SLE-ENVE	Max	0	0	0	3,776	1,9383	0,0928	-19,58	1,2
1407	Shell-Thin	SLE-ENVE	Max	0	0	0	40,9608	6,844	-0,3207	-19,58	11,2
1407	Shell-Thin	SLE-ENVE	Max	0	0	0	46,4072	0,1627	-0,8671	-21,41	11,2
1407	Shell-Thin	SLE-ENVE	Max	0	0	0	5,449	0,0131	-0,4537	-21,41	1,2
1407	Shell-Thin	SLE-ENVE	Min	0	0	0	-22,5346	-2,514	-16,1484	-92,47	-4,89
1407	Shell-Thin	SLE-ENVE	Min	0	0	0	-12,1961	-0,8622	-15,0673	-92,47	-0,94
1407	Shell-Thin	SLE-ENVE	Min	0	0	0	-12,3955	0,0211	-17,6276	-106,03	-0,94
1407	Shell-Thin	SLE-ENVE	Min	0	0	0	-23,6476	-0,1418	-18,7087	-106,03	-4,89
1441	Shell-Thin	SLU-ENVE	Max	0	0	0	38,3587	-2,9092	-0,5789	-23,56	-0,33
1441	Shell-Thin	SLU-ENVE	Max	0	0	0	67,6707	-0,5179	-0,5163	-23,56	-0,51
1441	Shell-Thin	SLU-ENVE	Max	0	0	0	89,3205	14,4331	-0,4777	-23,77	-0,51
1441	Shell-Thin	SLU-ENVE	Max	0	0	0	50,5889	7,2194	-0,5404	-23,77	-0,33

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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
1441	Shell-Thin	SLU-ENVE	Min	0	0	0	-19,1607	-4,0805	-21,6294	-58,9	-33,28
1441	Shell-Thin	SLU-ENVE	Min	0	0	0	-7,0902	-2,0874	-16,578	-58,9	-44,36
1441	Shell-Thin	SLU-ENVE	Min	0	0	0	-6,8851	-1,1265	-17,5565	-75,5	-44,36
1441	Shell-Thin	SLU-ENVE	Min	0	0	0	-19,004	-3,6779	-22,613	-75,5	-33,28
1441	Shell-Thin	SLE-ENVE	Max	0	0	0	16,2815	-2,3362	-0,3141	-15,97	-0,21
1441	Shell-Thin	SLE-ENVE	Max	0	0	0	33,5974	-0,6629	-0,2773	-15,97	-0,31
1441	Shell-Thin	SLE-ENVE	Max	0	0	0	45,6315	7,3084	-0,2519	-16,01	-0,31
1441	Shell-Thin	SLE-ENVE	Max	0	0	0	23,0918	3,0691	-0,2887	-16,01	-0,21
1441	Shell-Thin	SLE-ENVE	Min	0	0	0	-12,1809	-3,146	-12,0027	-34,22	-18,57
1441	Shell-Thin	SLE-ENVE	Min	0	0	0	-4,2215	-1,7647	-9,197	-34,22	-24,74
1441	Shell-Thin	SLE-ENVE	Min	0	0	0	-4,1045	-0,6622	-9,7323	-44	-24,74
1441	Shell-Thin	SLE-ENVE	Min	0	0	0	-12,084	-2,3415	-12,5404	-44	-18,57
1442	Shell-Thin	SLU-ENVE	Max	0	0	0	50,584	7,195	-0,4799	-23,8	-0,54
1442	Shell-Thin	SLU-ENVE	Max	0	0	0	89,2939	14,3004	-0,4347	-23,8	-0,58
1442	Shell-Thin	SLU-ENVE	Max	0	0	0	110,8337	28,0069	-0,3762	-23,86	-0,58
1442	Shell-Thin	SLU-ENVE	Max	0	0	0	62,9678	15,8882	-0,4214	-23,86	-0,54
1442	Shell-Thin	SLU-ENVE	Min	0	0	0	-19,0047	-3,6814	-22,9724	-78,22	-29,65
1442	Shell-Thin	SLU-ENVE	Min	0	0	0	-6,8856	-1,1287	-17,7149	-78,22	-39,68
1442	Shell-Thin	SLU-ENVE	Min	0	0	0	-6,7343	-0,834	-17,3629	-96,53	-39,68
1442	Shell-Thin	SLU-ENVE	Min	0	0	0	-18,8245	-3,4038	-22,5747	-96,53	-29,65
1442	Shell-Thin	SLE-ENVE	Max	0	0	0	23,0889	3,0549	-0,2492	-16,04	-0,41
1442	Shell-Thin	SLE-ENVE	Max	0	0	0	45,6166	7,2341	-0,2236	-16,04	-0,43
1442	Shell-Thin	SLE-ENVE	Max	0	0	0	57,5787	14,936	-0,1854	-15,97	-0,43
1442	Shell-Thin	SLE-ENVE	Max	0	0	0	29,9845	7,9642	-0,211	-15,97	-0,41
1442	Shell-Thin	SLE-ENVE	Min	0	0	0	-12,0845	-2,3438	-12,7258	-45,52	-16,63
1442	Shell-Thin	SLE-ENVE	Min	0	0	0	-4,1048	-0,6637	-9,812	-45,52	-22,21
1442	Shell-Thin	SLE-ENVE	Min	0	0	0	-4,0221	-0,4765	-9,6029	-55,66	-22,21
1442	Shell-Thin	SLE-ENVE	Min	0	0	0	-11,9712	-2,1655	-12,4911	-55,66	-16,63
1443	Shell-Thin	SLU-ENVE	Max	0	0	0	62,9604	15,8515	-0,3282	-23,78	-1,06
1443	Shell-Thin	SLU-ENVE	Max	0	0	0	110,8371	28,0239	-0,355	-23,78	-0,59
1443	Shell-Thin	SLU-ENVE	Max	0	0	0	126,6637	24,0777	-0,3347	-23,82	-0,59
1443	Shell-Thin	SLU-ENVE	Max	0	0	0	73,2846	13,8591	-0,308	-23,82	-1,06
1443	Shell-Thin	SLU-ENVE	Min	0	0	0	-18,8276	-3,4192	-21,5006	-96,64	-7,86
1443	Shell-Thin	SLU-ENVE	Min	0	0	0	-6,7345	-0,835	-16,6358	-96,64	-9,31
1443	Shell-Thin	SLU-ENVE	Min	0	0	0	-6,7061	-0,3954	-16,1779	-107,65	-9,31
1443	Shell-Thin	SLU-ENVE	Min	0	0	0	-18,7603	-2,7379	-21,0548	-107,65	-7,86
1443	Shell-Thin	SLE-ENVE	Max	0	0	0	29,98	7,9417	-0,1504	-15,93	-0,83
1443	Shell-Thin	SLE-ENVE	Max	0	0	0	57,5805	14,9449	-0,1712	-15,93	-0,51
1443	Shell-Thin	SLE-ENVE	Max	0	0	0	66,343	12,8984	-0,1577	-15,86	-0,51
1443	Shell-Thin	SLE-ENVE	Max	0	0	0	35,7087	7	-0,1369	-15,86	-0,83
1443	Shell-Thin	SLE-ENVE	Min	0	0	0	-11,9732	-2,1756	-11,8708	-55,72	-4,6
1443	Shell-Thin	SLE-ENVE	Min	0	0	0	-4,0222	-0,477	-9,1902	-55,72	-5,39
1443	Shell-Thin	SLE-ENVE	Min	0	0	0	-4,0177	-0,1948	-8,9209	-61,79	-5,39
1443	Shell-Thin	SLE-ENVE	Min	0	0	0	-11,9327	-1,7343	-11,6094	-61,79	-4,6
1445	Shell-Thin	SLU-ENVE	Max	0	0	0	83,4488	13,1602	-0,9469	-22,81	13,15
1445	Shell-Thin	SLU-ENVE	Max	0	0	0	143,7474	23,3548	-1,1065	-22,81	32,95
1445	Shell-Thin	SLU-ENVE	Max	0	0	0	159,939	0,3139	-1,8537	-24,2	32,95
1445	Shell-Thin	SLU-ENVE	Max	0	0	0	91,5395	0,0771	-1,6942	-24,2	13,15
1445	Shell-Thin	SLU-ENVE	Min	0	0	0	-19,0636	-1,3686	-23,4317	-114,24	-2,41
1445	Shell-Thin	SLU-ENVE	Min	0	0	0	-6,7978	0,0603	-17,8467	-114,24	0,39



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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
1445	Shell-Thin	SLU-ENVE	Min	0	0	0	-6,6998	0,0093	-21,0531	-130,45	0,39
1445	Shell-Thin	SLU-ENVE	Min	0	0	0	-19,6613	-0,0231	-26,6085	-130,45	-2,41
1445	Shell-Thin	SLE-ENVE	Max	0	0	0	41,2827	6,9084	-0,5617	-15,11	6,67
1445	Shell-Thin	SLE-ENVE	Max	0	0	0	75,7672	12,707	-0,6563	-15,11	17,93
1445	Shell-Thin	SLE-ENVE	Max	0	0	0	84,6709	0,1738	-1,1463	-16,02	17,93
1445	Shell-Thin	SLE-ENVE	Max	0	0	0	45,6242	0,0412	-1,0516	-16,02	6,67
1445	Shell-Thin	SLE-ENVE	Min	0	0	0	-12,1312	-0,8493	-12,9253	-65,33	-1,51
1445	Shell-Thin	SLE-ENVE	Min	0	0	0	-4,0841	0,0891	-9,8678	-65,33	0,33
1445	Shell-Thin	SLE-ENVE	Min	0	0	0	-4,0067	0,0079	-11,6873	-74,45	0,33
1445	Shell-Thin	SLE-ENVE	Min	0	0	0	-12,5076	-0,0132	-14,7461	-74,45	-1,51
1479	Shell-Thin	SLU-ENVE	Max	0	0	0	67,6974	-0,5182	-0,4391	-11,1	-0,55
1479	Shell-Thin	SLU-ENVE	Max	0	0	0	75,8724	1,1175	-0,3578	-11,1	-0,62
1479	Shell-Thin	SLU-ENVE	Max	0	0	0	97,624	15,9037	-0,3331	-16,28	-0,62
1479	Shell-Thin	SLU-ENVE	Max	0	0	0	89,3189	14,4328	-0,4144	-16,28	-0,55
1479	Shell-Thin	SLU-ENVE	Min	0	0	0	-7,0916	-2,0879	-10,7502	-28,43	-47,81
1479	Shell-Thin	SLU-ENVE	Min	0	0	0	1,2172	-2,5681	-3,8162	-28,43	-48,68
1479	Shell-Thin	SLU-ENVE	Min	0	0	0	1,4869	0,6195	-4,2539	-36,36	-48,68
1479	Shell-Thin	SLU-ENVE	Min	0	0	0	-6,8866	-1,1268	-11,1879	-36,36	-47,81
1479	Shell-Thin	SLE-ENVE	Max	0	0	0	33,6121	-0,6631	-0,2334	-8,71	-0,32
1479	Shell-Thin	SLE-ENVE	Max	0	0	0	39,3515	0,4643	-0,1892	-8,71	-0,37
1479	Shell-Thin	SLE-ENVE	Max	0	0	0	51,4331	8,3752	-0,1727	-10,6	-0,37
1479	Shell-Thin	SLE-ENVE	Max	0	0	0	45,6304	7,3082	-0,2169	-10,6	-0,32
1479	Shell-Thin	SLE-ENVE	Min	0	0	0	-4,2224	-1,7618	-5,9588	-16,49	-26,65
1479	Shell-Thin	SLE-ENVE	Min	0	0	0	1,0334	-1,6981	-2,1098	-16,49	-27,14
1479	Shell-Thin	SLE-ENVE	Min	0	0	0	1,1801	0,4418	-2,3487	-20,88	-27,14
1479	Shell-Thin	SLE-ENVE	Min	0	0	0	-4,1054	-0,6624	-6,1977	-20,88	-26,65
1480	Shell-Thin	SLU-ENVE	Max	0	0	0	89,2924	14,3001	-0,3724	-16,31	-0,64
1480	Shell-Thin	SLU-ENVE	Max	0	0	0	97,6104	15,8354	-0,3206	-16,31	-0,59
1480	Shell-Thin	SLU-ENVE	Max	0	0	0	119,3558	29,6922	-0,3023	-16,52	-0,59
1480	Shell-Thin	SLU-ENVE	Max	0	0	0	110,8144	28,003	-0,3542	-16,52	-0,64
1480	Shell-Thin	SLU-ENVE	Min	0	0	0	-6,887	-1,129	-11,3532	-37,78	-43,14
1480	Shell-Thin	SLU-ENVE	Min	0	0	0	1,4868	0,619	-4,19	-37,78	-43,45
1480	Shell-Thin	SLU-ENVE	Min	0	0	0	1,69	0,8652	-3,9164	-45,53	-43,45
1480	Shell-Thin	SLU-ENVE	Min	0	0	0	-6,7332	-0,8338	-11,0796	-45,53	-43,14
1480	Shell-Thin	SLE-ENVE	Max	0	0	0	45,6156	7,2339	-0,1894	-10,6	-0,43
1480	Shell-Thin	SLE-ENVE	Max	0	0	0	51,4255	8,337	-0,1642	-10,6	-0,36
1480	Shell-Thin	SLE-ENVE	Max	0	0	0	63,4918	16,1123	-0,152	-10,64	-0,36
1480	Shell-Thin	SLE-ENVE	Max	0	0	0	57,5681	14,9339	-0,1772	-10,64	-0,43
1480	Shell-Thin	SLE-ENVE	Min	0	0	0	-4,1057	-0,6639	-6,2813	-21,66	-24,12
1480	Shell-Thin	SLE-ENVE	Min	0	0	0	1,18	0,4414	-2,3119	-21,66	-24,27
1480	Shell-Thin	SLE-ENVE	Min	0	0	0	1,2847	0,5953	-2,1557	-25,96	-24,27
1480	Shell-Thin	SLE-ENVE	Min	0	0	0	-4,0214	-0,4764	-6,1251	-25,96	-24,12
1481	Shell-Thin	SLU-ENVE	Max	0	0	0	110,8178	28,02	-0,3354	-16,39	-0,71
1481	Shell-Thin	SLU-ENVE	Max	0	0	0	119,3524	29,6755	-0,3243	-16,39	-0,21
1481	Shell-Thin	SLU-ENVE	Max	0	0	0	137,0537	26,4301	-0,3784	-16,67	-0,21
1481	Shell-Thin	SLU-ENVE	Max	0	0	0	126,6742	24,0798	-0,3895	-16,67	-0,71
1481	Shell-Thin	SLU-ENVE	Min	0	0	0	-6,7334	-0,8347	-10,4603	-45,43	-10,45
1481	Shell-Thin	SLU-ENVE	Min	0	0	0	1,6904	0,8673	-3,5932	-45,43	-8,09
1481	Shell-Thin	SLU-ENVE	Min	0	0	0	1,8256	1,034	-3,3684	-51,73	-8,09
1481	Shell-Thin	SLU-ENVE	Min	0	0	0	-6,6935	-0,3929	-10,2356	-51,73	-10,45

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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
1481	Shell-Thin	SLE-ENVE	Max	0	0	0	57,5699	14,9427	-0,1646	-10,55	-0,57
1481	Shell-Thin	SLE-ENVE	Max	0	0	0	63,4899	16,1029	-0,1654	-10,55	-0,21
1481	Shell-Thin	SLE-ENVE	Max	0	0	0	73,2918	14,4102	-0,1991	-10,65	-0,21
1481	Shell-Thin	SLE-ENVE	Max	0	0	0	66,3503	12,8999	-0,1982	-10,65	-0,57
1481	Shell-Thin	SLE-ENVE	Min	0	0	0	-4,0214	-0,4768	-5,7727	-25,89	-6,01
1481	Shell-Thin	SLE-ENVE	Min	0	0	0	1,285	0,5968	-1,979	-25,89	-4,67
1481	Shell-Thin	SLE-ENVE	Min	0	0	0	1,3474	0,7045	-1,8551	-29,39	-4,67
1481	Shell-Thin	SLE-ENVE	Min	0	0	0	-4,0094	-0,1932	-5,6488	-29,39	-6,01
1483	Shell-Thin	SLU-ENVE	Max	0	0	0	143,9987	23,405	-1,1909	-16,13	29,4
1483	Shell-Thin	SLU-ENVE	Max	0	0	0	154,5538	24,21	-1,0733	-16,13	31,96
1483	Shell-Thin	SLU-ENVE	Max	0	0	0	170,6316	0,2298	-1,6424	-17,05	31,96
1483	Shell-Thin	SLU-ENVE	Max	0	0	0	159,3271	0,1916	-1,76	-17,05	29,4
1483	Shell-Thin	SLU-ENVE	Min	0	0	0	-6,7564	0,0686	-11,794	-53,57	-0,11
1483	Shell-Thin	SLU-ENVE	Min	0	0	0	1,9719	0,8994	-4,0055	-53,57	1,51
1483	Shell-Thin	SLU-ENVE	Min	0	0	0	2,3828	0,0255	-5,5603	-61,15	1,51
1483	Shell-Thin	SLU-ENVE	Min	0	0	0	-6,7898	-0,0335	-13,3488	-61,15	-0,11
1483	Shell-Thin	SLE-ENVE	Max	0	0	0	75,9123	12,7361	-0,7104	-10,25	15,91
1483	Shell-Thin	SLE-ENVE	Max	0	0	0	82,9636	13,3132	-0,6273	-10,25	17,57
1483	Shell-Thin	SLE-ENVE	Max	0	0	0	91,8494	0,128	-0,9848	-10,8	17,57
1483	Shell-Thin	SLE-ENVE	Max	0	0	0	84,3207	0,1038	-1,0678	-10,8	15,91
1483	Shell-Thin	SLE-ENVE	Min	0	0	0	-4,0573	0,0944	-6,5483	-30,38	0,00945
1483	Shell-Thin	SLE-ENVE	Min	0	0	0	1,4247	0,6154	-2,2551	-30,38	1,03
1483	Shell-Thin	SLE-ENVE	Min	0	0	0	1,6937	0,0178	-3,1443	-34,61	1,03
1483	Shell-Thin	SLE-ENVE	Min	0	0	0	-4,0645	-0,0183	-7,4375	-34,61	0,00945
1517	Shell-Thin	SLU-ENVE	Max	0	0	0	75,838	1,1174	6,1254	23,25	-0,7
1517	Shell-Thin	SLU-ENVE	Max	0	0	0	68,6523	1,9787	13,0043	23,25	-0,73
1517	Shell-Thin	SLU-ENVE	Max	0	0	0	89,6129	14,7351	13,5485	32,22	-0,73
1517	Shell-Thin	SLU-ENVE	Max	0	0	0	97,6261	15,9041	6,6696	32,22	-0,7
1517	Shell-Thin	SLU-ENVE	Min	0	0	0	1,2166	-2,5554	-0,4013	-9,2	-48,23
1517	Shell-Thin	SLU-ENVE	Min	0	0	0	5,8158	-4,677	-0,2177	-9,2	-46,81
1517	Shell-Thin	SLU-ENVE	Min	0	0	0	6,2096	1,5643	-0,217	-9,45	-46,81
1517	Shell-Thin	SLU-ENVE	Min	0	0	0	1,4869	0,6195	-0,4006	-9,45	-48,23
1517	Shell-Thin	SLE-ENVE	Max	0	0	0	39,3323	0,4642	3,413	10,75	-0,4
1517	Shell-Thin	SLE-ENVE	Max	0	0	0	35,7761	1,0323	7,2288	10,75	-0,42
1517	Shell-Thin	SLE-ENVE	Max	0	0	0	47,4149	7,8014	7,5304	15,74	-0,42
1517	Shell-Thin	SLE-ENVE	Max	0	0	0	51,4343	8,3754	3,7146	15,74	-0,4
1517	Shell-Thin	SLE-ENVE	Min	0	0	0	1,0331	-1,691	-0,2106	-5,66	-26,88
1517	Shell-Thin	SLE-ENVE	Min	0	0	0	3,6191	-2,693	-0,1137	-5,66	-26,07
1517	Shell-Thin	SLE-ENVE	Min	0	0	0	3,8315	0,9732	-0,1129	-5,87	-26,07
1517	Shell-Thin	SLE-ENVE	Min	0	0	0	1,1802	0,4418	-0,2097	-5,87	-26,88
1518	Shell-Thin	SLU-ENVE	Max	0	0	0	97,6124	15,8358	6,6742	33,79	-0,68
1518	Shell-Thin	SLU-ENVE	Max	0	0	0	89,5868	14,6049	13,789	33,79	-0,6
1518	Shell-Thin	SLU-ENVE	Max	0	0	0	110,4518	27,9204	13,5444	42,58	-0,6
1518	Shell-Thin	SLU-ENVE	Max	0	0	0	119,3993	29,7009	6,4296	42,58	-0,68
1518	Shell-Thin	SLU-ENVE	Min	0	0	0	1,4868	0,619	-0,3884	-9,42	-43,05
1518	Shell-Thin	SLU-ENVE	Min	0	0	0	6,2098	1,5649	-0,227	-9,42	-42,08
1518	Shell-Thin	SLU-ENVE	Min	0	0	0	6,5384	1,7715	-0,2324	-9,67	-42,08
1518	Shell-Thin	SLU-ENVE	Min	0	0	0	1,6921	0,8656	-0,3938	-9,67	-43,05
1518	Shell-Thin	SLE-ENVE	Max	0	0	0	51,4267	8,3372	3,718	16,62	-0,4
1518	Shell-Thin	SLE-ENVE	Max	0	0	0	47,4004	7,7289	7,6584	16,62	-0,34

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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
1518	Shell-Thin	SLE-ENVE	Max	0	0	0	58,9772	15,1856	7,5171	21,51	-0,34
1518	Shell-Thin	SLE-ENVE	Max	0	0	0	63,5163	16,1172	3,5767	21,51	-0,4
1518	Shell-Thin	SLE-ENVE	Min	0	0	0	1,1801	0,4414	-0,2014	-5,86	-24,04
1518	Shell-Thin	SLE-ENVE	Min	0	0	0	3,8316	0,9736	-0,1218	-5,86	-23,47
1518	Shell-Thin	SLE-ENVE	Min	0	0	0	4,0039	1,0986	-0,1282	-6,06	-23,47
1518	Shell-Thin	SLE-ENVE	Min	0	0	0	1,2861	0,5955	-0,2078	-6,06	-24,04
1519	Shell-Thin	SLU-ENVE	Max	0	0	0	119,3959	29,6842	6,0788	42,66	-0,39
1519	Shell-Thin	SLU-ENVE	Max	0	0	0	110,4545	27,9337	12,9193	42,66	-0,15
1519	Shell-Thin	SLU-ENVE	Max	0	0	0	125,7384	23,697	12,6326	49,82	-0,15
1519	Shell-Thin	SLU-ENVE	Max	0	0	0	137,0281	26,425	5,7921	49,82	-0,39
1519	Shell-Thin	SLU-ENVE	Min	0	0	0	1,6926	0,8677	-0,4096	-9,56	-8,44
1519	Shell-Thin	SLU-ENVE	Min	0	0	0	6,539	1,7746	-0,2518	-9,56	-8,72
1519	Shell-Thin	SLU-ENVE	Min	0	0	0	6,8237	1,7891	-0,2983	-9,86	-8,72
1519	Shell-Thin	SLU-ENVE	Min	0	0	0	1,8316	1,0352	-0,4561	-9,86	-8,44
1519	Shell-Thin	SLE-ENVE	Max	0	0	0	63,5144	16,1078	3,3762	21,58	-0,29
1519	Shell-Thin	SLE-ENVE	Max	0	0	0	58,9787	15,1928	7,1563	21,58	-0,11
1519	Shell-Thin	SLE-ENVE	Max	0	0	0	67,4439	12,9214	6,9808	25,54	-0,11
1519	Shell-Thin	SLE-ENVE	Max	0	0	0	73,2785	14,4075	3,2008	25,54	-0,29
1519	Shell-Thin	SLE-ENVE	Min	0	0	0	1,2864	0,597	-0,2208	-6	-4,82
1519	Shell-Thin	SLE-ENVE	Min	0	0	0	4,0043	1,1005	-0,148	-6	-4,95
1519	Shell-Thin	SLE-ENVE	Min	0	0	0	4,1499	1,1168	-0,185	-6,22	-4,95
1519	Shell-Thin	SLE-ENVE	Min	0	0	0	1,351	0,7052	-0,2578	-6,22	-4,82
1521	Shell-Thin	SLU-ENVE	Max	0	0	0	154,462	24,1917	6,059	52,35	32,32
1521	Shell-Thin	SLU-ENVE	Max	0	0	0	142,5946	23,0088	13,8564	52,35	28,85
1521	Shell-Thin	SLU-ENVE	Max	0	0	0	157,5666	0,1897	15,3262	60,44	28,85
1521	Shell-Thin	SLU-ENVE	Max	0	0	0	170,856	0,2326	7,5288	60,44	32,32
1521	Shell-Thin	SLU-ENVE	Min	0	0	0	1,9946	0,9039	-1,0278	-9,63	1,21
1521	Shell-Thin	SLU-ENVE	Min	0	0	0	7,1558	1,3469	-0,68	-9,63	2,08
1521	Shell-Thin	SLU-ENVE	Min	0	0	0	7,7453	0,0227	-1,0268	-10,15	2,08
1521	Shell-Thin	SLU-ENVE	Min	0	0	0	2,3296	0,0145	-1,3639	-10,15	1,21
1521	Shell-Thin	SLE-ENVE	Max	0	0	0	82,9176	13,304	3,2405	27,04	17,73
1521	Shell-Thin	SLE-ENVE	Max	0	0	0	76,7712	12,6446	7,5499	27,04	15,82
1521	Shell-Thin	SLE-ENVE	Max	0	0	0	85,0358	0,1042	8,2954	31,44	15,82
1521	Shell-Thin	SLE-ENVE	Max	0	0	0	91,965	0,1287	3,9859	31,44	17,73
1521	Shell-Thin	SLE-ENVE	Min	0	0	0	1,4382	0,6181	-0,6514	-6,1	0,85
1521	Shell-Thin	SLE-ENVE	Min	0	0	0	4,3289	0,8564	-0,43	-6,1	1,32
1521	Shell-Thin	SLE-ENVE	Min	0	0	0	4,6881	0,0154	-0,6482	-6,45	1,32
1521	Shell-Thin	SLE-ENVE	Min	0	0	0	1,6622	0,0109	-0,8696	-6,45	0,85
1555	Shell-Thin	SLU-ENVE	Max	0	0	0	68,6242	1,9787	18,6798	53,46	-0,87
1555	Shell-Thin	SLU-ENVE	Max	0	0	0	41,9584	2,0654	23,1502	53,46	-0,89
1555	Shell-Thin	SLU-ENVE	Max	0	0	0	52,8709	8,0766	24,2304	71,32	-0,89
1555	Shell-Thin	SLU-ENVE	Max	0	0	0	89,6133	14,7352	19,76	71,32	-0,87
1555	Shell-Thin	SLU-ENVE	Min	0	0	0	5,8161	-4,6707	0,0187	-1,78	-42,91
1555	Shell-Thin	SLU-ENVE	Min	0	0	0	6,7262	-7,8049	0,2097	-1,78	-31,24
1555	Shell-Thin	SLU-ENVE	Min	0	0	0	7,3197	1,7213	0,1885	-2,18	-31,24
1555	Shell-Thin	SLU-ENVE	Min	0	0	0	6,2101	1,5644	-0,0014	-2,18	-42,91
1555	Shell-Thin	SLE-ENVE	Max	0	0	0	35,7605	1,0323	10,3778	28,32	-0,49
1555	Shell-Thin	SLE-ENVE	Max	0	0	0	21,3549	1,0418	12,8549	28,32	-0,5
1555	Shell-Thin	SLE-ENVE	Max	0	0	0	27,4102	4,167	13,4494	38,82	-0,5
1555	Shell-Thin	SLE-ENVE	Max	0	0	0	47,4152	7,8015	10,9724	38,82	-0,49

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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
1555	Shell-Thin	SLE-ENVE	Min	0	0	0	3,6192	-2,6895	0,0135	-0,33	-23,9
1555	Shell-Thin	SLE-ENVE	Min	0	0	0	3,5496	-4,3391	0,1161	-0,33	-17,41
1555	Shell-Thin	SLE-ENVE	Min	0	0	0	3,8707	0,9414	0,1036	-0,65	-17,41
1555	Shell-Thin	SLE-ENVE	Min	0	0	0	3,8319	0,9733	-	-0,65	-23,9
									0,0007813		
1556	Shell-Thin	SLU-ENVE	Max	0	0	0	89,5873	14,605	19,9943	74,17	-0,74
1556	Shell-Thin	SLU-ENVE	Max	0	0	0	52,8655	8,0496	24,6801	74,17	-0,76
1556	Shell-Thin	SLU-ENVE	Max	0	0	0	63,8582	16,0581	24,3749	93,96	-0,76
1556	Shell-Thin	SLU-ENVE	Max	0	0	0	110,4705	27,9242	19,6891	93,96	-0,74
1556	Shell-Thin	SLU-ENVE	Min	0	0	0	6,2103	1,565	-0,0137	-2,15	-38,14
1556	Shell-Thin	SLU-ENVE	Min	0	0	0	7,3195	1,7202	0,15	-2,15	-27,52
1556	Shell-Thin	SLU-ENVE	Min	0	0	0	7,8574	1,938	0,1159	-2,57	-27,52
1556	Shell-Thin	SLU-ENVE	Min	0	0	0	6,5383	1,7715	-0,0468	-2,57	-38,14
1556	Shell-Thin	SLE-ENVE	Max	0	0	0	47,4007	7,729	11,0968	40,41	-0,42
1556	Shell-Thin	SLE-ENVE	Max	0	0	0	27,4071	4,1519	13,6889	40,41	-0,42
1556	Shell-Thin	SLE-ENVE	Max	0	0	0	33,5006	8,6444	13,5076	51,4	-0,42
1556	Shell-Thin	SLE-ENVE	Max	0	0	0	58,9879	15,1877	10,9156	51,4	-0,42
1556	Shell-Thin	SLE-ENVE	Min	0	0	0	3,8319	0,9736	-0,0111	-0,64	-21,29
1556	Shell-Thin	SLE-ENVE	Min	0	0	0	3,8706	0,9406	0,08	-0,64	-15,36
1556	Shell-Thin	SLE-ENVE	Min	0	0	0	4,1595	1,0669	0,0584	-0,98	-15,36
1556	Shell-Thin	SLE-ENVE	Min	0	0	0	4,0039	1,0986	-0,0321	-0,98	-21,29
1557	Shell-Thin	SLU-ENVE	Max	0	0	0	110,4732	27,9374	18,9624	94,2	-0,34
1557	Shell-Thin	SLU-ENVE	Max	0	0	0	63,8565	16,0496	23,5904	94,2	2,36
1557	Shell-Thin	SLU-ENVE	Max	0	0	0	72,8591	13,374	23,1173	106,73	2,36
1557	Shell-Thin	SLU-ENVE	Max	0	0	0	125,7421	23,6977	18,4893	106,73	-0,34
1557	Shell-Thin	SLU-ENVE	Min	0	0	0	6,5389	1,7746	-0,0841	-2,54	-4,28
1557	Shell-Thin	SLU-ENVE	Min	0	0	0	7,8581	1,9414	0,0714	-2,54	-6,09
1557	Shell-Thin	SLU-ENVE	Min	0	0	0	8,322	1,9501	0,0223	-2,94	-6,09
1557	Shell-Thin	SLU-ENVE	Min	0	0	0	6,8258	1,7895	-0,1331	-2,94	-4,28
1557	Shell-Thin	SLE-ENVE	Max	0	0	0	58,9893	15,195	10,4983	51,55	-0,19
1557	Shell-Thin	SLE-ENVE	Max	0	0	0	33,4997	8,6396	13,0535	51,55	1,29
1557	Shell-Thin	SLE-ENVE	Max	0	0	0	38,4799	7,2142	12,769	58,5	1,29
1557	Shell-Thin	SLE-ENVE	Max	0	0	0	67,4461	12,9218	10,2137	58,5	-0,19
1557	Shell-Thin	SLE-ENVE	Min	0	0	0	4,0042	1,1005	-0,0527	-0,97	-2,5
1557	Shell-Thin	SLE-ENVE	Min	0	0	0	4,1599	1,0687	0,0295	-0,97	-3,44
1557	Shell-Thin	SLE-ENVE	Min	0	0	0	4,4038	1,0808	-0,0017	-1,25	-3,44
1557	Shell-Thin	SLE-ENVE	Min	0	0	0	4,1508	1,117	-0,0819	-1,25	-2,5
1559	Shell-Thin	SLU-ENVE	Max	0	0	0	142,3442	22,9587	19,8467	114,28	32,64
1559	Shell-Thin	SLU-ENVE	Max	0	0	0	82,0673	12,5044	25,0583	114,28	12,3
1559	Shell-Thin	SLU-ENVE	Max	0	0	0	89,5263	0,1876	28,2135	131,1	12,3
1559	Shell-Thin	SLU-ENVE	Max	0	0	0	158,2099	0,3183	23,002	131,1	32,64
1559	Shell-Thin	SLU-ENVE	Min	0	0	0	7,1663	1,349	-0,4539	-3,19	1,92
1559	Shell-Thin	SLU-ENVE	Min	0	0	0	8,8042	1,471	-0,0819	-3,19	2,16
1559	Shell-Thin	SLU-ENVE	Min	0	0	0	9,4814	-0,0136	-0,1974	-3,58	2,16
1559	Shell-Thin	SLU-ENVE	Min	0	0	0	7,7183	0,0164	-0,5694	-3,58	1,92
1559	Shell-Thin	SLE-ENVE	Max	0	0	0	76,6313	12,6167	10,8566	62,72	17,92
1559	Shell-Thin	SLE-ENVE	Max	0	0	0	43,5633	6,8182	13,7458	62,72	6,64
1559	Shell-Thin	SLE-ENVE	Max	0	0	0	47,6579	0,1051	15,4469	72,05	6,64
1559	Shell-Thin	SLE-ENVE	Max	0	0	0	85,3936	0,1758	12,5578	72,05	17,92
1559	Shell-Thin	SLE-ENVE	Min	0	0	0	4,3332	0,8572	-0,2527	-1,41	1,25

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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
1559	Shell-Thin	SLE-ENVE	Min	0	0	0	4,6521	0,8421	-0,0329	-1,41	1,22
1559	Shell-Thin	SLE-ENVE	Min	0	0	0	5,024	-0,0052	-0,0637	-1,58	1,22
1559	Shell-Thin	SLE-ENVE	Min	0	0	0	4,6767	0,0124	-0,3064	-1,58	1,25
1593	Shell-Thin	SLU-ENVE	Max	0	0	0	41,8496	2,0657	26,6006	80,24	-1,09
1593	Shell-Thin	SLU-ENVE	Max	0	0	0	7,0215	1,3934	27,8999	80,24	-1,12
1593	Shell-Thin	SLU-ENVE	Max	0	0	0	8,3195	1,7626	29,3131	106,64	-1,12
1593	Shell-Thin	SLU-ENVE	Max	0	0	0	52,8653	8,0755	28,0138	106,64	-1,09
1593	Shell-Thin	SLU-ENVE	Min	0	0	0	6,727	-7,8025	0,4451	5,67	-25,91
1593	Shell-Thin	SLU-ENVE	Min	0	0	0	-25,6722	-	0,7286	5,67	-17,72
								12,0789			
1593	Shell-Thin	SLU-ENVE	Min	0	0	0	-24,2037	-5,0337	0,6936	5,11	-17,72
1593	Shell-Thin	SLU-ENVE	Min	0	0	0	7,3213	1,7217	0,4101	5,11	-25,91
1593	Shell-Thin	SLE-ENVE	Max	0	0	0	21,2946	1,0419	14,7682	43,42	-0,6
1593	Shell-Thin	SLE-ENVE	Max	0	0	0	2,4096	0,5021	15,485	43,42	-0,62
1593	Shell-Thin	SLE-ENVE	Max	0	0	0	3,1161	0,7185	16,2618	58,09	-0,62
1593	Shell-Thin	SLE-ENVE	Max	0	0	0	27,4072	4,1664	15,545	58,09	-0,6
1593	Shell-Thin	SLE-ENVE	Min	0	0	0	3,55	-4,3378	0,2433	5,03	-14,43
1593	Shell-Thin	SLE-ENVE	Min	0	0	0	-14,0386	-6,6481	0,3963	5,03	-9,86
1593	Shell-Thin	SLE-ENVE	Min	0	0	0	-13,2275	-2,723	0,3753	4,58	-9,86
1593	Shell-Thin	SLE-ENVE	Min	0	0	0	3,8717	0,9416	0,2223	4,58	-14,43
1594	Shell-Thin	SLU-ENVE	Max	0	0	0	52,8599	8,0485	28,4495	110,12	-0,98
1594	Shell-Thin	SLU-ENVE	Max	0	0	0	8,3192	1,7614	29,8863	110,12	-0,98
1594	Shell-Thin	SLU-ENVE	Max	0	0	0	9,618	2,0714	29,538	137,05	-0,98
1594	Shell-Thin	SLU-ENVE	Max	0	0	0	63,9646	16,0794	28,1012	137,05	-0,98
1594	Shell-Thin	SLU-ENVE	Min	0	0	0	7,3211	1,7205	0,371	5,16	-21,51
1594	Shell-Thin	SLU-ENVE	Min	0	0	0	-24,2268	-5,1489	0,6442	5,16	-13,17
1594	Shell-Thin	SLU-ENVE	Min	0	0	0	-23,7284	-1,2088	0,5874	4,48	-13,17
1594	Shell-Thin	SLU-ENVE	Min	0	0	0	7,856	1,9377	0,3142	4,48	-21,51
1594	Shell-Thin	SLE-ENVE	Max	0	0	0	27,4041	4,1513	15,7776	60,03	-0,55
1594	Shell-Thin	SLE-ENVE	Max	0	0	0	3,116	0,718	16,5676	60,03	-0,52
1594	Shell-Thin	SLE-ENVE	Max	0	0	0	3,8185	0,8915	16,3594	74,99	-0,52
1594	Shell-Thin	SLE-ENVE	Max	0	0	0	33,5599	8,6563	15,5695	74,99	-0,55
1594	Shell-Thin	SLE-ENVE	Min	0	0	0	3,8716	0,9408	0,1989	4,61	-11,99
1594	Shell-Thin	SLE-ENVE	Min	0	0	0	-13,2403	-2,7871	0,3457	4,61	-7,34
1594	Shell-Thin	SLE-ENVE	Min	0	0	0	-12,9703	-0,7467	0,3098	4,08	-7,34
1594	Shell-Thin	SLE-ENVE	Min	0	0	0	4,1587	1,0667	0,163	4,08	-11,99
1595	Shell-Thin	SLU-ENVE	Max	0	0	0	63,9629	16,0709	27,0037	137,18	8,04
1595	Shell-Thin	SLU-ENVE	Max	0	0	0	9,6171	2,0672	28,7792	137,18	13,05
1595	Shell-Thin	SLU-ENVE	Max	0	0	0	10,8051	2,3334	28,3544	157,03	13,05
1595	Shell-Thin	SLU-ENVE	Max	0	0	0	72,812	13,3646	26,5789	157,03	8,04
1595	Shell-Thin	SLU-ENVE	Min	0	0	0	7,8567	1,9412	0,2626	4,42	-0,71
1595	Shell-Thin	SLU-ENVE	Min	0	0	0	-23,6991	-1,1666	0,5113	4,42	-1,51
1595	Shell-Thin	SLU-ENVE	Min	0	0	0	-27,9592	-7,9951	0,4703	3,5	-1,51
1595	Shell-Thin	SLU-ENVE	Min	0	0	0	8,3174	1,9492	0,2216	3,5	-0,71
1595	Shell-Thin	SLE-ENVE	Max	0	0	0	33,5589	8,6514	14,9431	75,08	4,45
1595	Shell-Thin	SLE-ENVE	Max	0	0	0	3,8182	0,8902	15,9173	75,08	7,25
1595	Shell-Thin	SLE-ENVE	Max	0	0	0	4,4577	1,0697	15,6577	86,1	7,25
1595	Shell-Thin	SLE-ENVE	Max	0	0	0	38,4539	7,209	14,6836	86,1	4,45
1595	Shell-Thin	SLE-ENVE	Min	0	0	0	4,1591	1,0686	0,1293	4,06	-0,43
1595	Shell-Thin	SLE-ENVE	Min	0	0	0	-12,9541	-0,7229	0,2604	4,06	-0,89

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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
1595	Shell-Thin	SLE-ENVE	Min	0	0	0	-15,33	-4,3501	0,2336	3,54	-0,89
1595	Shell-Thin	SLE-ENVE	Min	0	0	0	4,4009	1,0803	0,1025	3,54	-0,43
1597	Shell-Thin	SLU-ENVE	Max	0	0	0	81,3791	12,3667	28,5203	164,99	20,91
1597	Shell-Thin	SLU-ENVE	Max	0	0	0	11,7966	1,9301	30,097	164,99	2,68
1597	Shell-Thin	SLU-ENVE	Max	0	0	0	12,8749	0,019	34,676	192,48	2,68
1597	Shell-Thin	SLU-ENVE	Max	0	0	0	91,0569	0,4055	33,0994	192,48	20,91
1597	Shell-Thin	SLU-ENVE	Min	0	0	0	8,7998	1,4701	0,2029	2,74	2,11
1597	Shell-Thin	SLU-ENVE	Min	0	0	0	-26,5417	-2,907	0,5957	2,74	-7,8
1597	Shell-Thin	SLU-ENVE	Min	0	0	0	-30,2858	-0,3265	0,703	2,38	-7,8
1597	Shell-Thin	SLU-ENVE	Min	0	0	0	9,4784	0,017	0,3103	2,38	2,11
1597	Shell-Thin	SLE-ENVE	Max	0	0	0	43,1809	6,7417	15,6651	90,55	11,42
1597	Shell-Thin	SLE-ENVE	Max	0	0	0	4,9916	0,926	16,5116	90,55	1,26
1597	Shell-Thin	SLE-ENVE	Max	0	0	0	5,4782	0,0072	19,0097	105,81	1,26
1597	Shell-Thin	SLE-ENVE	Max	0	0	0	48,5076	0,2258	18,1631	105,81	11,42
1597	Shell-Thin	SLE-ENVE	Min	0	0	0	4,6399	0,8397	0,1116	2,98	1,26
1597	Shell-Thin	SLE-ENVE	Min	0	0	0	-14,5456	-1,6243	0,3024	2,98	-4,4
1597	Shell-Thin	SLE-ENVE	Min	0	0	0	-16,5932	-0,1826	0,4245	3,03	-4,4
1597	Shell-Thin	SLE-ENVE	Min	0	0	0	5,0371	0,0144	0,2337	3,03	1,26
1631	Shell-Thin	SLU-ENVE	Max	0	0	0	7,0253	1,3942	26,9829	106,13	0,9
1631	Shell-Thin	SLU-ENVE	Max	0	0	0	0,1161	-0,0016	23,6807	106,13	14,9
1631	Shell-Thin	SLU-ENVE	Max	0	0	0	1,9257	0,3915	24,7169	152,97	14,9
1631	Shell-Thin	SLU-ENVE	Max	0	0	0	8,317	1,7621	28,0191	152,97	0,9
1631	Shell-Thin	SLU-ENVE	Min	0	0	0	-25,7508	-	1,0719	13,23	-5,17
1631	Shell-Thin	SLU-ENVE	Min	0	0	0	-80,0179	-	1,4863	13,23	-2,02
1631	Shell-Thin	SLU-ENVE	Min	0	0	0	-102,0161	-	1,4502	12,5	-2,02
1631	Shell-Thin	SLU-ENVE	Min	0	0	0	-24,3249	-5,0579	1,0358	12,5	-5,17
1631	Shell-Thin	SLE-ENVE	Max	0	0	0	2,4122	0,5026	14,9722	57,86	0,47
1631	Shell-Thin	SLE-ENVE	Max	0	0	0	-2,8062	-0,5666	13,1336	57,86	8,28
1631	Shell-Thin	SLE-ENVE	Max	0	0	0	-1,8107	-0,3459	13,6985	83,88	8,28
1631	Shell-Thin	SLE-ENVE	Max	0	0	0	3,1128	0,7178	15,5371	83,88	0,47
1631	Shell-Thin	SLE-ENVE	Min	0	0	0	-14,0823	-6,6568	0,5832	10,48	-2,89
1631	Shell-Thin	SLE-ENVE	Min	0	0	0	-43,6732	-9,4957	0,8088	10,48	-1,11
1631	Shell-Thin	SLE-ENVE	Min	0	0	0	-55,8977	-	0,7839	9,89	-1,11
1631	Shell-Thin	SLE-ENVE	Min	0	0	0	-13,2943	-2,7364	0,5583	9,89	-2,89
1632	Shell-Thin	SLU-ENVE	Max	0	0	0	8,3168	1,7609	28,5882	156,02	4,45
1632	Shell-Thin	SLU-ENVE	Max	0	0	0	1,9271	0,3989	25,0985	156,02	16,22
1632	Shell-Thin	SLU-ENVE	Max	0	0	0	3,7976	0,8159	25,2944	207,06	16,22
1632	Shell-Thin	SLU-ENVE	Max	0	0	0	9,6383	2,0754	28,7841	207,06	4,45
1632	Shell-Thin	SLU-ENVE	Min	0	0	0	-24,348	-5,1732	0,9861	12,52	-1,9
1632	Shell-Thin	SLU-ENVE	Min	0	0	0	-101,9779	-	1,4062	12,52	-2,1
1632	Shell-Thin	SLU-ENVE	Min	0	0	0	-126,5917	-	1,3595	11,75	-2,1
1632	Shell-Thin	SLU-ENVE	Min	0	0	0	-23,443	-1,1777	0,9394	11,75	-1,9
1632	Shell-Thin	SLE-ENVE	Max	0	0	0	3,1127	0,7174	15,8406	85,59	2,43
1632	Shell-Thin	SLE-ENVE	Max	0	0	0	-1,8094	-0,3396	13,8958	85,59	9,01
1632	Shell-Thin	SLE-ENVE	Max	0	0	0	-0,8127	-0,1026	13,9871	113,92	9,01

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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
1632	Shell-Thin	SLE-ENVE	Max	0	0	0	3,8352	0,8949	15,932	113,92	2,43
1632	Shell-Thin	SLE-ENVE	Min	0	0	0	-13,3071	-2,8004	0,5289	9,9	-1,04
1632	Shell-Thin	SLE-ENVE	Min	0	0	0	-55,8766	-	0,7523	9,9	-1,16
								11,0529			
1632	Shell-Thin	SLE-ENVE	Min	0	0	0	-69,547	-	0,7252	9,35	-1,16
								12,7702			
1632	Shell-Thin	SLE-ENVE	Min	0	0	0	-12,8128	-0,7288	0,5019	9,35	-1,04
1633	Shell-Thin	SLU-ENVE	Max	0	0	0	9,6375	2,0713	28,3134	208,57	26,39
1633	Shell-Thin	SLU-ENVE	Max	0	0	0	3,7913	0,784	25,4652	208,57	30,41
1633	Shell-Thin	SLU-ENVE	Max	0	0	0	5,9904	1,0367	24,9126	244,22	30,41
1633	Shell-Thin	SLU-ENVE	Max	0	0	0	10,7589	2,3242	27,7608	244,22	26,39
1633	Shell-Thin	SLU-ENVE	Min	0	0	0	-23,4138	-1,1356	0,8603	11,88	-1,85
1633	Shell-Thin	SLU-ENVE	Min	0	0	0	-126,725	-	1,3119	11,88	-1,85
								23,9524			
1633	Shell-Thin	SLU-ENVE	Min	0	0	0	-149,9282	-	1,1931	9,73	-1,85
								33,9516			
1633	Shell-Thin	SLU-ENVE	Min	0	0	0	-28,7934	-8,162	0,7415	9,73	-1,85
1633	Shell-Thin	SLE-ENVE	Max	0	0	0	3,8349	0,8935	15,6499	114,76	14,66
1633	Shell-Thin	SLE-ENVE	Max	0	0	0	-0,8188	-0,1331	14,0587	114,76	16,87
1633	Shell-Thin	SLE-ENVE	Max	0	0	0	0,4026	-0,0448	13,724	134,56	16,87
1633	Shell-Thin	SLE-ENVE	Max	0	0	0	4,4159	1,0614	15,3152	134,56	14,66
1633	Shell-Thin	SLE-ENVE	Min	0	0	0	-12,7965	-0,7051	0,4522	9,47	-1,07
1633	Shell-Thin	SLE-ENVE	Min	0	0	0	-69,6206	-	0,6973	9,47	-0,91
								13,1382			
1633	Shell-Thin	SLE-ENVE	Min	0	0	0	-82,5158	-	0,6112	8,19	-0,91
								18,6794			
1633	Shell-Thin	SLE-ENVE	Min	0	0	0	-15,7908	-4,4423	0,3661	8,19	-1,07
1635	Shell-Thin	SLU-ENVE	Max	0	0	0	11,7463	1,92	29,626	275,77	6,85
1635	Shell-Thin	SLU-ENVE	Max	0	0	0	7,7897	1,5867	24,941	275,77	2,05
1635	Shell-Thin	SLU-ENVE	Max	0	0	0	8,7838	-0,0331	28,0433	332,94	2,05
1635	Shell-Thin	SLU-ENVE	Max	0	0	0	12,8944	0,4702	32,7284	332,94	6,85
1635	Shell-Thin	SLU-ENVE	Min	0	0	0	-29,006	-3,1947	0,9477	7,4	1,63
1635	Shell-Thin	SLU-ENVE	Min	0	0	0	-170,8171	-	1,2609	7,4	-74,17
								45,2426			
1635	Shell-Thin	SLU-ENVE	Min	0	0	0	-197,3241	-1,0747	1,448	7,71	-74,17
1635	Shell-Thin	SLU-ENVE	Min	0	0	0	-26,9313	0,0229	1,1348	7,71	1,63
1635	Shell-Thin	SLE-ENVE	Max	0	0	0	4,9273	0,9131	16,2303	152,14	3,9
1635	Shell-Thin	SLE-ENVE	Max	0	0	0	1,3848	0,1743	13,6021	152,14	-
											0,05413
1635	Shell-Thin	SLE-ENVE	Max	0	0	0	1,7352	-0,042	15,2647	183,92	-
											0,05413
1635	Shell-Thin	SLE-ENVE	Max	0	0	0	5,5221	0,261	17,8929	183,92	3,9
1635	Shell-Thin	SLE-ENVE	Min	0	0	0	-15,9083	-1,7869	0,4674	6,81	0,9
1635	Shell-Thin	SLE-ENVE	Min	0	0	0	-94,145	-	0,5493	6,81	-40,86
								24,9362			
1635	Shell-Thin	SLE-ENVE	Min	0	0	0	-108,8606	-0,5911	0,6709	7,29	-40,86
1635	Shell-Thin	SLE-ENVE	Min	0	0	0	-14,7336	0,016	0,589	7,29	0,9
1669	Shell-Thin	SLU-ENVE	Max	0	0	0	0,1126	-0,0023	20,4218	109,37	29,79
1669	Shell-Thin	SLU-ENVE	Max	0	0	0	-3,7431	-0,7396	17,8948	109,37	40,93
1669	Shell-Thin	SLU-ENVE	Max	0	0	0	-1,756	-0,3768	18,3486	189,4	40,93
1669	Shell-Thin	SLU-ENVE	Max	0	0	0	1,9301	0,3924	20,8438	189,4	29,79

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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
1669	Shell-Thin	SLU-ENVE	Min	0	0	0	-80,085	-	1,8147	18,55	-2,31
								17,3963			
1669	Shell-Thin	SLU-ENVE	Min	0	0	0	-102,1637	-	2,0215	18,55	-2,25
								20,1359			
1669	Shell-Thin	SLU-ENVE	Min	0	0	0	-139,9651	-	1,9946	18,06	-2,25
								28,6624			
1669	Shell-Thin	SLU-ENVE	Min	0	0	0	-101,8794	-20,353	1,7879	18,06	-2,31
1669	Shell-Thin	SLE-ENVE	Max	0	0	0	-2,8085	-0,5671	11,3211	59,41	16,55
1669	Shell-Thin	SLE-ENVE	Max	0	0	0	-5,6668	-1,1253	9,9149	59,41	22,74
1669	Shell-Thin	SLE-ENVE	Max	0	0	0	-4,5805	-0,9391	10,1538	103,87	22,74
1669	Shell-Thin	SLE-ENVE	Max	0	0	0	-1,8059	-0,345	11,5438	103,87	16,55
1669	Shell-Thin	SLE-ENVE	Min	0	0	0	-43,7103	-9,5031	0,9912	14,32	-1,28
1669	Shell-Thin	SLE-ENVE	Min	0	0	0	-55,7044	-	1,1047	14,32	-1,21
								10,9765			
1669	Shell-Thin	SLE-ENVE	Min	0	0	0	-76,7067	-	1,0804	13,9	-1,21
								15,7116			
1669	Shell-Thin	SLE-ENVE	Min	0	0	0	-55,8222	-	0,9669	13,9	-1,28
								11,1435			
1670	Shell-Thin	SLU-ENVE	Max	0	0	0	1,9315	0,3998	20,966	191,17	31,17
1670	Shell-Thin	SLU-ENVE	Max	0	0	0	-1,7601	-0,3972	18,44	191,17	32,97
1670	Shell-Thin	SLU-ENVE	Max	0	0	0	0,5478	0,242	18,9945	246,5	32,97
1670	Shell-Thin	SLU-ENVE	Max	0	0	0	3,7783	0,8121	21,6306	246,5	31,17
1670	Shell-Thin	SLU-ENVE	Min	0	0	0	-101,8412	-20,162	1,7209	18,06	-2,47
1670	Shell-Thin	SLU-ENVE	Min	0	0	0	-139,9714	-28,694	1,9422	18,06	-2,92
1670	Shell-Thin	SLU-ENVE	Min	0	0	0	-176,0265	-	1,9321	15,95	-2,92
								32,7639			
1670	Shell-Thin	SLU-ENVE	Min	0	0	0	-126,8305	-	1,7108	15,95	-2,47
								23,3334			
1670	Shell-Thin	SLE-ENVE	Max	0	0	0	-1,8047	-0,3386	11,5968	104,86	17,31
1670	Shell-Thin	SLE-ENVE	Max	0	0	0	-4,5844	-0,9584	10,1858	104,86	18,34
1670	Shell-Thin	SLE-ENVE	Max	0	0	0	-3,2845	-0,536	10,4796	135,65	18,34
1670	Shell-Thin	SLE-ENVE	Max	0	0	0	-0,83	-0,106	11,9474	135,65	17,31
1670	Shell-Thin	SLE-ENVE	Min	0	0	0	-55,801	-	0,9147	13,9	-1,36
								11,0378			
1670	Shell-Thin	SLE-ENVE	Min	0	0	0	-76,7099	-	1,0339	13,9	-1,74
								15,7275			
1670	Shell-Thin	SLE-ENVE	Min	0	0	0	-96,7455	-	1,0297	12,28	-1,74
								18,0019			
1670	Shell-Thin	SLE-ENVE	Min	0	0	0	-69,6783	-	0,9105	12,28	-1,36
								12,7964			
1671	Shell-Thin	SLU-ENVE	Max	0	0	0	3,7719	0,7802	22,8863	249,53	43,67
1671	Shell-Thin	SLU-ENVE	Max	0	0	0	0,5666	0,3362	20,2316	249,53	73,98
1671	Shell-Thin	SLU-ENVE	Max	0	0	0	2,3746	-0,1906	18,8076	353,69	73,98
1671	Shell-Thin	SLU-ENVE	Max	0	0	0	6,0483	1,0483	21,1385	353,69	43,67
1671	Shell-Thin	SLU-ENVE	Min	0	0	0	-126,9638	-	1,7749	16,22	-2,26
								24,0001			
1671	Shell-Thin	SLU-ENVE	Min	0	0	0	-175,6904	-	1,9967	16,22	-0,67
								31,0834			
1671	Shell-Thin	SLU-ENVE	Min	0	0	0	-218,5431	-56,001	1,7731	18,69	-0,67
1671	Shell-Thin	SLU-ENVE	Min	0	0	0	-148,9858	-	1,5514	18,69	-2,26
								33,7631			
1671	Shell-Thin	SLE-ENVE	Max	0	0	0	-0,8361	-0,1365	12,6227	137,33	24,22



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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
1671	Shell-Thin	SLE-ENVE	Max	0	0	0	-3,2674	-0,4507	11,1454	137,33	40,94
1671	Shell-Thin	SLE-ENVE	Max	0	0	0	-2,5236	-1,1106	10,3173	194,87	40,94
1671	Shell-Thin	SLE-ENVE	Max	0	0	0	0,4551	-0,0343	11,6158	194,87	24,22
1671	Shell-Thin	SLE-ENVE	Min	0	0	0	-69,7519	-	0,9769	12,48	-1,1
								13,1645			
1671	Shell-Thin	SLE-ENVE	Min	0	0	0	-96,5601	-	1,0868	12,48	0,43
								17,0749			
1671	Shell-Thin	SLE-ENVE	Min	0	0	0	-120,3134	-	0,8993	15,21	0,43
								30,8458			
1671	Shell-Thin	SLE-ENVE	Min	0	0	0	-81,9962	-	0,7894	15,21	-1,1
								18,5755			
1673	Shell-Thin	SLU-ENVE	Max	0	0	0	7,7609	1,581	21,141	533,06	2,09
1673	Shell-Thin	SLU-ENVE	Max	0	0	0	5,6429	0,9623	19,0833	533,06	0,93
1673	Shell-Thin	SLU-ENVE	Max	0	0	0	6,5463	1,2162	18,6302	351,26	0,93
1673	Shell-Thin	SLU-ENVE	Max	0	0	0	8,9249	-0,0048	20,6879	351,26	2,09
1673	Shell-Thin	SLU-ENVE	Min	0	0	0	-168,285	-	1,5305	10,34	-64,32
								44,7361			
1673	Shell-Thin	SLU-ENVE	Min	0	0	0	-274,4936	-	1,5204	10,34	-149,86
								84,6987			
1673	Shell-Thin	SLU-ENVE	Min	0	0	0	-269,7694	-0,0433	0,5096	11,64	-149,86
1673	Shell-Thin	SLU-ENVE	Min	0	0	0	-199,9215	-1,5942	1,4966	11,64	-64,32
1673	Shell-Thin	SLE-ENVE	Max	0	0	0	1,4165	0,1806	11,4996	293,94	-0,18
1673	Shell-Thin	SLE-ENVE	Max	0	0	0	-1,0558	-0,7593	10,3443	293,94	-2,17
1673	Shell-Thin	SLE-ENVE	Max	0	0	0	0,1843	0,6588	10,0277	194,84	-2,17
1673	Shell-Thin	SLE-ENVE	Max	0	0	0	1,7679	-0,0354	11,183	194,84	-0,18
1673	Shell-Thin	SLE-ENVE	Min	0	0	0	-92,7512	-	0,6688	12,44	-35,27
								24,6574			
1673	Shell-Thin	SLE-ENVE	Min	0	0	0	-151,3169	-	0,7404	12,44	-82,47
								46,7188			
1673	Shell-Thin	SLE-ENVE	Min	0	0	0	-149,0371	0,0167	0,1867	8	-82,47
1673	Shell-Thin	SLE-ENVE	Min	0	0	0	-110,2912	-0,8772	0,5502	8	-35,27
1707	Shell-Thin	SLU-ENVE	Max	0	0	0	-3,7427	-0,7395	14,7566	-17,51	40,72
1707	Shell-Thin	SLU-ENVE	Max	0	0	0	1,4846	0,3688	11,6872	-17,51	31,31
1707	Shell-Thin	SLU-ENVE	Max	0	0	0	2,9222	0,6172	11,7518	-15,67	31,31
1707	Shell-Thin	SLU-ENVE	Max	0	0	0	-1,7537	-0,3763	14,8212	-15,67	40,72
1707	Shell-Thin	SLU-ENVE	Min	0	0	0	-102,2395	-	-1,9792	-114,42	-2,1
								20,1511			
1707	Shell-Thin	SLU-ENVE	Min	0	0	0	-67,6975	-	-9,0897	-114,42	-1,87
								14,5057			
1707	Shell-Thin	SLU-ENVE	Min	0	0	0	-89,339	-	-9,45	-167,97	-1,87
								18,3119			
1707	Shell-Thin	SLU-ENVE	Min	0	0	0	-139,9449	-	-2,3395	-167,97	-2,1
								28,6583			
1707	Shell-Thin	SLE-ENVE	Max	0	0	0	-5,6668	-1,1253	8,1692	-16,08	22,62
1707	Shell-Thin	SLE-ENVE	Max	0	0	0	-0,8489	-0,1461	6,4631	-16,08	17,41
1707	Shell-Thin	SLE-ENVE	Max	0	0	0	-0,0552	-0,0158	6,4876	-15,1	17,41
1707	Shell-Thin	SLE-ENVE	Max	0	0	0	-4,5787	-0,9387	8,1937	-15,1	22,62
1707	Shell-Thin	SLE-ENVE	Min	0	0	0	-55,7464	-	-1,1141	-63,15	-1,13
								10,9849			
1707	Shell-Thin	SLE-ENVE	Min	0	0	0	-36,676	-7,879	-5,0647	-63,15	-1,02
1707	Shell-Thin	SLE-ENVE	Min	0	0	0	-48,7001	-9,9975	-5,2715	-92,9	-1,02

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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
1707	Shell-Thin	SLE-ENVE	Min	0	0	0	-76,6956	-	-1,3209	-92,9	-1,13
								15,7093			
1708	Shell-Thin	SLU-ENVE	Max	0	0	0	-1,7578	-0,3968	15,2945	-15,58	32,6
1708	Shell-Thin	SLU-ENVE	Max	0	0	0	2,924	0,6262	12,055	-15,58	34,35
1708	Shell-Thin	SLU-ENVE	Max	0	0	0	4,3926	0,8811	12,242	-12,8	34,35
1708	Shell-Thin	SLU-ENVE	Max	0	0	0	0,544	0,2413	15,4815	-12,8	32,6
1708	Shell-Thin	SLU-ENVE	Min	0	0	0	-139,9513	-28,69	-2,2331	-167,43	-2,77
1708	Shell-Thin	SLU-ENVE	Min	0	0	0	-89,278	-	-9,5651	-167,43	-2,01
								18,0072			
1708	Shell-Thin	SLU-ENVE	Min	0	0	0	-113,6337	-	-10,3051	-206,61	-2,01
								22,9645			
1708	Shell-Thin	SLU-ENVE	Min	0	0	0	-176,0595	-	-2,973	-206,61	-2,77
								32,7705			
1708	Shell-Thin	SLE-ENVE	Max	0	0	0	-4,5826	-0,9581	8,4437	-15,02	18,14
1708	Shell-Thin	SLE-ENVE	Max	0	0	0	-0,0536	-0,0078	6,6436	-15,02	19,09
1708	Shell-Thin	SLE-ENVE	Max	0	0	0	0,7209	0,1084	6,7239	-13,29	19,09
1708	Shell-Thin	SLE-ENVE	Max	0	0	0	-3,2884	-0,5367	8,5241	-13,29	18,14
1708	Shell-Thin	SLE-ENVE	Min	0	0	0	-76,6988	-	-1,2708	-92,61	-1,66
								15,7253			
1708	Shell-Thin	SLE-ENVE	Min	0	0	0	-48,6663	-9,8288	-5,3434	-92,61	-1,05
1708	Shell-Thin	SLE-ENVE	Min	0	0	0	-62,1899	-	-5,7614	-114,41	-1,05
								12,5846			
1708	Shell-Thin	SLE-ENVE	Min	0	0	0	-96,7634	-	-1,6887	-114,41	-1,66
								18,0055			
1709	Shell-Thin	SLU-ENVE	Max	0	0	0	0,5628	0,3355	15,4067	-12,98	72,62
1709	Shell-Thin	SLU-ENVE	Max	0	0	0	4,3849	0,8423	12,0343	-12,98	32,05
1709	Shell-Thin	SLU-ENVE	Max	0	0	0	6,2468	1,1893	13,3142	-13,1	32,05
1709	Shell-Thin	SLU-ENVE	Max	0	0	0	2,3892	-0,1877	16,6866	-13,1	72,62
1709	Shell-Thin	SLU-ENVE	Min	0	0	0	-175,7234	-31,09	-4,7898	-210,25	-0,51
1709	Shell-Thin	SLU-ENVE	Min	0	0	0	-113,779	-	-11,6568	-210,25	-2,25
								23,6911			
1709	Shell-Thin	SLU-ENVE	Min	0	0	0	-132,0086	-	-9,7711	-291,47	-2,25
								28,2732			
1709	Shell-Thin	SLU-ENVE	Min	0	0	0	-218,3195	-	-2,9041	-291,47	-0,51
								55,9563			
1709	Shell-Thin	SLE-ENVE	Max	0	0	0	-3,2713	-0,4515	8,4481	-13,44	40,19
1709	Shell-Thin	SLE-ENVE	Max	0	0	0	0,7139	0,0734	6,5709	-13,44	17,81
1709	Shell-Thin	SLE-ENVE	Max	0	0	0	1,7947	0,2456	7,2713	-14,5	17,81
1709	Shell-Thin	SLE-ENVE	Max	0	0	0	-2,5105	-1,108	9,1484	-14,5	40,19
1709	Shell-Thin	SLE-ENVE	Min	0	0	0	-96,578	-	-2,7045	-116,41	0,51
								17,0785			
1709	Shell-Thin	SLE-ENVE	Min	0	0	0	-62,2701	-	-6,5159	-116,41	-1,15
								12,9857			
1709	Shell-Thin	SLE-ENVE	Min	0	0	0	-72,408	-	-5,4886	-161,33	-1,15
								15,5373			
1709	Shell-Thin	SLE-ENVE	Min	0	0	0	-120,1902	-	-1,6772	-161,33	0,51
								30,8211			
1711	Shell-Thin	SLU-ENVE	Max	0	0	0	5,6526	0,9642	17,0344	-5,91	1,02
1711	Shell-Thin	SLU-ENVE	Max	0	0	0	7,4559	1,5212	14,3649	-5,91	2
1711	Shell-Thin	SLU-ENVE	Max	0	0	0	8,5118	0,0135	15,6109	-6,55	2
1711	Shell-Thin	SLU-ENVE	Max	0	0	0	6,5175	1,2971	18,2803	-6,55	1,02

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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
1711	Shell-Thin	SLU-ENVE	Min	0	0	0	-274,2669	-	-2,8242	-423,17	-150,63
								84,6533			
1711	Shell-Thin	SLU-ENVE	Min	0	0	0	-147,7076	-	-9,2054	-423,17	-48,06
								36,4287			
1711	Shell-Thin	SLU-ENVE	Min	0	0	0	-179,5365	-1,7652	-8,551	-300,74	-48,06
1711	Shell-Thin	SLU-ENVE	Min	0	0	0	-269,365	-0,0491	-2,1697	-300,74	-150,63
1711	Shell-Thin	SLE-ENVE	Max	0	0	0	-1,0424	-0,7566	9,2039	-11,78	-2,12
1711	Shell-Thin	SLE-ENVE	Max	0	0	0	2,52	0,3803	7,7097	-11,78	0,24
1711	Shell-Thin	SLE-ENVE	Max	0	0	0	2,7791	-0,0321	8,3359	-8,62	0,24
1711	Shell-Thin	SLE-ENVE	Max	0	0	0	0,1638	0,7043	9,8302	-8,62	-2,12
1711	Shell-Thin	SLE-ENVE	Min	0	0	0	-151,1939	-	-1,6914	-234,07	-82,91
								46,6942			
1711	Shell-Thin	SLE-ENVE	Min	0	0	0	-81,1639	-	-5,2564	-234,07	-26,33
								20,0798			
1711	Shell-Thin	SLE-ENVE	Min	0	0	0	-98,7675	-0,9739	-4,9363	-167,45	-26,33
1711	Shell-Thin	SLE-ENVE	Min	0	0	0	-148,8097	0,0126	-1,3713	-167,45	-82,91
1745	Shell-Thin	SLU-ENVE	Max	0	0	0	1,4869	0,3693	9,2827	-11,29	17,14
1745	Shell-Thin	SLU-ENVE	Max	0	0	0	7,8625	1,6853	7,129	-11,29	3,47
1745	Shell-Thin	SLU-ENVE	Max	0	0	0	8,1615	1,6519	7,0614	-9,33	3,47
1745	Shell-Thin	SLU-ENVE	Max	0	0	0	2,9161	0,6159	9,2151	-9,33	17,14
1745	Shell-Thin	SLU-ENVE	Min	0	0	0	-67,639	-14,494	-15,1754	-113,92	-1,26
1745	Shell-Thin	SLU-ENVE	Min	0	0	0	-26,4407	-8,5136	-19,9021	-113,92	-0,7
1745	Shell-Thin	SLU-ENVE	Min	0	0	0	-29,4352	-5,5598	-21,3654	-156,21	-0,7
1745	Shell-Thin	SLU-ENVE	Min	0	0	0	-89,462	-	-16,6386	-156,21	-1,26
								18,3365			
1745	Shell-Thin	SLE-ENVE	Max	0	0	0	-0,8471	-0,1457	5,1275	-11,67	9,53
1745	Shell-Thin	SLE-ENVE	Max	0	0	0	4,9667	1,1009	3,9318	-11,67	1,97
1745	Shell-Thin	SLE-ENVE	Max	0	0	0	5,2138	1,0564	3,8823	-10,59	1,97
1745	Shell-Thin	SLE-ENVE	Max	0	0	0	-0,0606	-0,0169	5,078	-10,59	9,53
1745	Shell-Thin	SLE-ENVE	Min	0	0	0	-36,6435	-7,8725	-8,4462	-63,16	-0,68
1745	Shell-Thin	SLE-ENVE	Min	0	0	0	-12,8736	-4,5726	-11,0713	-63,16	-0,33
1745	Shell-Thin	SLE-ENVE	Min	0	0	0	-14,5367	-2,7822	-11,8895	-86,66	-0,33
1745	Shell-Thin	SLE-ENVE	Min	0	0	0	-48,768	-	-9,2644	-86,66	-0,68
								10,0111			
1746	Shell-Thin	SLU-ENVE	Max	0	0	0	2,9179	0,625	9,3155	-9,27	19,85
1746	Shell-Thin	SLU-ENVE	Max	0	0	0	8,1609	1,6484	6,8836	-9,27	4,87
1746	Shell-Thin	SLU-ENVE	Max	0	0	0	8,4936	1,6674	6,8072	-7,24	4,87
1746	Shell-Thin	SLU-ENVE	Max	0	0	0	4,4126	0,8851	9,239	-7,24	19,85
1746	Shell-Thin	SLU-ENVE	Min	0	0	0	-89,4011	-	-17,1294	-158,99	-1,32
								18,0318			
1746	Shell-Thin	SLU-ENVE	Min	0	0	0	-29,4445	-5,6063	-22,1874	-158,99	-0,84
1746	Shell-Thin	SLU-ENVE	Min	0	0	0	-32,515	-5,608	-22,1909	-205,3	-0,84
1746	Shell-Thin	SLU-ENVE	Min	0	0	0	-113,2991	-	-17,1329	-205,3	-1,32
								22,8976			
1746	Shell-Thin	SLE-ENVE	Max	0	0	0	-0,059	-0,0089	5,1181	-10,53	11,03
1746	Shell-Thin	SLE-ENVE	Max	0	0	0	5,2134	1,0542	3,7686	-10,53	2,76
1746	Shell-Thin	SLE-ENVE	Max	0	0	0	5,4875	1,0242	3,7068	-9,48	2,76
1746	Shell-Thin	SLE-ENVE	Max	0	0	0	0,7394	0,1121	5,0563	-9,48	11,03
1746	Shell-Thin	SLE-ENVE	Min	0	0	0	-48,7343	-9,8424	-9,5437	-88,2	-0,68
1746	Shell-Thin	SLE-ENVE	Min	0	0	0	-14,5419	-2,8082	-12,3519	-88,2	-0,38
1746	Shell-Thin	SLE-ENVE	Min	0	0	0	-16,2407	-2,8404	-12,361	-113,92	-0,38

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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
1746	Shell-Thin	SLE-ENVE	Min	0	0	0	-62,0055	-	-9,5529	-113,92	-0,68
								12,5477			
1747	Shell-Thin	SLU-ENVE	Max	0	0	0	4,4048	0,8463	9,4625	-7,27	18,68
1747	Shell-Thin	SLU-ENVE	Max	0	0	0	8,495	1,672	6,5561	-7,27	19,27
1747	Shell-Thin	SLU-ENVE	Max	0	0	0	8,6941	1,7178	6,6791	-4,41	19,27
1747	Shell-Thin	SLU-ENVE	Max	0	0	0	6,1814	1,1762	9,5855	-4,41	18,68
1747	Shell-Thin	SLU-ENVE	Min	0	0	0	-113,4444	-	-16,7981	-206,29	-1,51
								23,6241			
1747	Shell-Thin	SLU-ENVE	Min	0	0	0	-32,4947	-5,5068	-21,2775	-206,29	-0,94
1747	Shell-Thin	SLU-ENVE	Min	0	0	0	-37,4227	-8,9146	-20,9596	-237,8	-0,94
1747	Shell-Thin	SLU-ENVE	Min	0	0	0	-133,0742	-	-16,4801	-237,8	-1,51
								28,4864			
1747	Shell-Thin	SLE-ENVE	Max	0	0	0	0,7325	0,0771	5,1561	-9,51	10,4
1747	Shell-Thin	SLE-ENVE	Max	0	0	0	5,4885	1,0291	3,5478	-9,51	10,74
1747	Shell-Thin	SLE-ENVE	Max	0	0	0	5,663	1,009	3,591	-7,85	10,74
1747	Shell-Thin	SLE-ENVE	Max	0	0	0	1,7371	0,2341	5,1994	-7,85	10,4
1747	Shell-Thin	SLE-ENVE	Min	0	0	0	-62,0857	-	-9,3761	-114,46	-0,79
								12,9488			
1747	Shell-Thin	SLE-ENVE	Min	0	0	0	-16,2292	-2,7829	-11,8633	-114,46	-0,44
1747	Shell-Thin	SLE-ENVE	Min	0	0	0	-18,97	-4,7237	-11,6999	-131,99	-0,44
1747	Shell-Thin	SLE-ENVE	Min	0	0	0	-72,9956	-	-9,2127	-131,99	-0,79
								15,6548			
1749	Shell-Thin	SLU-ENVE	Max	0	0	0	7,4797	1,5259	10,7313	-2,35	2,13
1749	Shell-Thin	SLU-ENVE	Max	0	0	0	9,0116	1,4036	7,0226	-2,35	3,83
1749	Shell-Thin	SLU-ENVE	Max	0	0	0	9,6135	1,254	5,9973	-1,8	3,83
1749	Shell-Thin	SLU-ENVE	Max	0	0	0	8,4301	-0,0028	9,706	-1,8	2,13
1749	Shell-Thin	SLU-ENVE	Min	0	0	0	-150,2945	-	-16,6117	-258,39	-57,46
								36,9461			
1749	Shell-Thin	SLU-ENVE	Min	0	0	0	-40,8046	-5,2533	-23,4717	-258,39	-3,4
1749	Shell-Thin	SLU-ENVE	Min	0	0	0	-41,8573	-0,0197	-28,409	-317,51	-3,4
1749	Shell-Thin	SLU-ENVE	Min	0	0	0	-177,4852	-1,3549	-21,549	-317,51	-57,46
1749	Shell-Thin	SLE-ENVE	Max	0	0	0	2,484	0,3731	5,6833	-6,46	0,42
1749	Shell-Thin	SLE-ENVE	Max	0	0	0	5,9054	0,7861	3,6249	-6,46	2,2
1749	Shell-Thin	SLE-ENVE	Max	0	0	0	6,3301	0,7043	2,9627	-6,73	2,2
1749	Shell-Thin	SLE-ENVE	Max	0	0	0	2,7739	-0,0331	5,0212	-6,73	0,42
1749	Shell-Thin	SLE-ENVE	Min	0	0	0	-82,5859	-	-9,3634	-143,5	-31,65
								20,3642			
1749	Shell-Thin	SLE-ENVE	Min	0	0	0	-20,8249	-2,7894	-13,152	-143,5	-1,69
1749	Shell-Thin	SLE-ENVE	Min	0	0	0	-21,3385	0,0259	-15,9124	-176,28	-1,69
1749	Shell-Thin	SLE-ENVE	Min	0	0	0	-97,6442	-0,7492	-12,1239	-176,28	-31,65
1783	Shell-Thin	SLU-ENVE	Max	0	0	0	7,8602	1,6847	5,6695	-3,61	1,7
1783	Shell-Thin	SLU-ENVE	Max	0	0	0	37,368	2,5463	4,7781	-3,61	3,85
1783	Shell-Thin	SLU-ENVE	Max	0	0	0	52,5525	6,8837	4,8481	-1,76	3,85
1783	Shell-Thin	SLU-ENVE	Max	0	0	0	8,1644	1,652	5,6901	-1,76	1,7
1783	Shell-Thin	SLU-ENVE	Min	0	0	0	-26,4855	-8,48	-20,739	-89,8	-14,17
1783	Shell-Thin	SLU-ENVE	Min	0	0	0	-13,308	-4,6086	-18,4094	-89,8	-27,64
1783	Shell-Thin	SLU-ENVE	Min	0	0	0	-16,643	-3,4443	-19,9251	-121,67	-27,64
1783	Shell-Thin	SLU-ENVE	Min	0	0	0	-29,3783	-5,5485	-22,2547	-121,67	-14,17
1783	Shell-Thin	SLE-ENVE	Max	0	0	0	4,9649	1,1005	3,1225	-6,2	0,98
1783	Shell-Thin	SLE-ENVE	Max	0	0	0	21,7512	1,8388	2,6242	-6,2	2,19
1783	Shell-Thin	SLE-ENVE	Max	0	0	0	30,1911	3,9849	2,6482	-5,19	2,19

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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
1783	Shell-Thin	SLE-ENVE	Max	0	0	0	5,2159	1,0568	3,1232	-5,19	0,98
1783	Shell-Thin	SLE-ENVE	Min	0	0	0	-12,8985	-4,5539	-11,5352	-50,11	-7,86
1783	Shell-Thin	SLE-ENVE	Min	0	0	0	-4,3693	-2,3881	-10,2389	-50,11	-15,34
1783	Shell-Thin	SLE-ENVE	Min	0	0	0	-6,2146	-1,3959	-11,0854	-67,83	-15,34
1783	Shell-Thin	SLE-ENVE	Min	0	0	0	-14,5043	-2,7758	-12,3817	-67,83	-7,86
1784	Shell-Thin	SLU-ENVE	Max	0	0	0	8,1639	1,6486	5,516	-1,69	2,56
1784	Shell-Thin	SLU-ENVE	Max	0	0	0	52,5221	6,7319	4,8846	-1,69	3,92
1784	Shell-Thin	SLU-ENVE	Max	0	0	0	67,6039	16,6908	4,9186	0,32	3,92
1784	Shell-Thin	SLU-ENVE	Max	0	0	0	8,4748	1,6639	5,216	0,32	2,56
1784	Shell-Thin	SLU-ENVE	Min	0	0	0	-29,3876	-5,595	-23,0581	-124,58	-10,6
1784	Shell-Thin	SLU-ENVE	Min	0	0	0	-16,6365	-3,4117	-20,7065	-124,58	-24,62
1784	Shell-Thin	SLU-ENVE	Min	0	0	0	-19,6686	-4,1118	-20,7475	-157,17	-24,62
1784	Shell-Thin	SLU-ENVE	Min	0	0	0	-32,5436	-5,6138	-23,099	-157,17	-10,6
1784	Shell-Thin	SLE-ENVE	Max	0	0	0	5,2155	1,0546	3,0118	-5,14	1,47
1784	Shell-Thin	SLE-ENVE	Max	0	0	0	30,1742	3,9007	2,6521	-5,14	2,25
1784	Shell-Thin	SLE-ENVE	Max	0	0	0	38,5599	9,417	2,6498	-4,06	2,25
1784	Shell-Thin	SLE-ENVE	Max	0	0	0	5,4734	1,0213	2,8292	-4,06	1,47
1784	Shell-Thin	SLE-ENVE	Min	0	0	0	-14,5095	-2,8017	-12,8339	-69,43	-5,88
1784	Shell-Thin	SLE-ENVE	Min	0	0	0	-6,2109	-1,3776	-11,5245	-69,43	-13,65
1784	Shell-Thin	SLE-ENVE	Min	0	0	0	-7,8819	-1,8094	-11,5543	-87,55	-13,65
1784	Shell-Thin	SLE-ENVE	Min	0	0	0	-16,2588	-2,844	-12,8637	-87,55	-5,88
1785	Shell-Thin	SLU-ENVE	Max	0	0	0	8,4762	1,6685	4,9643	0,36	10,68
1785	Shell-Thin	SLU-ENVE	Max	0	0	0	67,6023	16,6828	4,9252	0,36	7,09
1785	Shell-Thin	SLU-ENVE	Max	0	0	0	76,4137	11,4456	4,9349	2,4	7,09
1785	Shell-Thin	SLU-ENVE	Max	0	0	0	8,7441	1,7259	4,974	2,4	10,68
1785	Shell-Thin	SLU-ENVE	Min	0	0	0	-32,5234	-5,5125	-22,2836	-157,43	-
											0,03664
1785	Shell-Thin	SLU-ENVE	Min	0	0	0	-19,6757	-4,1472	-20,5929	-157,43	0,5
1785	Shell-Thin	SLU-ENVE	Min	0	0	0	-21,7704	-4,8445	-20,4667	-180,51	0,5
1785	Shell-Thin	SLU-ENVE	Min	0	0	0	-37,11	-8,8521	-22,1574	-180,51	-
											0,03664
1785	Shell-Thin	SLE-ENVE	Max	0	0	0	5,4744	1,0263	2,6411	-4,01	6,01
1785	Shell-Thin	SLE-ENVE	Max	0	0	0	38,559	9,4128	2,6294	-4,01	3,98
1785	Shell-Thin	SLE-ENVE	Max	0	0	0	43,4648	6,4772	2,6037	-2,92	3,98
1785	Shell-Thin	SLE-ENVE	Max	0	0	0	5,6994	1,0163	2,6154	-2,92	6,01
1785	Shell-Thin	SLE-ENVE	Min	0	0	0	-16,2473	-2,7865	-12,4203	-87,69	0,04321
1785	Shell-Thin	SLE-ENVE	Min	0	0	0	-7,8858	-1,8291	-11,4761	-87,69	0,37
1785	Shell-Thin	SLE-ENVE	Min	0	0	0	-9,0292	-2,2817	-11,4161	-100,53	0,37
1785	Shell-Thin	SLE-ENVE	Min	0	0	0	-18,7893	-4,6875	-12,3603	-100,53	0,04321
1787	Shell-Thin	SLU-ENVE	Max	0	0	0	9,0896	1,4076	5,219	3,63	2,24
1787	Shell-Thin	SLU-ENVE	Max	0	0	0	85,9793	15,7422	5,0984	3,63	30,9
1787	Shell-Thin	SLU-ENVE	Max	0	0	0	100,9191	0,3382	5,2196	4,36	30,9
1787	Shell-Thin	SLU-ENVE	Max	0	0	0	9,5639	0,4933	4,9209	4,36	2,24
1787	Shell-Thin	SLU-ENVE	Min	0	0	0	-39,7485	-5,0421	-24,2073	-187,22	-12,97
1787	Shell-Thin	SLU-ENVE	Min	0	0	0	-24,366	-3,3923	-21,3552	-187,22	-4,53
1787	Shell-Thin	SLU-ENVE	Min	0	0	0	-26,4622	-2,5623	-27,1377	-225,47	-4,53
1787	Shell-Thin	SLU-ENVE	Min	0	0	0	-42,9461	-0,0618	-29,9898	-225,47	-12,97
1787	Shell-Thin	SLE-ENVE	Max	0	0	0	5,9635	0,7977	2,6559	-1,92	1,13
1787	Shell-Thin	SLE-ENVE	Max	0	0	0	48,7921	8,815	2,5646	-1,92	17,34
1787	Shell-Thin	SLE-ENVE	Max	0	0	0	57,1429	0,098	2,4733	-2	17,34

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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
1787	Shell-Thin	SLE-ENVE	Max	0	0	0	6,2971	0,2822	2,2599	-2	1,13
1787	Shell-Thin	SLE-ENVE	Min	0	0	0	-20,2157	-2,6676	-13,543	-104,23	-7,14
1787	Shell-Thin	SLE-ENVE	Min	0	0	0	-10,4554	-1,6	-11,9359	-104,23	-1,89
1787	Shell-Thin	SLE-ENVE	Min	0	0	0	-11,4443	-1,4597	-15,168	-125,53	-1,89
1787	Shell-Thin	SLE-ENVE	Min	0	0	0	-21,9695	-0,0119	-16,7751	-125,53	-7,14
1821	Shell-Thin	SLU-ENVE	Max	0	0	0	37,5229	2,5464	4,5233	6,22	3,57
1821	Shell-Thin	SLU-ENVE	Max	0	0	0	71,4382	2,3898	3,794	6,22	4,25
1821	Shell-Thin	SLU-ENVE	Max	0	0	0	87,0841	11,6871	3,8434	8,09	4,25
1821	Shell-Thin	SLU-ENVE	Max	0	0	0	52,6337	6,8999	4,5727	8,09	3,57
1821	Shell-Thin	SLU-ENVE	Min	0	0	0	-13,339	-4,5776	-12,4928	-41,67	-33,97
1821	Shell-Thin	SLU-ENVE	Min	0	0	0	-3,6394	-0,7189	-3,6821	-41,67	-31,3
1821	Shell-Thin	SLU-ENVE	Min	0	0	0	-6,2424	-1,5741	-4,0422	-42,34	-31,3
1821	Shell-Thin	SLU-ENVE	Min	0	0	0	-16,6253	-3,4408	-12,853	-42,34	-33,97
1821	Shell-Thin	SLE-ENVE	Max	0	0	0	21,8375	1,839	2,4884	0,84	2,03
1821	Shell-Thin	SLE-ENVE	Max	0	0	0	41,2318	2,1128	2,0968	0,84	2,43
1821	Shell-Thin	SLE-ENVE	Max	0	0	0	49,9306	6,7526	2,116	1,88	2,43
1821	Shell-Thin	SLE-ENVE	Max	0	0	0	30,2368	3,994	2,5076	1,88	2,03
1821	Shell-Thin	SLE-ENVE	Min	0	0	0	-4,3859	-2,3709	-6,9493	-23,84	-18,86
1821	Shell-Thin	SLE-ENVE	Min	0	0	0	2,117	0,3475	-2,0489	-23,84	-17,37
1821	Shell-Thin	SLE-ENVE	Min	0	0	0	0,6827	-0,1604	-2,2515	-24,21	-17,37
1821	Shell-Thin	SLE-ENVE	Min	0	0	0	-6,2037	-1,3937	-7,1518	-24,21	-18,86
1822	Shell-Thin	SLU-ENVE	Max	0	0	0	52,6034	6,7482	4,6034	8,23	3,54
1822	Shell-Thin	SLU-ENVE	Max	0	0	0	87,0724	11,6282	3,8338	8,23	3,35
1822	Shell-Thin	SLU-ENVE	Max	0	0	0	104,0813	20,4369	3,8146	10	3,35
1822	Shell-Thin	SLU-ENVE	Max	0	0	0	67,5986	16,6897	4,5843	10	3,54
1822	Shell-Thin	SLU-ENVE	Min	0	0	0	-16,6188	-3,4082	-13,6947	-41,64	-31,66
1822	Shell-Thin	SLU-ENVE	Min	0	0	0	-6,2423	-1,5737	-4,2767	-41,64	-29,39
1822	Shell-Thin	SLU-ENVE	Min	0	0	0	-8,6719	-2,1735	-5,0011	-44,15	-29,39
1822	Shell-Thin	SLU-ENVE	Min	0	0	0	-19,6158	-4,1013	-14,4191	-44,15	-31,66
1822	Shell-Thin	SLE-ENVE	Max	0	0	0	30,2199	3,9098	2,5081	1,97	2,02
1822	Shell-Thin	SLE-ENVE	Max	0	0	0	49,9241	6,7199	2,1066	1,97	1,95
1822	Shell-Thin	SLE-ENVE	Max	0	0	0	59,3883	11,5922	2,0824	2,93	1,95
1822	Shell-Thin	SLE-ENVE	Max	0	0	0	38,5576	9,4166	2,4839	2,93	2,02
1822	Shell-Thin	SLE-ENVE	Min	0	0	0	-6,2001	-1,3754	-7,6248	-23,82	-17,57
1822	Shell-Thin	SLE-ENVE	Min	0	0	0	0,6827	-0,1601	-2,3827	-23,82	-16,3
1822	Shell-Thin	SLE-ENVE	Min	0	0	0	-0,6368	-0,5497	-2,7891	-25,23	-16,3
1822	Shell-Thin	SLE-ENVE	Min	0	0	0	-7,8507	-1,8032	-8,0312	-25,23	-17,57
1823	Shell-Thin	SLU-ENVE	Max	0	0	0	67,597	16,6818	4,5837	10,02	3,3
1823	Shell-Thin	SLU-ENVE	Max	0	0	0	104,0789	20,4251	3,7386	10,02	2,07
1823	Shell-Thin	SLU-ENVE	Max	0	0	0	121,5138	21,3382	3,7124	11,73	2,07
1823	Shell-Thin	SLU-ENVE	Max	0	0	0	76,3689	11,4366	4,5575	11,73	3,3
1823	Shell-Thin	SLU-ENVE	Min	0	0	0	-19,6229	-4,1366	-15,0177	-44,9	-0,79
1823	Shell-Thin	SLU-ENVE	Min	0	0	0	-8,6711	-2,1693	-5,9933	-44,9	-13,11
1823	Shell-Thin	SLU-ENVE	Min	0	0	0	-11,0972	-2,2746	-6,3423	-55,73	-13,11
1823	Shell-Thin	SLU-ENVE	Min	0	0	0	-21,8305	-4,8565	-15,3667	-55,73	-0,79
1823	Shell-Thin	SLE-ENVE	Max	0	0	0	38,5568	9,4123	2,4577	2,96	1,92
1823	Shell-Thin	SLE-ENVE	Max	0	0	0	59,387	11,5858	2,0318	2,96	1,25
1823	Shell-Thin	SLE-ENVE	Max	0	0	0	69,1001	12,0654	1,9954	3,85	1,25
1823	Shell-Thin	SLE-ENVE	Max	0	0	0	43,4411	6,4724	2,4213	3,85	1,92
1823	Shell-Thin	SLE-ENVE	Min	0	0	0	-7,8546	-1,8228	-8,3718	-25,64	-0,41

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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
1823	Shell-Thin	SLE-ENVE	Min	0	0	0	-0,6362	-0,5471	-3,342	-25,64	-7,25
1823	Shell-Thin	SLE-ENVE	Min	0	0	0	-1,9227	-0,6791	-3,5414	-31,68	-7,25
1823	Shell-Thin	SLE-ENVE	Min	0	0	0	-9,0607	-2,288	-8,5712	-31,68	-0,41
1825	Shell-Thin	SLU-ENVE	Max	0	0	0	87,3391	16,0142	5,1652	13,14	26,29
1825	Shell-Thin	SLU-ENVE	Max	0	0	0	138,9083	23,4065	3,9377	13,14	11,5
1825	Shell-Thin	SLU-ENVE	Max	0	0	0	152,8783	11,4337	4,3913	21,37	11,5
1825	Shell-Thin	SLU-ENVE	Max	0	0	0	96,9698	0,364	5,6189	21,37	26,29
1825	Shell-Thin	SLU-ENVE	Min	0	0	0	-24,3148	-3,382	-16,5718	-64,64	-5,86
1825	Shell-Thin	SLU-ENVE	Min	0	0	0	-13,1633	-2,0374	-6,6157	-64,64	-0,4
1825	Shell-Thin	SLU-ENVE	Min	0	0	0	-14,1013	-1,0226	-6,5268	-70,06	-0,4
1825	Shell-Thin	SLU-ENVE	Min	0	0	0	-26,3332	-3,3522	-16,483	-70,06	-5,86
1825	Shell-Thin	SLE-ENVE	Max	0	0	0	49,5516	8,9669	2,6342	4,43	14,78
1825	Shell-Thin	SLE-ENVE	Max	0	0	0	78,8066	13,2026	2,0827	4,43	6,5
1825	Shell-Thin	SLE-ENVE	Max	0	0	0	86,5936	6,4766	2,3358	8,97	6,5
1825	Shell-Thin	SLE-ENVE	Max	0	0	0	54,9391	0,1064	2,8874	8,97	14,78
1825	Shell-Thin	SLE-ENVE	Min	0	0	0	-10,4137	-1,5916	-9,2593	-36,68	-2,61
1825	Shell-Thin	SLE-ENVE	Min	0	0	0	-2,9633	-0,5864	-3,695	-36,68	0,0889
1825	Shell-Thin	SLE-ENVE	Min	0	0	0	-3,4473	-0,2388	-3,6389	-39,68	0,0889
1825	Shell-Thin	SLE-ENVE	Min	0	0	0	-11,4025	-1,9004	-9,2032	-39,68	-2,61
1859	Shell-Thin	SLU-ENVE	Max	0	0	0	65,355	0,8053	6,8301	49,25	5,78
1859	Shell-Thin	SLU-ENVE	Max	0	0	0	35,2854	-1,8327	13,1657	49,25	7,53
1859	Shell-Thin	SLU-ENVE	Max	0	0	0	49,6578	5,9799	13,5967	50,26	7,53
1859	Shell-Thin	SLU-ENVE	Max	0	0	0	80,3312	10,4557	7,2611	50,26	5,78
1859	Shell-Thin	SLU-ENVE	Min	0	0	0	-7,9742	-0,9782	-1,4095	14,2	-29,88
1859	Shell-Thin	SLU-ENVE	Min	0	0	0	-24,8798	-4,3926	-2,86	14,2	-31,3
1859	Shell-Thin	SLU-ENVE	Min	0	0	0	-30,0233	-5,7708	-2,8619	15,1	-31,3
1859	Shell-Thin	SLU-ENVE	Min	0	0	0	-10,5955	-1,8915	-1,4114	15,1	-29,88
1859	Shell-Thin	SLE-ENVE	Max	0	0	0	37,8587	1,2873	3,7993	28,09	3,3
1859	Shell-Thin	SLE-ENVE	Max	0	0	0	20,7152	-0,3115	7,3231	28,09	4,26
1859	Shell-Thin	SLE-ENVE	Max	0	0	0	28,7047	3,5057	7,5652	28,65	4,26
1859	Shell-Thin	SLE-ENVE	Max	0	0	0	46,1845	6,0707	4,0414	28,65	3,3
1859	Shell-Thin	SLE-ENVE	Min	0	0	0	1,2577	0,1832	-0,7731	9,45	-16,57
1859	Shell-Thin	SLE-ENVE	Min	0	0	0	-8,6955	-2,2445	-1,5707	9,45	-17,37
1859	Shell-Thin	SLE-ENVE	Min	0	0	0	-11,5407	-2,3035	-1,5657	9,96	-17,37
1859	Shell-Thin	SLE-ENVE	Min	0	0	0	-0,2095	-0,3119	-0,7681	9,96	-16,57
1860	Shell-Thin	SLU-ENVE	Max	0	0	0	80,3268	10,4336	7,558	49,72	5,14
1860	Shell-Thin	SLU-ENVE	Max	0	0	0	49,6253	5,8171	14,422	49,72	7,02
1860	Shell-Thin	SLU-ENVE	Max	0	0	0	64,1362	14,8752	15,1473	52,9	7,02
1860	Shell-Thin	SLU-ENVE	Max	0	0	0	96,7452	18,7432	8,2833	52,9	5,14
1860	Shell-Thin	SLU-ENVE	Min	0	0	0	-10,5919	-1,8735	-1,392	14,73	-28,06
1860	Shell-Thin	SLU-ENVE	Min	0	0	0	-30,0231	-5,77	-2,7375	14,73	-29,56
1860	Shell-Thin	SLU-ENVE	Min	0	0	0	-34,9516	-7,8579	-2,6402	15,3	-29,56
1860	Shell-Thin	SLU-ENVE	Min	0	0	0	-13,1363	-3,0199	-1,2947	15,3	-28,06
1860	Shell-Thin	SLE-ENVE	Max	0	0	0	46,1821	6,0583	4,2079	28,34	2,97
1860	Shell-Thin	SLE-ENVE	Max	0	0	0	28,6866	3,4154	8,0288	28,34	3,99
1860	Shell-Thin	SLE-ENVE	Max	0	0	0	36,7569	8,4308	8,4361	30,12	3,99
1860	Shell-Thin	SLE-ENVE	Max	0	0	0	55,3175	10,6535	4,6152	30,12	2,97
1860	Shell-Thin	SLE-ENVE	Min	0	0	0	-0,2096	-0,3122	-0,7536	9,75	-15,56
1860	Shell-Thin	SLE-ENVE	Min	0	0	0	-11,5405	-2,3027	-1,4847	9,75	-16,4
1860	Shell-Thin	SLE-ENVE	Min	0	0	0	-14,2541	-3,5252	-1,4206	10,08	-16,4

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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
1860	Shell-Thin	SLE-ENVE	Min	0	0	0	-1,5949	-0,7664	-0,6895	10,08	-15,56
1861	Shell-Thin	SLU-ENVE	Max	0	0	0	96,7486	18,7606	9,1259	53,85	3,78
1861	Shell-Thin	SLU-ENVE	Max	0	0	0	64,1355	14,8716	15,8541	53,85	4,63
1861	Shell-Thin	SLU-ENVE	Max	0	0	0	72,8425	10,0828	16,1053	68,35	4,63
1861	Shell-Thin	SLU-ENVE	Max	0	0	0	114,1512	19,5318	9,377	68,35	3,78
1861	Shell-Thin	SLU-ENVE	Min	0	0	0	-13,1337	-3,0074	-1,3094	15,61	-12,76
1861	Shell-Thin	SLU-ENVE	Min	0	0	0	-34,9546	-7,873	-2,471	15,61	-1,64
1861	Shell-Thin	SLU-ENVE	Min	0	0	0	-39,2739	-8,7898	-2,4991	14,72	-1,64
1861	Shell-Thin	SLU-ENVE	Min	0	0	0	-15,7997	-3,5029	-1,3375	14,72	-12,76
1861	Shell-Thin	SLE-ENVE	Max	0	0	0	55,3195	10,6634	5,0856	30,65	2,24
1861	Shell-Thin	SLE-ENVE	Max	0	0	0	36,7565	8,429	8,8369	30,65	2,7
1861	Shell-Thin	SLE-ENVE	Max	0	0	0	41,608	5,7428	8,9825	38,72	2,7
1861	Shell-Thin	SLE-ENVE	Max	0	0	0	65,0159	11,0639	5,2312	38,72	2,24
1861	Shell-Thin	SLE-ENVE	Min	0	0	0	-1,5948	-0,7588	-0,6916	10,24	-7,05
1861	Shell-Thin	SLE-ENVE	Min	0	0	0	-14,2557	-3,5333	-1,3076	10,24	-0,88
1861	Shell-Thin	SLE-ENVE	Min	0	0	0	-16,6173	-4,1441	-1,3077	9,8	-0,88
1861	Shell-Thin	SLE-ENVE	Min	0	0	0	-2,9425	-1,1363	-0,6917	9,8	-7,05
1863	Shell-Thin	SLU-ENVE	Max	0	0	0	132,1274	21,121	9,6692	79,75	2,79
1863	Shell-Thin	SLU-ENVE	Max	0	0	0	84,2851	15,6637	18,2164	79,75	23,36
1863	Shell-Thin	SLU-ENVE	Max	0	0	0	93,5653	0,4017	18,2111	96,69	23,36
1863	Shell-Thin	SLU-ENVE	Max	0	0	0	151,5712	12,6025	9,664	96,69	2,79
1863	Shell-Thin	SLU-ENVE	Min	0	0	0	-18,1194	-3,3781	-1,2225	13,93	-3,16
1863	Shell-Thin	SLU-ENVE	Min	0	0	0	-42,7733	-6,3918	-2,3626	13,93	-11,93
1863	Shell-Thin	SLU-ENVE	Min	0	0	0	-47,6325	-3,1401	-1,5912	14,9	-11,93
1863	Shell-Thin	SLU-ENVE	Min	0	0	0	-16,6533	-1,3726	-0,4511	14,9	-3,16
1863	Shell-Thin	SLE-ENVE	Max	0	0	0	75,0552	11,9325	5,3977	45,16	1,62
1863	Shell-Thin	SLE-ENVE	Max	0	0	0	47,9824	8,7998	10,1754	45,16	13,2
1863	Shell-Thin	SLE-ENVE	Max	0	0	0	53,1868	0,135	10,1583	54,53	13,2
1863	Shell-Thin	SLE-ENVE	Max	0	0	0	85,8871	7,14	5,3805	54,53	1,62
1863	Shell-Thin	SLE-ENVE	Min	0	0	0	-4,1872	-1,1318	-0,611	9,63	-1,42
1863	Shell-Thin	SLE-ENVE	Min	0	0	0	-18,5206	-3,0033	-1,1621	9,63	-5,47
1863	Shell-Thin	SLE-ENVE	Min	0	0	0	-20,9554	-1,7805	-0,7718	10,05	-5,47
1863	Shell-Thin	SLE-ENVE	Min	0	0	0	-4,9263	-0,406	-0,2207	10,05	-1,42
1897	Shell-Thin	SLU-ENVE	Max	0	0	0	35,2492	-1,8347	17,8326	87,69	9,69
1897	Shell-Thin	SLU-ENVE	Max	0	0	0	-10,0526	-4,8533	20,0404	87,69	11,04
1897	Shell-Thin	SLU-ENVE	Max	0	0	0	-10,8859	-4,1567	21,4979	118,08	11,04
1897	Shell-Thin	SLU-ENVE	Max	0	0	0	49,6103	5,9704	19,29	118,08	9,69
1897	Shell-Thin	SLU-ENVE	Min	0	0	0	-24,8952	-4,3998	-4,2955	26,46	-25,16
1897	Shell-Thin	SLU-ENVE	Min	0	0	0	-42,5424	-8,4366	-5,6028	26,46	-12,98
1897	Shell-Thin	SLU-ENVE	Min	0	0	0	-50,6761	-9,7562	-5,6277	25,4	-12,98
1897	Shell-Thin	SLU-ENVE	Min	0	0	0	-30,0251	-5,7712	-4,3204	25,4	-25,16
1897	Shell-Thin	SLE-ENVE	Max	0	0	0	20,695	-0,3127	9,9182	49,05	5,46
1897	Shell-Thin	SLE-ENVE	Max	0	0	0	-4,645	-2,2268	11,147	49,05	6,18
1897	Shell-Thin	SLE-ENVE	Max	0	0	0	-5,1056	-2,1476	11,9612	65,94	6,18
1897	Shell-Thin	SLE-ENVE	Max	0	0	0	28,678	3,5004	10,7323	65,94	5,46
1897	Shell-Thin	SLE-ENVE	Min	0	0	0	-8,7045	-2,2486	-2,3639	17,13	-13,96
1897	Shell-Thin	SLE-ENVE	Min	0	0	0	-19,6535	-4,5173	-3,0856	17,13	-7,2
1897	Shell-Thin	SLE-ENVE	Min	0	0	0	-24,1668	-4,706	-3,0886	16,55	-7,2
1897	Shell-Thin	SLE-ENVE	Min	0	0	0	-11,5424	-2,3038	-2,3669	16,55	-13,96
1898	Shell-Thin	SLU-ENVE	Max	0	0	0	49,5777	5,8076	20,0948	120,58	9,2



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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
1898	Shell-Thin	SLU-ENVE	Max	0	0	0	-10,8941	-4,1978	22,3681	120,58	11,14
1898	Shell-Thin	SLU-ENVE	Max	0	0	0	-12,1499	-1,5906	22,5516	152,09	11,14
1898	Shell-Thin	SLU-ENVE	Max	0	0	0	64,0783	14,8636	20,2782	152,09	9,2
1898	Shell-Thin	SLU-ENVE	Min	0	0	0	-30,0249	-5,7704	-4,1787	24,52	-22,66
1898	Shell-Thin	SLU-ENVE	Min	0	0	0	-50,6737	-9,7441	-5,4665	24,52	-9,76
1898	Shell-Thin	SLU-ENVE	Min	0	0	0	-58,8551	-	-5,1806	23,13	-9,76
								12,8015			
1898	Shell-Thin	SLU-ENVE	Min	0	0	0	-34,9436	-7,8563	-3,8927	23,13	-22,66
1898	Shell-Thin	SLE-ENVE	Max	0	0	0	28,6599	3,4101	11,1844	67,32	5,21
1898	Shell-Thin	SLE-ENVE	Max	0	0	0	-5,1101	-2,1704	12,4509	67,32	6,26
1898	Shell-Thin	SLE-ENVE	Max	0	0	0	-5,8047	-0,7311	12,5601	84,84	6,26
1898	Shell-Thin	SLE-ENVE	Max	0	0	0	36,7244	8,4243	11,2936	84,84	5,21
1898	Shell-Thin	SLE-ENVE	Min	0	0	0	-11,5422	-2,3031	-2,2763	16,05	-12,56
1898	Shell-Thin	SLE-ENVE	Min	0	0	0	-24,1655	-4,6994	-2,9837	16,05	-5,41
1898	Shell-Thin	SLE-ENVE	Min	0	0	0	-28,7005	-6,4417	-2,8084	15,3	-5,41
1898	Shell-Thin	SLE-ENVE	Min	0	0	0	-14,2511	-3,5246	-2,101	15,3	-12,56
1899	Shell-Thin	SLU-ENVE	Max	0	0	0	64,0776	14,8601	20,3187	152,3	6,55
1899	Shell-Thin	SLU-ENVE	Max	0	0	0	-12,1174	-1,4278	21,9602	152,3	10,79
1899	Shell-Thin	SLU-ENVE	Max	0	0	0	-14,9577	-6,2105	22,0056	175,6	10,79
1899	Shell-Thin	SLU-ENVE	Max	0	0	0	72,8869	10,0917	20,3641	175,6	6,55
1899	Shell-Thin	SLU-ENVE	Min	0	0	0	-34,9466	-7,8714	-3,5532	23,74	3,55
1899	Shell-Thin	SLU-ENVE	Min	0	0	0	-58,838	-12,716	-4,8064	23,74	5,47
1899	Shell-Thin	SLU-ENVE	Min	0	0	0	-66,3865	-	-4,7679	29,44	5,47
								14,3298			
1899	Shell-Thin	SLU-ENVE	Min	0	0	0	-39,2471	-8,7845	-3,5148	29,44	3,55
1899	Shell-Thin	SLE-ENVE	Max	0	0	0	36,724	8,4225	11,324	84,95	3,81
1899	Shell-Thin	SLE-ENVE	Max	0	0	0	-5,7867	-0,6409	12,2416	84,95	6,07
1899	Shell-Thin	SLE-ENVE	Max	0	0	0	-7,3607	-3,3181	12,2773	97,91	6,07
1899	Shell-Thin	SLE-ENVE	Max	0	0	0	41,632	5,7476	11,3598	97,91	3,81
1899	Shell-Thin	SLE-ENVE	Min	0	0	0	-14,2528	-3,5327	-1,8942	15,63	2,07
1899	Shell-Thin	SLE-ENVE	Min	0	0	0	-28,6908	-6,3931	-2,5786	15,63	3,11
1899	Shell-Thin	SLE-ENVE	Min	0	0	0	-32,8713	-7,3662	-2,5323	18,83	3,11
1899	Shell-Thin	SLE-ENVE	Min	0	0	0	-16,6037	-4,1414	-1,8479	18,83	2,07
1901	Shell-Thin	SLU-ENVE	Max	0	0	0	83,3224	15,4712	21,6681	185,57	31,36
1901	Shell-Thin	SLU-ENVE	Max	0	0	0	-15,0938	-3,3536	24,1125	185,57	-5,41
1901	Shell-Thin	SLU-ENVE	Max	0	0	0	-18,8845	0,5378	29,743	218,51	-5,41
1901	Shell-Thin	SLU-ENVE	Max	0	0	0	95,9997	0,4137	27,2986	218,51	31,36
1901	Shell-Thin	SLU-ENVE	Min	0	0	0	-43,2314	-6,4834	-3,7373	26,54	-7,69
1901	Shell-Thin	SLU-ENVE	Min	0	0	0	-72,7391	-11,087	-5,2085	26,54	-15,71
1901	Shell-Thin	SLU-ENVE	Min	0	0	0	-80,1428	-0,1872	-4,3126	28,08	-15,71
1901	Shell-Thin	SLU-ENVE	Min	0	0	0	-46,8883	-2,6533	-2,8413	28,08	-7,69
1901	Shell-Thin	SLE-ENVE	Max	0	0	0	47,4467	8,6926	12,1083	103,44	17,64
1901	Shell-Thin	SLE-ENVE	Max	0	0	0	-7,4196	-1,7908	13,4917	103,44	-2,91
1901	Shell-Thin	SLE-ENVE	Max	0	0	0	-9,4954	0,307	16,6404	121,78	-2,91
1901	Shell-Thin	SLE-ENVE	Max	0	0	0	54,5421	0,1439	15,257	121,78	17,64
1901	Shell-Thin	SLE-ENVE	Min	0	0	0	-18,7691	-3,053	-1,8969	17,06	-3,18
1901	Shell-Thin	SLE-ENVE	Min	0	0	0	-36,3308	-5,7809	-2,652	17,06	-8,28
1901	Shell-Thin	SLE-ENVE	Min	0	0	0	-40,3178	-0,0707	-2,0593	18,16	-8,28
1901	Shell-Thin	SLE-ENVE	Min	0	0	0	-20,5445	-1,5094	-1,3043	18,16	-3,18
1935	Shell-Thin	SLU-ENVE	Max	0	0	0	-10,2201	-4,8554	19,1707	111,26	14,07

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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
1935	Shell-Thin	SLU-ENVE	Max	0	0	0	-47,0615	-8,8625	14,4962	111,26	17,17
1935	Shell-Thin	SLU-ENVE	Max	0	0	0	-54,4886	-	15,9507	152,92	17,17
								10,5254			
1935	Shell-Thin	SLU-ENVE	Max	0	0	0	-10,9851	-4,1765	20,6251	152,92	14,07
1935	Shell-Thin	SLU-ENVE	Min	0	0	0	-42,5648	-8,4701	-7,5246	37,29	0,46
1935	Shell-Thin	SLU-ENVE	Min	0	0	0	-67,3044	-	-11,5795	37,29	3,92
								14,3772			
1935	Shell-Thin	SLU-ENVE	Min	0	0	0	-88,9001	-18,288	-11,7022	42,5	3,92
1935	Shell-Thin	SLU-ENVE	Min	0	0	0	-50,7268	-9,7663	-7,6472	42,5	0,46
1935	Shell-Thin	SLE-ENVE	Max	0	0	0	-4,7382	-2,2279	10,665	61,79	7,87
1935	Shell-Thin	SLE-ENVE	Max	0	0	0	-25,5842	-4,8095	8,0691	61,79	9,55
1935	Shell-Thin	SLE-ENVE	Max	0	0	0	-30,0322	-5,8216	8,8826	84,94	9,55
1935	Shell-Thin	SLE-ENVE	Max	0	0	0	-5,1605	-2,1585	11,4786	84,94	7,87
1935	Shell-Thin	SLE-ENVE	Min	0	0	0	-19,666	-4,5359	-4,1421	24,47	0,3
1935	Shell-Thin	SLE-ENVE	Min	0	0	0	-36,4482	-7,8059	-6,3921	24,47	2,19
1935	Shell-Thin	SLE-ENVE	Min	0	0	0	-48,4463	-9,9827	-6,4432	27,37	2,19
1935	Shell-Thin	SLE-ENVE	Min	0	0	0	-24,1955	-4,7118	-4,1932	27,37	0,3
1936	Shell-Thin	SLU-ENVE	Max	0	0	0	-10,9933	-4,2176	21,511	155,46	14,56
1936	Shell-Thin	SLU-ENVE	Max	0	0	0	-54,489	-	16,4971	155,46	19,83
								10,5276			
1936	Shell-Thin	SLU-ENVE	Max	0	0	0	-63,2892	-	16,617	201,29	19,83
								11,3084			
1936	Shell-Thin	SLU-ENVE	Max	0	0	0	-11,788	-1,5183	21,6309	201,29	14,56
1936	Shell-Thin	SLU-ENVE	Min	0	0	0	-50,7243	-9,7542	-7,5553	42,1	2,46
1936	Shell-Thin	SLU-ENVE	Min	0	0	0	-88,8407	-	-11,8086	42,1	5,06
								17,9911			
1936	Shell-Thin	SLU-ENVE	Min	0	0	0	-112,5529	-	-11,682	49,25	5,06
								22,8918			
1936	Shell-Thin	SLU-ENVE	Min	0	0	0	-58,7436	-	-7,4288	49,25	2,46
								12,7792			
1936	Shell-Thin	SLE-ENVE	Max	0	0	0	-5,165	-2,1814	11,9767	86,35	8,16
1936	Shell-Thin	SLE-ENVE	Max	0	0	0	-30,0322	-5,8214	9,1932	86,35	11,02
1936	Shell-Thin	SLE-ENVE	Max	0	0	0	-34,9306	-6,2221	9,2674	111,81	11,02
1936	Shell-Thin	SLE-ENVE	Max	0	0	0	-5,6045	-0,691	12,0509	111,81	8,16
1936	Shell-Thin	SLE-ENVE	Min	0	0	0	-24,1942	-4,7051	-4,1223	27,13	1,42
1936	Shell-Thin	SLE-ENVE	Min	0	0	0	-48,4134	-9,8182	-6,4796	27,13	2,83
1936	Shell-Thin	SLE-ENVE	Min	0	0	0	-61,5815	-	-6,3826	31,14	2,83
								12,5431			
1936	Shell-Thin	SLE-ENVE	Min	0	0	0	-28,6371	-6,429	-4,0254	31,14	1,42
1937	Shell-Thin	SLU-ENVE	Max	0	0	0	-11,7554	-1,3554	20,9132	202,22	19,04
1937	Shell-Thin	SLU-ENVE	Max	0	0	0	-63,3586	-	16,4046	202,22	18,67
								11,7434			
1937	Shell-Thin	SLU-ENVE	Max	0	0	0	-72,5545	-	16,2372	233,5	18,67
								15,2028			
1937	Shell-Thin	SLU-ENVE	Max	0	0	0	-15,7377	-6,3665	20,7458	233,5	19,04
1937	Shell-Thin	SLU-ENVE	Min	0	0	0	-58,7265	-	-7,4172	49,45	7,85
								12,6937			
1937	Shell-Thin	SLU-ENVE	Min	0	0	0	-112,6974	-	-11,428	49,45	9,27
								23,6143			
1937	Shell-Thin	SLU-ENVE	Min	0	0	0	-132,3192	-	-11,3865	55,45	9,27
								28,4159			

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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
1937	Shell-Thin	SLU-ENVE	Min	0	0	0	-66,7365	-	-7,3757	55,45	7,85
								14,3998			
1937	Shell-Thin	SLE-ENVE	Max	0	0	0	-5,5865	-0,6009	11,6622	112,31	10,61
1937	Shell-Thin	SLE-ENVE	Max	0	0	0	-34,9704	-6,4641	9,159	112,31	10,41
1937	Shell-Thin	SLE-ENVE	Max	0	0	0	-39,6337	-8,3832	9,0795	129,71	10,41
1937	Shell-Thin	SLE-ENVE	Max	0	0	0	-7,792	-3,4044	11,5828	129,71	10,61
1937	Shell-Thin	SLE-ENVE	Min	0	0	0	-28,6274	-6,3804	-3,9906	31,24	4,45
1937	Shell-Thin	SLE-ENVE	Min	0	0	0	-61,6613	-	-6,2064	31,24	5,17
								12,9421			
1937	Shell-Thin	SLE-ENVE	Min	0	0	0	-72,5666	-	-6,144	34,5	5,17
								15,6146			
1937	Shell-Thin	SLE-ENVE	Min	0	0	0	-33,0706	-7,4061	-3,9283	34,5	4,45
1939	Shell-Thin	SLU-ENVE	Max	0	0	0	-17,6761	-3,8701	23,3337	254,22	3,44
1939	Shell-Thin	SLU-ENVE	Max	0	0	0	-79,1771	-	16,4854	254,22	-26,21
								17,5347			
1939	Shell-Thin	SLU-ENVE	Max	0	0	0	-89,8836	-0,4285	21,3196	313,37	-26,21
1939	Shell-Thin	SLU-ENVE	Max	0	0	0	-15,2701	1,2606	28,168	313,37	3,44
1939	Shell-Thin	SLU-ENVE	Min	0	0	0	-73,7929	-	-7,6441	58,14	-11,21
								11,2978			
1939	Shell-Thin	SLU-ENVE	Min	0	0	0	-149,6192	-	-13,3916	58,14	-57,13
								36,7557			
1939	Shell-Thin	SLU-ENVE	Min	0	0	0	-176,7883	-1,3417	-12,7339	72,56	-57,13
1939	Shell-Thin	SLU-ENVE	Min	0	0	0	-78,9404	0,0533	-6,9864	72,56	-11,21
1939	Shell-Thin	SLE-ENVE	Max	0	0	0	-8,8498	-2,0769	13,0784	141,29	1,99
1939	Shell-Thin	SLE-ENVE	Max	0	0	0	-43,3112	-9,7325	9,2975	141,29	-14,56
1939	Shell-Thin	SLE-ENVE	Max	0	0	0	-49,3283	-0,252	12,0037	174,11	-14,56
1939	Shell-Thin	SLE-ENVE	Max	0	0	0	-7,4893	0,7082	15,7846	174,11	1,99
1939	Shell-Thin	SLE-ENVE	Min	0	0	0	-36,931	-5,9009	-3,8493	35,88	-5,69
1939	Shell-Thin	SLE-ENVE	Min	0	0	0	-82,2008	-	-6,974	35,88	-31,47
								20,2592			
1939	Shell-Thin	SLE-ENVE	Min	0	0	0	-97,2493	-0,7421	-6,4775	44,26	-31,47
1939	Shell-Thin	SLE-ENVE	Min	0	0	0	-39,6291	0,0671	-3,3528	44,26	-5,69
1973	Shell-Thin	SLU-ENVE	Max	0	0	0	-47,1539	-8,8627	8,4804	111,89	31,15
1973	Shell-Thin	SLU-ENVE	Max	0	0	0	-59,2769	-	1,4585	111,89	40,2
								11,7912			
1973	Shell-Thin	SLU-ENVE	Max	0	0	0	-69,5554	-	1,8249	164,57	40,2
								14,0722			
1973	Shell-Thin	SLU-ENVE	Max	0	0	0	-54,4167	-10,511	8,8468	164,57	31,15
1973	Shell-Thin	SLU-ENVE	Min	0	0	0	-67,3673	-	-15,2499	39,44	11,28
								14,3898			
1973	Shell-Thin	SLU-ENVE	Min	0	0	0	-101,1527	-	-18,774	39,44	11,84
								19,9386			
1973	Shell-Thin	SLU-ENVE	Min	0	0	0	-138,3705	-	-19,358	48,22	11,84
								28,3352			
1973	Shell-Thin	SLU-ENVE	Min	0	0	0	-88,7784	-	-15,8339	48,22	11,28
								18,2637			
1973	Shell-Thin	SLE-ENVE	Max	0	0	0	-25,5853	-4,8097	4,7265	61,86	17,32
1973	Shell-Thin	SLE-ENVE	Max	0	0	0	-33,7103	-6,7045	0,8252	61,86	22,33
1973	Shell-Thin	SLE-ENVE	Max	0	0	0	-39,4279	-7,9804	1,0355	91,13	22,33
1973	Shell-Thin	SLE-ENVE	Max	0	0	0	-29,9914	-5,8135	4,9368	91,13	17,32
1973	Shell-Thin	SLE-ENVE	Min	0	0	0	-36,4831	-7,8129	-8,4309	26,37	6,28

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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
1973	Shell-Thin	SLE-ENVE	Min	0	0	0	-55,1667	-	-10,3894	26,37	6,6
								10,8717			
1973	Shell-Thin	SLE-ENVE	Min	0	0	0	-75,8452	-	-10,6955	31,55	6,6
								15,5348			
1973	Shell-Thin	SLE-ENVE	Min	0	0	0	-48,379	-9,9692	-8,7371	31,55	6,28
1974	Shell-Thin	SLU-ENVE	Max	0	0	0	-54,4171	-	9,0191	163,91	34,19
								10,5132			
1974	Shell-Thin	SLU-ENVE	Max	0	0	0	-69,5778	-	1,7553	163,91	32,29
								14,1843			
1974	Shell-Thin	SLU-ENVE	Max	0	0	0	-79,9007	-	2,5639	202,56	32,29
								15,1847			
1974	Shell-Thin	SLU-ENVE	Max	0	0	0	-63,3961	-	9,8277	202,56	34,19
								11,3303			
1974	Shell-Thin	SLU-ENVE	Min	0	0	0	-88,719	-	-16,1289	47,41	12,34
								17,9668			
1974	Shell-Thin	SLU-ENVE	Min	0	0	0	-138,3774	-	-19,8022	47,41	9,82
								28,3697			
1974	Shell-Thin	SLU-ENVE	Min	0	0	0	-174,1326	-	-19,4963	51,47	9,82
								32,4078			
1974	Shell-Thin	SLU-ENVE	Min	0	0	0	-112,8798	-	-15,823	51,47	12,34
								22,9572			
1974	Shell-Thin	SLE-ENVE	Max	0	0	0	-29,9914	-5,8133	5,0407	90,76	19
1974	Shell-Thin	SLE-ENVE	Max	0	0	0	-39,4413	-8,0471	1,006	90,76	17,96
1974	Shell-Thin	SLE-ENVE	Max	0	0	0	-45,1517	-8,5605	1,4625	112,27	17,96
1974	Shell-Thin	SLE-ENVE	Max	0	0	0	-34,9935	-6,2343	5,4972	112,27	19
1974	Shell-Thin	SLE-ENVE	Min	0	0	0	-48,3462	-9,8048	-8,8801	31,07	6,89
1974	Shell-Thin	SLE-ENVE	Min	0	0	0	-75,8487	-	-10,9191	31,07	5,37
								15,5523			
1974	Shell-Thin	SLE-ENVE	Min	0	0	0	-95,7172	-	-10,7168	33,21	5,37
								17,8084			
1974	Shell-Thin	SLE-ENVE	Min	0	0	0	-61,7617	-	-8,6779	33,21	6,89
								12,5791			
1975	Shell-Thin	SLU-ENVE	Max	0	0	0	-63,4655	-	11,283	206,15	31,87
								11,7653			
1975	Shell-Thin	SLU-ENVE	Max	0	0	0	-79,788	-	4,4368	206,15	72,14
								14,6209			
1975	Shell-Thin	SLU-ENVE	Max	0	0	0	-94,8321	-22,962	2,6551	286,6	72,14
1975	Shell-Thin	SLU-ENVE	Max	0	0	0	-72,2038	-	9,5014	286,6	31,87
								15,1327			
1975	Shell-Thin	SLU-ENVE	Min	0	0	0	-113,0242	-	-14,811	52,35	12,36
								23,6797			
1975	Shell-Thin	SLU-ENVE	Min	0	0	0	-173,8001	-	-18,5824	52,35	25,35
								30,7452			
1975	Shell-Thin	SLU-ENVE	Min	0	0	0	-216,171	-55,407	-19,3983	76,51	25,35
1975	Shell-Thin	SLU-ENVE	Min	0	0	0	-131,2607	-	-15,6269	76,51	12,36
								28,2042			
1975	Shell-Thin	SLE-ENVE	Max	0	0	0	-35,0333	-6,4763	6,31	114,25	17,71
1975	Shell-Thin	SLE-ENVE	Max	0	0	0	-45,0851	-8,2275	2,5099	114,25	39,93
1975	Shell-Thin	SLE-ENVE	Max	0	0	0	-53,555	-	1,5404	158,74	39,93
								13,0707			
1975	Shell-Thin	SLE-ENVE	Max	0	0	0	-39,4263	-8,3417	5,3405	158,74	17,71
1975	Shell-Thin	SLE-ENVE	Min	0	0	0	-61,8415	-	-8,0723	33,72	6,91
								12,9781			

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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
1975	Shell-Thin	SLE-ENVE	Min	0	0	0	-95,5337	-	-10,1636	33,72	14,51
								16,8909			
1975	Shell-Thin	SLE-ENVE	Min	0	0	0	-119,0237	-30,524	-10,5811	47,68	14,51
1975	Shell-Thin	SLE-ENVE	Min	0	0	0	-71,9827	-	-8,4899	47,68	6,91
								15,4978			
1977	Shell-Thin	SLU-ENVE	Max	0	0	0	-77,9396	-	9,0522	417,89	-24,45
								17,2872			
1977	Shell-Thin	SLU-ENVE	Max	0	0	0	-115,8726	-	2,6328	417,89	-63,8
								34,1917			
1977	Shell-Thin	SLU-ENVE	Max	0	0	0	-107,2469	1,2718	1,9574	297,68	-63,8
1977	Shell-Thin	SLU-ENVE	Max	0	0	0	-91,2213	-0,6961	8,3768	297,68	-24,45
1977	Shell-Thin	SLU-ENVE	Min	0	0	0	-147,0757	-36,247	-17,9708	129,63	-47,6
1977	Shell-Thin	SLU-ENVE	Min	0	0	0	-272,0365	-	-21,0209	129,63	-149,11
								83,9814			
1977	Shell-Thin	SLU-ENVE	Min	0	0	0	-267,7075	0,8291	-23,6697	56,6	-149,11
1977	Shell-Thin	SLU-ENVE	Min	0	0	0	-178,8092	-1,7459	-20,6196	56,6	-47,6
1977	Shell-Thin	SLE-ENVE	Max	0	0	0	-42,615	-9,5932	5,1757	231,26	-13,59
1977	Shell-Thin	SLE-ENVE	Max	0	0	0	-65,2871	-	1,589	231,26	-36,13
								19,3701			
1977	Shell-Thin	SLE-ENVE	Max	0	0	0	-60,4988	0,6902	1,2594	165,87	-36,13
1977	Shell-Thin	SLE-ENVE	Max	0	0	0	-50,0682	-0,4	4,846	165,87	-13,59
1977	Shell-Thin	SLE-ENVE	Min	0	0	0	-80,803	-	-9,5001	77,17	-26,08
								19,9796			
1977	Shell-Thin	SLE-ENVE	Min	0	0	0	-149,9845	-	-11,2207	77,17	-82,09
								46,3313			
1977	Shell-Thin	SLE-ENVE	Min	0	0	0	-147,9179	0,4616	-12,5318	36,36	-82,09
1977	Shell-Thin	SLE-ENVE	Min	0	0	0	-98,3554	-0,9633	-10,8112	36,36	-26,08
2011	Shell-Thin	SLU-ENVE	Max	0	0	0	-59,2669	-	-5,0006	-74,2	40,38
								11,7891			
2011	Shell-Thin	SLU-ENVE	Max	0	0	0	-44,2524	-9,5047	-9,7096	-74,2	29,24
2011	Shell-Thin	SLU-ENVE	Max	0	0	0	-51,8144	-	-10,2172	-87,85	29,24
								10,6443			
2011	Shell-Thin	SLU-ENVE	Max	0	0	0	-69,5595	-14,073	-5,5082	-87,85	40,38
2011	Shell-Thin	SLU-ENVE	Min	0	0	0	-101,0779	-	-21,8506	-109,29	11,72
								19,9236			
2011	Shell-Thin	SLU-ENVE	Min	0	0	0	-79,0159	-	-24,0866	-109,29	9,43
								17,1969			
2011	Shell-Thin	SLU-ENVE	Min	0	0	0	-100,4655	-	-24,9875	-188,61	9,43
								20,0432			
2011	Shell-Thin	SLU-ENVE	Min	0	0	0	-138,3898	-	-22,7515	-188,61	11,72
								28,3391			
2011	Shell-Thin	SLE-ENVE	Max	0	0	0	-33,7047	-6,7033	-2,7635	-42,24	22,43
2011	Shell-Thin	SLE-ENVE	Max	0	0	0	-25,166	-5,387	-5,3802	-42,24	16,24
2011	Shell-Thin	SLE-ENVE	Max	0	0	0	-29,3677	-6,0141	-5,6557	-49,86	16,24
2011	Shell-Thin	SLE-ENVE	Max	0	0	0	-39,4305	-7,981	-3,039	-49,86	22,43
2011	Shell-Thin	SLE-ENVE	Min	0	0	0	-55,1252	-	-12,101	-59,38	6,53
								10,8634			
2011	Shell-Thin	SLE-ENVE	Min	0	0	0	-43,1396	-9,3969	-13,3444	-59,38	5,23
2011	Shell-Thin	SLE-ENVE	Min	0	0	0	-55,0599	-	-13,8244	-103,43	5,23
								10,9758			
2011	Shell-Thin	SLE-ENVE	Min	0	0	0	-75,8558	-	-12,5811	-103,43	6,53
								15,5369			

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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
2012	Shell-Thin	SLU-ENVE	Max	0	0	0	-69,582	-	-4,8723	-88,29	32,63
								14,1851			
2012	Shell-Thin	SLU-ENVE	Max	0	0	0	-51,8033	-	-9,7869	-88,29	30,76
								10,5885			
2012	Shell-Thin	SLU-ENVE	Max	0	0	0	-60,5974	-11,949	-9,4848	-95,75	30,76
2012	Shell-Thin	SLU-ENVE	Max	0	0	0	-79,8696	-	-4,5701	-95,75	32,63
								15,1785			
2012	Shell-Thin	SLU-ENVE	Min	0	0	0	-138,3967	-	-22,8258	-190,45	9,74
								28,3735			
2012	Shell-Thin	SLU-ENVE	Min	0	0	0	-100,4283	-19,857	-25,1573	-190,45	10,48
2012	Shell-Thin	SLU-ENVE	Min	0	0	0	-125,1264	-	-25,2833	-245,47	10,48
								22,9493			
2012	Shell-Thin	SLU-ENVE	Min	0	0	0	-174,0987	-32,401	-22,9519	-245,47	9,74
2012	Shell-Thin	SLE-ENVE	Max	0	0	0	-39,4439	-8,0476	-2,6787	-50,11	18,15
2012	Shell-Thin	SLE-ENVE	Max	0	0	0	-29,3612	-5,9816	-5,409	-50,11	17,08
2012	Shell-Thin	SLE-ENVE	Max	0	0	0	-34,2654	-6,7276	-5,2286	-54,03	17,08
2012	Shell-Thin	SLE-ENVE	Max	0	0	0	-45,1334	-8,5569	-2,4984	-54,03	18,15
2012	Shell-Thin	SLE-ENVE	Min	0	0	0	-75,8593	-	-12,5956	-104,46	5,33
								15,5545			
2012	Shell-Thin	SLE-ENVE	Min	0	0	0	-55,0393	-	-13,8908	-104,46	5,8
								10,8728			
2012	Shell-Thin	SLE-ENVE	Min	0	0	0	-68,7555	-	-13,9314	-135,08	5,8
								12,5875			
2012	Shell-Thin	SLE-ENVE	Min	0	0	0	-95,6987	-	-12,6362	-135,08	5,33
								17,8047			
2013	Shell-Thin	SLU-ENVE	Max	0	0	0	-79,7568	-	-5,0926	-97,17	73,45
								14,6147			
2013	Shell-Thin	SLU-ENVE	Max	0	0	0	-60,6422	-	-9,8977	-97,17	43,49
								12,1728			
2013	Shell-Thin	SLU-ENVE	Max	0	0	0	-68,4102	-	-6,9311	-134,1	43,49
								14,7678			
2013	Shell-Thin	SLU-ENVE	Max	0	0	0	-94,9118	-	-2,126	-134,1	73,45
								22,9779			
2013	Shell-Thin	SLU-ENVE	Min	0	0	0	-173,7662	-	-23,445	-248,47	25,36
								30,7384			
2013	Shell-Thin	SLU-ENVE	Min	0	0	0	-125,2586	-	-25,7568	-248,47	13,83
								23,6103			
2013	Shell-Thin	SLU-ENVE	Min	0	0	0	-147,1843	-	-24,255	-351,97	13,83
								33,3405			
2013	Shell-Thin	SLU-ENVE	Min	0	0	0	-216,3907	-55,451	-21,9432	-351,97	25,36
2013	Shell-Thin	SLE-ENVE	Max	0	0	0	-45,0668	-8,2239	-2,7707	-54,88	40,66
2013	Shell-Thin	SLE-ENVE	Max	0	0	0	-34,2917	-6,8593	-5,4382	-54,88	24,12
2013	Shell-Thin	SLE-ENVE	Max	0	0	0	-38,5653	-8,3165	-3,7847	-76,19	24,12
2013	Shell-Thin	SLE-ENVE	Max	0	0	0	-53,6024	-	-1,1173	-76,19	40,66
								13,0802			
2013	Shell-Thin	SLE-ENVE	Min	0	0	0	-95,5152	-	-12,88	-136,74	14,52
								16,8872			
2013	Shell-Thin	SLE-ENVE	Min	0	0	0	-68,8285	-	-14,1632	-136,74	7,73
								12,9525			
2013	Shell-Thin	SLE-ENVE	Min	0	0	0	-81,0191	-	-13,2649	-193,94	7,73
								18,3457			
2013	Shell-Thin	SLE-ENVE	Min	0	0	0	-119,1448	-	-11,9818	-193,94	14,52
								30,5482			

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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
2015	Shell-Thin	SLU-ENVE	Max	0	0	0	-115,9808	-	-1,7503	-204,78	-64,21
								34,2133			
2015	Shell-Thin	SLU-ENVE	Max	0	0	0	-75,1384	-	-6,1645	-204,78	-32,53
								19,8923			
2015	Shell-Thin	SLU-ENVE	Max	0	0	0	-86,9115	-0,7119	-5,2391	-102,79	-32,53
2015	Shell-Thin	SLU-ENVE	Max	0	0	0	-107,357	1,1896	-0,8248	-102,79	-64,21
2015	Shell-Thin	SLU-ENVE	Min	0	0	0	-272,2573	-	-22,895	-530,58	-148,36
								84,0256			
2015	Shell-Thin	SLU-ENVE	Min	0	0	0	-166,5117	-	-24,6975	-530,58	-63,41
								44,3178			
2015	Shell-Thin	SLU-ENVE	Min	0	0	0	-198,0301	-1,5746	-25,4561	-352,29	-63,41
2015	Shell-Thin	SLU-ENVE	Min	0	0	0	-268,1186	0,8071	-23,6536	-352,29	-148,36
2015	Shell-Thin	SLE-ENVE	Max	0	0	0	-65,3494	-	-0,8643	-115,56	-36,33
								19,3826			
2015	Shell-Thin	SLE-ENVE	Max	0	0	0	-42,3269	-	-3,3339	-115,56	-18,21
								11,1784			
2015	Shell-Thin	SLE-ENVE	Max	0	0	0	-49,0046	-0,4054	-2,826	-58,23	-18,21
2015	Shell-Thin	SLE-ENVE	Max	0	0	0	-60,5597	0,644	-0,3563	-58,23	-36,33
2015	Shell-Thin	SLE-ENVE	Min	0	0	0	-150,1042	-	-12,2851	-292,58	-81,65
								46,3552			
2015	Shell-Thin	SLE-ENVE	Min	0	0	0	-91,7905	-	-13,3169	-292,58	-34,78
								24,4306			
2015	Shell-Thin	SLE-ENVE	Min	0	0	0	-109,269	-0,8666	-13,6478	-195,42	-34,78
2015	Shell-Thin	SLE-ENVE	Min	0	0	0	-148,149	0,4494	-12,6159	-195,42	-81,65
2049	Shell-Thin	SLU-ENVE	Max	0	0	0	-44,2707	-9,5084	-14,9608	-71,25	14,48
2049	Shell-Thin	SLU-ENVE	Max	0	0	0	2,5624	-4,6564	-19,3154	-71,25	1,02
2049	Shell-Thin	SLU-ENVE	Max	0	0	0	7,2802	0,2075	-20,2854	-82,66	1,02
2049	Shell-Thin	SLU-ENVE	Max	0	0	0	-51,8547	-	-16,1618	-82,66	14,48
								10,6523			
2049	Shell-Thin	SLU-ENVE	Min	0	0	0	-78,9488	-	-26,5238	-105,89	4,83
								17,1835			
2049	Shell-Thin	SLU-ENVE	Min	0	0	0	-24,8016	-	-28,0101	-105,89	-10,59
								11,9182			
2049	Shell-Thin	SLU-ENVE	Min	0	0	0	-23,2022	-4,791	-29,3521	-152,4	-10,59
2049	Shell-Thin	SLU-ENVE	Min	0	0	0	-100,6022	-	-27,8658	-152,4	4,83
								20,0705			
2049	Shell-Thin	SLE-ENVE	Max	0	0	0	-25,1759	-5,389	-8,2991	-39,75	8,05
2049	Shell-Thin	SLE-ENVE	Max	0	0	0	0,3595	-2,6556	-10,7205	-39,75	0,53
2049	Shell-Thin	SLE-ENVE	Max	0	0	0	2,9719	-0,0148	-11,2341	-46,08	0,53
2049	Shell-Thin	SLE-ENVE	Max	0	0	0	-29,3914	-6,0189	-8,9591	-46,08	8,05
2049	Shell-Thin	SLE-ENVE	Min	0	0	0	-43,1024	-9,3895	-14,7002	-57,73	2,68
2049	Shell-Thin	SLE-ENVE	Min	0	0	0	-13,5755	-6,5625	-15,5305	-57,73	-5,95
2049	Shell-Thin	SLE-ENVE	Min	0	0	0	-12,6913	-2,5918	-16,2563	-83,57	-5,95
2049	Shell-Thin	SLE-ENVE	Min	0	0	0	-55,1354	-	-15,426	-83,57	2,68
								10,9909			
2050	Shell-Thin	SLU-ENVE	Max	0	0	0	-51,8436	-	-16,1054	-83,48	15,89
								10,5965			
2050	Shell-Thin	SLU-ENVE	Max	0	0	0	7,2761	0,1868	-20,7917	-83,48	4,44
2050	Shell-Thin	SLU-ENVE	Max	0	0	0	11,8947	5,0436	-20,642	-97,11	4,44
2050	Shell-Thin	SLU-ENVE	Max	0	0	0	-60,4744	-	-15,7131	-97,11	15,89
								11,9244			
2050	Shell-Thin	SLU-ENVE	Min	0	0	0	-100,5649	-	-28,2465	-155,46	6,09
								19,8843			

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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
2050	Shell-Thin	SLU-ENVE	Min	0	0	0	-23,2254	-4,9068	-29,9125	-155,46	-6,38
2050	Shell-Thin	SLU-ENVE	Min	0	0	0	-22,1755	-2,5512	-29,748	-206,22	-6,38
2050	Shell-Thin	SLU-ENVE	Min	0	0	0	-124,893	-	-28,082	-206,22	6,09
								22,9026			
2050	Shell-Thin	SLE-ENVE	Max	0	0	0	-29,3849	-5,9863	-8,9187	-46,54	8,83
2050	Shell-Thin	SLE-ENVE	Max	0	0	0	2,9695	-0,0264	-11,4999	-46,54	2,43
2050	Shell-Thin	SLE-ENVE	Max	0	0	0	5,5238	2,72	-11,4288	-54,13	2,43
2050	Shell-Thin	SLE-ENVE	Max	0	0	0	-34,1931	-6,7132	-8,6887	-54,13	8,83
2050	Shell-Thin	SLE-ENVE	Min	0	0	0	-55,1148	-	-15,6112	-85,28	3,37
								10,8879			
2050	Shell-Thin	SLE-ENVE	Min	0	0	0	-12,7042	-2,6562	-16,5429	-85,28	-3,63
2050	Shell-Thin	SLE-ENVE	Min	0	0	0	-12,1295	-1,4401	-16,4194	-113,46	-3,63
2050	Shell-Thin	SLE-ENVE	Min	0	0	0	-68,6271	-	-15,4877	-113,46	3,37
								12,5618			
2051	Shell-Thin	SLU-ENVE	Max	0	0	0	-60,5191	-	-14,6037	-97,98	30,24
								12,1482			
2051	Shell-Thin	SLU-ENVE	Max	0	0	0	11,9052	5,0958	-19,7615	-97,98	26,33
2051	Shell-Thin	SLU-ENVE	Max	0	0	0	13,6866	1,1319	-18,785	-110,71	26,33
2051	Shell-Thin	SLU-ENVE	Max	0	0	0	-68,7324	-	-13,6272	-110,71	30,24
								14,8323			
2051	Shell-Thin	SLU-ENVE	Min	0	0	0	-125,0252	-	-27,5658	-207,71	9,28
								23,5636			
2051	Shell-Thin	SLU-ENVE	Min	0	0	0	-22,1463	-2,5086	-28,8974	-207,71	5,21
2051	Shell-Thin	SLU-ENVE	Min	0	0	0	-27,4048	-7,8449	-28,4021	-243,38	5,21
2051	Shell-Thin	SLU-ENVE	Min	0	0	0	-148,1178	-	-27,0704	-243,38	9,28
								33,5272			
2051	Shell-Thin	SLE-ENVE	Max	0	0	0	-34,2195	-6,8449	-8,058	-54,66	16,78
2051	Shell-Thin	SLE-ENVE	Max	0	0	0	5,5295	2,7487	-10,9264	-54,66	14,62
2051	Shell-Thin	SLE-ENVE	Max	0	0	0	6,4851	0,6158	-10,3716	-61,61	14,62
2051	Shell-Thin	SLE-ENVE	Max	0	0	0	-38,7565	-8,3547	-7,5031	-61,61	16,78
2051	Shell-Thin	SLE-ENVE	Min	0	0	0	-68,7001	-	-15,1601	-114,28	5,2
								12,9268			
2051	Shell-Thin	SLE-ENVE	Min	0	0	0	-12,1133	-1,4161	-15,9055	-114,28	2,82
2051	Shell-Thin	SLE-ENVE	Min	0	0	0	-15,0409	-4,2693	-15,5749	-134,1	2,82
2051	Shell-Thin	SLE-ENVE	Min	0	0	0	-81,534	-	-14,8295	-134,1	5,2
								18,4487			
2053	Shell-Thin	SLU-ENVE	Max	0	0	0	-76,25	-	-12,7502	-119,41	-32,91
								20,1147			
2053	Shell-Thin	SLU-ENVE	Max	0	0	0	16,9691	2,1232	-19,7763	-119,41	9,49
2053	Shell-Thin	SLU-ENVE	Max	0	0	0	20,988	0,4705	-23,7224	-135,78	9,49
2053	Shell-Thin	SLU-ENVE	Max	0	0	0	-85,6736	-0,4643	-16,6963	-135,78	-32,91
2053	Shell-Thin	SLU-ENVE	Min	0	0	0	-169,0158	-	-27,6192	-275,07	-73,46
								44,8186			
2053	Shell-Thin	SLU-ENVE	Min	0	0	0	-27,5334	-3,6328	-30,5189	-275,07	-1,01
2053	Shell-Thin	SLU-ENVE	Min	0	0	0	-25,3708	0,0668	-34,3867	-332,29	-1,01
2053	Shell-Thin	SLU-ENVE	Min	0	0	0	-195,463	-1,0612	-31,487	-332,29	-73,46
2053	Shell-Thin	SLE-ENVE	Max	0	0	0	-42,9585	-	-6,9938	-66,43	-18,48
								11,3047			
2053	Shell-Thin	SLE-ENVE	Max	0	0	0	8,2789	1,2064	-10,8809	-66,43	5,33
2053	Shell-Thin	SLE-ENVE	Max	0	0	0	10,5231	0,2611	-12,9218	-75,8	5,33
2053	Shell-Thin	SLE-ENVE	Max	0	0	0	-48,3064	-0,2657	-9,1702	-75,8	-18,48



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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
2053	Shell-Thin	SLE-ENVE	Min	0	0	0	-93,1693	-	-14,9523	-151,76	-40,47
								24,7063			
2053	Shell-Thin	SLE-ENVE	Min	0	0	0	-15,1125	-1,9791	-16,5643	-151,76	-0,45
2053	Shell-Thin	SLE-ENVE	Min	0	0	0	-13,8896	0,0413	-18,6162	-183,58	-0,45
2053	Shell-Thin	SLE-ENVE	Min	0	0	0	-107,8548	-0,5838	-17,0042	-183,58	-40,47
2087	Shell-Thin	SLU-ENVE	Max	0	0	0	2,6822	-4,658	-19,7689	-64,69	-3,39
2087	Shell-Thin	SLU-ENVE	Max	0	0	0	45,0377	-1,3587	-17,9055	-64,69	-10,49
2087	Shell-Thin	SLU-ENVE	Max	0	0	0	60,7966	9,6709	-18,9217	-76,59	-10,49
2087	Shell-Thin	SLU-ENVE	Max	0	0	0	7,3429	0,22	-20,7851	-76,59	-3,39
2087	Shell-Thin	SLU-ENVE	Min	0	0	0	-24,7237	-	-27,8934	-82,28	-20,46
								11,9026			
2087	Shell-Thin	SLU-ENVE	Min	0	0	0	14,2502	-7,6489	-26,596	-82,28	-31,63
2087	Shell-Thin	SLU-ENVE	Min	0	0	0	25,2201	3,5571	-28,0094	-106,68	-31,63
2087	Shell-Thin	SLU-ENVE	Min	0	0	0	-23,0809	-4,7668	-29,3068	-106,68	-20,46
2087	Shell-Thin	SLE-ENVE	Max	0	0	0	0,4257	-2,6566	-10,9749	-34,89	-1,92
2087	Shell-Thin	SLE-ENVE	Max	0	0	0	22,2324	-0,9127	-9,9434	-34,89	-5,89
2087	Shell-Thin	SLE-ENVE	Max	0	0	0	30,9767	4,9488	-10,5015	-41,49	-5,89
2087	Shell-Thin	SLE-ENVE	Max	0	0	0	3,0068	-0,0078	-11,5331	-41,49	-1,92
2087	Shell-Thin	SLE-ENVE	Min	0	0	0	-13,5322	-6,5539	-15,4812	-43,44	-11,42
2087	Shell-Thin	SLE-ENVE	Min	0	0	0	7,7438	-4,2556	-14,7656	-43,44	-17,67
2087	Shell-Thin	SLE-ENVE	Min	0	0	0	13,8316	1,921	-15,5425	-58,1	-17,67
2087	Shell-Thin	SLE-ENVE	Min	0	0	0	-12,6244	-2,5784	-16,2581	-58,1	-11,42
2088	Shell-Thin	SLU-ENVE	Max	0	0	0	7,3387	0,1993	-21,3327	-78,37	-1,85
2088	Shell-Thin	SLU-ENVE	Max	0	0	0	60,7646	9,5108	-19,4766	-78,37	-8,06
2088	Shell-Thin	SLU-ENVE	Max	0	0	0	76,2989	19,8067	-19,5822	-91,03	-8,06
2088	Shell-Thin	SLU-ENVE	Max	0	0	0	11,6371	4,9921	-21,4384	-91,03	-1,85
2088	Shell-Thin	SLU-ENVE	Min	0	0	0	-23,104	-4,8826	-29,8806	-110,16	-16,59
2088	Shell-Thin	SLU-ENVE	Min	0	0	0	25,2072	3,4928	-28,4447	-110,16	-27,6
2088	Shell-Thin	SLU-ENVE	Min	0	0	0	33,8514	7,4208	-28,0965	-137,08	-27,6
2088	Shell-Thin	SLU-ENVE	Min	0	0	0	-22,4554	-2,5603	-29,5324	-137,08	-16,59
2088	Shell-Thin	SLE-ENVE	Max	0	0	0	3,0045	-0,0194	-11,828	-42,5	-1,06
2088	Shell-Thin	SLE-ENVE	Max	0	0	0	30,9589	4,8597	-10,8022	-42,5	-4,56
2088	Shell-Thin	SLE-ENVE	Max	0	0	0	39,5653	10,663	-10,8504	-49,52	-4,56
2088	Shell-Thin	SLE-ENVE	Max	0	0	0	5,3785	2,691	-11,8762	-49,52	-1,06
2088	Shell-Thin	SLE-ENVE	Min	0	0	0	-12,6372	-2,6428	-16,5642	-60,05	-9,29
2088	Shell-Thin	SLE-ENVE	Min	0	0	0	13,8245	1,9542	-15,7749	-60,05	-15,47
2088	Shell-Thin	SLE-ENVE	Min	0	0	0	17,7328	4,0502	-15,5669	-75,01	-15,47
2088	Shell-Thin	SLE-ENVE	Min	0	0	0	-12,2841	-1,4459	-16,3562	-75,01	-9,29
2089	Shell-Thin	SLU-ENVE	Max	0	0	0	11,6475	5,0443	-20,9293	-91,41	12,99
2089	Shell-Thin	SLU-ENVE	Max	0	0	0	76,3068	19,8459	-19,6421	-91,41	7,99
2089	Shell-Thin	SLU-ENVE	Max	0	0	0	86,0861	14,6249	-19,3565	-104,99	7,99
2089	Shell-Thin	SLU-ENVE	Max	0	0	0	14,2094	1,2365	-20,6438	-104,99	12,99
2089	Shell-Thin	SLU-ENVE	Min	0	0	0	-22,4262	-2,5177	-28,7741	-137,22	-1,52
2089	Shell-Thin	SLU-ENVE	Min	0	0	0	33,8443	7,3855	-26,9987	-137,22	-1,73
2089	Shell-Thin	SLU-ENVE	Min	0	0	0	39,0946	7,174	-26,574	-157,05	-1,73
2089	Shell-Thin	SLU-ENVE	Min	0	0	0	-26,5766	-7,6793	-28,3493	-157,05	-1,52
2089	Shell-Thin	SLE-ENVE	Max	0	0	0	5,3842	2,7197	-11,5806	-49,75	7,22
2089	Shell-Thin	SLE-ENVE	Max	0	0	0	39,5697	10,6851	-10,8707	-49,75	4,42
2089	Shell-Thin	SLE-ENVE	Max	0	0	0	44,9649	7,888	-10,6966	-57,28	4,42
2089	Shell-Thin	SLE-ENVE	Max	0	0	0	6,78	0,6748	-11,4065	-57,28	7,22

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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
2089	Shell-Thin	SLE-ENVE	Min	0	0	0	-12,2679	-1,4219	-15,9143	-75,1	-0,89
2089	Shell-Thin	SLE-ENVE	Min	0	0	0	17,729	4,0309	-14,9405	-75,1	-1,04
2089	Shell-Thin	SLE-ENVE	Min	0	0	0	20,6187	4,0411	-14,681	-86,11	-1,04
2089	Shell-Thin	SLE-ENVE	Min	0	0	0	-14,5832	-4,1778	-15,6549	-86,11	-0,89
2091	Shell-Thin	SLU-ENVE	Max	0	0	0	18,4776	2,425	-20,9546	-106,33	-1,45
2091	Shell-Thin	SLU-ENVE	Max	0	0	0	97,9721	16,1246	-19,4958	-106,33	24,79
2091	Shell-Thin	SLU-ENVE	Max	0	0	0	110,1263	0,4046	-23,6678	-122	24,79
2091	Shell-Thin	SLU-ENVE	Max	0	0	0	18,6745	-0,1857	-25,1266	-122	-1,45
2091	Shell-Thin	SLU-ENVE	Min	0	0	0	-25,0849	-3,4425	-30,0918	-165,01	-7,65
2091	Shell-Thin	SLU-ENVE	Min	0	0	0	42,6454	5,2507	-28,5161	-165,01	9,76
2091	Shell-Thin	SLU-ENVE	Min	0	0	0	46,9531	0,1282	-33,0957	-192,5	9,76
2091	Shell-Thin	SLU-ENVE	Min	0	0	0	-28,7162	-0,3266	-34,6714	-192,5	-7,65
2091	Shell-Thin	SLE-ENVE	Max	0	0	0	9,1163	1,3738	-11,5268	-58,04	-0,73
2091	Shell-Thin	SLE-ENVE	Max	0	0	0	51,5295	8,8323	-10,7027	-58,04	13,55
2091	Shell-Thin	SLE-ENVE	Max	0	0	0	58,2251	0,2253	-12,9908	-66,77	13,55
2091	Shell-Thin	SLE-ENVE	Max	0	0	0	9,2411	-0,1007	-13,8149	-66,77	-0,73
2091	Shell-Thin	SLE-ENVE	Min	0	0	0	-13,7583	-1,8702	-16,5091	-90,56	-4,4
2091	Shell-Thin	SLE-ENVE	Min	0	0	0	22,565	2,9473	-15,663	-90,56	5,47
2091	Shell-Thin	SLE-ENVE	Min	0	0	0	24,963	0,0746	-18,1614	-105,82	5,47
2091	Shell-Thin	SLE-ENVE	Min	0	0	0	-15,7445	-0,1826	-19,0075	-105,82	-4,4
2125	Shell-Thin	SLU-ENVE	Max	0	0	0	45,0455	-1,3501	-14,7634	-40,46	-15,97
2125	Shell-Thin	SLU-ENVE	Max	0	0	0	68,8522	1,0539	-10,5876	-40,46	-26,81
2125	Shell-Thin	SLU-ENVE	Max	0	0	0	89,5886	14,7219	-11,0171	-45,11	-26,81
2125	Shell-Thin	SLU-ENVE	Max	0	0	0	60,8083	9,6732	-15,1929	-45,11	-15,97
2125	Shell-Thin	SLU-ENVE	Min	0	0	0	14,2382	-7,6513	-23,1478	-53,49	-35,47
2125	Shell-Thin	SLU-ENVE	Min	0	0	0	34,8992	-4,5431	-18,6791	-53,49	-42,9
2125	Shell-Thin	SLU-ENVE	Min	0	0	0	48,5279	7,1811	-19,7587	-71,35	-42,9
2125	Shell-Thin	SLU-ENVE	Min	0	0	0	25,2405	3,5612	-24,2274	-71,35	-35,47
2125	Shell-Thin	SLE-ENVE	Max	0	0	0	22,2366	-0,9079	-8,2009	-21,53	-8,93
2125	Shell-Thin	SLE-ENVE	Max	0	0	0	35,756	-0,1905	-5,8856	-21,53	-14,98
2125	Shell-Thin	SLE-ENVE	Max	0	0	0	47,4087	7,7957	-6,1203	-21,99	-14,98
2125	Shell-Thin	SLE-ENVE	Max	0	0	0	30,9829	4,95	-8,4356	-21,99	-8,93
2125	Shell-Thin	SLE-ENVE	Min	0	0	0	7,737	-4,257	-12,8535	-28,33	-19,8
2125	Shell-Thin	SLE-ENVE	Min	0	0	0	18,7349	-2,6212	-10,3775	-28,33	-23,9
2125	Shell-Thin	SLE-ENVE	Min	0	0	0	26,3009	3,9217	-10,9718	-38,83	-23,9
2125	Shell-Thin	SLE-ENVE	Min	0	0	0	13,8428	1,9213	-13,4478	-38,83	-19,8
2126	Shell-Thin	SLU-ENVE	Max	0	0	0	60,7763	9,5132	-15,7298	-45,07	-13,68
2126	Shell-Thin	SLU-ENVE	Max	0	0	0	89,5626	14,5917	-11,3231	-45,07	-23,42
2126	Shell-Thin	SLU-ENVE	Max	0	0	0	110,443	27,9124	-11,6997	-44,24	-23,42
2126	Shell-Thin	SLU-ENVE	Max	0	0	0	76,3037	19,8076	-16,1064	-44,24	-13,68
2126	Shell-Thin	SLU-ENVE	Min	0	0	0	25,2276	3,4969	-24,6766	-74,2	-31,68
2126	Shell-Thin	SLU-ENVE	Min	0	0	0	48,5167	7,1254	-19,9922	-74,2	-38,14
2126	Shell-Thin	SLU-ENVE	Min	0	0	0	62,3718	16,9247	-19,6864	-93,98	-38,14
2126	Shell-Thin	SLU-ENVE	Min	0	0	0	33,8275	7,416	-24,3708	-93,98	-31,68
2126	Shell-Thin	SLE-ENVE	Max	0	0	0	30,965	4,8609	-8,7265	-21,99	-7,67
2126	Shell-Thin	SLE-ENVE	Max	0	0	0	47,3942	7,7232	-6,2858	-21,99	-13,13
2126	Shell-Thin	SLE-ENVE	Max	0	0	0	58,9796	15,1824	-6,4861	-21,52	-13,13
2126	Shell-Thin	SLE-ENVE	Max	0	0	0	39,5679	10,6635	-8,9268	-21,52	-7,67
2126	Shell-Thin	SLE-ENVE	Min	0	0	0	13,8357	1,9546	-13,687	-40,43	-17,73
2126	Shell-Thin	SLE-ENVE	Min	0	0	0	26,2948	3,8908	-11,0958	-40,43	-21,29

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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
2126	Shell-Thin	SLE-ENVE	Min	0	0	0	33,9798	9,3744	-10,9143	-51,41	-21,29
2126	Shell-Thin	SLE-ENVE	Min	0	0	0	17,7195	4,0475	-13,5055	-51,41	-17,73
2127	Shell-Thin	SLU-ENVE	Max	0	0	0	76,3115	19,8468	-16,2328	-45,14	2,33
2127	Shell-Thin	SLU-ENVE	Max	0	0	0	110,4457	27,9257	-12,0917	-45,14	-2,21
2127	Shell-Thin	SLU-ENVE	Max	0	0	0	125,7124	23,6893	-11,9727	-51,56	-2,21
2127	Shell-Thin	SLU-ENVE	Max	0	0	0	86,0768	14,6231	-16,1138	-51,56	2,33
2127	Shell-Thin	SLU-ENVE	Min	0	0	0	33,8204	7,3808	-23,5858	-94,22	-6,96
2127	Shell-Thin	SLU-ENVE	Min	0	0	0	62,368	16,9061	-18,959	-94,22	-6,38
2127	Shell-Thin	SLU-ENVE	Min	0	0	0	73,0739	14,3495	-18,4856	-106,75	-6,38
2127	Shell-Thin	SLU-ENVE	Min	0	0	0	39,0835	7,1605	-23,1124	-106,75	-6,96
2127	Shell-Thin	SLE-ENVE	Max	0	0	0	39,5723	10,6856	-8,984	-22,06	1,28
2127	Shell-Thin	SLE-ENVE	Max	0	0	0	58,9811	15,1897	-6,6917	-22,06	-1,36
2127	Shell-Thin	SLE-ENVE	Max	0	0	0	67,4365	12,918	-6,6081	-25,61	-1,36
2127	Shell-Thin	SLE-ENVE	Max	0	0	0	44,9594	7,8869	-8,9004	-25,61	1,28
2127	Shell-Thin	SLE-ENVE	Min	0	0	0	17,7157	4,0283	-13,0512	-51,56	-3,94
2127	Shell-Thin	SLE-ENVE	Min	0	0	0	33,9778	9,3643	-10,4967	-51,56	-3,8
2127	Shell-Thin	SLE-ENVE	Min	0	0	0	39,9085	7,9847	-10,212	-58,52	-3,8
2127	Shell-Thin	SLE-ENVE	Min	0	0	0	20,6123	4,0336	-12,7665	-58,52	-3,94
2129	Shell-Thin	SLU-ENVE	Max	0	0	0	98,3997	16,2102	-16,7581	-48,53	19,84
2129	Shell-Thin	SLU-ENVE	Max	0	0	0	142,3125	22,9545	-12,0628	-48,53	32,63
2129	Shell-Thin	SLU-ENVE	Max	0	0	0	158,1765	0,3184	-13,9327	-49,95	32,63
2129	Shell-Thin	SLU-ENVE	Max	0	0	0	109,2282	0,2152	-18,6281	-49,95	19,84
2129	Shell-Thin	SLU-ENVE	Min	0	0	0	43,1751	5,3566	-25,0541	-114,31	3,67
2129	Shell-Thin	SLU-ENVE	Min	0	0	0	84,1519	14,595	-19,8439	-114,31	19,47
2129	Shell-Thin	SLU-ENVE	Min	0	0	0	94,2814	0,1199	-23	-131,12	19,47
2129	Shell-Thin	SLU-ENVE	Min	0	0	0	45,8442	-0,0936	-28,2102	-131,12	3,67
2129	Shell-Thin	SLE-ENVE	Max	0	0	0	51,7614	8,8787	-9,1767	-24,03	10,86
2129	Shell-Thin	SLE-ENVE	Max	0	0	0	76,6206	12,6146	-6,5596	-24,03	17,92
2129	Shell-Thin	SLE-ENVE	Max	0	0	0	85,382	0,1758	-7,5582	-24,71	17,92
2129	Shell-Thin	SLE-ENVE	Max	0	0	0	57,7367	0,1198	-10,1753	-24,71	10,86
2129	Shell-Thin	SLE-ENVE	Min	0	0	0	22,8581	3,0059	-13,7438	-62,73	2,1
2129	Shell-Thin	SLE-ENVE	Min	0	0	0	46,05	8,1455	-10,8553	-62,73	10,87
2129	Shell-Thin	SLE-ENVE	Min	0	0	0	51,687	0,0645	-12,5569	-72,06	10,87
2129	Shell-Thin	SLE-ENVE	Min	0	0	0	24,3502	-0,048	-15,4454	-72,06	2,1
2163	Shell-Thin	SLU-ENVE	Max	0	0	0	68,7383	1,0312	-6,3085	-10,68	-32,05
2163	Shell-Thin	SLU-ENVE	Max	0	0	0	76,7047	2,9802	-2,0155	-10,68	-27,97
2163	Shell-Thin	SLU-ENVE	Max	0	0	0	97,6064	15,8929	-1,9018	-5,81	-27,97
2163	Shell-Thin	SLU-ENVE	Max	0	0	0	89,5882	14,7218	-6,1948	-5,81	-32,05
2163	Shell-Thin	SLU-ENVE	Min	0	0	0	34,8677	-4,5494	-13,0052	-25,16	-46,8
2163	Shell-Thin	SLU-ENVE	Min	0	0	0	40,0956	-2,4552	-6,1276	-25,16	-48,23
2163	Shell-Thin	SLU-ENVE	Min	0	0	0	51,3218	7,237	-6,671	-37,88	-48,23
2163	Shell-Thin	SLU-ENVE	Min	0	0	0	48,5326	7,182	-13,5486	-37,88	-46,8
2163	Shell-Thin	SLE-ENVE	Max	0	0	0	35,7716	-0,2032	-3,5112	-4,2	-17,86
2163	Shell-Thin	SLE-ENVE	Max	0	0	0	39,3293	0,6051	-1,1302	-4,2	-15,6
2163	Shell-Thin	SLE-ENVE	Max	0	0	0	51,4297	8,3705	-1,0666	-1,5	-15,6
2163	Shell-Thin	SLE-ENVE	Max	0	0	0	47,4083	7,7956	-3,4477	-1,5	-17,86
2163	Shell-Thin	SLE-ENVE	Min	0	0	0	18,7173	-2,6247	-7,2294	-11,26	-26,07
2163	Shell-Thin	SLE-ENVE	Min	0	0	0	20,7513	-1,6374	-3,4144	-11,26	-26,87
2163	Shell-Thin	SLE-ENVE	Min	0	0	0	26,9877	3,7835	-3,7156	-18,34	-26,87
2163	Shell-Thin	SLE-ENVE	Min	0	0	0	26,3034	3,9222	-7,5306	-18,34	-26,07

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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
2164	Shell-Thin	SLU-ENVE	Max	0	0	0	89,5621	14,5916	-6,5011	-4,74	-28,67
2164	Shell-Thin	SLU-ENVE	Max	0	0	0	97,5927	15,8246	-1,968	-4,74	-25,44
2164	Shell-Thin	SLU-ENVE	Max	0	0	0	119,377	29,691	-2,397	0,01984	-25,44
2164	Shell-Thin	SLU-ENVE	Max	0	0	0	110,4243	27,9087	-6,93	0,01984	-28,67
2164	Shell-Thin	SLU-ENVE	Min	0	0	0	48,5214	7,1263	-13,7883	-39,55	-42,08
2164	Shell-Thin	SLU-ENVE	Min	0	0	0	51,3197	7,2263	-6,6748	-39,55	-43,05
2164	Shell-Thin	SLU-ENVE	Min	0	0	0	62,8082	15,4128	-6,4295	-51,68	-43,05
2164	Shell-Thin	SLU-ENVE	Min	0	0	0	62,3892	16,9282	-13,543	-51,68	-42,08
2164	Shell-Thin	SLE-ENVE	Max	0	0	0	47,3938	7,7231	-3,6134	-0,91	-15,99
2164	Shell-Thin	SLE-ENVE	Max	0	0	0	51,422	8,3323	-1,1039	-0,91	-14,23
2164	Shell-Thin	SLE-ENVE	Max	0	0	0	63,5101	16,1127	-1,3369	1,73	-14,23
2164	Shell-Thin	SLE-ENVE	Max	0	0	0	58,969	15,1803	-3,8464	1,73	-15,99
2164	Shell-Thin	SLE-ENVE	Min	0	0	0	26,2972	3,8913	-7,6582	-19,28	-23,47
2164	Shell-Thin	SLE-ENVE	Min	0	0	0	26,9865	3,7774	-3,7186	-19,28	-24,04
2164	Shell-Thin	SLE-ENVE	Min	0	0	0	33,3587	8,3835	-3,5769	-26,02	-24,04
2164	Shell-Thin	SLE-ENVE	Min	0	0	0	33,9891	9,3763	-7,5165	-26,02	-23,47
2165	Shell-Thin	SLU-ENVE	Max	0	0	0	110,427	27,9219	-7,417	-0,55	-3,74
2165	Shell-Thin	SLU-ENVE	Max	0	0	0	119,3736	29,6742	-2,988	-0,55	-1,94
2165	Shell-Thin	SLU-ENVE	Max	0	0	0	137,0034	26,4176	-3,1327	0,81	-1,94
2165	Shell-Thin	SLU-ENVE	Max	0	0	0	125,7086	23,6886	-7,5618	0,81	-3,74
2165	Shell-Thin	SLU-ENVE	Min	0	0	0	62,3855	16,9096	-12,9173	-51,52	-8,72
2165	Shell-Thin	SLU-ENVE	Min	0	0	0	62,8057	15,4004	-6,0781	-51,52	-12,8
2165	Shell-Thin	SLU-ENVE	Min	0	0	0	72,8178	15,1965	-5,7911	-55,84	-12,8
2165	Shell-Thin	SLU-ENVE	Min	0	0	0	73,0804	14,3508	-12,6303	-55,84	-8,72
2165	Shell-Thin	SLE-ENVE	Max	0	0	0	58,9704	15,1876	-4,105	1,39	-2,13
2165	Shell-Thin	SLE-ENVE	Max	0	0	0	63,5082	16,1033	-1,6578	1,39	-1,29
2165	Shell-Thin	SLE-ENVE	Max	0	0	0	73,271	14,4041	-1,7212	2,16	-1,29
2165	Shell-Thin	SLE-ENVE	Max	0	0	0	67,4343	12,9175	-4,1684	2,16	-2,13
2165	Shell-Thin	SLE-ENVE	Min	0	0	0	33,9871	9,3662	-7,1554	-25,96	-4,96
2165	Shell-Thin	SLE-ENVE	Min	0	0	0	33,3573	8,3767	-3,3761	-25,96	-7,45
2165	Shell-Thin	SLE-ENVE	Min	0	0	0	38,8961	8,3411	-3,2004	-28,35	-7,45
2165	Shell-Thin	SLE-ENVE	Min	0	0	0	39,9116	7,9853	-6,9798	-28,35	-4,96
2167	Shell-Thin	SLU-ENVE	Max	0	0	0	142,563	23,0045	-7,7091	3,21	28,84
2167	Shell-Thin	SLU-ENVE	Max	0	0	0	154,4353	24,1878	-2,7068	3,21	32,32
2167	Shell-Thin	SLU-ENVE	Max	0	0	0	170,8276	0,2815	-2,8225	6,71	32,32
2167	Shell-Thin	SLU-ENVE	Max	0	0	0	157,5332	0,1897	-7,8248	6,71	28,84
2167	Shell-Thin	SLU-ENVE	Min	0	0	0	84,1052	14,5856	-13,8548	-61,37	17,44
2167	Shell-Thin	SLU-ENVE	Min	0	0	0	82,6138	13,188	-6,0586	-61,37	16,27
2167	Shell-Thin	SLU-ENVE	Min	0	0	0	90,9881	-0,002	-7,5293	-71,33	16,27
2167	Shell-Thin	SLU-ENVE	Min	0	0	0	94,228	0,0414	-15,3255	-71,33	17,44
2167	Shell-Thin	SLE-ENVE	Max	0	0	0	76,7605	12,6426	-4,1455	3,43	15,81
2167	Shell-Thin	SLE-ENVE	Max	0	0	0	82,909	13,3022	-1,3668	3,43	17,73
2167	Shell-Thin	SLE-ENVE	Max	0	0	0	91,9556	0,1541	-1,3688	5,43	17,73
2167	Shell-Thin	SLE-ENVE	Max	0	0	0	85,0243	0,1042	-4,1475	5,43	15,81
2167	Shell-Thin	SLE-ENVE	Min	0	0	0	46,0236	8,1402	-7,5493	-31,53	9,61
2167	Shell-Thin	SLE-ENVE	Min	0	0	0	44,3091	7,3038	-3,2404	-31,53	8,99
2167	Shell-Thin	SLE-ENVE	Min	0	0	0	48,9452	-0,0035	-3,9863	-36,95	8,99
2167	Shell-Thin	SLE-ENVE	Min	0	0	0	51,6598	0,0249	-8,2951	-36,95	9,61
2201	Shell-Thin	SLU-ENVE	Max	0	0	0	76,7045	2,9802	3,8132	28,41	-25,89
2201	Shell-Thin	SLU-ENVE	Max	0	0	0	72,0905	1,4596	10,7462	28,41	-21,35

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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
2201	Shell-Thin	SLU-ENVE	Max	0	0	0	89,3102	14,4258	11,1847	36,34	-21,35
2201	Shell-Thin	SLU-ENVE	Max	0	0	0	97,6043	15,8925	4,2517	36,34	-25,89
2201	Shell-Thin	SLU-ENVE	Min	0	0	0	40,0319	-2,4679	0,4694	9,31	-48,68
2201	Shell-Thin	SLU-ENVE	Min	0	0	0	33,9738	-2,0148	4,943	9,31	-47,81
2201	Shell-Thin	SLU-ENVE	Min	0	0	0	41,6732	5,4157	5,3124	1,77	-47,81
2201	Shell-Thin	SLU-ENVE	Min	0	0	0	51,3217	7,237	0,7314	1,77	-48,68
2201	Shell-Thin	SLE-ENVE	Max	0	0	0	39,3485	0,6051	2,108	16,48	-14,46
2201	Shell-Thin	SLE-ENVE	Max	0	0	0	33,6136	-0,4958	5,9565	16,48	-11,93
2201	Shell-Thin	SLE-ENVE	Max	0	0	0	45,6308	7,3053	6,1957	20,87	-11,93
2201	Shell-Thin	SLE-ENVE	Max	0	0	0	51,4285	8,3703	2,3472	20,87	-14,46
2201	Shell-Thin	SLE-ENVE	Min	0	0	0	20,7161	-1,6445	0,2479	7,59	-27,13
2201	Shell-Thin	SLE-ENVE	Min	0	0	0	16,0855	-1,7644	2,7334	7,59	-26,65
2201	Shell-Thin	SLE-ENVE	Min	0	0	0	20,3718	2,5106	2,9347	3,38	-26,65
2201	Shell-Thin	SLE-ENVE	Min	0	0	0	26,9875	3,7835	0,3822	3,38	-27,13
2202	Shell-Thin	SLU-ENVE	Max	0	0	0	97,5906	15,8242	4,1884	37,76	-23,38
2202	Shell-Thin	SLU-ENVE	Max	0	0	0	89,2837	14,2931	11,3507	37,76	-19,08
2202	Shell-Thin	SLU-ENVE	Max	0	0	0	110,8038	27,9968	11,0778	45,51	-19,08
2202	Shell-Thin	SLU-ENVE	Max	0	0	0	119,3335	29,6823	3,9155	45,51	-23,38
2202	Shell-Thin	SLU-ENVE	Min	0	0	0	51,3196	7,2263	0,7069	1,02	-43,45
2202	Shell-Thin	SLU-ENVE	Min	0	0	0	41,6878	5,489	5,5021	1,02	-43,14
2202	Shell-Thin	SLU-ENVE	Min	0	0	0	49,7332	11,5366	5,2787	-5,77	-43,14
2202	Shell-Thin	SLU-ENVE	Min	0	0	0	62,8765	15,4265	0,4074	-5,77	-43,45
2202	Shell-Thin	SLE-ENVE	Max	0	0	0	51,4208	8,332	2,3108	21,66	-13,09
2202	Shell-Thin	SLE-ENVE	Max	0	0	0	45,616	7,2311	6,2797	21,66	-10,73
2202	Shell-Thin	SLE-ENVE	Max	0	0	0	57,5674	14,9312	6,1239	25,95	-10,73
2202	Shell-Thin	SLE-ENVE	Max	0	0	0	63,4856	16,1078	2,155	25,95	-13,09
2202	Shell-Thin	SLE-ENVE	Min	0	0	0	26,9863	3,7773	0,3717	2,96	-24,27
2202	Shell-Thin	SLE-ENVE	Min	0	0	0	20,3798	2,5508	3,0331	2,96	-24,12
2202	Shell-Thin	SLE-ENVE	Min	0	0	0	24,8489	5,9825	2,9072	-0,84	-24,12
2202	Shell-Thin	SLE-ENVE	Min	0	0	0	33,3961	8,391	0,2035	-0,84	-24,27
2203	Shell-Thin	SLU-ENVE	Max	0	0	0	119,3301	29,6655	3,5927	45,41	-2,57
2203	Shell-Thin	SLU-ENVE	Max	0	0	0	110,8072	28,0138	10,459	45,41	-6,7
2203	Shell-Thin	SLU-ENVE	Max	0	0	0	126,6619	24,0752	10,2346	51,71	-6,7
2203	Shell-Thin	SLU-ENVE	Max	0	0	0	137,029	26,4227	3,3683	51,71	-2,57
2203	Shell-Thin	SLU-ENVE	Min	0	0	0	62,874	15,4141	0,2139	-5,26	-13,02
2203	Shell-Thin	SLU-ENVE	Min	0	0	0	49,7243	11,4924	5,0462	-5,26	-10,45
2203	Shell-Thin	SLU-ENVE	Min	0	0	0	58,5871	12,8535	4,8819	-4,44	-10,45
2203	Shell-Thin	SLU-ENVE	Min	0	0	0	72,7836	15,1896	0,1179	-4,44	-13,02
2203	Shell-Thin	SLE-ENVE	Max	0	0	0	63,4837	16,0984	1,9785	25,88	-1,63
2203	Shell-Thin	SLE-ENVE	Max	0	0	0	57,5692	14,9401	5,7717	25,88	-3,97
2203	Shell-Thin	SLE-ENVE	Max	0	0	0	66,3487	12,8979	5,648	29,38	-3,97
2203	Shell-Thin	SLE-ENVE	Max	0	0	0	73,2843	14,4068	1,8548	29,38	-1,63
2203	Shell-Thin	SLE-ENVE	Min	0	0	0	33,3948	8,3842	0,1025	-0,58	-7,56
2203	Shell-Thin	SLE-ENVE	Min	0	0	0	24,8439	5,9575	2,7745	-0,58	-6,02
2203	Shell-Thin	SLE-ENVE	Min	0	0	0	29,7436	6,8374	2,6933	-0,13	-6,02
2203	Shell-Thin	SLE-ENVE	Min	0	0	0	38,8761	8,3371	0,0553	-0,13	-7,56
2205	Shell-Thin	SLU-ENVE	Max	0	0	0	154,5271	24,2062	4,0048	53,55	31,96
2205	Shell-Thin	SLU-ENVE	Max	0	0	0	143,9849	23,4026	11,7926	53,55	29,4
2205	Shell-Thin	SLU-ENVE	Max	0	0	0	159,3122	0,1916	13,3467	61,13	29,4
2205	Shell-Thin	SLU-ENVE	Max	0	0	0	170,6032	0,2622	5,559	61,13	31,96

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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
2205	Shell-Thin	SLU-ENVE	Min	0	0	0	82,4828	13,1618	0,3485	-8,83	18,05
2205	Shell-Thin	SLU-ENVE	Min	0	0	0	65,5602	9,6895	5,4936	-8,83	11,39
2205	Shell-Thin	SLU-ENVE	Min	0	0	0	71,5178	-0,0338	6,269	-13,38	11,39
2205	Shell-Thin	SLU-ENVE	Min	0	0	0	91,2975	-0,0099	1,1805	-13,38	18,05
2205	Shell-Thin	SLE-ENVE	Max	0	0	0	82,9551	13,3114	2,2546	30,37	17,57
2205	Shell-Thin	SLE-ENVE	Max	0	0	0	75,91	12,735	6,5475	30,37	15,9
2205	Shell-Thin	SLE-ENVE	Max	0	0	0	84,3178	0,1038	7,4364	34,6	15,9
2205	Shell-Thin	SLE-ENVE	Max	0	0	0	91,84	0,1454	3,1435	34,6	17,57
2205	Shell-Thin	SLE-ENVE	Min	0	0	0	44,2334	7,2887	0,2991	-2,69	10,02
2205	Shell-Thin	SLE-ENVE	Min	0	0	0	33,5659	5,2458	3,1487	-2,69	6,1
2205	Shell-Thin	SLE-ENVE	Min	0	0	0	36,8124	-0,0185	3,6632	-5,1	6,1
2205	Shell-Thin	SLE-ENVE	Min	0	0	0	49,1239	-0,0062	0,8377	-5,1	10,02
2239	Shell-Thin	SLU-ENVE	Max	0	0	0	72,2052	1,4825	16,5733	58,88	-20,42
2239	Shell-Thin	SLU-ENVE	Max	0	0	0	51,689	-1,0328	21,6236	58,88	-20,44
2239	Shell-Thin	SLU-ENVE	Max	0	0	0	68,8406	11,0094	22,608	75,47	-20,44
2239	Shell-Thin	SLU-ENVE	Max	0	0	0	89,3117	14,4261	17,5525	75,47	-20,42
2239	Shell-Thin	SLU-ENVE	Min	0	0	0	33,9763	-2,0144	7,6838	28,63	-44,36
2239	Shell-Thin	SLU-ENVE	Min	0	0	0	19,317	-4,0336	10,4629	28,63	-37,24
2239	Shell-Thin	SLU-ENVE	Min	0	0	0	27,9399	3,4094	10,8073	26,77	-37,24
2239	Shell-Thin	SLU-ENVE	Min	0	0	0	41,6673	5,4145	8,0282	26,77	-44,36
2239	Shell-Thin	SLE-ENVE	Max	0	0	0	33,5989	-0,483	9,1942	34,22	-11,42
2239	Shell-Thin	SLE-ENVE	Max	0	0	0	20,7627	-1,6939	11,9993	34,22	-11,42
2239	Shell-Thin	SLE-ENVE	Max	0	0	0	30,3151	4,643	12,5374	43,99	-11,42
2239	Shell-Thin	SLE-ENVE	Max	0	0	0	45,6319	7,3055	9,7299	43,99	-11,42
2239	Shell-Thin	SLE-ENVE	Min	0	0	0	16,0871	-1,7673	4,2584	19,25	-24,74
2239	Shell-Thin	SLE-ENVE	Min	0	0	0	6,2756	-3,121	5,8053	19,25	-20,83
2239	Shell-Thin	SLE-ENVE	Min	0	0	0	11,0847	1,0415	5,9895	18,2	-20,83
2239	Shell-Thin	SLE-ENVE	Min	0	0	0	20,3687	2,51	4,4425	18,2	-24,74
2240	Shell-Thin	SLU-ENVE	Max	0	0	0	89,2852	14,2934	17,7117	78,19	-18,05
2240	Shell-Thin	SLU-ENVE	Max	0	0	0	68,8087	10,8503	22,9681	78,19	-18,42
2240	Shell-Thin	SLU-ENVE	Max	0	0	0	85,7113	21,6466	22,5711	96,5	-18,42
2240	Shell-Thin	SLU-ENVE	Max	0	0	0	110,8231	28,0007	17,3602	96,5	-18,05
2240	Shell-Thin	SLU-ENVE	Min	0	0	0	41,682	5,4879	8,2264	26,93	-39,68
2240	Shell-Thin	SLU-ENVE	Min	0	0	0	27,9364	3,3922	11,2052	26,93	-33,45
2240	Shell-Thin	SLU-ENVE	Min	0	0	0	36,6424	9,6219	11,4879	25,61	-33,45
2240	Shell-Thin	SLU-ENVE	Min	0	0	0	49,7299	11,536	8,5091	25,61	-39,68
2240	Shell-Thin	SLE-ENVE	Max	0	0	0	45,617	7,2313	9,8099	45,51	-10,17
2240	Shell-Thin	SLE-ENVE	Max	0	0	0	30,2972	4,5536	12,7233	45,51	-10,37
2240	Shell-Thin	SLE-ENVE	Max	0	0	0	39,7091	10,689	12,4889	55,65	-10,37
2240	Shell-Thin	SLE-ENVE	Max	0	0	0	57,5781	14,9334	9,6012	55,65	-10,17
2240	Shell-Thin	SLE-ENVE	Min	0	0	0	20,3768	2,5502	4,5455	18,3	-22,21
2240	Shell-Thin	SLE-ENVE	Min	0	0	0	11,0827	1,0312	6,1987	18,3	-18,84
2240	Shell-Thin	SLE-ENVE	Min	0	0	0	15,9404	4,5612	6,3446	17,52	-18,84
2240	Shell-Thin	SLE-ENVE	Min	0	0	0	24,8468	5,9821	4,6914	17,52	-22,21
2241	Shell-Thin	SLU-ENVE	Max	0	0	0	110,8265	28,0177	16,6337	96,62	-3,5
2241	Shell-Thin	SLU-ENVE	Max	0	0	0	85,7165	21,6727	21,4975	96,62	-1,07
2241	Shell-Thin	SLU-ENVE	Max	0	0	0	96,7552	16,8185	21,0522	107,63	-1,07
2241	Shell-Thin	SLU-ENVE	Max	0	0	0	126,6514	24,0731	16,1761	107,63	-3,5
2241	Shell-Thin	SLU-ENVE	Min	0	0	0	49,721	11,4917	8,5839	26,34	-9,3
2241	Shell-Thin	SLU-ENVE	Min	0	0	0	36,6377	9,5985	11,8755	26,34	-9,66

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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
2241	Shell-Thin	SLU-ENVE	Min	0	0	0	43,6836	8,745	11,7913	29,95	-9,66
2241	Shell-Thin	SLU-ENVE	Min	0	0	0	58,5759	12,8513	8,4997	29,95	-9,3
2241	Shell-Thin	SLE-ENVE	Max	0	0	0	57,5798	14,9422	9,1888	55,71	-2,19
2241	Shell-Thin	SLE-ENVE	Max	0	0	0	39,7114	10,7003	11,8689	55,71	-1,06
2241	Shell-Thin	SLE-ENVE	Max	0	0	0	45,8275	8,2741	11,6078	61,78	-1,06
2241	Shell-Thin	SLE-ENVE	Max	0	0	0	66,3414	12,8964	8,9198	61,78	-2,19
2241	Shell-Thin	SLE-ENVE	Min	0	0	0	24,8418	5,9571	4,729	17,92	-5,38
2241	Shell-Thin	SLE-ENVE	Min	0	0	0	15,9373	4,5455	6,5402	17,92	-5,7
2241	Shell-Thin	SLE-ENVE	Min	0	0	0	19,8495	4,2281	6,4857	19,88	-5,7
2241	Shell-Thin	SLE-ENVE	Min	0	0	0	29,7354	6,8358	4,6746	19,88	-5,38
2243	Shell-Thin	SLU-ENVE	Max	0	0	0	143,7336	23,3523	17,8446	114,22	32,94
2243	Shell-Thin	SLU-ENVE	Max	0	0	0	110,2024	17,8962	23,4289	114,22	22,38
2243	Shell-Thin	SLU-ENVE	Max	0	0	0	122,1074	0,2188	26,605	130,42	22,38
2243	Shell-Thin	SLU-ENVE	Max	0	0	0	159,9239	0,3139	21,0504	130,42	32,94
2243	Shell-Thin	SLU-ENVE	Min	0	0	0	65,4854	9,6746	8,8097	27,64	12,71
2243	Shell-Thin	SLU-ENVE	Min	0	0	0	50,6067	8,6751	12,1202	27,64	9,38
2243	Shell-Thin	SLU-ENVE	Min	0	0	0	56,5956	-0,0461	13,1767	28,16	9,38
2243	Shell-Thin	SLU-ENVE	Min	0	0	0	71,7341	0,0095	9,8663	28,16	12,71
2243	Shell-Thin	SLE-ENVE	Max	0	0	0	75,7649	12,7059	9,8667	65,32	17,93
2243	Shell-Thin	SLE-ENVE	Max	0	0	0	53,1808	9,3382	12,9238	65,32	11,49
2243	Shell-Thin	SLE-ENVE	Max	0	0	0	59,5694	0,1169	14,7443	74,44	11,49
2243	Shell-Thin	SLE-ENVE	Max	0	0	0	84,6679	0,1738	11,6859	74,44	17,93
2243	Shell-Thin	SLE-ENVE	Min	0	0	0	33,5186	5,2363	4,948	18,42	6,89
2243	Shell-Thin	SLE-ENVE	Min	0	0	0	23,6227	4,4836	6,7295	18,42	4,49
2243	Shell-Thin	SLE-ENVE	Min	0	0	0	26,8135	-0,0296	7,414	18,89	4,49
2243	Shell-Thin	SLE-ENVE	Min	0	0	0	36,9446	0,008	5,6326	18,89	6,89
2277	Shell-Thin	SLU-ENVE	Max	0	0	0	51,6836	-1,0324	25,5729	86,46	-19,51
2277	Shell-Thin	SLU-ENVE	Max	0	0	0	12,4218	-5,2731	27,5328	86,46	-9,03
2277	Shell-Thin	SLU-ENVE	Max	0	0	0	19,3301	2,2146	28,8835	111,14	-9,03
2277	Shell-Thin	SLU-ENVE	Max	0	0	0	68,8344	11,0082	26,9235	111,14	-19,51
2277	Shell-Thin	SLU-ENVE	Min	0	0	0	19,3911	-4,0188	13,241	48,83	-34,03
2277	Shell-Thin	SLU-ENVE	Min	0	0	0	-11,7164	-7,3293	16,0033	48,83	-23,31
2277	Shell-Thin	SLU-ENVE	Min	0	0	0	-12,1127	-4,2296	16,5795	50,86	-23,31
2277	Shell-Thin	SLU-ENVE	Min	0	0	0	27,9291	3,4072	13,8172	50,86	-34,03
2277	Shell-Thin	SLE-ENVE	Max	0	0	0	20,76	-1,6936	14,1968	49,8	-10,93
2277	Shell-Thin	SLE-ENVE	Max	0	0	0	-1,9487	-4,4609	15,2898	49,8	-5,06
2277	Shell-Thin	SLE-ENVE	Max	0	0	0	1,9126	-0,4767	16,0309	63,51	-5,06
2277	Shell-Thin	SLE-ENVE	Max	0	0	0	30,3127	4,6425	14,9379	63,51	-10,93
2277	Shell-Thin	SLE-ENVE	Min	0	0	0	6,317	-3,1127	7,3533	31,29	-19,05
2277	Shell-Thin	SLE-ENVE	Min	0	0	0	-11,3351	-5,3626	8,8936	31,29	-13,03
2277	Shell-Thin	SLE-ENVE	Min	0	0	0	-11,5421	-3,2853	9,2076	32,43	-13,03
2277	Shell-Thin	SLE-ENVE	Min	0	0	0	11,0794	1,0404	7,6673	32,43	-19,05
2278	Shell-Thin	SLU-ENVE	Max	0	0	0	68,8026	10,8491	27,2963	114,49	-16,22
2278	Shell-Thin	SLU-ENVE	Max	0	0	0	19,3239	2,1836	29,4654	114,49	-6,76
2278	Shell-Thin	SLU-ENVE	Max	0	0	0	26,0935	7,7856	29,1225	139,24	-6,76
2278	Shell-Thin	SLU-ENVE	Max	0	0	0	85,706	21,6455	26,9534	139,24	-16,22
2278	Shell-Thin	SLU-ENVE	Min	0	0	0	27,9256	3,39	14,2205	51,45	-30,09
2278	Shell-Thin	SLU-ENVE	Min	0	0	0	-12,1013	-4,1729	17,0296	51,45	-19,7
2278	Shell-Thin	SLU-ENVE	Min	0	0	0	-12,4253	-2,3868	17,3297	54,26	-19,7
2278	Shell-Thin	SLU-ENVE	Min	0	0	0	36,535	9,6005	14,5206	54,26	-30,09

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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
2278	Shell-Thin	SLE-ENVE	Max	0	0	0	30,2948	4,5531	15,1312	65,39	-9,21
2278	Shell-Thin	SLE-ENVE	Max	0	0	0	1,9092	-0,4942	16,3412	65,39	-3,83
2278	Shell-Thin	SLE-ENVE	Max	0	0	0	5,7215	2,6947	16,1303	79,11	-3,83
2278	Shell-Thin	SLE-ENVE	Max	0	0	0	39,7074	10,6887	14,9203	79,11	-9,21
2278	Shell-Thin	SLE-ENVE	Min	0	0	0	11,0773	1,0301	7,8801	32,78	-17
2278	Shell-Thin	SLE-ENVE	Min	0	0	0	-11,5359	-3,254	9,4491	32,78	-11,11
2278	Shell-Thin	SLE-ENVE	Min	0	0	0	-11,6849	-2,227	9,5985	34,31	-11,11
2278	Shell-Thin	SLE-ENVE	Min	0	0	0	15,8816	4,5494	8,0295	34,31	-17
2279	Shell-Thin	SLU-ENVE	Max	0	0	0	85,7112	21,6717	25,8577	139,52	2,32
2279	Shell-Thin	SLU-ENVE	Max	0	0	0	26,107	7,8535	28,4073	139,52	2,15
2279	Shell-Thin	SLU-ENVE	Max	0	0	0	31,0864	4,3812	27,9064	156,85	2,15
2279	Shell-Thin	SLU-ENVE	Max	0	0	0	96,7713	16,8217	25,3568	156,85	2,32
2279	Shell-Thin	SLU-ENVE	Min	0	0	0	36,5303	9,577	14,8914	55,13	-6,13
2279	Shell-Thin	SLU-ENVE	Min	0	0	0	-12,4117	-2,319	17,3033	55,13	-3,58
2279	Shell-Thin	SLU-ENVE	Min	0	0	0	-11,6402	-2,8453	17,1492	62,65	-3,58
2279	Shell-Thin	SLU-ENVE	Min	0	0	0	43,7689	8,762	14,7373	62,65	-6,13
2279	Shell-Thin	SLE-ENVE	Max	0	0	0	39,7097	10,7	14,2877	79,3	0,77
2279	Shell-Thin	SLE-ENVE	Max	0	0	0	5,7293	2,7337	15,7007	79,3	0,93
2279	Shell-Thin	SLE-ENVE	Max	0	0	0	8,5695	1,0177	15,3852	88,81	0,93
2279	Shell-Thin	SLE-ENVE	Max	0	0	0	45,8366	8,2759	13,9723	88,81	0,77
2279	Shell-Thin	SLE-ENVE	Min	0	0	0	15,8784	4,5337	8,2151	34,81	-3,78
2279	Shell-Thin	SLE-ENVE	Min	0	0	0	-11,6771	-2,1879	9,5549	34,81	-2,24
2279	Shell-Thin	SLE-ENVE	Min	0	0	0	-11,2024	-2,3696	9,4377	38,86	-2,24
2279	Shell-Thin	SLE-ENVE	Min	0	0	0	19,8966	4,2375	8,098	38,86	-3,78
2281	Shell-Thin	SLU-ENVE	Max	0	0	0	109,9146	17,8386	27,4241	163,89	26,41
2281	Shell-Thin	SLU-ENVE	Max	0	0	0	37,0338	5,5333	29,5785	163,89	4,16
2281	Shell-Thin	SLU-ENVE	Max	0	0	0	40,0332	0,0368	34,1451	187,95	4,16
2281	Shell-Thin	SLU-ENVE	Max	0	0	0	122,8044	0,3582	31,9908	187,95	26,41
2281	Shell-Thin	SLU-ENVE	Min	0	0	0	50,4942	8,6526	14,8457	60,2	11,85
2281	Shell-Thin	SLU-ENVE	Min	0	0	0	-11,0435	-2,48	17,4484	60,2	-7,43
2281	Shell-Thin	SLU-ENVE	Min	0	0	0	-13,336	-0,2435	19,3996	65,84	-7,43
2281	Shell-Thin	SLU-ENVE	Min	0	0	0	56,8288	0,0899	16,797	65,84	11,85
2281	Shell-Thin	SLE-ENVE	Max	0	0	0	53,0104	9,3042	15,0657	92,46	13,8
2281	Shell-Thin	SLE-ENVE	Max	0	0	0	11,8538	2,2279	16,1468	92,46	1,2
2281	Shell-Thin	SLE-ENVE	Max	0	0	0	13,2002	0,0129	18,7068	106,02	1,2
2281	Shell-Thin	SLE-ENVE	Max	0	0	0	59,9728	0,1975	17,6258	106,02	13,8
2281	Shell-Thin	SLE-ENVE	Min	0	0	0	23,5461	4,4683	8,1643	37,1	6,15
2281	Shell-Thin	SLE-ENVE	Min	0	0	0	-10,874	-1,8449	9,488	37,1	-4,88
2281	Shell-Thin	SLE-ENVE	Min	0	0	0	-12,3364	-0,1418	10,6654	40,6	-4,88
2281	Shell-Thin	SLE-ENVE	Min	0	0	0	26,9662	0,0488	9,3417	40,6	6,15
2315	Shell-Thin	SLU-ENVE	Max	0	0	0	12,3035	-5,2968	28,0916	104,01	-2,32
2315	Shell-Thin	SLU-ENVE	Max	0	0	0	-39,0978	-	27,6878	104,01	5,89
								10,0958			
2315	Shell-Thin	SLU-ENVE	Max	0	0	0	-44,1025	-9,1768	29,0557	128,78	5,89
2315	Shell-Thin	SLU-ENVE	Max	0	0	0	19,2875	2,206	29,4596	128,78	-2,32
2315	Shell-Thin	SLU-ENVE	Min	0	0	0	-11,7308	-7,3322	18,1014	70,61	-14,51
2315	Shell-Thin	SLU-ENVE	Min	0	0	0	-59,4768	-	18,7972	70,61	-5,89
								13,4946			
2315	Shell-Thin	SLU-ENVE	Min	0	0	0	-68,8256	-	19,7687	90,65	-5,89
								14,3559			



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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
2315	Shell-Thin	SLU-ENVE	Min	0	0	0	-12,1691	-4,2409	19,073	90,65	-14,51
2315	Shell-Thin	SLE-ENVE	Max	0	0	0	-2,0139	-4,4501	15,599	59,22	-1,32
2315	Shell-Thin	SLE-ENVE	Max	0	0	0	-31,2375	-7,5994	15,3763	59,22	3,26
2315	Shell-Thin	SLE-ENVE	Max	0	0	0	-31,8397	-6,5552	16,1239	73,91	3,26
2315	Shell-Thin	SLE-ENVE	Max	0	0	0	1,888	-0,4817	16,3466	73,91	-1,32
2315	Shell-Thin	SLE-ENVE	Min	0	0	0	-11,3428	-5,3632	10,0622	44,2	-8,09
2315	Shell-Thin	SLE-ENVE	Min	0	0	0	-39,6537	-8,8153	10,4499	44,2	-3,28
2315	Shell-Thin	SLE-ENVE	Min	0	0	0	-44,8513	-9,29	10,9869	55,38	-3,28
2315	Shell-Thin	SLE-ENVE	Min	0	0	0	-11,5744	-3,2917	10,5991	55,38	-8,09
2316	Shell-Thin	SLU-ENVE	Max	0	0	0	19,2813	2,1751	30,0016	131,8	0,38
2316	Shell-Thin	SLU-ENVE	Max	0	0	0	-44,1116	-9,1564	29,5634	131,8	7,25
2316	Shell-Thin	SLU-ENVE	Max	0	0	0	-46,3524	-7,4033	29,3842	162,23	7,25
2316	Shell-Thin	SLU-ENVE	Max	0	0	0	26,3232	7,8316	29,8224	162,23	0,38
2316	Shell-Thin	SLU-ENVE	Min	0	0	0	-12,1578	-4,1842	19,5192	92,77	-12,08
2316	Shell-Thin	SLU-ENVE	Min	0	0	0	-68,8035	-	20,0922	92,77	-4,65
								14,2452			
2316	Shell-Thin	SLU-ENVE	Min	0	0	0	-79,3139	-	19,9725	114,07	-4,65
								15,7157			
2316	Shell-Thin	SLU-ENVE	Min	0	0	0	-12,3126	-2,3643	19,3995	114,07	-12,08
2316	Shell-Thin	SLE-ENVE	Max	0	0	0	1,8845	-0,4991	16,6262	75,62	0,13
2316	Shell-Thin	SLE-ENVE	Max	0	0	0	-31,8442	-6,5777	16,3929	75,62	4
2316	Shell-Thin	SLE-ENVE	Max	0	0	0	-33,0838	-5,5587	16,2664	92,62	4
2316	Shell-Thin	SLE-ENVE	Max	0	0	0	5,8564	2,7216	16,4997	92,62	0,13
2316	Shell-Thin	SLE-ENVE	Min	0	0	0	-11,5681	-3,2604	10,8402	56,56	-6,79
2316	Shell-Thin	SLE-ENVE	Min	0	0	0	-44,8385	-9,2264	11,1654	56,56	-2,61
2316	Shell-Thin	SLE-ENVE	Min	0	0	0	-50,6717	-10,036	11,0912	68,51	-2,61
2316	Shell-Thin	SLE-ENVE	Min	0	0	0	-11,6171	-2,2135	10,766	68,51	-6,79
2317	Shell-Thin	SLU-ENVE	Max	0	0	0	26,3367	7,8994	28,8871	162,76	7,24
2317	Shell-Thin	SLU-ENVE	Max	0	0	0	-46,4214	-7,7483	28,8547	162,76	10,34
2317	Shell-Thin	SLU-ENVE	Max	0	0	0	-50,9128	-	28,4898	182,81	10,34
								11,5597			
2317	Shell-Thin	SLU-ENVE	Max	0	0	0	30,6967	4,3033	28,5152	182,81	7,24
2317	Shell-Thin	SLU-ENVE	Min	0	0	0	-12,299	-2,2965	18,9892	114,78	4,45
2317	Shell-Thin	SLU-ENVE	Min	0	0	0	-79,4116	-16,204	19,2617	114,78	4,68
2317	Shell-Thin	SLU-ENVE	Min	0	0	0	-89,2243	-19,45	18,8585	127,32	4,68
2317	Shell-Thin	SLU-ENVE	Min	0	0	0	-12,0065	-2,9185	18,586	127,32	4,45
2317	Shell-Thin	SLE-ENVE	Max	0	0	0	5,8642	2,7607	15,9794	93,03	3,54
2317	Shell-Thin	SLE-ENVE	Max	0	0	0	-33,1237	-5,7582	15,9389	93,03	5,6
2317	Shell-Thin	SLE-ENVE	Max	0	0	0	-35,904	-8,2019	15,6575	103,96	5,6
2317	Shell-Thin	SLE-ENVE	Max	0	0	0	8,3443	0,9726	15,7063	103,96	3,54
2317	Shell-Thin	SLE-ENVE	Min	0	0	0	-11,6092	-2,1744	10,5084	68,98	2,21
2317	Shell-Thin	SLE-ENVE	Min	0	0	0	-50,7271	-10,313	10,6867	68,98	2,4
2317	Shell-Thin	SLE-ENVE	Min	0	0	0	-56,0928	-12,075	10,4199	75,79	2,4
2317	Shell-Thin	SLE-ENVE	Min	0	0	0	-11,4143	-2,4119	10,2415	75,79	2,21
2319	Shell-Thin	SLU-ENVE	Max	0	0	0	35,6551	5,2576	30,6649	191,99	12,62
2319	Shell-Thin	SLU-ENVE	Max	0	0	0	-50,5644	-	29,2916	191,99	-22,54
								12,4131			
2319	Shell-Thin	SLU-ENVE	Max	0	0	0	-57,5208	-0,4865	33,4501	226,38	-22,54
2319	Shell-Thin	SLU-ENVE	Max	0	0	0	42,1342	0,3198	34,8234	226,38	12,62
2319	Shell-Thin	SLU-ENVE	Min	0	0	0	-12,5296	-2,7773	19,0547	132,02	0,9

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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
2319	Shell-Thin	SLU-ENVE	Min	0	0	0	-94,3675	-	18,5986	132,02	-37,12
								22,9648			
2319	Shell-Thin	SLU-ENVE	Min	0	0	0	-109,0166	-0,7863	21,1291	156,42	-37,12
2319	Shell-Thin	SLU-ENVE	Min	0	0	0	-11,3802	0,1737	21,5851	156,42	0,9
2319	Shell-Thin	SLE-ENVE	Max	0	0	0	11,0263	2,0624	16,432	108,02	5,7
2319	Shell-Thin	SLE-ENVE	Max	0	0	0	-34,9679	-8,1871	15,4687	108,02	-14,63
2319	Shell-Thin	SLE-ENVE	Max	0	0	0	-39,1995	-0,3257	17,6379	127,18	-14,63
2319	Shell-Thin	SLE-ENVE	Max	0	0	0	14,4062	0,1781	18,6013	127,18	5,7
2319	Shell-Thin	SLE-ENVE	Min	0	0	0	-11,7472	-2,0196	10,2916	77,44	-0,2
2319	Shell-Thin	SLE-ENVE	Min	0	0	0	-58,6278	-13,89	9,84	77,44	-22,54
2319	Shell-Thin	SLE-ENVE	Min	0	0	0	-66,9166	-0,4746	11,2096	91,34	-22,54
2319	Shell-Thin	SLE-ENVE	Min	0	0	0	-11,2146	0,0992	11,6612	91,34	-0,2
2353	Shell-Thin	SLU-ENVE	Max	0	0	0	-39,1272	-	25,7209	107,82	14,09
								10,1016			
2353	Shell-Thin	SLU-ENVE	Max	0	0	0	-66,4672	-	22,8871	107,82	22,5
								13,1721			
2353	Shell-Thin	SLU-ENVE	Max	0	0	0	-79,2311	-	23,8236	156	22,5
								16,1269			
2353	Shell-Thin	SLU-ENVE	Max	0	0	0	-44,0343	-9,1631	26,6574	156	14,09
2353	Shell-Thin	SLU-ENVE	Min	0	0	0	-59,5148	-	18,0396	79,91	2,62
								13,5022			
2353	Shell-Thin	SLU-ENVE	Min	0	0	0	-92,2538	-	16,1815	79,91	12,1
								18,2511			
2353	Shell-Thin	SLU-ENVE	Min	0	0	0	-113,9715	-	17,045	114,49	12,1
								23,2995			
2353	Shell-Thin	SLU-ENVE	Min	0	0	0	-68,7536	-	18,9031	114,49	2,62
								14,3415			
2353	Shell-Thin	SLE-ENVE	Max	0	0	0	-31,3125	-7,6029	14,2809	61,77	7,83
2353	Shell-Thin	SLE-ENVE	Max	0	0	0	-47,6226	-9,4531	12,7006	61,77	12,54
2353	Shell-Thin	SLE-ENVE	Max	0	0	0	-54,7534	-	13,2098	87,92	12,54
								11,1181			
2353	Shell-Thin	SLE-ENVE	Max	0	0	0	-31,8007	-6,5474	14,7901	87,92	7,83
2353	Shell-Thin	SLE-ENVE	Min	0	0	0	-39,6752	-8,8196	10,0278	49,99	1,46
2353	Shell-Thin	SLE-ENVE	Min	0	0	0	-58,2081	-	8,9907	49,99	6,79
								11,5291			
2353	Shell-Thin	SLE-ENVE	Min	0	0	0	-70,3029	-	9,4668	69,33	6,79
								14,3459			
2353	Shell-Thin	SLE-ENVE	Min	0	0	0	-44,8105	-9,2819	10,5039	69,33	1,46
2354	Shell-Thin	SLU-ENVE	Max	0	0	0	-44,0433	-9,1462	26,9877	158,22	15,89
2354	Shell-Thin	SLU-ENVE	Max	0	0	0	-79,2306	-	24,0625	158,22	16,36
								16,1246			
2354	Shell-Thin	SLU-ENVE	Max	0	0	0	-91,1154	-	24,3149	201,83	16,36
								17,2263			
2354	Shell-Thin	SLU-ENVE	Max	0	0	0	-46,4307	-7,4189	27,2401	201,83	15,89
2354	Shell-Thin	SLU-ENVE	Min	0	0	0	-68,7315	-	19,0682	116,42	3,91
								14,2308			
2354	Shell-Thin	SLU-ENVE	Min	0	0	0	-113,9729	-	17,1605	116,42	8,56
								23,3063			
2354	Shell-Thin	SLU-ENVE	Min	0	0	0	-134,5626	-	17,0751	144,6	8,56
								25,0783			
2354	Shell-Thin	SLU-ENVE	Min	0	0	0	-79,5644	-	18,9828	144,6	3,91
								15,7658			
2354	Shell-Thin	SLE-ENVE	Max	0	0	0	-31,8052	-6,5699	14,9528	89,16	8,82

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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
2354	Shell-Thin	SLE-ENVE	Max	0	0	0	-54,755	-	13,3262	89,16	9,04
								11,1262			
2354	Shell-Thin	SLE-ENVE	Max	0	0	0	-61,3464	-	13,4607	113,39	9,04
								11,6554			
2354	Shell-Thin	SLE-ENVE	Max	0	0	0	-33,133	-5,5686	15,0873	113,39	8,82
2354	Shell-Thin	SLE-ENVE	Min	0	0	0	-44,7978	-9,2182	10,5859	70,39	2,16
2354	Shell-Thin	SLE-ENVE	Min	0	0	0	-70,3043	-	9,5229	70,39	4,6
								14,3531			
2354	Shell-Thin	SLE-ENVE	Min	0	0	0	-81,7498	-	9,4847	85,93	4,6
								15,3075			
2354	Shell-Thin	SLE-ENVE	Min	0	0	0	-50,8153	-	10,5477	85,93	2,16
								10,0647			
2355	Shell-Thin	SLU-ENVE	Max	0	0	0	-46,4997	-7,764	27,5939	203,54	17,79
2355	Shell-Thin	SLU-ENVE	Max	0	0	0	-90,9723	-	24,849	203,54	45,68
								16,5107			
2355	Shell-Thin	SLU-ENVE	Max	0	0	0	-104,6121	-	23,883	242,76	45,68
								26,0051			
2355	Shell-Thin	SLU-ENVE	Max	0	0	0	-50,5116	-	26,6278	242,76	17,79
								11,4795			
2355	Shell-Thin	SLU-ENVE	Min	0	0	0	-79,6621	-	18,8119	145,86	11,55
								16,2541			
2355	Shell-Thin	SLU-ENVE	Min	0	0	0	-134,3091	-	17,0827	145,86	24,75
								23,8108			
2355	Shell-Thin	SLU-ENVE	Min	0	0	0	-157,6664	-	16,04	182,42	24,75
								40,7918			
2355	Shell-Thin	SLU-ENVE	Min	0	0	0	-88,4313	-	17,7692	182,42	11,55
								19,2914			
2355	Shell-Thin	SLE-ENVE	Max	0	0	0	-33,1729	-5,768	15,2877	114,42	9,78
2355	Shell-Thin	SLE-ENVE	Max	0	0	0	-61,2575	-	13,7697	114,42	25,74
								11,2112			
2355	Shell-Thin	SLE-ENVE	Max	0	0	0	-69,1071	-	13,1418	137,04	25,74
								16,9544			
2355	Shell-Thin	SLE-ENVE	Max	0	0	0	-35,5692	-8,1514	14,6598	137,04	9,78
2355	Shell-Thin	SLE-ENVE	Min	0	0	0	-50,8707	-	10,4821	86,74	6,34
								10,3417			
2355	Shell-Thin	SLE-ENVE	Min	0	0	0	-81,605	-	9,5182	86,74	14,7
								14,5831			
2355	Shell-Thin	SLE-ENVE	Min	0	0	0	-94,6757	-	8,8704	108,5	14,7
								24,2036			
2355	Shell-Thin	SLE-ENVE	Min	0	0	0	-55,6398	-	9,8343	108,5	6,34
								11,9844			
2357	Shell-Thin	SLU-ENVE	Max	0	0	0	-49,0898	-	27,022	327,91	-20,96
								12,1938			
2357	Shell-Thin	SLU-ENVE	Max	0	0	0	-122,4339	-	25,4742	327,91	-72,88
								36,3326			
2357	Shell-Thin	SLU-ENVE	Max	0	0	0	-107,3017	1,1123	26,6438	236,76	-72,88
2357	Shell-Thin	SLU-ENVE	Max	0	0	0	-58,1297	-0,6083	28,1916	236,76	-20,96
2357	Shell-Thin	SLU-ENVE	Min	0	0	0	-92,3042	-	17,3836	240,42	-35,94
								22,5521			
2357	Shell-Thin	SLU-ENVE	Min	0	0	0	-190,362	-	17,0447	240,42	-111,83
								58,2706			
2357	Shell-Thin	SLU-ENVE	Min	0	0	0	-172,5141	0,6261	17,5519	161,97	-111,83
2357	Shell-Thin	SLU-ENVE	Min	0	0	0	-110,6408	-1,1111	17,8909	161,97	-35,94
2357	Shell-Thin	SLE-ENVE	Max	0	0	0	-34,0372	-8,0009	14,2059	186,83	-14,76

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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
2357	Shell-Thin	SLE-ENVE	Max	0	0	0	-79,5312	-	13,6903	186,83	-47,91
								23,2948			
2357	Shell-Thin	SLE-ENVE	Max	0	0	0	-67,3682	0,7304	13,9425	125,14	-47,91
2357	Shell-Thin	SLE-ENVE	Max	0	0	0	-39,7855	-0,4297	14,4582	125,14	-14,76
2357	Shell-Thin	SLE-ENVE	Min	0	0	0	-57,3823	-	9,139	144,68	-22,8
								13,6409			
2357	Shell-Thin	SLE-ENVE	Min	0	0	0	-113,1026	-	9,2198	144,68	-66,87
								34,2676			
2357	Shell-Thin	SLE-ENVE	Min	0	0	0	-100,448	0,526	9,2022	86,94	-66,87
2357	Shell-Thin	SLE-ENVE	Min	0	0	0	-67,9358	-0,6784	9,1215	86,94	-22,8
2391	Shell-Thin	SLU-ENVE	Max	0	0	0	-66,4528	-	20,0586	-35,96	22,96
								13,1692			
2391	Shell-Thin	SLU-ENVE	Max	0	0	0	-59,3637	-	17,7543	-35,96	17,83
								11,1103			
2391	Shell-Thin	SLU-ENVE	Max	0	0	0	-69,0129	-	18,374	-51,77	17,83
								13,6711			
2391	Shell-Thin	SLU-ENVE	Max	0	0	0	-79,2411	-	20,6783	-51,77	22,96
								16,1289			
2391	Shell-Thin	SLU-ENVE	Min	0	0	0	-92,2087	-18,242	14,041	-62,58	14,81
2391	Shell-Thin	SLU-ENVE	Min	0	0	0	-79,7572	-	12,2632	-62,58	14,01
								16,1467			
2391	Shell-Thin	SLU-ENVE	Min	0	0	0	-90,1391	-	12,7446	-119,57	14,01
								17,8264			
2391	Shell-Thin	SLU-ENVE	Min	0	0	0	-113,9871	-	14,5895	-119,57	14,81
								23,3027			
2391	Shell-Thin	SLE-ENVE	Max	0	0	0	-47,6144	-9,4515	11,1186	-26,3	12,79
2391	Shell-Thin	SLE-ENVE	Max	0	0	0	-42,2578	-8,0302	9,8344	-26,3	9,94
2391	Shell-Thin	SLE-ENVE	Max	0	0	0	-47,6223	-9,4554	10,1729	-36,3	9,94
2391	Shell-Thin	SLE-ENVE	Max	0	0	0	-54,7597	-	11,4571	-36,3	12,79
								11,1193			
2391	Shell-Thin	SLE-ENVE	Min	0	0	0	-58,183	-11,524	7,7932	-38,62	8,29
2391	Shell-Thin	SLE-ENVE	Min	0	0	0	-50,4944	-	6,8023	-38,62	7,81
								10,2108			
2391	Shell-Thin	SLE-ENVE	Min	0	0	0	-56,2667	-	7,0605	-70,4	7,81
								11,1475			
2391	Shell-Thin	SLE-ENVE	Min	0	0	0	-70,3119	-	8,0985	-70,4	8,29
								14,3477			
2392	Shell-Thin	SLU-ENVE	Max	0	0	0	-79,2407	-	21,2372	-50,54	17,05
								16,1266			
2392	Shell-Thin	SLU-ENVE	Max	0	0	0	-68,9894	-	18,8133	-50,54	18,14
								13,5538			
2392	Shell-Thin	SLU-ENVE	Max	0	0	0	-79,7626	-	18,7242	-55,1	18,14
								15,9182			
2392	Shell-Thin	SLU-ENVE	Max	0	0	0	-91,0846	-	21,148	-55,1	17,05
								17,2201			
2392	Shell-Thin	SLU-ENVE	Min	0	0	0	-113,9885	-	14,992	-119,64	11,32
								23,3094			
2392	Shell-Thin	SLU-ENVE	Min	0	0	0	-90,1383	-	13,1648	-119,64	13,86
								17,8225			
2392	Shell-Thin	SLU-ENVE	Min	0	0	0	-102,6544	-	12,9357	-159,79	13,86
								19,0425			
2392	Shell-Thin	SLU-ENVE	Min	0	0	0	-134,5358	-25,073	14,7628	-159,79	11,32
2392	Shell-Thin	SLE-ENVE	Max	0	0	0	-54,7613	-	11,765	-35,48	9,42
								11,1275			

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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
2392	Shell-Thin	SLE-ENVE	Max	0	0	0	-47,6085	-9,3868	10,4164	-35,48	10,09
2392	Shell-Thin	SLE-ENVE	Max	0	0	0	-53,6321	-10,698	10,3418	-38,19	10,09
2392	Shell-Thin	SLE-ENVE	Max	0	0	0	-61,3272	-	11,6904	-38,19	9,42
								11,6516			
2392	Shell-Thin	SLE-ENVE	Min	0	0	0	-70,3133	-	8,3291	-70,43	6,14
								14,3549			
2392	Shell-Thin	SLE-ENVE	Min	0	0	0	-56,266	-	7,3106	-70,43	7,71
								11,1438			
2392	Shell-Thin	SLE-ENVE	Min	0	0	0	-63,2283	-	7,1672	-92,72	7,71
								11,9559			
2392	Shell-Thin	SLE-ENVE	Min	0	0	0	-81,7343	-	8,1857	-92,72	6,14
								15,3044			
2393	Shell-Thin	SLU-ENVE	Max	0	0	0	-90,9415	-	20,3885	-56,87	47,48
								16,5046			
2393	Shell-Thin	SLU-ENVE	Max	0	0	0	-79,8197	-	17,9654	-56,87	26,77
								16,2038			
2393	Shell-Thin	SLU-ENVE	Max	0	0	0	-87,7587	-	19,3395	-87,14	26,77
								18,5515			
2393	Shell-Thin	SLU-ENVE	Max	0	0	0	-104,7359	-	21,7626	-87,14	47,48
								26,0298			
2393	Shell-Thin	SLU-ENVE	Min	0	0	0	-134,2823	-	13,803	-162,21	27,12
								23,8055			
2393	Shell-Thin	SLU-ENVE	Min	0	0	0	-102,7437	-	12,1898	-162,21	12,76
								19,4892			
2393	Shell-Thin	SLU-ENVE	Min	0	0	0	-116,1406	-	13,3145	-213,07	12,76
								26,1614			
2393	Shell-Thin	SLU-ENVE	Min	0	0	0	-157,8527	-	14,9277	-213,07	27,12
								40,8291			
2393	Shell-Thin	SLE-ENVE	Max	0	0	0	-61,2383	-	11,2083	-39,23	26,74
								11,2074			
2393	Shell-Thin	SLE-ENVE	Max	0	0	0	-53,6669	-	9,8652	-39,23	14,9
								10,8722			
2393	Shell-Thin	SLE-ENVE	Max	0	0	0	-57,957	-	10,6702	-57,51	14,9
								12,2283			
2393	Shell-Thin	SLE-ENVE	Max	0	0	0	-69,1838	-	12,0133	-57,51	26,74
								16,9698			
2393	Shell-Thin	SLE-ENVE	Min	0	0	0	-81,5894	-14,58	7,6047	-94,09	16,03
2393	Shell-Thin	SLE-ENVE	Min	0	0	0	-63,2791	-	6,7037	-94,09	7,22
								12,1438			
2393	Shell-Thin	SLE-ENVE	Min	0	0	0	-70,6438	-	7,3897	-123,24	7,22
								15,7996			
2393	Shell-Thin	SLE-ENVE	Min	0	0	0	-94,783	-	8,2907	-123,24	16,03
								24,2251			
2395	Shell-Thin	SLU-ENVE	Max	0	0	0	-122,7012	-	23,7326	-152,22	-70,2
								36,3861			
2395	Shell-Thin	SLU-ENVE	Max	0	0	0	-93,8094	-	22,1189	-152,22	-47,48
								24,0113			
2395	Shell-Thin	SLU-ENVE	Max	0	0	0	-106,3545	2,3056	26,7255	-11,69	-47,48
2395	Shell-Thin	SLU-ENVE	Max	0	0	0	-107,1393	1,1138	28,3393	-11,69	-70,2
2395	Shell-Thin	SLU-ENVE	Min	0	0	0	-190,684	-	16,2653	-343,81	-110,95
								58,3351			
2395	Shell-Thin	SLU-ENVE	Min	0	0	0	-123,4122	-	15,4698	-343,81	-58,77
								31,9487			
2395	Shell-Thin	SLU-ENVE	Min	0	0	0	-142,1069	1,4131	19,3511	-159,45	-58,77

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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
2395	Shell-Thin	SLU-ENVE	Min	0	0	0	-172,5064	0,6363	20,1466	-159,45	-110,95
2395	Shell-Thin	SLE-ENVE	Max	0	0	0	-79,7111	-	12,9892	-99,63	-46,6
2395	Shell-Thin	SLE-ENVE	Max	0	0	0	-60,7715	-	12,3633	-99,63	-31,88
								23,3308			
								15,4614			
2395	Shell-Thin	SLE-ENVE	Max	0	0	0	-67,9539	1,3857	15,2194	-1,37	-31,88
2395	Shell-Thin	SLE-ENVE	Max	0	0	0	-67,2428	0,7365	15,8453	-1,37	-46,6
2395	Shell-Thin	SLE-ENVE	Min	0	0	0	-113,3026	-	8,9969	-199,83	-66,54
								34,3076			
2395	Shell-Thin	SLE-ENVE	Min	0	0	0	-74,242	-	8,764	-199,83	-36,42
								19,1218			
2395	Shell-Thin	SLE-ENVE	Min	0	0	0	-84,6317	0,863	11,2291	-83,45	-36,42
2395	Shell-Thin	SLE-ENVE	Min	0	0	0	-100,4175	0,5401	11,462	-83,45	-66,54
2429	Shell-Thin	SLU-ENVE	Max	0	0	0	-59,3785	-	14,5101	-36,36	14,78
								11,1132			
2429	Shell-Thin	SLU-ENVE	Max	0	0	0	-41,3156	-7,2157	10,2824	-36,36	13,27
2429	Shell-Thin	SLU-ENVE	Max	0	0	0	-47,1034	-9,0221	10,4213	-44,17	13,27
2429	Shell-Thin	SLU-ENVE	Max	0	0	0	-69,0711	-	14,6489	-44,17	14,78
								13,6827			
2429	Shell-Thin	SLU-ENVE	Min	0	0	0	-79,676	-	9,7937	-59,01	9,15
								16,1304			
2429	Shell-Thin	SLU-ENVE	Min	0	0	0	-50,1485	-	6,8514	-59,01	5,41
								10,5132			
2429	Shell-Thin	SLU-ENVE	Min	0	0	0	-54,6728	-	6,9072	-73,15	5,41
								10,4784			
2429	Shell-Thin	SLU-ENVE	Min	0	0	0	-90,2357	-	9,7692	-73,15	9,15
								17,8457			
2429	Shell-Thin	SLE-ENVE	Max	0	0	0	-42,2651	-8,0317	8,0304	-26,76	8,21
2429	Shell-Thin	SLE-ENVE	Max	0	0	0	-28,9504	-5,2122	5,6886	-26,76	7,35
2429	Shell-Thin	SLE-ENVE	Max	0	0	0	-32,1414	-6,2104	5,7621	-31,16	7,35
2429	Shell-Thin	SLE-ENVE	Max	0	0	0	-47,6566	-9,4623	8,104	-31,16	8,21
2429	Shell-Thin	SLE-ENVE	Min	0	0	0	-50,4487	-	5,4231	-36,88	5,08
								10,2017			
2429	Shell-Thin	SLE-ENVE	Min	0	0	0	-31,993	-6,6758	3,7987	-36,88	2,99
2429	Shell-Thin	SLE-ENVE	Min	0	0	0	-36,3587	-7,0158	3,8218	-44,8	2,99
2429	Shell-Thin	SLE-ENVE	Min	0	0	0	-56,3208	-	5,4076	-44,8	5,08
								11,1583			
2430	Shell-Thin	SLU-ENVE	Max	0	0	0	-69,0477	-	14,9205	-43,91	15,15
								13,5654			
2430	Shell-Thin	SLU-ENVE	Max	0	0	0	-47,102	-9,0149	10,3085	-43,91	13,77
2430	Shell-Thin	SLU-ENVE	Max	0	0	0	-53,1254	-	10,2928	-53,03	13,77
								10,4567			
2430	Shell-Thin	SLU-ENVE	Max	0	0	0	-79,6298	-	14,9049	-53,03	15,15
								15,8917			
2430	Shell-Thin	SLU-ENVE	Min	0	0	0	-90,2349	-	10,0061	-73,03	8,93
								17,8419			
2430	Shell-Thin	SLU-ENVE	Min	0	0	0	-54,6713	-	6,7191	-73,03	6,68
								10,4702			
2430	Shell-Thin	SLU-ENVE	Min	0	0	0	-63,5235	-	6,6464	-90,18	6,68
								12,7022			
2430	Shell-Thin	SLU-ENVE	Min	0	0	0	-102,5342	-	9,9334	-90,18	8,93
								19,0185			
2430	Shell-Thin	SLE-ENVE	Max	0	0	0	-47,6429	-9,3937	8,2447	-31,01	8,38

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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
2430	Shell-Thin	SLE-ENVE	Max	0	0	0	-32,1404	-6,2054	5,7009	-31,01	7,58
2430	Shell-Thin	SLE-ENVE	Max	0	0	0	-35,4148	-6,6292	5,6856	-36,27	7,58
2430	Shell-Thin	SLE-ENVE	Max	0	0	0	-53,5485	-	8,2294	-36,27	8,38
2430	Shell-Thin	SLE-ENVE	Min	0	0	0	-56,3201	-	5,5336	-44,73	4,94
2430	Shell-Thin	SLE-ENVE	Min	0	0	0	-36,3576	-7,0106	3,7188	-44,73	3,67
2430	Shell-Thin	SLE-ENVE	Min	0	0	0	-41,1743	-8,2579	3,6757	-54,39	3,67
2430	Shell-Thin	SLE-ENVE	Min	0	0	0	-63,1569	-	5,4905	-54,39	4,94
2431	Shell-Thin	SLU-ENVE	Max	0	0	0	-79,6869	-	14,9542	-53,87	21,58
2431	Shell-Thin	SLU-ENVE	Max	0	0	0	-53,1223	-	10,3239	-53,87	12,68
2431	Shell-Thin	SLU-ENVE	Max	0	0	0	-60,4911	-	10,7151	-56,19	12,68
2431	Shell-Thin	SLU-ENVE	Max	0	0	0	-88,2159	-	15,3454	-56,19	21,58
2431	Shell-Thin	SLU-ENVE	Min	0	0	0	-102,6235	-	10,2389	-91,75	11,28
2431	Shell-Thin	SLU-ENVE	Min	0	0	0	-63,5203	-	6,3416	-91,75	8
2431	Shell-Thin	SLU-ENVE	Min	0	0	0	-73,8564	-	6,9525	-107,1	8
2431	Shell-Thin	SLU-ENVE	Min	0	0	0	-116,8593	-	10,6072	-107,1	11,28
2431	Shell-Thin	SLE-ENVE	Max	0	0	0	-53,5833	-	8,2399	-36,8	11,97
2431	Shell-Thin	SLE-ENVE	Max	0	0	0	-35,4128	-6,5985	5,7176	-36,8	6,9
2431	Shell-Thin	SLE-ENVE	Max	0	0	0	-39,4452	-7,5165	5,9583	-38,05	6,9
2431	Shell-Thin	SLE-ENVE	Max	0	0	0	-58,2371	-	8,4807	-38,05	11,97
2431	Shell-Thin	SLE-ENVE	Min	0	0	0	-63,2077	-	5,6619	-55,29	6,32
2431	Shell-Thin	SLE-ENVE	Min	0	0	0	-41,1722	-8,2472	3,5151	-55,29	4,26
2431	Shell-Thin	SLE-ENVE	Min	0	0	0	-46,8042	-8,9141	3,8669	-63,85	4,26
2431	Shell-Thin	SLE-ENVE	Min	0	0	0	-71,0531	-	5,8934	-63,85	6,32
2433	Shell-Thin	SLU-ENVE	Max	0	0	0	-95,4198	-	19,7989	-49,14	-41,62
2433	Shell-Thin	SLU-ENVE	Max	0	0	0	-69,5064	-	11,9944	-49,14	11,44
2433	Shell-Thin	SLU-ENVE	Max	0	0	0	-81,4127	-8,3852	10,3534	-41,29	11,44
2433	Shell-Thin	SLU-ENVE	Max	0	0	0	-104,2124	2,859	18,1578	-41,29	-41,62
2433	Shell-Thin	SLU-ENVE	Min	0	0	0	-125,6516	-	14,0668	-102,98	-55,89
2433	Shell-Thin	SLU-ENVE	Min	0	0	0	-86,496	-	8,106	-102,98	7,41
2433	Shell-Thin	SLU-ENVE	Min	0	0	0	-104,9113	-	5,9077	-111,88	7,41
2433	Shell-Thin	SLU-ENVE	Min	0	0	0	-139,5529	1,9239	12,2809	-111,88	-55,89
2433	Shell-Thin	SLE-ENVE	Max	0	0	0	-61,7804	-	11,25	-32,62	-27,39

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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
2433	Shell-Thin	SLE-ENVE	Max	0	0	0	-44,0216	-6,342	6,8089	-32,62	5,97
2433	Shell-Thin	SLE-ENVE	Max	0	0	0	-49,4174	-5,0897	5,7715	-27,84	5,97
2433	Shell-Thin	SLE-ENVE	Max	0	0	0	-66,6498	1,7152	10,2127	-27,84	-27,39
2433	Shell-Thin	SLE-ENVE	Min	0	0	0	-75,5556	-	8,1175	-60,46	-33,86
								19,3845			
2433	Shell-Thin	SLE-ENVE	Min	0	0	0	-53,9309	-8,156	4,6117	-60,46	3,81
2433	Shell-Thin	SLE-ENVE	Min	0	0	0	-64,3448	-6,7018	3,3076	-64,84	3,81
2433	Shell-Thin	SLE-ENVE	Min	0	0	0	-83,1426	1,1608	6,9206	-64,84	-33,86
2680	Shell-Thin	SLU-ENVE	Max	0	0	0	71,1265	3,3353	9,8421	15,82	5,66
2680	Shell-Thin	SLU-ENVE	Max	0	0	0	71,376	2,7761	9,4377	15,82	6,57
2680	Shell-Thin	SLU-ENVE	Max	0	0	0	84,5122	0,7635	9,5546	16,64	6,57
2680	Shell-Thin	SLU-ENVE	Max	0	0	0	87,0382	1,5387	9,9591	16,64	5,66
2680	Shell-Thin	SLU-ENVE	Min	0	0	0	-3,6166	-	-0,2515	-1,7	-57,51
								24,7602			
2680	Shell-Thin	SLU-ENVE	Min	0	0	0	-3,1312	-	-0,8166	-1,7	-52,09
								23,0582			
2680	Shell-Thin	SLU-ENVE	Min	0	0	0	-5,7534	-2,4813	-0,785	-1,76	-52,09
2680	Shell-Thin	SLU-ENVE	Min	0	0	0	-6,2618	-2,6329	-0,2199	-1,76	-57,51
2680	Shell-Thin	SLE-ENVE	Max	0	0	0	41,0584	2,6144	5,4525	7,54	3,38
2680	Shell-Thin	SLE-ENVE	Max	0	0	0	41,3638	2,3757	5,2398	7,54	3,97
2680	Shell-Thin	SLE-ENVE	Max	0	0	0	48,6683	0,9897	5,3007	7,98	3,97
2680	Shell-Thin	SLE-ENVE	Max	0	0	0	49,9046	1,3664	5,5133	7,98	3,38
2680	Shell-Thin	SLE-ENVE	Min	0	0	0	2,1291	-	-0,1449	-1,46	-31,86
								13,5476			
2680	Shell-Thin	SLE-ENVE	Min	0	0	0	2,506	-	-0,4495	-1,46	-28,85
								12,5688			
2680	Shell-Thin	SLE-ENVE	Min	0	0	0	1,0604	-0,8926	-0,4326	-1,33	-28,85
2680	Shell-Thin	SLE-ENVE	Min	0	0	0	0,6708	-0,9967	-0,128	-1,33	-31,86
2681	Shell-Thin	SLU-ENVE	Max	0	0	0	71,3745	2,7764	9,0118	22,76	6,75
2681	Shell-Thin	SLU-ENVE	Max	0	0	0	65,1611	1,861	10,2847	22,76	8,1
2681	Shell-Thin	SLU-ENVE	Max	0	0	0	80,3075	-0,4669	10,5128	24,17	8,1
2681	Shell-Thin	SLU-ENVE	Max	0	0	0	84,5116	0,7636	9,1297	24,17	6,75
2681	Shell-Thin	SLU-ENVE	Min	0	0	0	-3,1319	-	-1,3749	5,72	-51,87
								23,0585			
2681	Shell-Thin	SLU-ENVE	Min	0	0	0	-7,9716	-	-1,962	5,72	-54,83
								24,5107			
2681	Shell-Thin	SLU-ENVE	Min	0	0	0	-10,6054	-2,755	-1,9485	6,32	-54,83
2681	Shell-Thin	SLU-ENVE	Min	0	0	0	-5,7526	-2,481	-1,3613	6,32	-51,87
2681	Shell-Thin	SLE-ENVE	Max	0	0	0	41,363	2,3759	5,0116	12,45	4,07
2681	Shell-Thin	SLE-ENVE	Max	0	0	0	37,7509	1,8826	5,7229	12,45	4,81
2681	Shell-Thin	SLE-ENVE	Max	0	0	0	46,1712	0,3065	5,8517	13,24	4,81
2681	Shell-Thin	SLE-ENVE	Max	0	0	0	48,6679	0,9897	5,0809	13,24	4,07
2681	Shell-Thin	SLE-ENVE	Min	0	0	0	2,5056	-12,569	-0,7532	3,89	-28,73
2681	Shell-Thin	SLE-ENVE	Min	0	0	0	1,2588	-	-1,0703	3,89	-30,37
								13,4055			
2681	Shell-Thin	SLE-ENVE	Min	0	0	0	-0,2159	-1,0789	-1,0576	4,23	-30,37
2681	Shell-Thin	SLE-ENVE	Min	0	0	0	1,0609	-0,8925	-0,7404	4,23	-28,73
2682	Shell-Thin	SLU-ENVE	Max	0	0	0	87,0022	1,5121	9,9422	17,19	4,22
2682	Shell-Thin	SLU-ENVE	Max	0	0	0	84,593	0,7551	9,5055	17,19	5,11
2682	Shell-Thin	SLU-ENVE	Max	0	0	0	99,3725	16,4272	9,3392	18,05	5,11
2682	Shell-Thin	SLU-ENVE	Max	0	0	0	104,3246	19,7047	9,7759	18,05	4,22



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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
2682	Shell-Thin	SLU-ENVE	Min	0	0	0	-6,2616	-2,632	-0,1689	-1,82	-50,29
2682	Shell-Thin	SLU-ENVE	Min	0	0	0	-5,7539	-2,4745	-0,7476	-1,82	-44,58
2682	Shell-Thin	SLU-ENVE	Min	0	0	0	-8,2388	-2,8588	-0,6814	-1,77	-44,58
2682	Shell-Thin	SLU-ENVE	Min	0	0	0	-8,7291	-3,0889	-0,1027	-1,77	-50,29
2682	Shell-Thin	SLE-ENVE	Max	0	0	0	49,8846	1,3513	5,4933	8,3	2,75
2682	Shell-Thin	SLE-ENVE	Max	0	0	0	48,7133	0,986	5,2727	8,3	3,27
2682	Shell-Thin	SLE-ENVE	Max	0	0	0	56,9401	9,2417	5,1715	9,47	3,27
2682	Shell-Thin	SLE-ENVE	Max	0	0	0	59,523	11,0315	5,3921	9,47	2,75
2682	Shell-Thin	SLE-ENVE	Min	0	0	0	0,671	-0,9961	-0,1045	-1,37	-27,82
2682	Shell-Thin	SLE-ENVE	Min	0	0	0	1,0604	-0,888	-0,4089	-1,37	-24,64
2682	Shell-Thin	SLE-ENVE	Min	0	0	0	-0,288	-1,2804	-0,374	-1,34	-24,64
2682	Shell-Thin	SLE-ENVE	Min	0	0	0	-0,6696	-1,4258	-0,0696	-1,34	-27,82
2683	Shell-Thin	SLU-ENVE	Max	0	0	0	84,5924	0,7552	9,0821	24,82	5,27
2683	Shell-Thin	SLU-ENVE	Max	0	0	0	80,294	-0,4342	11,2778	24,82	6,54
2683	Shell-Thin	SLU-ENVE	Max	0	0	0	96,9238	17,5315	11,9749	26,05	6,54
2683	Shell-Thin	SLU-ENVE	Max	0	0	0	99,3802	16,4287	8,944	26,05	5,27
2683	Shell-Thin	SLU-ENVE	Min	0	0	0	-5,7531	-2,4743	-1,3168	6,25	-44,4
2683	Shell-Thin	SLU-ENVE	Min	0	0	0	-10,5943	-2,7578	-1,9087	6,25	-47,5
2683	Shell-Thin	SLU-ENVE	Min	0	0	0	-13,1514	-3,8314	-1,8713	6,4	-47,5
2683	Shell-Thin	SLU-ENVE	Min	0	0	0	-8,2386	-2,8588	-1,2793	6,4	-44,4
2683	Shell-Thin	SLE-ENVE	Max	0	0	0	48,7129	0,986	5,0536	13,6	3,36
2683	Shell-Thin	SLE-ENVE	Max	0	0	0	46,1636	0,3249	6,281	13,6	4,06
2683	Shell-Thin	SLE-ENVE	Max	0	0	0	55,4166	9,8291	6,6718	14,29	4,06
2683	Shell-Thin	SLE-ENVE	Max	0	0	0	56,9444	9,2426	4,9805	14,29	3,36
2683	Shell-Thin	SLE-ENVE	Min	0	0	0	1,0608	-0,8879	-0,713	4,18	-24,55
2683	Shell-Thin	SLE-ENVE	Min	0	0	0	-0,2161	-1,0807	-1,0251	4,18	-26,27
2683	Shell-Thin	SLE-ENVE	Min	0	0	0	-1,6159	-1,7059	-0,9959	4,28	-26,27
2683	Shell-Thin	SLE-ENVE	Min	0	0	0	-0,2879	-1,2804	-0,6838	4,28	-24,55
2684	Shell-Thin	SLU-ENVE	Max	0	0	0	104,3174	19,6686	9,5425	18,22	2,08
2684	Shell-Thin	SLU-ENVE	Max	0	0	0	99,3479	16,3043	9,0152	18,22	2,2
2684	Shell-Thin	SLU-ENVE	Max	0	0	0	118,271	14,8444	8,7155	19,18	2,2
2684	Shell-Thin	SLU-ENVE	Max	0	0	0	121,4047	15,2128	9,2428	19,18	2,08
2684	Shell-Thin	SLU-ENVE	Min	0	0	0	-8,7265	-3,076	0,0032	-1,79	-6,59
2684	Shell-Thin	SLU-ENVE	Min	0	0	0	-8,2416	-2,8725	-0,6255	-1,79	-12,58
2684	Shell-Thin	SLU-ENVE	Min	0	0	0	-10,6611	-2,1554	-0,538	-1,49	-12,58
2684	Shell-Thin	SLU-ENVE	Min	0	0	0	-11,0546	-2,3797	-0,6321	-1,49	-6,59
2684	Shell-Thin	SLE-ENVE	Max	0	0	0	59,5191	11,0119	5,2415	9,46	1,67
2684	Shell-Thin	SLE-ENVE	Max	0	0	0	56,9264	9,1729	4,9862	9,46	1,76
2684	Shell-Thin	SLE-ENVE	Max	0	0	0	67,4734	8,273	4,8021	9,3	1,76
2684	Shell-Thin	SLE-ENVE	Max	0	0	0	69,0379	8,4404	5,0574	9,3	1,67
2684	Shell-Thin	SLE-ENVE	Min	0	0	0	-0,668	-1,4178	-0,0195	-1,35	-3,51
2684	Shell-Thin	SLE-ENVE	Min	0	0	0	-0,2895	-1,2879	-0,3398	-1,35	-6,85
2684	Shell-Thin	SLE-ENVE	Min	0	0	0	-1,5594	-1,1332	-0,2933	-1,24	-6,85
2684	Shell-Thin	SLE-ENVE	Min	0	0	0	-1,9022	-1,2814	-0,3614	-1,24	-3,51
2685	Shell-Thin	SLU-ENVE	Max	0	0	0	99,3556	16,3058	9,052	26,42	2,44
2685	Shell-Thin	SLU-ENVE	Max	0	0	0	96,9344	17,5847	13,7095	26,42	2,84
2685	Shell-Thin	SLU-ENVE	Max	0	0	0	114,0247	12,7155	13,8774	27,66	2,84
2685	Shell-Thin	SLU-ENVE	Max	0	0	0	118,2593	14,842	9,2199	27,66	2,44
2685	Shell-Thin	SLU-ENVE	Min	0	0	0	-8,2414	-2,8724	-1,2264	6,44	-12,6
2685	Shell-Thin	SLU-ENVE	Min	0	0	0	-13,1438	-3,7931	-1,8691	6,44	-5,79

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Table: Element Forces - Area Shells

Area	ShellType	OutputCase	StepType	F11	F22	F12	M11	M22	M12	V13	V23
				KN/m	KN/m	KN/m	KN-m/m	KN-m/m	KN-m/m	KN/m	KN/m
2685	Shell-Thin	SLU-ENVE	Min	0	0	0	-15,8001	-4,2091	-1,8583	6,34	-5,79
2685	Shell-Thin	SLU-ENVE	Min	0	0	0	-10,6629	-2,1557	-1,2156	6,34	-12,6
2685	Shell-Thin	SLE-ENVE	Max	0	0	0	56,9306	9,1738	5,0424	14,5	1,88
2685	Shell-Thin	SLE-ENVE	Max	0	0	0	55,4226	9,8593	7,6422	14,5	2,14
2685	Shell-Thin	SLE-ENVE	Max	0	0	0	64,9445	7,0569	7,7384	15,22	2,14
2685	Shell-Thin	SLE-ENVE	Max	0	0	0	67,4669	8,2717	5,1385	15,22	1,88
2685	Shell-Thin	SLE-ENVE	Min	0	0	0	-0,2894	-1,2879	-0,6498	4,3	-6,86
2685	Shell-Thin	SLE-ENVE	Min	0	0	0	-1,6155	-1,6825	-0,9779	4,3	-3,06
2685	Shell-Thin	SLE-ENVE	Min	0	0	0	-2,9461	-2,265	-0,9612	4,3	-3,06
2685	Shell-Thin	SLE-ENVE	Min	0	0	0	-1,5604	-1,1334	-0,6332	4,3	-6,86
2688	Shell-Thin	SLU-ENVE	Max	0	0	0	137,3968	14,0964	8,3455	20,12	67,59
2688	Shell-Thin	SLU-ENVE	Max	0	0	0	136,3531	0,4072	7,5594	20,12	3,94
2688	Shell-Thin	SLU-ENVE	Max	0	0	0	146,3045	9,238	7,8578	18,6	3,94
2688	Shell-Thin	SLU-ENVE	Max	0	0	0	156,9447	2,5737	7,6388	18,6	67,59
2688	Shell-Thin	SLU-ENVE	Min	0	0	0	-13,065	-0,7921	-5,0543	-13,39	-5,69
2688	Shell-Thin	SLU-ENVE	Min	0	0	0	-13,0367	-0,6443	-0,5752	-13,39	-34,11
2688	Shell-Thin	SLU-ENVE	Min	0	0	0	-13,5609	-0,8625	-0,7999	-1,91	-34,11
2688	Shell-Thin	SLU-ENVE	Min	0	0	0	-14,6247	-	-0,487	-1,91	-5,69
								27,1626			
2688	Shell-Thin	SLE-ENVE	Max	0	0	0	77,9592	7,7652	4,3984	8,92	37,99
2688	Shell-Thin	SLE-ENVE	Max	0	0	0	77,5773	-0,1768	3,9826	8,92	0,61
2688	Shell-Thin	SLE-ENVE	Max	0	0	0	83,1169	5,2379	4,4215	9,62	0,61
2688	Shell-Thin	SLE-ENVE	Max	0	0	0	88,8687	0,6409	4,3121	9,62	37,99
2688	Shell-Thin	SLE-ENVE	Min	0	0	0	-2,9358	-0,5682	-2,8483	-8,28	-1,87
2688	Shell-Thin	SLE-ENVE	Min	0	0	0	-2,736	-0,7601	-0,3527	-8,28	-19,47
2688	Shell-Thin	SLE-ENVE	Min	0	0	0	-3,0561	-0,2102	-0,2643	-1,71	-19,47
2688	Shell-Thin	SLE-ENVE	Min	0	0	0	-3,6875	-	-0,1009	-1,71	-1,87
								15,3901			
2689	Shell-Thin	SLU-ENVE	Max	0	0	0	136,3373	0,4081	10,4576	33,13	3,7
2689	Shell-Thin	SLU-ENVE	Max	0	0	0	131,1399	10,0026	15,144	33,13	51,17
2689	Shell-Thin	SLU-ENVE	Max	0	0	0	153,9261	2,6147	7,6766	12,17	51,17
2689	Shell-Thin	SLU-ENVE	Max	0	0	0	146,2813	9,2333	7,5206	12,17	3,7
2689	Shell-Thin	SLU-ENVE	Min	0	0	0	-13,0322	-0,6227	-1,1332	4,54	-34,8
2689	Shell-Thin	SLU-ENVE	Min	0	0	0	-18,0777	-2,8638	-1,482	4,54	-11,48
2689	Shell-Thin	SLU-ENVE	Min	0	0	0	-16,9837	-	-0,2736	-9,68	-11,48
								23,3916			
2689	Shell-Thin	SLU-ENVE	Min	0	0	0	-13,5578	-0,8619	0,0751	-9,68	-34,8
2689	Shell-Thin	SLE-ENVE	Max	0	0	0	77,5679	-0,1766	5,8581	19,17	0,68
2689	Shell-Thin	SLE-ENVE	Max	0	0	0	74,5009	5,4836	8,4676	19,17	28,79
2689	Shell-Thin	SLE-ENVE	Max	0	0	0	87,2062	0,7564	3,9959	7,13	28,79
2689	Shell-Thin	SLE-ENVE	Max	0	0	0	83,1045	5,2354	3,9091	7,13	0,68
2689	Shell-Thin	SLE-ENVE	Min	0	0	0	-2,7349	-0,749	-0,4917	3,85	-19,85
2689	Shell-Thin	SLE-ENVE	Min	0	0	0	-4,1611	-1,7919	-0,6773	3,85	-4,87
2689	Shell-Thin	SLE-ENVE	Min	0	0	0	-5,0768	-	-0,2257	-4,73	-4,87
								13,2612			
2689	Shell-Thin	SLE-ENVE	Min	0	0	0	-3,0533	-0,2097	-0,0401	-4,73	-19,85