

AUTOSTRADA VALDASTICO A31 NORD

1° LOTTO

Piovene Rocchette - Valle dell'Astico

PROGETTO DEFINITIVO

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

COMMITTENTE



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Area Costruzioni Autostradali

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Dott. Ing. Gabriella Costantini

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CONSORZIO RAETIA



RAPPRESENTANTE: Dott. Ing. Alberto Scotti

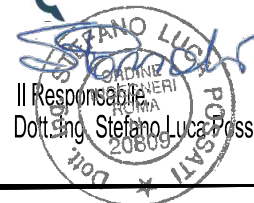
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PROGETTAZIONE:



Il Responsabile
Dott. Ing. Stefano Luca Possati



ELABORATO: **OPERE D'ARTE MINORI**
Cavalcavia
Cavalcavia Asse 4 svincolo di Cogollo
Relazione di calcolo Impalcato - Allegati

Progressivo	Rev.
08 01 02 001	02

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_02_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_02_001_0203_PD_02

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

Committente:



Progettazione:

CONSORZIO RAETIA



PROGETTO DEFINITIVO

CAVALCAVIA ASSE 4 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
Fatica	1	fatica_FLM3	1	1	1	1

Table: Coordinate Systems

Table: Coordinate Systems							
Name	Type	X	Y	Z	AboutZ	AboutY	AboutX
		m	m	m	Degrees	Degrees	Degrees
GLOBAL	Cartesian	0	0	0	0	0	0

Table: Frame Loads - Distributed, Part 1 of 3

Table: Frame Loads - Distributed, Part 1 of 3						
Frame	LoadPat	CoordSys	Type	Dir	DistType	RelDistA
301	g1.2	GLOBAL	Force	Gravity	RelDist	0
301	g2	GLOBAL	Force	Gravity	RelDist	0
302	g1.2	GLOBAL	Force	Gravity	RelDist	0
302	g2	GLOBAL	Force	Gravity	RelDist	0
306	g1.2	GLOBAL	Force	Gravity	RelDist	0
306	g2	GLOBAL	Force	Gravity	RelDist	0
307	g1.2	GLOBAL	Force	Gravity	RelDist	0
307	g2	GLOBAL	Force	Gravity	RelDist	0
A3	g1.2	GLOBAL	Force	Gravity	RelDist	0
A3	g2	GLOBAL	Force	Gravity	RelDist	0
A4	g1.2	GLOBAL	Force	Gravity	RelDist	0
A4	g2	GLOBAL	Force	Gravity	RelDist	0
A7	g1.2	GLOBAL	Force	Gravity	RelDist	0
A7	g2	GLOBAL	Force	Gravity	RelDist	0
A8	g1.2	GLOBAL	Force	Gravity	RelDist	0
A8	g2	GLOBAL	Force	Gravity	RelDist	0
300	g1.2	GLOBAL	Force	Gravity	RelDist	0
300	g2	GLOBAL	Force	Gravity	RelDist	0
308	g1.2	GLOBAL	Force	Gravity	RelDist	0
308	g2	GLOBAL	Force	Gravity	RelDist	0
A2	g1.2	GLOBAL	Force	Gravity	RelDist	0
A2	g2	GLOBAL	Force	Gravity	RelDist	0
A9	g1.2	GLOBAL	Force	Gravity	RelDist	0
A9	g2	GLOBAL	Force	Gravity	RelDist	0

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Table: Frame Loads - Distributed, Part 1 of 3

Frame	LoadPat	CoordSys	Type	Dir	DistType	RelDistA
303	g1.2	GLOBAL	Force	Gravity	RelDist	0
303	g2	GLOBAL	Force	Gravity	RelDist	0
304	g1.2	GLOBAL	Force	Gravity	RelDist	0
304	g2	GLOBAL	Force	Gravity	RelDist	0
305	g1.2	GLOBAL	Force	Gravity	RelDist	0
305	g2	GLOBAL	Force	Gravity	RelDist	0
A5	g1.2	GLOBAL	Force	Gravity	RelDist	0
A5	g2	GLOBAL	Force	Gravity	RelDist	0
A6	g1.2	GLOBAL	Force	Gravity	RelDist	0
A6	g1.2	GLOBAL	Force	Gravity	RelDist	0.4
A6	g2	GLOBAL	Force	Gravity	RelDist	0
A6	g2	GLOBAL	Force	Gravity	RelDist	0.4
298	g1.2	GLOBAL	Force	Gravity	RelDist	0
298	g2	GLOBAL	Force	Gravity	RelDist	0
299	g1.2	GLOBAL	Force	Gravity	RelDist	0
299	g2	GLOBAL	Force	Gravity	RelDist	0
A0	g1.2	GLOBAL	Force	Gravity	RelDist	0
A0	g2	GLOBAL	Force	Gravity	RelDist	0
A1	g1.2	GLOBAL	Force	Gravity	RelDist	0
A1	g2	GLOBAL	Force	Gravity	RelDist	0
309	g1.2	GLOBAL	Force	Gravity	RelDist	0
309	g2	GLOBAL	Force	Gravity	RelDist	0
310	g1.2	GLOBAL	Force	Gravity	RelDist	0
310	g2	GLOBAL	Force	Gravity	RelDist	0
A10	g1.2	GLOBAL	Force	Gravity	RelDist	0
A10	g2	GLOBAL	Force	Gravity	RelDist	0
A11	g1.2	GLOBAL	Force	Gravity	RelDist	0
A11	g2	GLOBAL	Force	Gravity	RelDist	0

Table: Frame Loads - Distributed, Part 2 of 3

Table: Frame Loads - Distributed, Part 2 of 3

Frame	LoadPat	RelDistB	AbsDistA	AbsDistB	FOverLA	FOverLB
			m	m	KN/m	KN/m
301	g1.2	1	0	9.5	38.75	38.75
301	g2	1	0	9.5	21.5	21.5
302	g1.2	1	0	7.5	38.75	38.75
302	g2	1	0	7.5	21.5	21.5
306	g1.2	1	0	7.5	38.75	38.75
306	g2	1	0	7.5	21.5	21.5
307	g1.2	1	0	9.5	38.75	38.75
307	g2	1	0	9.5	21.5	21.5
A3	g1.2	1	0	9.5	38.75	38.75
A3	g2	1	0	9.5	21.5	21.5
A4	g1.2	1	0	7.5	38.75	38.75
A4	g2	1	0	7.5	21.5	21.5
A7	g1.2	1	0	7.5	38.75	38.75
A7	g2	1	0	7.5	21.5	21.5
A8	g1.2	1	0	9.5	38.75	38.75
A8	g2	1	0	9.5	21.5	21.5
300	g1.2	1	0	10	38.75	38.75
300	g2	1	0	10	21.5	21.5

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Table: Frame Loads - Distributed, Part 2 of 3

Frame	LoadPat	RelDistB	AbsDistA	AbsDistB	FOverLA	FOverLB
			m	m		
308	g1.2	1	0	10	38.75	38.75
308	g2	1	0	10	21.5	21.5
A2	g1.2	1	0	10	38.75	38.75
A2	g2	1	0	10	21.5	21.5
A9	g1.2	1	0	10	38.75	38.75
A9	g2	1	0	10	21.5	21.5
303	g1.2	1	0	4.5	38.75	38.75
303	g2	1	0	4.5	21.5	21.5
304	g1.2	1	0	3	38.75	38.75
304	g2	1	0	3	21.5	21.5
305	g1.2	1	0	4.5	38.75	38.75
305	g2	1	0	4.5	21.5	21.5
A5	g1.2	1	0	4.5	38.75	38.75
A5	g2	1	0	4.5	21.5	21.5
A6	g1.2	0.4	0	3	38.75	38.75
A6	g1.2	1	3	7.5	38.75	38.75
A6	g2	0.4	0	3	21.5	21.5
A6	g2	1	3	7.5	21.5	21.5
298	g1.2	1	0	0.5	38.75	38.75
298	g2	1	0	0.5	21.5	21.5
299	g1.2	1	0	6.5	38.75	38.75
299	g2	1	0	6.5	21.5	21.5
A0	g1.2	1	0	0.5	38.75	38.75
A0	g2	1	0	0.5	21.5	21.5
A1	g1.2	1	0	6.5	38.75	38.75
A1	g2	1	0	6.5	21.5	21.5
309	g1.2	1	0	6.5	38.75	38.75
309	g2	1	0	6.5	21.5	21.5
310	g1.2	1	0	0.5	38.75	38.75
310	g2	1	0	0.5	21.5	21.5
A10	g1.2	1	0	6.5	38.75	38.75
A10	g2	1	0	6.5	21.5	21.5
A11	g1.2	1	0	0.5	38.75	38.75
A11	g2	1	0	0.5	21.5	21.5

Table: Frame Loads - Distributed, Part 3 of 3

Table: Frame Loads - Distributed, Part 3 of 3

Frame	LoadPat	GUID
301	g1.2	b9efdb91-f8f5-4987-97d5-3a75c47ce50a
301	g2	f64d3d4f-0ea9-4747-952c-7dfd30bdaa95
302	g1.2	ca92efcf-4e7b-4129-9500-47d9126a9f6e
302	g2	8b7b1855-f216-45af-9890-b3aeb0bb9908
306	g1.2	310854cb-b219-404f-a6cb-4141f0122779
306	g2	42d12a43-3667-4091-9078-feb3732da619

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Table: Frame Loads - Distributed, Part 3 of 3

Frame	LoadPat	GUID
307	g1.2	b0e7e119-9309-4526-9ec8-e430e4b17c13
307	g2	ff36bac2-06ef-4585-bc40-c88164482733
A3	g1.2	196f1656-20ff-4725-9736-c356f40f543c
A3	g2	9455a112-6cba-408e-ac85-74a9755d6a67
A4	g1.2	7e65d739-eac2-4e29-9818-96baff42b53a
A4	g2	68d2fd5f-e8bd-4aec-8813-92f21ba8fb43
A7	g1.2	85daea66-7d82-49c6-a80f-d5da050c9c3a
A7	g2	7c6c2a23-6a3f-4286-a6ca-a2434861c6ae
A8	g1.2	d578c561-b91f-486f-b3b5-e6b9a6dbbc46
A8	g2	3d725270-d1c9-4c04-bb7d-549bffab9ebf
300	g1.2	50f397e3-387d-4876-ba89-a65a7c7fff04
300	g2	22d2063c-0431-4389-aa37-c8c693840254
308	g1.2	b8c79652-1ff7-4b9e-958a-71bce0e087b2
308	g2	10cf51a4-8ab7-4368-abd3-a5828dac3cf2
A2	g1.2	af57c467-3bc2-42d1-bddf-c17d0becd354
A2	g2	ac04b465-fb7e-4163-90ae-51dae51899cd
A9	g1.2	a629dfa3-53af-4658-81c2-e6ba16c6a283
A9	g2	05f68fe1-76fb-463e-a68a-412688afd8e1
303	g1.2	b83e3f92-2a02-405f-9e55-e4a67fd5802b
303	g2	f8272fa8-4497-437e-b268-cbd04f32c123
304	g1.2	b83e3f92-2a02-405f-9e55-e4a67fd5802b
304	g2	f8272fa8-4497-437e-b268-cbd04f32c123
305	g1.2	b83e3f92-2a02-405f-9e55-e4a67fd5802b
305	g2	f8272fa8-4497-437e-b268-cbd04f32c123
A5	g1.2	65443a3b-707b-4d83-9d0d-3ab6e5e05f43
A5	g2	1986ecc6-f509-4d71-a3d5-2471715926a9
A6	g1.2	65443a3b-707b-4d83-9d0d-3ab6e5e05f43
A6	g1.2	65443a3b-707b-4d83-9d0d-3ab6e5e05f43
A6	g2	1986ecc6-f509-4d71-a3d5-2471715926a9

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Table: Frame Loads - Distributed, Part 3 of 3

Frame	LoadPat	GUID
A6	g2	1986ecc6-f509-4d71-a3d5-2471715926a9
298	g1.2	3366e7e0-e48f-4318-993c-87e4c4c6d463
298	g2	183dadfe-f6d2-4672-8f0b-498cb5e9de6c
299	g1.2	3366e7e0-e48f-4318-993c-87e4c4c6d463
299	g2	183dadfe-f6d2-4672-8f0b-498cb5e9de6c
A0	g1.2	5417d403-863c-43b0-800d-5c25abb44cd0
A0	g2	59eb8e24-5e61-4dc9-8f21-7788e4ce1736
A1	g1.2	5417d403-863c-43b0-800d-5c25abb44cd0
A1	g2	59eb8e24-5e61-4dc9-8f21-7788e4ce1736
309	g1.2	1c886046-22e5-4dfd-ae70-34d3e35e23bf
309	g2	7872fcb9-6159-40c5-9495-fb27f6df31d0
310	g1.2	1c886046-22e5-4dfd-ae70-34d3e35e23bf
310	g2	7872fcb9-6159-40c5-9495-fb27f6df31d0
A10	g1.2	84ac0080-373e-4041-8df5-f0568ab30605
A10	g2	690d9af8-f5c6-43cf-ba52-a135f5f76ae2
A11	g1.2	84ac0080-373e-4041-8df5-f0568ab30605
A11	g2	690d9af8-f5c6-43cf-ba52-a135f5f76ae2

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	1.9	0.8	0.03	0.02
B	S355	I/Wide Flange	1.9	0.8	0.03	0.016
C	S355	I/Wide Flange	1.9	0.8	0.03	0.016
D	S355	I/Wide Flange	1.9	0.8	0.04	0.02
E	S355	I/Wide Flange	1.9	0.75	0.08	0.022
lane	S355	Circle	0.02			
Soletta_125	C32/40	Rectangular	0.31	1.25		
Soletta_50	C32/40	Rectangular	0.31	0.5		
TC	S355	I/Wide Flange	1	0.5	0.02	0.016
Tr_spina	S355	I/Wide Flange	0.5	0.4	0.016	0.016

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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	0.03	0.0893	2E-05	0.056085	0.003425	0
B	0.91	0.05	0.09862	4.6E-05	0.064166	0.004421	0
C	0.91	0.05	0.09862	4.6E-05	0.064166	0.004421	0
D	0.916	0.06	0.12296	8.5E-05	0.08054	0.005551	0
E	0.9	0.08	0.17028	0.000271	0.118337	0.007674	0
lane			0.000314	1.571E-08	7.854E-09	7.854E-09	0
Soletta_125			0.3875	0.010474	0.003103	0.050456	0
Soletta_50			0.155	0.00305	0.001241	0.003229	0
TC	0.5	0.02	0.03536	3.896E-06	0.005982	0.000417	0
Tr_spina	0.5	0.018	0.022856	2.105E-06	0.001016	0.000273	0

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	0.038	0.04375	0.056247	0.00721	0.065762	0.011753	0.792497
B	0.0304	0.057917	0.055978	0.009715	0.070769	0.015268	0.806619
C	0.0304	0.057917	0.055978	0.009715	0.070769	0.015268	0.806619
D	0.038	0.072467	0.072152	0.01212	0.090163	0.019166	0.809329
E	0.0418	0.11	0.116689	0.017053	0.135135	0.027661	0.833641
lane	0.000283	0.000283	7.854E-07	7.854E-07	1.333E-06	1.333E-06	0.005
Soletta_125	0.322917	0.322917	0.020021	0.080729	0.030031	0.121094	0.089489
Soletta_50	0.129167	0.129167	0.008008	0.012917	0.012013	0.019375	0.089489
TC	0.016	0.016667	0.011965	0.001668	0.013486	0.002561	0.411319
Tr_spina	0.008	0.012833	0.003672	0.001092	0.004483	0.001795	0.210881

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	0.195832	No	No	16744448	192.463	19.63	No
B	0.211716	No	No	12615680	303.643	30.96	No
C	0.211716	No	No	16744576	288.46	29.41	No
D	0.212468	No	No	Gray4	283.938	28.95	No
E	0.21229	No	No	12615935	314.567	32.08	No
lane	0.005	No	No	Red	3.869	0.39	No
Soletta_125	0.360844	Yes	No	Gray4	0	0	No
Soletta_50	0.144338	Yes	No	Cyan	0	0	No
TC	0.108595	No	No	12615680	269.454	27.48	No
Tr_spina	0.109289	No	No	Gray8Dark	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	1	1	2.49	1

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

SectionName	AMod	A2Mod	A3Mod	JMod	I2Mod	I3Mod	MMod
B	1	1	1	1	1	2.97	1
C	1	1	1	1	1	3.28	1
D	1	1	1	1	1	2.97	1
E	1	1	1	1	1	2.15	1
lane	1	1	1	1	1	1	1
Soletta_125	1	1	1	1	1	1	0
Soletta_50	1	1	1	1	1	1	0
TC	1	1	1	1	1	1	1
Tr_spina	1	1	1	1	1	1	1

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
lane	1		Added 02/03/2017 17:22:27
Soletta_125	0		Added 02/03/2017 15:46:54
Soletta_50	0		Added 03/03/2017 15:10:09
TC	1		Added 02/03/2017 15:08:29
Tr_spina	1		Added 02/03/2017 15:06:03

Table: Grid Lines, Part 1 of 2

Table: Grid Lines, Part 1 of 2

CoordSys	AxisDir	GridID	XRYZCoord m	LineType	LineColor	Visible	BubbleLoc
GLOBAL	X		-0.4	Primary	Gray8Dark	Yes	End
GLOBAL	X		0	Primary	Gray8Dark	Yes	End
GLOBAL	X		107.6	Primary	Gray8Dark	Yes	End
GLOBAL	Y		-4.5	Primary	Gray8Dark	Yes	End
GLOBAL	Y		0	Primary	Gray8Dark	Yes	End
GLOBAL	Y		4.5	Primary	Gray8Dark	Yes	End
GLOBAL	Z		0	Primary	Gray8Dark	Yes	End

Table: Grid Lines, Part 2 of 2

Table: Grid Lines, Part 2 of 2

CoordSys	AllVisible	BubbleSize m
GLOBAL	No	1
GLOBAL		
GLOBAL		
GLOBAL		
GLOBAL		
GLOBAL		

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Table: Grid Lines, Part 2 of 2

CoordSys	AllVisible	BubbleSize
GLOBAL		m

Table: Lane Centerline Points

Table: Lane Centerline Points									
Lane	Point	CoordSys	X	Y	Z	GlobalX	GlobalY	GlobalZ	
			m	m	m	m	m	m	m
L1	1	GLOBAL	-0.499	1.25	0	-0.499	1.25	0	
L1	2	GLOBAL	0.624	1.25	0	0.624	1.25	0	
L1	3	GLOBAL	0.626	1.25	0	0.626	1.25	0	
L1	4	GLOBAL	1.874	1.25	0	1.874	1.25	0	
L1	5	GLOBAL	1.876	1.25	0	1.876	1.25	0	
L1	6	GLOBAL	3.124	1.25	0	3.124	1.25	0	
L1	7	GLOBAL	3.126	1.25	0	3.126	1.25	0	
L1	8	GLOBAL	4.374	1.25	0	4.374	1.25	0	
L1	9	GLOBAL	4.376	1.25	0	4.376	1.25	0	
L1	10	GLOBAL	5.624	1.25	0	5.624	1.25	0	
L1	11	GLOBAL	5.626	1.25	0	5.626	1.25	0	
L1	12	GLOBAL	6.874	1.25	0	6.874	1.25	0	
L1	13	GLOBAL	6.876	1.25	0	6.876	1.25	0	
L1	14	GLOBAL	8.124	1.25	0	8.124	1.25	0	
L1	15	GLOBAL	8.126	1.25	0	8.126	1.25	0	
L1	16	GLOBAL	9.374	1.25	0	9.374	1.25	0	
L1	17	GLOBAL	9.376	1.25	0	9.376	1.25	0	
L1	18	GLOBAL	10.624	1.25	0	10.624	1.25	0	
L1	19	GLOBAL	10.626	1.25	0	10.626	1.25	0	
L1	20	GLOBAL	11.874	1.25	0	11.874	1.25	0	
L1	21	GLOBAL	11.876	1.25	0	11.876	1.25	0	
L1	22	GLOBAL	13.124	1.25	0	13.124	1.25	0	
L1	23	GLOBAL	13.126	1.25	0	13.126	1.25	0	
L1	24	GLOBAL	14.374	1.25	0	14.374	1.25	0	
L1	25	GLOBAL	14.376	1.25	0	14.376	1.25	0	
L1	26	GLOBAL	15.624	1.25	0	15.624	1.25	0	
L1	27	GLOBAL	15.626	1.25	0	15.626	1.25	0	
L1	28	GLOBAL	16.874	1.25	0	16.874	1.25	0	
L1	29	GLOBAL	16.876	1.25	0	16.876	1.25	0	
L1	30	GLOBAL	18.124	1.25	0	18.124	1.25	0	
L1	31	GLOBAL	18.126	1.25	0	18.126	1.25	0	
L1	32	GLOBAL	19.374	1.25	0	19.374	1.25	0	
L1	33	GLOBAL	19.376	1.25	0	19.376	1.25	0	
L1	34	GLOBAL	20.624	1.25	0	20.624	1.25	0	
L1	35	GLOBAL	20.626	1.25	0	20.626	1.25	0	
L1	36	GLOBAL	21.874	1.25	0	21.874	1.25	0	
L1	37	GLOBAL	21.876	1.25	0	21.876	1.25	0	
L1	38	GLOBAL	23.124	1.25	0	23.124	1.25	0	
L1	39	GLOBAL	23.126	1.25	0	23.126	1.25	0	
L1	40	GLOBAL	24.374	1.25	0	24.374	1.25	0	
L1	41	GLOBAL	24.376	1.25	0	24.376	1.25	0	
L1	42	GLOBAL	25.624	1.25	0	25.624	1.25	0	
L1	43	GLOBAL	25.626	1.25	0	25.626	1.25	0	
L1	44	GLOBAL	26.874	1.25	0	26.874	1.25	0	
L1	45	GLOBAL	26.876	1.25	0	26.876	1.25	0	

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

Table: Lane Centerline Points

Lane	Point	CoordSys	X	Y	Z	GlobalX	GlobalY	GlobalZ
			m	m	m	m	m	m
L1	46	GLOBAL	28.124	1.25	0	28.124	1.25	0
L1	47	GLOBAL	28.126	1.25	0	28.126	1.25	0
L1	48	GLOBAL	29.374	1.25	0	29.374	1.25	0
L1	49	GLOBAL	29.376	1.25	0	29.376	1.25	0
L1	50	GLOBAL	30.624	1.25	0	30.624	1.25	0
L1	51	GLOBAL	30.626	1.25	0	30.626	1.25	0
L1	52	GLOBAL	31.874	1.25	0	31.874	1.25	0
L1	53	GLOBAL	31.876	1.25	0	31.876	1.25	0
L1	54	GLOBAL	33.124	1.25	0	33.124	1.25	0
L1	55	GLOBAL	33.126	1.25	0	33.126	1.25	0
L1	56	GLOBAL	34.374	1.25	0	34.374	1.25	0
L1	57	GLOBAL	34.376	1.25	0	34.376	1.25	0
L1	58	GLOBAL	35.624	1.25	0	35.624	1.25	0
L1	59	GLOBAL	35.626	1.25	0	35.626	1.25	0
L1	60	GLOBAL	36.499	1.25	0	36.499	1.25	0
L1	61	GLOBAL	36.501	1.25	0	36.501	1.25	0
L1	62	GLOBAL	37.374	1.25	0	37.374	1.25	0
L1	63	GLOBAL	37.376	1.25	0	37.376	1.25	0
L1	64	GLOBAL	38.624	1.25	0	38.624	1.25	0
L1	65	GLOBAL	38.626	1.25	0	38.626	1.25	0
L1	66	GLOBAL	39.499	1.25	0	39.499	1.25	0
L1	67	GLOBAL	39.501	1.25	0	39.501	1.25	0
L1	68	GLOBAL	40.374	1.25	0	40.374	1.25	0
L1	69	GLOBAL	40.376	1.25	0	40.376	1.25	0
L1	70	GLOBAL	41.624	1.25	0	41.624	1.25	0
L1	71	GLOBAL	41.626	1.25	0	41.626	1.25	0
L1	72	GLOBAL	42.499	1.25	0	42.499	1.25	0
L1	73	GLOBAL	42.501	1.25	0	42.501	1.25	0
L1	74	GLOBAL	43.374	1.25	0	43.374	1.25	0
L1	75	GLOBAL	43.376	1.25	0	43.376	1.25	0
L1	76	GLOBAL	44.624	1.25	0	44.624	1.25	0
L1	77	GLOBAL	44.626	1.25	0	44.626	1.25	0
L1	78	GLOBAL	45.874	1.25	0	45.874	1.25	0
L1	79	GLOBAL	45.876	1.25	0	45.876	1.25	0
L1	80	GLOBAL	47.124	1.25	0	47.124	1.25	0
L1	81	GLOBAL	47.126	1.25	0	47.126	1.25	0
L1	82	GLOBAL	48.374	1.25	0	48.374	1.25	0
L1	83	GLOBAL	48.376	1.25	0	48.376	1.25	0
L1	84	GLOBAL	49.624	1.25	0	49.624	1.25	0
L1	85	GLOBAL	49.626	1.25	0	49.626	1.25	0
L1	86	GLOBAL	50.874	1.25	0	50.874	1.25	0
L1	87	GLOBAL	50.876	1.25	0	50.876	1.25	0
L1	88	GLOBAL	52.124	1.25	0	52.124	1.25	0
L1	89	GLOBAL	52.126	1.25	0	52.126	1.25	0
L1	90	GLOBAL	53.374	1.25	0	53.374	1.25	0
L1	91	GLOBAL	53.376	1.25	0	53.376	1.25	0
L1	92	GLOBAL	54.624	1.25	0	54.624	1.25	0
L1	93	GLOBAL	54.626	1.25	0	54.626	1.25	0
L1	94	GLOBAL	55.874	1.25	0	55.874	1.25	0
L1	95	GLOBAL	55.876	1.25	0	55.876	1.25	0
L1	96	GLOBAL	57.124	1.25	0	57.124	1.25	0
L1	97	GLOBAL	57.126	1.25	0	57.126	1.25	0
L1	98	GLOBAL	58.374	1.25	0	58.374	1.25	0

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

Table: Lane Centerline Points

Lane	Point	CoordSys	X	Y	Z	GlobalX	GlobalY	GlobalZ
			m	m	m	m	m	m
L1	99	GLOBAL	58.376	1.25	0	58.376	1.25	0
L1	100	GLOBAL	59.624	1.25	0	59.624	1.25	0
L1	101	GLOBAL	59.626	1.25	0	59.626	1.25	0
L1	102	GLOBAL	60.874	1.25	0	60.874	1.25	0
L1	103	GLOBAL	60.876	1.25	0	60.876	1.25	0
L1	104	GLOBAL	62.124	1.25	0	62.124	1.25	0
L1	105	GLOBAL	62.126	1.25	0	62.126	1.25	0
L1	106	GLOBAL	63.374	1.25	0	63.374	1.25	0
L1	107	GLOBAL	63.376	1.25	0	63.376	1.25	0
L1	108	GLOBAL	64.624	1.25	0	64.624	1.25	0
L1	109	GLOBAL	64.626	1.25	0	64.626	1.25	0
L1	110	GLOBAL	65.874	1.25	0	65.874	1.25	0
L1	111	GLOBAL	65.876	1.25	0	65.876	1.25	0
L1	112	GLOBAL	67.124	1.25	0	67.124	1.25	0
L1	113	GLOBAL	67.126	1.25	0	67.126	1.25	0
L1	114	GLOBAL	68.374	1.25	0	68.374	1.25	0
L1	115	GLOBAL	68.376	1.25	0	68.376	1.25	0
L1	116	GLOBAL	69.624	1.25	0	69.624	1.25	0
L1	117	GLOBAL	69.626	1.25	0	69.626	1.25	0
L1	118	GLOBAL	70.874	1.25	0	70.874	1.25	0
L1	119	GLOBAL	70.876	1.25	0	70.876	1.25	0
L1	120	GLOBAL	72.124	1.25	0	72.124	1.25	0
L1	121	GLOBAL	72.126	1.25	0	72.126	1.25	0
L1	122	GLOBAL	73.374	1.25	0	73.374	1.25	0
L1	123	GLOBAL	73.376	1.25	0	73.376	1.25	0
L1	124	GLOBAL	74.624	1.25	0	74.624	1.25	0
L1	125	GLOBAL	74.626	1.25	0	74.626	1.25	0
L1	126	GLOBAL	75.874	1.25	0	75.874	1.25	0
L1	127	GLOBAL	75.876	1.25	0	75.876	1.25	0
L1	128	GLOBAL	77.124	1.25	0	77.124	1.25	0
L1	129	GLOBAL	77.126	1.25	0	77.126	1.25	0
L1	130	GLOBAL	78.374	1.25	0	78.374	1.25	0
L1	131	GLOBAL	78.376	1.25	0	78.376	1.25	0
L1	132	GLOBAL	79.499	1.25	0	79.499	1.25	0
L2	1	GLOBAL	-0.499	4.25	0	-0.499	4.25	0
L2	2	GLOBAL	0.624	4.25	0	0.624	4.25	0
L2	3	GLOBAL	0.626	4.25	0	0.626	4.25	0
L2	4	GLOBAL	1.874	4.25	0	1.874	4.25	0
L2	5	GLOBAL	1.876	4.25	0	1.876	4.25	0
L2	6	GLOBAL	3.124	4.25	0	3.124	4.25	0
L2	7	GLOBAL	3.126	4.25	0	3.126	4.25	0
L2	8	GLOBAL	4.374	4.25	0	4.374	4.25	0
L2	9	GLOBAL	4.376	4.25	0	4.376	4.25	0
L2	10	GLOBAL	5.624	4.25	0	5.624	4.25	0
L2	11	GLOBAL	5.626	4.25	0	5.626	4.25	0
L2	12	GLOBAL	6.874	4.25	0	6.874	4.25	0
L2	13	GLOBAL	6.876	4.25	0	6.876	4.25	0
L2	14	GLOBAL	8.124	4.25	0	8.124	4.25	0
L2	15	GLOBAL	8.126	4.25	0	8.126	4.25	0
L2	16	GLOBAL	9.374	4.25	0	9.374	4.25	0
L2	17	GLOBAL	9.376	4.25	0	9.376	4.25	0
L2	18	GLOBAL	10.624	4.25	0	10.624	4.25	0
L2	19	GLOBAL	10.626	4.25	0	10.626	4.25	0

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

Table: Lane Centerline Points

Lane	Point	CoordSys	X	Y	Z	GlobalX	GlobalY	GlobalZ
			m	m	m	m	m	m
L2	20	GLOBAL	11.874	4.25	0	11.874	4.25	0
L2	21	GLOBAL	11.876	4.25	0	11.876	4.25	0
L2	22	GLOBAL	13.124	4.25	0	13.124	4.25	0
L2	23	GLOBAL	13.126	4.25	0	13.126	4.25	0
L2	24	GLOBAL	14.374	4.25	0	14.374	4.25	0
L2	25	GLOBAL	14.376	4.25	0	14.376	4.25	0
L2	26	GLOBAL	15.624	4.25	0	15.624	4.25	0
L2	27	GLOBAL	15.626	4.25	0	15.626	4.25	0
L2	28	GLOBAL	16.874	4.25	0	16.874	4.25	0
L2	29	GLOBAL	16.876	4.25	0	16.876	4.25	0
L2	30	GLOBAL	18.124	4.25	0	18.124	4.25	0
L2	31	GLOBAL	18.126	4.25	0	18.126	4.25	0
L2	32	GLOBAL	19.374	4.25	0	19.374	4.25	0
L2	33	GLOBAL	19.376	4.25	0	19.376	4.25	0
L2	34	GLOBAL	20.624	4.25	0	20.624	4.25	0
L2	35	GLOBAL	20.626	4.25	0	20.626	4.25	0
L2	36	GLOBAL	21.874	4.25	0	21.874	4.25	0
L2	37	GLOBAL	21.876	4.25	0	21.876	4.25	0
L2	38	GLOBAL	23.124	4.25	0	23.124	4.25	0
L2	39	GLOBAL	23.126	4.25	0	23.126	4.25	0
L2	40	GLOBAL	24.374	4.25	0	24.374	4.25	0
L2	41	GLOBAL	24.376	4.25	0	24.376	4.25	0
L2	42	GLOBAL	25.624	4.25	0	25.624	4.25	0
L2	43	GLOBAL	25.626	4.25	0	25.626	4.25	0
L2	44	GLOBAL	26.874	4.25	0	26.874	4.25	0
L2	45	GLOBAL	26.876	4.25	0	26.876	4.25	0
L2	46	GLOBAL	28.124	4.25	0	28.124	4.25	0
L2	47	GLOBAL	28.126	4.25	0	28.126	4.25	0
L2	48	GLOBAL	29.374	4.25	0	29.374	4.25	0
L2	49	GLOBAL	29.376	4.25	0	29.376	4.25	0
L2	50	GLOBAL	30.624	4.25	0	30.624	4.25	0
L2	51	GLOBAL	30.626	4.25	0	30.626	4.25	0
L2	52	GLOBAL	31.874	4.25	0	31.874	4.25	0
L2	53	GLOBAL	31.876	4.25	0	31.876	4.25	0
L2	54	GLOBAL	33.124	4.25	0	33.124	4.25	0
L2	55	GLOBAL	33.126	4.25	0	33.126	4.25	0
L2	56	GLOBAL	34.374	4.25	0	34.374	4.25	0
L2	57	GLOBAL	34.376	4.25	0	34.376	4.25	0
L2	58	GLOBAL	35.624	4.25	0	35.624	4.25	0
L2	59	GLOBAL	35.626	4.25	0	35.626	4.25	0
L2	60	GLOBAL	36.499	4.25	0	36.499	4.25	0
L2	61	GLOBAL	36.501	4.25	0	36.501	4.25	0
L2	62	GLOBAL	37.374	4.25	0	37.374	4.25	0
L2	63	GLOBAL	37.376	4.25	0	37.376	4.25	0
L2	64	GLOBAL	38.624	4.25	0	38.624	4.25	0
L2	65	GLOBAL	38.626	4.25	0	38.626	4.25	0
L2	66	GLOBAL	39.499	4.25	0	39.499	4.25	0
L2	67	GLOBAL	39.501	4.25	0	39.501	4.25	0
L2	68	GLOBAL	40.374	4.25	0	40.374	4.25	0
L2	69	GLOBAL	40.376	4.25	0	40.376	4.25	0
L2	70	GLOBAL	41.624	4.25	0	41.624	4.25	0
L2	71	GLOBAL	41.626	4.25	0	41.626	4.25	0
L2	72	GLOBAL	42.499	4.25	0	42.499	4.25	0

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

Table: Lane Centerline Points

Lane	Point	CoordSys	X	Y	Z	GlobalX	GlobalY	GlobalZ
			m	m	m	m	m	m
L2	73	GLOBAL	42.501	4.25	0	42.501	4.25	0
L2	74	GLOBAL	43.374	4.25	0	43.374	4.25	0
L2	75	GLOBAL	43.376	4.25	0	43.376	4.25	0
L2	76	GLOBAL	44.624	4.25	0	44.624	4.25	0
L2	77	GLOBAL	44.626	4.25	0	44.626	4.25	0
L2	78	GLOBAL	45.874	4.25	0	45.874	4.25	0
L2	79	GLOBAL	45.876	4.25	0	45.876	4.25	0
L2	80	GLOBAL	47.124	4.25	0	47.124	4.25	0
L2	81	GLOBAL	47.126	4.25	0	47.126	4.25	0
L2	82	GLOBAL	48.374	4.25	0	48.374	4.25	0
L2	83	GLOBAL	48.376	4.25	0	48.376	4.25	0
L2	84	GLOBAL	49.624	4.25	0	49.624	4.25	0
L2	85	GLOBAL	49.626	4.25	0	49.626	4.25	0
L2	86	GLOBAL	50.874	4.25	0	50.874	4.25	0
L2	87	GLOBAL	50.876	4.25	0	50.876	4.25	0
L2	88	GLOBAL	52.124	4.25	0	52.124	4.25	0
L2	89	GLOBAL	52.126	4.25	0	52.126	4.25	0
L2	90	GLOBAL	53.374	4.25	0	53.374	4.25	0
L2	91	GLOBAL	53.376	4.25	0	53.376	4.25	0
L2	92	GLOBAL	54.624	4.25	0	54.624	4.25	0
L2	93	GLOBAL	54.626	4.25	0	54.626	4.25	0
L2	94	GLOBAL	55.874	4.25	0	55.874	4.25	0
L2	95	GLOBAL	55.876	4.25	0	55.876	4.25	0
L2	96	GLOBAL	57.124	4.25	0	57.124	4.25	0
L2	97	GLOBAL	57.126	4.25	0	57.126	4.25	0
L2	98	GLOBAL	58.374	4.25	0	58.374	4.25	0
L2	99	GLOBAL	58.376	4.25	0	58.376	4.25	0
L2	100	GLOBAL	59.624	4.25	0	59.624	4.25	0
L2	101	GLOBAL	59.626	4.25	0	59.626	4.25	0
L2	102	GLOBAL	60.874	4.25	0	60.874	4.25	0
L2	103	GLOBAL	60.876	4.25	0	60.876	4.25	0
L2	104	GLOBAL	62.124	4.25	0	62.124	4.25	0
L2	105	GLOBAL	62.126	4.25	0	62.126	4.25	0
L2	106	GLOBAL	63.374	4.25	0	63.374	4.25	0
L2	107	GLOBAL	63.376	4.25	0	63.376	4.25	0
L2	108	GLOBAL	64.624	4.25	0	64.624	4.25	0
L2	109	GLOBAL	64.626	4.25	0	64.626	4.25	0
L2	110	GLOBAL	65.874	4.25	0	65.874	4.25	0
L2	111	GLOBAL	65.876	4.25	0	65.876	4.25	0
L2	112	GLOBAL	67.124	4.25	0	67.124	4.25	0
L2	113	GLOBAL	67.126	4.25	0	67.126	4.25	0
L2	114	GLOBAL	68.374	4.25	0	68.374	4.25	0
L2	115	GLOBAL	68.376	4.25	0	68.376	4.25	0
L2	116	GLOBAL	69.624	4.25	0	69.624	4.25	0
L2	117	GLOBAL	69.626	4.25	0	69.626	4.25	0
L2	118	GLOBAL	70.874	4.25	0	70.874	4.25	0
L2	119	GLOBAL	70.876	4.25	0	70.876	4.25	0
L2	120	GLOBAL	72.124	4.25	0	72.124	4.25	0
L2	121	GLOBAL	72.126	4.25	0	72.126	4.25	0
L2	122	GLOBAL	73.374	4.25	0	73.374	4.25	0
L2	123	GLOBAL	73.376	4.25	0	73.376	4.25	0
L2	124	GLOBAL	74.624	4.25	0	74.624	4.25	0
L2	125	GLOBAL	74.626	4.25	0	74.626	4.25	0

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

Table: Lane Centerline Points

Lane	Point	CoordSys	X m	Y m	Z m	GlobalX m	GlobalY m	GlobalZ m
L2	126	GLOBAL	75.874	4.25	0	75.874	4.25	0
L2	127	GLOBAL	75.876	4.25	0	75.876	4.25	0
L2	128	GLOBAL	77.124	4.25	0	77.124	4.25	0
L2	129	GLOBAL	77.126	4.25	0	77.126	4.25	0
L2	130	GLOBAL	78.374	4.25	0	78.374	4.25	0
L2	131	GLOBAL	78.376	4.25	0	78.376	4.25	0
L2	132	GLOBAL	79.499	4.25	0	79.499	4.25	0

Table: Lane Definition Data, Part 1 of 2

Table: Lane Definition Data, Part 1 of 2

Lane	LaneFrom	Frame	Width m	Offset m	LoadGroup	DiscAlong m	DiscAcross m	DiscSpan
L1	Frame	81	0	0	Default	0.4	3.048	No
L1	Frame	82	0	0	Default			
L1	Frame	83	0	0	Default			
L1	Frame	84	0	0	Default			
L1	Frame	85	0	0	Default			
L1	Frame	86	0	0	Default			
L1	Frame	87	0	0	Default			
L1	Frame	88	0	0	Default			
L1	Frame	89	0	0	Default			
L1	Frame	90	0	0	Default			
L1	Frame	91	0	0	Default			
L1	Frame	92	0	0	Default			
L1	Frame	93	0	0	Default			
L1	Frame	94	0	0	Default			
L1	Frame	95	0	0	Default			
L1	Frame	96	0	0	Default			
L1	Frame	97	0	0	Default			
L1	Frame	98	0	0	Default			
L1	Frame	99	0	0	Default			
L1	Frame	100	0	0	Default			
L1	Frame	101	0	0	Default			
L1	Frame	102	0	0	Default			
L1	Frame	103	0	0	Default			
L1	Frame	104	0	0	Default			
L1	Frame	105	0	0	Default			
L1	Frame	106	0	0	Default			
L1	Frame	107	0	0	Default			
L1	Frame	108	0	0	Default			
L1	Frame	109	0	0	Default			
L1	Frame	110	0	0	Default			
L1	Frame	111	0	0	Default			
L1	Frame	112	0	0	Default			
L1	Frame	113	0	0	Default			
L1	Frame	114	0	0	Default			
L1	Frame	115	0	0	Default			
L1	Frame	116	0	0	Default			
L1	Frame	117	0	0	Default			
L1	Frame	118	0	0	Default			
L1	Frame	119	0	0	Default			

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Table: Lane Definition Data, Part 1 of 2

Lane	LaneFrom	Frame	Width m	Offset m	LoadGroup	DiscAlong m	DiscAcross m	DiscSpan
L1	Frame	120	0	0	Default			
L1	Frame	121	0	0	Default			
L1	Frame	122	0	0	Default			
L1	Frame	123	0	0	Default			
L1	Frame	124	0	0	Default			
L1	Frame	125	0	0	Default			
L1	Frame	126	0	0	Default			
L1	Frame	127	0	0	Default			
L1	Frame	128	0	0	Default			
L1	Frame	129	0	0	Default			
L1	Frame	130	0	0	Default			
L1	Frame	131	0	0	Default			
L1	Frame	132	0	0	Default			
L1	Frame	133	0	0	Default			
L1	Frame	134	0	0	Default			
L1	Frame	135	0	0	Default			
L1	Frame	136	0	0	Default			
L1	Frame	137	0	0	Default			
L1	Frame	138	0	0	Default			
L1	Frame	139	0	0	Default			
L1	Frame	140	0	0	Default			
L1	Frame	141	0	0	Default			
L1	Frame	142	0	0	Default			
L1	Frame	143	0	0	Default			
L1	Frame	144	0	0	Default			
L1	Frame	145	0	0	Default			
L1	Frame	146	0	0	Default			
L2	Frame	232	0	0	Default	3.048	3.048	No
L2	Frame	233	0	0	Default			
L2	Frame	234	0	0	Default			
L2	Frame	235	0	0	Default			
L2	Frame	236	0	0	Default			
L2	Frame	237	0	0	Default			
L2	Frame	238	0	0	Default			
L2	Frame	239	0	0	Default			
L2	Frame	240	0	0	Default			
L2	Frame	241	0	0	Default			
L2	Frame	242	0	0	Default			
L2	Frame	243	0	0	Default			
L2	Frame	244	0	0	Default			
L2	Frame	245	0	0	Default			
L2	Frame	246	0	0	Default			
L2	Frame	247	0	0	Default			
L2	Frame	248	0	0	Default			
L2	Frame	249	0	0	Default			
L2	Frame	250	0	0	Default			
L2	Frame	251	0	0	Default			
L2	Frame	252	0	0	Default			
L2	Frame	253	0	0	Default			
L2	Frame	254	0	0	Default			
L2	Frame	255	0	0	Default			
L2	Frame	256	0	0	Default			
L2	Frame	257	0	0	Default			

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Table: Lane Definition Data, Part 1 of 2

Lane	LaneFrom	Frame	Width m	Offset m	LoadGroup	DiscAlong m	DiscAcross m	DiscSpan
L2	Frame	258	0	0	Default			
L2	Frame	259	0	0	Default			
L2	Frame	260	0	0	Default			
L2	Frame	261	0	0	Default			
L2	Frame	262	0	0	Default			
L2	Frame	263	0	0	Default			
L2	Frame	264	0	0	Default			
L2	Frame	265	0	0	Default			
L2	Frame	266	0	0	Default			
L2	Frame	267	0	0	Default			
L2	Frame	268	0	0	Default			
L2	Frame	269	0	0	Default			
L2	Frame	270	0	0	Default			
L2	Frame	271	0	0	Default			
L2	Frame	272	0	0	Default			
L2	Frame	273	0	0	Default			
L2	Frame	274	0	0	Default			
L2	Frame	275	0	0	Default			
L2	Frame	276	0	0	Default			
L2	Frame	277	0	0	Default			
L2	Frame	278	0	0	Default			
L2	Frame	279	0	0	Default			
L2	Frame	280	0	0	Default			
L2	Frame	281	0	0	Default			
L2	Frame	282	0	0	Default			
L2	Frame	283	0	0	Default			
L2	Frame	284	0	0	Default			
L2	Frame	285	0	0	Default			
L2	Frame	286	0	0	Default			
L2	Frame	287	0	0	Default			
L2	Frame	288	0	0	Default			
L2	Frame	289	0	0	Default			
L2	Frame	290	0	0	Default			
L2	Frame	291	0	0	Default			
L2	Frame	292	0	0	Default			
L2	Frame	293	0	0	Default			
L2	Frame	294	0	0	Default			
L2	Frame	295	0	0	Default			
L2	Frame	296	0	0	Default			
L2	Frame	297	0	0	Default			

Table: Lane Definition Data, Part 2 of 2

Table: Lane Definition Data, Part 2 of 2

Lane	DiscLane	DiscLane-Fac	LeftType	RightType	Color	Notes
L1	Yes	10	Interior	Interior	Magenta	
L1						
L1						
L1						
L1						

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Table: Load Case Definitions, Part 2 of 3

Case	DesActOpt	DesignAct	AutoType	RunCase	CaseStatus	GUID
g2	Prog Det	Other	None	Yes	Not Run	
g1.1	Prog Det	Non-Composite	None	Yes	Not Run	
Fatica	Prog Det	Short-Term Composite	None	Yes	Not Run	

Table: Load Case Definitions, Part 3 of 3

Table: Load Case Definitions, Part 3 of 3

Case	Notes
coaz_Pila_cedimento	
e3_iper_TERM	
q5_Vento	
Mov_01	
g1.2	
g2	
g1.1	
Fatica	

Table: Load Pattern Definitions

Table: Load Pattern Definitions

LoadPat	DesignType	SelfWtMult	AutoLoad	GUID	Notes
g1.2	Other	0		ce30b8d3-94ef-43ff-94c7-780635d278c3	
g2	Other	0		640f3da1-3255-4f0c-8ce9-610e0ec99a19	
g1.1	Dead	1		a607a857-531e-41f4-801f-a60b17f481e6	

Table: Vehicles 2 - General Vehicles 1 - General

Table: Vehicles 2 - General Vehicles 1 - General

VehName	NumInter	StayInLane
L_1	3	No
L_2	3	No
L_3	3	No
L_risul	1	No
L_1_freq	3	No
L_2_freq	3	No
L_3_freq	3	No
L_risult_freq	1	No
fatica_FLM3	5	No

Table: Vehicles 3 - General Vehicles 2 - Loads

Table: Vehicles 3 - General Vehicles 2 - Loads

VehName	LoadType	UnifLoad KN/m	AxleLoad KN	MinDist m	MaxDist m
L_1	Leading Load	27	300		
L_1	Fixed Length	27	300	1.2	
L_1	Trailing Load	27			
L_2	Leading Load	7.5	200		
L_2	Fixed Length	7.5	200	1.2	
L_2	Trailing Load	7.5			
L_3	Leading Load	7.5	100		
L_3	Fixed Length	7.5	100	1.2	
L_3	Trailing Load	7.5			
L_risul	Leading Load	5.63	0		
L_1_freq	Leading Load	5.4	112.5		
L_1_freq	Fixed Length	5.4	112.5	1.2	
L_1_freq	Trailing Load	5.4			
L_2_freq	Leading Load	1.5	75		
L_2_freq	Fixed Length	1.5	75	1.2	
L_2_freq	Trailing Load	1.5			
L_3_freq	Leading Load	1.5	37.5		
L_3_freq	Fixed Length	1.5	37.5	1.2	
L_3_freq	Trailing Load	1.5			
L_risult_freq	Trailing Load	2.3			
fatica_FLM3	Leading Load	0	120		
fatica_FLM3	Fixed Length	0	120	1.2	
fatica_FLM3	Fixed Length	0	120	6	
fatica_FLM3	Fixed Length	0	120	1.2	
fatica_FLM3	Trailing Load	0			

Table: Vehicles 4 - Vehicle Classes

Table: Vehicles 4 - Vehicle Classes

VehClass	VehName	ScaleFactor
L_1	L_1	1
L_2	L_2	1
L_3	L_3	1
L_risul	L_risul	1
L_1_freq	L_1_freq	1
L_2_freq	L_2_freq	1
L_3_freq	L_3_freq	1
L_risult_freq	L_risult_freq	1
fatica_FLM3	fatica_FLM3	1

1.2. Output

1.2.1 Output Fase 1

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	
A0	0	G1	Combination	0	2.274E-12	0	-2.168E-19	0	
A0	0.5	G1	Combination	0	23.499	0	-2.168E-19	0	
A1	0	G1	Combination	0	-638.279	0	-0.5325	0	
A1	0.625	G1	Combination	0	-608.905	0	-0.5325	0	
A1	0.625	G1	Combination	0	-608.905	0	-0.5325	0	
A1	1.875	G1	Combination	0	-550.156	0	-0.5325	0	
A1	1.875	G1	Combination	0	-550.156	0	-0.5325	0	
A1	3.125	G1	Combination	0	-491.408	0	-0.5325	0	
A1	3.125	G1	Combination	0	-491.408	0	-0.5325	0	
A1	4.375	G1	Combination	0	-432.66	0	-0.5325	0	
A1	4.375	G1	Combination	0	-432.66	0	-0.5325	0	
A1	5	G1	Combination	0	-403.286	0	-0.5325	0	
A1	5	G1	Combination	0	-394.395	0	-0.7805	0	
A1	5.625	G1	Combination	0	-365.021	0	-0.7805	0	
A1	5.625	G1	Combination	0	-365.021	0	-0.7805	0	
A1	6.5	G1	Combination	0	-323.897	0	-0.7805	0	
A2	0	G1	Combination	0	-323.897	0	-0.7805	0	
A2	0.375	G1	Combination	0	-305.95	0	-0.7805	0	
A2	0.375	G1	Combination	0	-305.95	0	-0.7805	0	
A2	1.625	G1	Combination	0	-246.126	0	-0.7805	0	
A2	1.625	G1	Combination	0	-246.126	0	-0.7805	0	
A2	2.875	G1	Combination	0	-186.302	0	-0.7805	0	
A2	2.875	G1	Combination	0	-186.302	0	-0.7805	0	
A2	3.5	G1	Combination	0	-156.39	0	-0.7805	0	
A2	3.5	G1	Combination	0	-147.426	0	-0.8301	0	
A2	4.125	G1	Combination	0	-117.514	0	-0.8301	0	
A2	4.125	G1	Combination	0	-117.514	0	-0.8301	0	
A2	5.375	G1	Combination	0	-57.69	0	-0.8301	0	
A2	5.375	G1	Combination	0	-57.69	0	-0.8301	0	
A2	6.625	G1	Combination	0	2.134	0	-0.8301	0	
A2	6.625	G1	Combination	0	2.134	0	-0.8301	0	
A2	7.875	G1	Combination	0	61.958	0	-0.8301	0	
A2	7.875	G1	Combination	0	61.958	0	-0.8301	0	
A2	8.5	G1	Combination	0	91.87	0	-0.8301	0	
A2	8.5	G1	Combination	0	100.988	0	-0.4569	0	
A2	9.125	G1	Combination	0	130.9	0	-0.4569	0	
A2	9.125	G1	Combination	0	130.9	0	-0.4569	0	
A2	10	G1	Combination	0	172.777	0	-0.4569	0	
A3	0	G1	Combination	0	172.777	0	-0.4569	0	
A3	0.375	G1	Combination	0	190.724	0	-0.4569	0	
A3	0.375	G1	Combination	0	190.724	0	-0.4569	0	
A3	1.625	G1	Combination	0	250.548	0	-0.4569	0	
A3	1.625	G1	Combination	0	250.548	0	-0.4569	0	
A3	2.875	G1	Combination	0	310.372	0	-0.4569	0	

AUTOSTRADA VALDASTICO A31 NORD
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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
A3	2.875	G1	Combination	0	310.372	0	-0.4569	0
A3	3.5	G1	Combination	0	340.284	0	-0.4569	0
A3	3.5	G1	Combination	0	349.447	0	0.0414	0
A3	4.125	G1	Combination	0	379.359	0	0.0414	0
A3	4.125	G1	Combination	0	379.359	0	0.0414	0
A3	5.375	G1	Combination	0	439.183	0	0.0414	0
A3	5.375	G1	Combination	0	439.183	0	0.0414	0
A3	6.625	G1	Combination	0	499.008	0	0.0414	0
A3	6.625	G1	Combination	0	499.008	0	0.0414	0
A3	7.875	G1	Combination	0	558.832	0	0.0414	0
A3	7.875	G1	Combination	0	558.832	0	0.0414	0
A3	8.5	G1	Combination	0	588.744	0	0.0414	0
A3	8.5	G1	Combination	0	598.068	0	0.9826	0
A3	9.125	G1	Combination	0	627.98	0	0.9826	0
A3	9.125	G1	Combination	0	627.98	0	0.9826	0
A3	9.5	G1	Combination	0	645.927	0	0.9826	0
A4	0	G1	Combination	0	645.927	0	0.9826	0
A4	0.875	G1	Combination	0	689.776	0	0.9826	0
A4	0.875	G1	Combination	0	689.776	0	0.9826	0
A4	2.125	G1	Combination	0	752.417	0	0.9826	0
A4	2.125	G1	Combination	0	752.417	0	0.9826	0
A4	3.375	G1	Combination	0	815.059	0	0.9826	0
A4	3.375	G1	Combination	0	815.059	0	0.9826	0
A4	4	G1	Combination	0	846.379	0	0.9826	0
A4	4	G1	Combination	0	856.029	0	2.8183	0
A4	4.625	G1	Combination	0	887.349	0	2.8183	0
A4	4.625	G1	Combination	0	887.349	0	2.8183	0
A4	5.875	G1	Combination	0	949.991	0	2.8183	0
A4	5.875	G1	Combination	0	949.991	0	2.8183	0
A4	7.125	G1	Combination	0	1012.632	0	2.8183	0
A4	7.125	G1	Combination	0	1012.632	0	2.8183	0
A4	7.5	G1	Combination	0	1031.424	0	2.8183	0
A5	0	G1	Combination	0	1031.424	0	2.8183	0
A5	0.875	G1	Combination	0	1079.093	0	2.8183	0
A5	0.875	G1	Combination	0	1079.093	0	2.8183	0
A5	1.5	G1	Combination	0	1113.142	0	2.8183	0
A5	1.5	G1	Combination	0	1124.59	0	9.6021	0
A5	2.125	G1	Combination	0	1158.639	0	9.6021	0
A5	2.125	G1	Combination	0	1158.639	0	9.6021	0
A5	3	G1	Combination	0	1206.308	0	9.6021	0
A5	3	G1	Combination	0	1206.308	0	9.6021	0
A5	3.875	G1	Combination	0	1253.976	0	9.6021	0
A5	3.875	G1	Combination	0	1253.976	0	9.6021	0
A5	4.5	G1	Combination	0	1288.025	0	9.6021	0
A6	0	G1	Combination	0	-1352.273	0	13.8665	0
A6	0.625	G1	Combination	0	-1318.224	0	13.8665	0
A6	0.625	G1	Combination	0	-1318.224	0	13.8665	0
A6	1.5	G1	Combination	0	-1270.556	0	13.8665	0
A6	1.5	G1	Combination	0	-1270.556	0	13.8665	0
A6	2.375	G1	Combination	0	-1222.887	0	13.8665	0
A6	2.375	G1	Combination	0	-1222.887	0	13.8665	0
A6	3	G1	Combination	0	-1188.838	0	13.8665	0
A6	3	G1	Combination	0	-1181.407	0	9.6021	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
A6	3.625	G1	Combination	0	-1147.358	0	9.6021	0
A6	3.625	G1	Combination	0	-1147.358	0	9.6021	0
A6	4.5	G1	Combination	0	-1099.69	0	9.6021	0
A6	4.5	G1	Combination	0	-1099.69	0	9.6021	0
A6	5.375	G1	Combination	0	-1052.021	0	9.6021	0
A6	5.375	G1	Combination	0	-1052.021	0	9.6021	0
A6	6	G1	Combination	0	-1017.972	0	9.6021	0
A6	6	G1	Combination	0	-1011.457	0	2.8183	0
A6	6.625	G1	Combination	0	-977.408	0	2.8183	0
A6	6.625	G1	Combination	0	-977.408	0	2.8183	0
A6	7.5	G1	Combination	0	-929.74	0	2.8183	0
A7	0	G1	Combination	0	-929.74	0	2.8183	0
A7	0.375	G1	Combination	0	-910.947	0	2.8183	0
A7	0.375	G1	Combination	0	-910.947	0	2.8183	0
A7	1.625	G1	Combination	0	-848.306	0	2.8183	0
A7	1.625	G1	Combination	0	-848.306	0	2.8183	0
A7	2.875	G1	Combination	0	-785.665	0	2.8183	0
A7	2.875	G1	Combination	0	-785.665	0	2.8183	0
A7	3.5	G1	Combination	0	-754.344	0	2.8183	0
A7	3.5	G1	Combination	0	-746.03	0	0.9826	0
A7	4.125	G1	Combination	0	-714.709	0	0.9826	0
A7	4.125	G1	Combination	0	-714.709	0	0.9826	0
A7	5.375	G1	Combination	0	-652.068	0	0.9826	0
A7	5.375	G1	Combination	0	-652.068	0	0.9826	0
A7	6.625	G1	Combination	0	-589.427	0	0.9826	0
A7	6.625	G1	Combination	0	-589.427	0	0.9826	0
A7	7.5	G1	Combination	0	-545.578	0	0.9826	0
A8	0	G1	Combination	0	-545.578	0	0.9826	0
A8	0.375	G1	Combination	0	-527.63	0	0.9826	0
A8	0.375	G1	Combination	0	-527.63	0	0.9826	0
A8	1	G1	Combination	0	-497.718	0	0.9826	0
A8	1	G1	Combination	0	-489.079	0	0.0414	0
A8	1.625	G1	Combination	0	-459.167	0	0.0414	0
A8	1.625	G1	Combination	0	-459.167	0	0.0414	0
A8	2.875	G1	Combination	0	-399.343	0	0.0414	0
A8	2.875	G1	Combination	0	-399.343	0	0.0414	0
A8	4.125	G1	Combination	0	-339.519	0	0.0414	0
A8	4.125	G1	Combination	0	-339.519	0	0.0414	0
A8	5.375	G1	Combination	0	-279.695	0	0.0414	0
A8	5.375	G1	Combination	0	-279.695	0	0.0414	0
A8	6	G1	Combination	0	-249.783	0	0.0414	0
A8	6	G1	Combination	0	-240.982	0	-0.4569	0
A8	6.625	G1	Combination	0	-211.07	0	-0.4569	0
A8	6.625	G1	Combination	0	-211.07	0	-0.4569	0
A8	7.875	G1	Combination	0	-151.246	0	-0.4569	0
A8	7.875	G1	Combination	0	-151.246	0	-0.4569	0
A8	9.125	G1	Combination	0	-91.422	0	-0.4569	0
A8	9.125	G1	Combination	0	-91.422	0	-0.4569	0
A8	9.5	G1	Combination	0	-73.474	0	-0.4569	0
A9	0	G1	Combination	0	-73.474	0	-0.4569	0
A9	0.875	G1	Combination	0	-31.598	0	-0.4569	0
A9	0.875	G1	Combination	0	-31.598	0	-0.4569	0
A9	1.5	G1	Combination	0	-1.686	0	-0.4569	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
A9	1.5	G1	Combination	0	7.161	0	-0.8301	0
A9	2.125	G1	Combination	0	37.073	0	-0.8301	0
A9	2.125	G1	Combination	0	37.073	0	-0.8301	0
A9	3.375	G1	Combination	0	96.897	0	-0.8301	0
A9	3.375	G1	Combination	0	96.897	0	-0.8301	0
A9	4.625	G1	Combination	0	156.721	0	-0.8301	0
A9	4.625	G1	Combination	0	156.721	0	-0.8301	0
A9	5.875	G1	Combination	0	216.545	0	-0.8301	0
A9	5.875	G1	Combination	0	216.545	0	-0.8301	0
A9	6.5	G1	Combination	0	246.457	0	-0.8301	0
A9	6.5	G1	Combination	0	255.457	0	-0.7805	0
A9	7.125	G1	Combination	0	285.369	0	-0.7805	0
A9	7.125	G1	Combination	0	285.369	0	-0.7805	0
A9	8.375	G1	Combination	0	345.193	0	-0.7805	0
A9	8.375	G1	Combination	0	345.193	0	-0.7805	0
A9	9.625	G1	Combination	0	405.017	0	-0.7805	0
A9	9.625	G1	Combination	0	405.017	0	-0.7805	0
A9	10	G1	Combination	0	422.964	0	-0.7805	0
A10	0	G1	Combination	0	422.964	0	-0.7805	0
A10	0.875	G1	Combination	0	464.088	0	-0.7805	0
A10	0.875	G1	Combination	0	464.088	0	-0.7805	0
A10	1.5	G1	Combination	0	493.462	0	-0.7805	0
A10	1.5	G1	Combination	0	502.534	0	-0.5325	0
A10	2.125	G1	Combination	0	531.908	0	-0.5325	0
A10	2.125	G1	Combination	0	531.908	0	-0.5325	0
A10	3.375	G1	Combination	0	590.656	0	-0.5325	0
A10	3.375	G1	Combination	0	590.656	0	-0.5325	0
A10	4.625	G1	Combination	0	649.404	0	-0.5325	0
A10	4.625	G1	Combination	0	649.404	0	-0.5325	0
A10	5.875	G1	Combination	0	708.152	0	-0.5325	0
A10	5.875	G1	Combination	0	708.152	0	-0.5325	0
A10	6.5	G1	Combination	0	737.526	0	-0.5325	0
A11	0	G1	Combination	0	-23.499	0	-2.797E-17	0
A11	0.5	G1	Combination	0	2.333E-12	0	-2.797E-17	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
A0	0	G1	-1.091E-11	A0-1	0
A0	0.5	G1	-5.8748	A0-1	0.5
A1	0	G1	-5.7723	A1-1	0
A1	0.625	G1	383.9724	A1-1	0.625
A1	0.625	G1	383.9724	A1-2	0
A1	1.875	G1	1108.3855	A1-2	1.25
A1	1.875	G1	1108.3855	A1-3	0
A1	3.125	G1	1759.3636	A1-3	1.25
A1	3.125	G1	1759.3636	A1-4	0
A1	4.375	G1	2336.9067	A1-4	1.25
A1	4.375	G1	2336.9067	A1-5	0
A1	5	G1	2598.1401	A1-5	0.625

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Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	M3 KN-m	FrameElem	ElemStation m
A1	5	G1	2598.2365	A1-6	0
A1	5.625	G1	2835.5539	A1-6	0.625
A1	5.625	G1	2835.5539	A1-7	0
A1	6.5	G1	3136.9555	A1-7	0.875
A2	0	G1	3136.9555	A2-1	0
A2	0.375	G1	3255.0518	A2-1	0.375
A2	0.375	G1	3255.0518	A2-2	0
A2	1.625	G1	3600.0992	A2-2	1.25
A2	1.625	G1	3600.0992	A2-3	0
A2	2.875	G1	3870.3665	A2-3	1.25
A2	2.875	G1	3870.3665	A2-4	0
A2	3.5	G1	3977.4576	A2-4	0.625
A2	3.5	G1	3977.5377	A2-5	0
A2	4.125	G1	4060.3314	A2-5	0.625
A2	4.125	G1	4060.3314	A2-6	0
A2	5.375	G1	4169.8337	A2-6	1.25
A2	5.375	G1	4169.8337	A2-7	0
A2	6.625	G1	4204.5559	A2-7	1.25
A2	6.625	G1	4204.5559	A2-8	0
A2	7.875	G1	4164.498	A2-8	1.25
A2	7.875	G1	4164.498	A2-9	0
A2	8.5	G1	4116.4265	A2-9	0.625
A2	8.5	G1	4116.4803	A2-10	0
A2	9.125	G1	4044.0153	A2-10	0.625
A2	9.125	G1	4044.0153	A2-11	0
A2	10	G1	3911.1567	A2-11	0.875
A3	0	G1	3911.1567	A3-1	0
A3	0.375	G1	3843.0003	A3-1	0.375
A3	0.375	G1	3843.0003	A3-2	0
A3	1.625	G1	3567.2051	A3-2	1.25
A3	1.625	G1	3567.2051	A3-3	0
A3	2.875	G1	3216.6298	A3-3	1.25
A3	2.875	G1	3216.6298	A3-4	0
A3	3.5	G1	3013.2997	A3-4	0.625
A3	3.5	G1	3013.3167	A3-5	0
A3	4.125	G1	2785.5646	A3-5	0.625
A3	4.125	G1	2785.5646	A3-6	0
A3	5.375	G1	2273.9753	A3-6	1.25
A3	5.375	G1	2273.9753	A3-7	0
A3	6.625	G1	1687.6059	A3-7	1.25
A3	6.625	G1	1687.6059	A3-8	0
A3	7.875	G1	1026.4564	A3-8	1.25
A3	7.875	G1	1026.4564	A3-9	0
A3	8.5	G1	667.8391	A3-9	0.625
A3	8.5	G1	667.8087	A3-10	0
A3	9.125	G1	284.6688	A3-10	0.625
A3	9.125	G1	284.6688	A3-11	0
A3	9.5	G1	45.8113	A3-11	0.375
A4	0	G1	45.8113	A4-1	0
A4	0.875	G1	-538.5588	A4-1	0.875
A4	0.875	G1	-538.5588	A4-2	0
A4	2.125	G1	-1439.9296	A4-2	1.25
A4	2.125	G1	-1439.9296	A4-3	0

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Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	M3 KN-m	FrameElem	ElemStation m
A4	3.375	G1	-2419.602	A4-3	1.25
A4	3.375	G1	-2419.602	A4-4	0
A4	4	G1	-2938.8013	A4-4	0.625
A4	4	G1	-2938.8801	A4-5	0
A4	4.625	G1	-3483.6856	A4-5	0.625
A4	4.625	G1	-3483.6856	A4-6	0
A4	5.875	G1	-4632.023	A4-6	1.25
A4	5.875	G1	-4632.023	A4-7	0
A4	7.125	G1	-5858.6619	A4-7	1.25
A4	7.125	G1	-5858.6619	A4-8	0
A4	7.5	G1	-6241.9224	A4-8	0.375
A5	0	G1	-6241.9224	A5-1	0
A5	0.875	G1	-7165.2736	A5-1	0.875
A5	0.875	G1	-7165.2736	A5-2	0
A5	1.5	G1	-7850.3469	A5-2	0.625
A5	1.5	G1	-7850.4748	A5-3	0
A5	2.125	G1	-8563.9841	A5-3	0.625
A5	2.125	G1	-8563.9841	A5-4	0
A5	3	G1	-9598.6485	A5-4	0.875
A5	3	G1	-9598.6485	A5-5	0
A5	3.875	G1	-10675.0228	A5-5	0.875
A5	3.875	G1	-10675.0228	A5-6	0
A5	4.5	G1	-11469.3984	A5-6	0.625
A6	0	G1	-11469.5516	A6-1	0
A6	0.625	G1	-10635.021	A6-1	0.625
A6	0.625	G1	-10635.021	A6-2	0
A6	1.5	G1	-9502.4296	A6-2	0.875
A6	1.5	G1	-9502.4296	A6-3	0
A6	2.375	G1	-8411.5482	A6-3	0.875
A6	2.375	G1	-8411.5482	A6-4	0
A6	3	G1	-7657.8839	A6-4	0.625
A6	3	G1	-7658.0371	A6-5	0
A6	3.625	G1	-6930.2979	A6-5	0.625
A6	3.625	G1	-6930.2979	A6-6	0
A6	4.5	G1	-5947.2143	A6-6	0.875
A6	4.5	G1	-5947.2143	A6-7	0
A6	5.375	G1	-5005.8408	A6-7	0.875
A6	5.375	G1	-5005.8408	A6-8	0
A6	6	G1	-4358.9678	A6-8	0.625
A6	6	G1	-4359.0958	A6-9	0
A6	6.625	G1	-3737.5752	A6-9	0.625
A6	6.625	G1	-3737.5752	A6-10	0
A6	7.5	G1	-2903.1979	A6-10	0.875
A7	0	G1	-2903.1979	A7-1	0
A7	0.375	G1	-2558.0691	A7-1	0.375
A7	0.375	G1	-2558.0691	A7-2	0
A7	1.625	G1	-1458.5356	A7-2	1.25
A7	1.625	G1	-1458.5356	A7-3	0
A7	2.875	G1	-437.3037	A7-3	1.25
A7	2.875	G1	-437.3037	A7-4	0
A7	3.5	G1	43.9491	A7-4	0.625
A7	3.5	G1	43.8703	A7-5	0
A7	4.125	G1	500.3513	A7-5	0.625

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Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	M3 KN-m	FrameElem	ElemStation m
A7	4.125	G1	500.3513	A7-6	0
A7	5.375	G1	1354.587	A7-6	1.25
A7	5.375	G1	1354.587	A7-7	0
A7	6.625	G1	2130.5211	A7-7	1.25
A7	6.625	G1	2130.5211	A7-8	0
A7	7.5	G1	2627.0856	A7-8	0.875
A8	0	G1	2627.0856	A8-1	0
A8	0.375	G1	2828.3121	A8-1	0.375
A8	0.375	G1	2828.3121	A8-2	0
A8	1	G1	3148.7336	A8-2	0.625
A8	1	G1	3148.7033	A8-3	0
A8	1.625	G1	3445.0301	A8-3	0.625
A8	1.625	G1	3445.0301	A8-4	0
A8	2.875	G1	3981.5986	A8-4	1.25
A8	2.875	G1	3981.5986	A8-5	0
A8	4.125	G1	4443.387	A8-5	1.25
A8	4.125	G1	4443.387	A8-6	0
A8	5.375	G1	4830.3952	A8-6	1.25
A8	5.375	G1	4830.3952	A8-7	0
A8	6	G1	4995.8568	A8-7	0.625
A8	6	G1	4995.8738	A8-8	0
A8	6.625	G1	5137.14	A8-8	0.625
A8	6.625	G1	5137.14	A8-9	0
A8	7.875	G1	5363.5873	A8-9	1.25
A8	7.875	G1	5363.5873	A8-10	0
A8	9.125	G1	5515.2544	A8-10	1.25
A8	9.125	G1	5515.2544	A8-11	0
A8	9.5	G1	5546.1725	A8-11	0.375
A9	0	G1	5546.1725	A9-1	0
A9	0.875	G1	5592.1415	A9-1	0.875
A9	0.875	G1	5592.1415	A9-2	0
A9	1.5	G1	5602.5424	A9-2	0.625
A9	1.5	G1	5602.5963	A9-3	0
A9	2.125	G1	5588.7734	A9-3	0.625
A9	2.125	G1	5588.7734	A9-4	0
A9	3.375	G1	5505.0425	A9-4	1.25
A9	3.375	G1	5505.0425	A9-5	0
A9	4.625	G1	5346.5315	A9-5	1.25
A9	4.625	G1	5346.5315	A9-6	0
A9	5.875	G1	5113.2404	A9-6	1.25
A9	5.875	G1	5113.2404	A9-7	0
A9	6.5	G1	4968.5523	A9-7	0.625
A9	6.5	G1	4968.6325	A9-8	0
A9	7.125	G1	4799.6244	A9-8	0.625
A9	7.125	G1	4799.6244	A9-9	0
A9	8.375	G1	4405.5233	A9-9	1.25
A9	8.375	G1	4405.5233	A9-10	0
A9	9.625	G1	3936.642	A9-10	1.25
A9	9.625	G1	3936.642	A9-11	0
A9	10	G1	3781.3955	A9-11	0.375
A10	0	G1	3781.3955	A10-1	0
A10	0.875	G1	3393.3102	A10-1	0.875
A10	0.875	G1	3393.3102	A10-2	0

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Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	M3 KN-m	FrameElem	ElemStation m
A10	1.5	G1	3094.0759	A10-2	0.625
A10	1.5	G1	3094.1723	A10-3	0
A10	2.125	G1	2770.9092	A10-3	0.625
A10	2.125	G1	2770.9092	A10-4	0
A10	3.375	G1	2069.3069	A10-4	1.25
A10	3.375	G1	2069.3069	A10-5	0
A10	4.625	G1	1294.2695	A10-5	1.25
A10	4.625	G1	1294.2695	A10-6	0
A10	5.875	G1	445.7971	A10-6	1.25
A10	5.875	G1	445.7971	A10-7	0
A10	6.5	G1	-5.9773	A10-7	0.625
A11	0	G1	-5.8748	A11-1	0
A11	0.5	G1	3.453E-12	A11-1	0.5

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
A0	0	g2	LinStatic	0	-0.026	0	-0.0733	0
A0	0.5	g2	LinStatic	0	10.724	0	-0.0733	0
A1	0	g2	LinStatic	0	-305.08	0	-0.0799	0
A1	0.625	g2	LinStatic	0	-291.642	0	-0.0799	0
A1	0.625	g2	LinStatic	0	-291.642	0	-0.0797	0
A1	1.875	g2	LinStatic	0	-264.767	0	-0.0797	0
A1	1.875	g2	LinStatic	0	-264.767	0	-0.079	0
A1	3.125	g2	LinStatic	0	-237.892	0	-0.079	0
A1	3.125	g2	LinStatic	0	-237.891	0	-0.0776	0
A1	4.375	g2	LinStatic	0	-211.016	0	-0.0776	0
A1	4.375	g2	LinStatic	0	-211.016	0	-0.0762	0
A1	5	g2	LinStatic	0	-197.578	0	-0.0762	0
A1	5	g2	LinStatic	0	-197.578	0	-0.0756	0
A1	5.625	g2	LinStatic	0	-184.141	0	-0.0756	0
A1	5.625	g2	LinStatic	0	-184.148	0	-0.0949	0
A1	6.5	g2	LinStatic	0	-165.335	0	-0.0949	0
A2	0	g2	LinStatic	0	-165.335	0	-0.0949	0
A2	0.375	g2	LinStatic	0	-157.273	0	-0.0949	0
A2	0.375	g2	LinStatic	0	-157.323	0	-0.2339	0
A2	1.625	g2	LinStatic	0	-130.448	0	-0.2339	0
A2	1.625	g2	LinStatic	0	-130.447	0	-0.2308	0
A2	2.875	g2	LinStatic	0	-103.572	0	-0.2308	0
A2	2.875	g2	LinStatic	0	-103.57	0	-0.2236	0
A2	3.5	g2	LinStatic	0	-90.132	0	-0.2236	0
A2	3.5	g2	LinStatic	0	-90.13	0	-0.2164	0
A2	4.125	g2	LinStatic	0	-76.692	0	-0.2164	0
A2	4.125	g2	LinStatic	0	-76.689	0	-0.2074	0
A2	5.375	g2	LinStatic	0	-49.814	0	-0.2074	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
A2	5.375	g2	LinStatic	0	-49.809	0	-0.1934	0
A2	6.625	g2	LinStatic	0	-22.934	0	-0.1934	0
A2	6.625	g2	LinStatic	0	-22.929	0	-0.1779	0
A2	7.875	g2	LinStatic	0	3.946	0	-0.1779	0
A2	7.875	g2	LinStatic	0	3.951	0	-0.1659	0
A2	8.5	g2	LinStatic	0	17.388	0	-0.1659	0
A2	8.5	g2	LinStatic	0	17.391	0	-0.1572	0
A2	9.125	g2	LinStatic	0	30.829	0	-0.1572	0
A2	9.125	g2	LinStatic	0	30.823	0	-0.1719	0
A2	10	g2	LinStatic	0	49.636	0	-0.1719	0
A3	0	g2	LinStatic	0	49.636	0	-0.1719	0
A3	0.375	g2	LinStatic	0	57.698	0	-0.1719	0
A3	0.375	g2	LinStatic	0	57.669	0	-0.2508	0
A3	1.625	g2	LinStatic	0	84.544	0	-0.2508	0
A3	1.625	g2	LinStatic	0	84.555	0	-0.2203	0
A3	2.875	g2	LinStatic	0	111.43	0	-0.2203	0
A3	2.875	g2	LinStatic	0	111.441	0	-0.1919	0
A3	3.5	g2	LinStatic	0	124.878	0	-0.1919	0
A3	3.5	g2	LinStatic	0	124.89	0	-0.1587	0
A3	4.125	g2	LinStatic	0	138.328	0	-0.1587	0
A3	4.125	g2	LinStatic	0	138.339	0	-0.1263	0
A3	5.375	g2	LinStatic	0	165.214	0	-0.1263	0
A3	5.375	g2	LinStatic	0	165.232	0	-0.0766	0
A3	6.625	g2	LinStatic	0	192.107	0	-0.0766	0
A3	6.625	g2	LinStatic	0	192.126	0	-0.0237	0
A3	7.875	g2	LinStatic	0	219.001	0	-0.0237	0
A3	7.875	g2	LinStatic	0	219.015	0	0.0144	0
A3	8.5	g2	LinStatic	0	232.453	0	0.0144	0
A3	8.5	g2	LinStatic	0	232.466	0	0.0516	0
A3	9.125	g2	LinStatic	0	245.904	0	0.0516	0
A3	9.125	g2	LinStatic	0	245.906	0	0.0595	0
A3	9.5	g2	LinStatic	0	253.969	0	0.0595	0
A4	0	g2	LinStatic	0	253.969	0	0.0595	0
A4	0.875	g2	LinStatic	0	272.781	0	0.0595	0
A4	0.875	g2	LinStatic	0	272.791	0	0.0862	0
A4	2.125	g2	LinStatic	0	299.666	0	0.0862	0
A4	2.125	g2	LinStatic	0	299.679	0	0.1235	0
A4	3.375	g2	LinStatic	0	326.554	0	0.1235	0
A4	3.375	g2	LinStatic	0	326.565	0	0.1516	0
A4	4	g2	LinStatic	0	340.002	0	0.1516	0
A4	4	g2	LinStatic	0	340.011	0	0.1772	0
A4	4.625	g2	LinStatic	0	353.449	0	0.1772	0
A4	4.625	g2	LinStatic	0	353.46	0	0.2079	0
A4	5.875	g2	LinStatic	0	380.335	0	0.2079	0
A4	5.875	g2	LinStatic	0	380.354	0	0.2604	0
A4	7.125	g2	LinStatic	0	407.229	0	0.2604	0
A4	7.125	g2	LinStatic	0	407.317	0	0.502	0
A4	7.5	g2	LinStatic	0	415.379	0	0.502	0
A5	0	g2	LinStatic	0	415.379	0	0.502	0
A5	0.875	g2	LinStatic	0	434.192	0	0.502	0
A5	0.875	g2	LinStatic	0	434.281	0	0.7458	0
A5	1.5	g2	LinStatic	0	447.718	0	0.7458	0
A5	1.5	g2	LinStatic	0	447.764	0	0.8728	0

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

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
A5	2.125	g2	LinStatic	0	461.202	0	0.8728	0
A5	2.125	g2	LinStatic	0	461.23	0	0.953	0
A5	3	g2	LinStatic	0	480.042	0	0.953	0
A5	3	g2	LinStatic	0	480.068	0	1.0237	0
A5	3.875	g2	LinStatic	0	498.88	0	1.0237	0
A5	3.875	g2	LinStatic	0	498.918	0	1.1211	0
A5	4.5	g2	LinStatic	0	512.355	0	1.1211	0
A6	0	g2	LinStatic	0	-535.785	0	1.9006	0
A6	0.625	g2	LinStatic	0	-522.348	0	1.9006	0
A6	0.625	g2	LinStatic	0	-522.329	0	1.949	0
A6	1.5	g2	LinStatic	0	-503.516	0	1.949	0
A6	1.5	g2	LinStatic	0	-503.516	0	1.9488	0
A6	2.375	g2	LinStatic	0	-484.704	0	1.9488	0
A6	2.375	g2	LinStatic	0	-484.721	0	1.901	0
A6	3	g2	LinStatic	0	-471.284	0	1.901	0
A6	3	g2	LinStatic	0	-471.568	0	1.1198	0
A6	3.625	g2	LinStatic	0	-458.13	0	1.1198	0
A6	3.625	g2	LinStatic	0	-458.163	0	1.0247	0
A6	4.5	g2	LinStatic	0	-439.35	0	1.0247	0
A6	4.5	g2	LinStatic	0	-439.376	0	0.9537	0
A6	5.375	g2	LinStatic	0	-420.564	0	0.9537	0
A6	5.375	g2	LinStatic	0	-420.595	0	0.8719	0
A6	6	g2	LinStatic	0	-407.157	0	0.8719	0
A6	6	g2	LinStatic	0	-407.203	0	0.7457	0
A6	6.625	g2	LinStatic	0	-393.766	0	0.7457	0
A6	6.625	g2	LinStatic	0	-393.855	0	0.502	0
A6	7.5	g2	LinStatic	0	-375.042	0	0.502	0
A7	0	g2	LinStatic	0	-375.042	0	0.502	0
A7	0.375	g2	LinStatic	0	-366.98	0	0.502	0
A7	0.375	g2	LinStatic	0	-367.067	0	0.2605	0
A7	1.625	g2	LinStatic	0	-340.192	0	0.2605	0
A7	1.625	g2	LinStatic	0	-340.211	0	0.2079	0
A7	2.875	g2	LinStatic	0	-313.336	0	0.2079	0
A7	2.875	g2	LinStatic	0	-313.348	0	0.1771	0
A7	3.5	g2	LinStatic	0	-299.91	0	0.1771	0
A7	3.5	g2	LinStatic	0	-299.919	0	0.1516	0
A7	4.125	g2	LinStatic	0	-286.482	0	0.1516	0
A7	4.125	g2	LinStatic	0	-286.492	0	0.1235	0
A7	5.375	g2	LinStatic	0	-259.617	0	0.1235	0
A7	5.375	g2	LinStatic	0	-259.631	0	0.0862	0
A7	6.625	g2	LinStatic	0	-232.756	0	0.0862	0
A7	6.625	g2	LinStatic	0	-232.766	0	0.0594	0
A7	7.5	g2	LinStatic	0	-213.953	0	0.0594	0
A8	0	g2	LinStatic	0	-213.953	0	0.0594	0
A8	0.375	g2	LinStatic	0	-205.891	0	0.0594	0
A8	0.375	g2	LinStatic	0	-205.894	0	0.0516	0
A8	1	g2	LinStatic	0	-192.456	0	0.0516	0
A8	1	g2	LinStatic	0	-192.47	0	0.0145	0
A8	1.625	g2	LinStatic	0	-179.032	0	0.0145	0
A8	1.625	g2	LinStatic	0	-179.046	0	-0.0237	0
A8	2.875	g2	LinStatic	0	-152.171	0	-0.0237	0
A8	2.875	g2	LinStatic	0	-152.191	0	-0.0766	0
A8	4.125	g2	LinStatic	0	-125.316	0	-0.0766	0

AUTOSTRADA VALDASTICO A31 NORD
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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
A8	4.125	g2	LinStatic	0	-125.334	0	-0.1264	0
A8	5.375	g2	LinStatic	0	-98.459	0	-0.1264	0
A8	5.375	g2	LinStatic	0	-98.471	0	-0.1588	0
A8	6	g2	LinStatic	0	-85.033	0	-0.1588	0
A8	6	g2	LinStatic	0	-85.045	0	-0.1918	0
A8	6.625	g2	LinStatic	0	-71.608	0	-0.1918	0
A8	6.625	g2	LinStatic	0	-71.618	0	-0.2202	0
A8	7.875	g2	LinStatic	0	-44.743	0	-0.2202	0
A8	7.875	g2	LinStatic	0	-44.755	0	-0.2508	0
A8	9.125	g2	LinStatic	0	-17.88	0	-0.2508	0
A8	9.125	g2	LinStatic	0	-17.851	0	-0.1719	0
A8	9.5	g2	LinStatic	0	-9.788	0	-0.1719	0
A9	0	g2	LinStatic	0	-9.788	0	-0.1719	0
A9	0.875	g2	LinStatic	0	9.024	0	-0.1719	0
A9	0.875	g2	LinStatic	0	9.029	0	-0.1573	0
A9	1.5	g2	LinStatic	0	22.467	0	-0.1573	0
A9	1.5	g2	LinStatic	0	22.464	0	-0.1659	0
A9	2.125	g2	LinStatic	0	35.901	0	-0.1659	0
A9	2.125	g2	LinStatic	0	35.897	0	-0.1779	0
A9	3.375	g2	LinStatic	0	62.772	0	-0.1779	0
A9	3.375	g2	LinStatic	0	62.766	0	-0.1934	0
A9	4.625	g2	LinStatic	0	89.641	0	-0.1934	0
A9	4.625	g2	LinStatic	0	89.636	0	-0.2074	0
A9	5.875	g2	LinStatic	0	116.511	0	-0.2074	0
A9	5.875	g2	LinStatic	0	116.507	0	-0.2164	0
A9	6.5	g2	LinStatic	0	129.945	0	-0.2164	0
A9	6.5	g2	LinStatic	0	129.942	0	-0.2236	0
A9	7.125	g2	LinStatic	0	143.38	0	-0.2236	0
A9	7.125	g2	LinStatic	0	143.377	0	-0.2308	0
A9	8.375	g2	LinStatic	0	170.252	0	-0.2308	0
A9	8.375	g2	LinStatic	0	170.251	0	-0.234	0
A9	9.625	g2	LinStatic	0	197.126	0	-0.234	0
A9	9.625	g2	LinStatic	0	197.176	0	-0.0949	0
A9	10	g2	LinStatic	0	205.239	0	-0.0949	0
A10	0	g2	LinStatic	0	205.239	0	-0.0949	0
A10	0.875	g2	LinStatic	0	224.051	0	-0.0949	0
A10	0.875	g2	LinStatic	0	224.058	0	-0.0756	0
A10	1.5	g2	LinStatic	0	237.496	0	-0.0756	0
A10	1.5	g2	LinStatic	0	237.495	0	-0.0762	0
A10	2.125	g2	LinStatic	0	250.933	0	-0.0762	0
A10	2.125	g2	LinStatic	0	250.932	0	-0.0776	0
A10	3.375	g2	LinStatic	0	277.807	0	-0.0776	0
A10	3.375	g2	LinStatic	0	277.807	0	-0.079	0
A10	4.625	g2	LinStatic	0	304.682	0	-0.079	0
A10	4.625	g2	LinStatic	0	304.681	0	-0.0797	0
A10	5.875	g2	LinStatic	0	331.556	0	-0.0797	0
A10	5.875	g2	LinStatic	0	331.557	0	-0.0799	0
A10	6.5	g2	LinStatic	0	344.994	0	-0.0799	0
A11	0	g2	LinStatic	0	-10.778	0	-0.0734	0
A11	0.5	g2	LinStatic	0	-0.028	0	-0.0734	0

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1° LOTTO – Piovene Rocchette – Valle dell’Astico

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
A0	0	g2	5.8754	A0-1	0
A0	0.5	g2	3.2008	A0-1	0.5
A1	0	g2	3.2135	A1-1	0
A1	0.625	g2	189.6892	A1-1	0.625
A1	0.625	g2	195.5708	A1-2	0
A1	1.875	g2	543.3263	A1-2	1.25
A1	1.875	g2	549.1747	A1-3	0
A1	3.125	g2	863.3363	A1-3	1.25
A1	3.125	g2	869.1027	A1-4	0
A1	4.375	g2	1149.6701	A1-4	1.25
A1	4.375	g2	1155.3059	A1-5	0
A1	5	g2	1282.9916	A1-5	0.625
A1	5	g2	1283.0036	A1-6	0
A1	5.625	g2	1402.2908	A1-6	0.625
A1	5.625	g2	1407.747	A1-7	0
A1	6.5	g2	1560.6459	A1-7	0.875
A2	0	g2	1560.6459	A2-1	0
A2	0.375	g2	1621.135	A2-1	0.375
A2	0.375	g2	1626.3841	A2-2	0
A2	1.625	g2	1806.2415	A2-2	1.25
A2	1.625	g2	1811.2928	A2-3	0
A2	2.875	g2	1957.5552	A2-3	1.25
A2	2.875	g2	1962.3728	A2-4	0
A2	3.5	g2	2022.9047	A2-4	0.625
A2	3.5	g2	2022.9149	A2-5	0
A2	4.125	g2	2075.0468	A2-5	0.625
A2	4.125	g2	2079.5946	A2-6	0
A2	5.375	g2	2158.6591	A2-6	1.25
A2	5.375	g2	2162.9006	A2-7	0
A2	6.625	g2	2208.3652	A2-7	1.25
A2	6.625	g2	2212.2631	A2-8	0
A2	7.875	g2	2224.1271	A2-8	1.25
A2	7.875	g2	2227.6437	A2-9	0
A2	8.5	g2	2220.9753	A2-9	0.625
A2	8.5	g2	2220.9825	A2-10	0
A2	9.125	g2	2205.9137	A2-10	0.625
A2	9.125	g2	2209.0105	A2-11	0
A2	10	g2	2173.8097	A2-11	0.875
A3	0	g2	2173.8097	A3-1	0
A3	0.375	g2	2153.6846	A3-1	0.375
A3	0.375	g2	2156.3407	A3-2	0
A3	1.625	g2	2067.457	A3-2	1.25
A3	1.625	g2	2069.6784	A3-3	0
A3	2.875	g2	1947.1873	A3-3	1.25
A3	2.875	g2	1948.9387	A3-4	0
A3	3.5	g2	1875.0891	A3-4	0.625
A3	3.5	g2	1875.0923	A3-5	0
A3	4.125	g2	1792.8368	A3-5	0.625
A3	4.125	g2	1794.0817	A3-6	0
A3	5.375	g2	1604.3607	A3-6	1.25
A3	5.375	g2	1605.0622	A3-7	0

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

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	M3 KN-m	FrameElem	ElemStation m
A3	6.625	g2	1381.7251	A3-7	1.25
A3	6.625	g2	1381.8451	A3-8	0
A3	7.875	g2	1124.8903	A3-8	1.25
A3	7.875	g2	1124.3899	A3-9	0
A3	8.5	g2	983.3062	A3-9	0.625
A3	8.5	g2	983.3045	A3-10	0
A3	9.125	g2	833.8139	A3-10	0.625
A3	9.125	g2	832.6533	A3-11	0
A3	9.5	g2	738.9267	A3-11	0.375
A4	0	g2	738.9267	A4-1	0
A4	0.875	g2	508.4734	A4-1	0.875
A4	0.875	g2	506.538	A4-2	0
A4	2.125	g2	148.7524	A4-2	1.25
A4	2.125	g2	145.9631	A4-3	0
A4	3.375	g2	-245.4331	A4-3	1.25
A4	3.375	g2	-249.1264	A4-4	0
A4	4	g2	-457.4285	A4-4	0.625
A4	4	g2	-457.4375	A4-5	0
A4	4.625	g2	-674.1438	A4-5	0.625
A4	4.625	g2	-678.7928	A4-6	0
A4	5.875	g2	-1137.4146	A4-6	1.25
A4	5.875	g2	-1143.0729	A4-7	0
A4	7.125	g2	-1635.3121	A4-7	1.25
A4	7.125	g2	-1642.0347	A4-8	0
A4	7.5	g2	-1796.2903	A4-8	0.375
A5	0	g2	-1796.2903	A5-1	0
A5	0.875	g2	-2167.9779	A5-1	0.875
A5	0.875	g2	-2175.9093	A5-2	0
A5	1.5	g2	-2451.534	A5-2	0.625
A5	1.5	g2	-2451.5526	A5-3	0
A5	2.125	g2	-2735.6044	A5-3	0.625
A5	2.125	g2	-2744.8484	A5-4	0
A5	3	g2	-3156.6548	A5-4	0.875
A5	3	g2	-3159.6283	A5-5	0
A5	3.875	g2	-3587.918	A5-5	0.875
A5	3.875	g2	-3599.1138	A5-6	0
A5	4.5	g2	-3915.1367	A5-6	0.625
A6	0	g2	-3915.1625	A6-1	0
A6	0.625	g2	-3584.4959	A6-1	0.625
A6	0.625	g2	-3597.0072	A6-2	0
A6	1.5	g2	-3148.2	A6-2	0.875
A6	1.5	g2	-3151.9309	A6-3	0
A6	2.375	g2	-2719.5846	A6-3	0.875
A6	2.375	g2	-2732.0949	A6-4	0
A6	3	g2	-2433.3434	A6-4	0.625
A6	3	g2	-2433.3692	A6-5	0
A6	3.625	g2	-2142.8386	A6-5	0.625
A6	3.625	g2	-2154.0307	A6-6	0
A6	4.5	g2	-1761.3686	A6-6	0.875
A6	4.5	g2	-1764.3368	A6-7	0
A6	5.375	g2	-1388.1129	A6-7	0.875
A6	5.375	g2	-1397.3525	A6-8	0
A6	6	g2	-1138.6799	A6-8	0.625

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

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	M3 KN-m	FrameElem	ElemStation m
A6	6	g2	-1138.6985	A6-9	0
A6	6.625	g2	-888.3956	A6-9	0.625
A6	6.625	g2	-896.3235	A6-10	0
A6	7.5	g2	-559.9312	A6-10	0.875
A7	0	g2	-559.9312	A7-1	0
A7	0.375	g2	-420.8022	A7-1	0.375
A7	0.375	g2	-427.5208	A7-2	0
A7	1.625	g2	14.5162	A7-2	1.25
A7	1.625	g2	8.8621	A7-3	0
A7	2.875	g2	417.3294	A7-3	1.25
A7	2.875	g2	412.6842	A7-4	0
A7	3.5	g2	604.3273	A7-4	0.625
A7	3.5	g2	604.3183	A7-5	0
A7	4.125	g2	787.5688	A7-5	0.625
A7	4.125	g2	783.879	A7-6	0
A7	5.375	g2	1125.1975	A7-6	1.25
A7	5.375	g2	1122.4115	A7-7	0
A7	6.625	g2	1430.1533	A7-7	1.25
A7	6.625	g2	1428.2209	A7-8	0
A7	7.5	g2	1623.6605	A7-8	0.875
A8	0	g2	1623.6605	A8-1	0
A8	0.375	g2	1702.3813	A8-1	0.375
A8	0.375	g2	1701.2234	A8-2	0
A8	1	g2	1825.7078	A8-2	0.625
A8	1	g2	1825.706	A8-3	0
A8	1.625	g2	1941.8004	A8-3	0.625
A8	1.625	g2	1941.3026	A8-4	0
A8	2.875	g2	2148.3135	A8-4	1.25
A8	2.875	g2	2148.4357	A8-5	0
A8	4.125	g2	2321.8771	A8-5	1.25
A8	4.125	g2	2322.5805	A8-6	0
A8	5.375	g2	2462.4509	A8-6	1.25
A8	5.375	g2	2463.6974	A8-7	0
A8	6	g2	2521.0424	A8-7	0.625
A8	6	g2	2521.0457	A8-8	0
A8	6.625	g2	2569.9998	A8-8	0.625
A8	6.625	g2	2571.7523	A8-9	0
A8	7.875	g2	2644.4783	A8-9	1.25
A8	7.875	g2	2646.7006	A8-10	0
A8	9.125	g2	2685.8469	A8-10	1.25
A8	9.125	g2	2688.5034	A8-11	0
A8	9.5	g2	2693.6858	A8-11	0.375
A9	0	g2	2693.6858	A9-1	0
A9	0.875	g2	2694.0203	A9-1	0.875
A9	0.875	g2	2697.1172	A9-2	0
A9	1.5	g2	2687.2747	A9-2	0.625
A9	1.5	g2	2687.2819	A9-3	0
A9	2.125	g2	2669.0429	A9-3	0.625
A9	2.125	g2	2672.5594	A9-4	0
A9	3.375	g2	2610.8918	A9-4	1.25
A9	3.375	g2	2614.7892	A9-5	0
A9	4.625	g2	2519.5351	A9-5	1.25
A9	4.625	g2	2523.7758	A9-6	0

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

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	M3 KN-m	FrameElem	ElemStation m
A9	5.875	g2	2394.9344	A9-6	1.25
A9	5.875	g2	2399.4811	A9-7	0
A9	6.5	g2	2322.4649	A9-7	0.625
A9	6.5	g2	2322.475	A9-8	0
A9	7.125	g2	2237.062	A9-8	0.625
A9	7.125	g2	2241.8782	A9-9	0
A9	8.375	g2	2045.8603	A9-9	1.25
A9	8.375	g2	2050.9098	A9-10	0
A9	9.625	g2	1821.2997	A9-10	1.25
A9	9.625	g2	1826.547	A9-11	0
A9	10	g2	1751.0942	A9-11	0.375
A10	0	g2	1751.0942	A10-1	0
A10	0.875	g2	1563.2799	A10-1	0.875
A10	0.875	g2	1568.7342	A10-2	0
A10	1.5	g2	1424.4987	A10-2	0.625
A10	1.5	g2	1424.5107	A10-3	0
A10	2.125	g2	1271.8769	A10-3	0.625
A10	2.125	g2	1277.5105	A10-4	0
A10	3.375	g2	947.0483	A10-4	1.25
A10	3.375	g2	952.8123	A10-5	0
A10	4.625	g2	588.7571	A10-5	1.25
A10	4.625	g2	594.6028	A10-6	0
A10	5.875	g2	196.9543	A10-6	1.25
A10	5.875	g2	202.8336	A10-7	0
A10	6.5	g2	-8.5884	A10-7	0.625
A11	0	g2	-8.5757	A11-1	0
A11	0.5	g2	-5.8744	A11-1	0.5

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
A0	0	Mov_01	LinMoving	Max P	0	0	0	0
A0	0.5	Mov_01	LinMoving	Max P	0	0	0	0
A0	0	Mov_01	LinMoving	Min P	0	0	0	0
A0	0.5	Mov_01	LinMoving	Min P	0	0	0	0
A0	0	Mov_01	LinMoving	Max V2	0	290.267	0	20.7534
A0	0.5	Mov_01	LinMoving	Max V2	0	290.267	0	20.7534
A0	0	Mov_01	LinMoving	Min V2	0	-0.065	0	-0.1786
A0	0.5	Mov_01	LinMoving	Min V2	0	-0.065	0	-0.1786
A0	0	Mov_01	LinMoving	Max V3	0	0	0	0
A0	0.5	Mov_01	LinMoving	Max V3	0	0	0	0
A0	0	Mov_01	LinMoving	Min V3	0	0	0	0
A0	0.5	Mov_01	LinMoving	Min V3	0	0	0	0
A0	0	Mov_01	LinMoving	Max T	0	290.172	0	20.9233
A0	0.5	Mov_01	LinMoving	Max T	0	290.172	0	20.9233

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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
A0	0	Mov_01	LinMoving	Min T	0	0.001937	0	-0.2898
A0	0.5	Mov_01	LinMoving	Min T	0	0.001937	0	-0.2898
A0	0	Mov_01	LinMoving	Max M2	0	0	0	0
A0	0.5	Mov_01	LinMoving	Max M2	0	0	0	0
A0	0	Mov_01	LinMoving	Min M2	0	0	0	0
A0	0.5	Mov_01	LinMoving	Min M2	0	0	0	0
A0	0	Mov_01	LinMoving	Max M3	0	208.67	0	12.1417
A0	0.5	Mov_01	LinMoving	Max M3	0	-0.061	0	-0.2788
A0	0	Mov_01	LinMoving	Min M3	0	0.16	0	0.3407
A0	0.5	Mov_01	LinMoving	Min M3	0	290.233	0	20.8716
A1	0	Mov_01	LinMoving	Max P	0	0	0	0
A1	0.625	Mov_01	LinMoving	Max P	0	0	0	0
A1	0.625	Mov_01	LinMoving	Max P	0	0	0	0
A1	1.875	Mov_01	LinMoving	Max P	0	0	0	0
A1	1.875	Mov_01	LinMoving	Max P	0	0	0	0
A1	3.125	Mov_01	LinMoving	Max P	0	0	0	0
A1	3.125	Mov_01	LinMoving	Max P	0	0	0	0
A1	4.375	Mov_01	LinMoving	Max P	0	0	0	0
A1	4.375	Mov_01	LinMoving	Max P	0	0	0	0
A1	5	Mov_01	LinMoving	Max P	0	0	0	0
A1	5	Mov_01	LinMoving	Max P	0	0	0	0
A1	5.625	Mov_01	LinMoving	Max P	0	0	0	0
A1	5.625	Mov_01	LinMoving	Max P	0	0	0	0
A1	6.5	Mov_01	LinMoving	Max P	0	0	0	0
A1	0	Mov_01	LinMoving	Min P	0	0	0	0
A1	0.625	Mov_01	LinMoving	Min P	0	0	0	0
A1	0.625	Mov_01	LinMoving	Min P	0	0	0	0
A1	1.875	Mov_01	LinMoving	Min P	0	0	0	0
A1	1.875	Mov_01	LinMoving	Min P	0	0	0	0
A1	3.125	Mov_01	LinMoving	Min P	0	0	0	0
A1	3.125	Mov_01	LinMoving	Min P	0	0	0	0
A1	4.375	Mov_01	LinMoving	Min P	0	0	0	0
A1	4.375	Mov_01	LinMoving	Min P	0	0	0	0
A1	5	Mov_01	LinMoving	Min P	0	0	0	0
A1	5	Mov_01	LinMoving	Min P	0	0	0	0
A1	5.625	Mov_01	LinMoving	Min P	0	0	0	0
A1	5.625	Mov_01	LinMoving	Min P	0	0	0	0
A1	6.5	Mov_01	LinMoving	Min P	0	0	0	0
A1	0	Mov_01	LinMoving	Max V2	0	125.139	0	-0.0665
A1	0.625	Mov_01	LinMoving	Max V2	0	125.139	0	-0.0665
A1	0.625	Mov_01	LinMoving	Max V2	0	125.306	0	0.2261
A1	1.875	Mov_01	LinMoving	Max V2	0	125.306	0	0.2261
A1	1.875	Mov_01	LinMoving	Max V2	0	126.561	0	0.3883
A1	3.125	Mov_01	LinMoving	Max V2	0	126.561	0	0.3883
A1	3.125	Mov_01	LinMoving	Max V2	0	129.061	0	0.4359
A1	4.375	Mov_01	LinMoving	Max V2	0	129.061	0	0.4359
A1	4.375	Mov_01	LinMoving	Max V2	0	142.461	0	17.7583
A1	5	Mov_01	LinMoving	Max V2	0	142.461	0	17.7583
A1	5	Mov_01	LinMoving	Max V2	0	142.204	0	0.0309
A1	5.625	Mov_01	LinMoving	Max V2	0	142.204	0	0.0309
A1	5.625	Mov_01	LinMoving	Max V2	0	170.16	0	9.9569
A1	6.5	Mov_01	LinMoving	Max V2	0	170.16	0	9.9569
A1	0	Mov_01	LinMoving	Min V2	0	-905.342	0	-17.9941

AUTOSTRADA VALDASTICO A31 NORD
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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
A1	0.625	Mov_01	LinMoving	Min V2	0	-905.342	0	-17.9941
A1	0.625	Mov_01	LinMoving	Min V2	0	-855.507	0	-8.6437
A1	1.875	Mov_01	LinMoving	Min V2	0	-855.507	0	-8.6437
A1	1.875	Mov_01	LinMoving	Min V2	0	-805.562	0	-8.7098
A1	3.125	Mov_01	LinMoving	Min V2	0	-805.562	0	-8.7098
A1	3.125	Mov_01	LinMoving	Min V2	0	-757	0	-8.225
A1	4.375	Mov_01	LinMoving	Min V2	0	-757	0	-8.225
A1	4.375	Mov_01	LinMoving	Min V2	0	-709.71	0	0.435
A1	5	Mov_01	LinMoving	Min V2	0	-709.71	0	0.435
A1	5	Mov_01	LinMoving	Min V2	0	-709.991	0	-18.0413
A1	5.625	Mov_01	LinMoving	Min V2	0	-709.991	0	-18.0413
A1	5.625	Mov_01	LinMoving	Min V2	0	-664.091	0	-10.4758
A1	6.5	Mov_01	LinMoving	Min V2	0	-664.091	0	-10.4758
A1	0	Mov_01	LinMoving	Max V3	0	0	0	0
A1	0.625	Mov_01	LinMoving	Max V3	0	0	0	0
A1	0.625	Mov_01	LinMoving	Max V3	0	0	0	0
A1	1.875	Mov_01	LinMoving	Max V3	0	0	0	0
A1	1.875	Mov_01	LinMoving	Max V3	0	0	0	0
A1	3.125	Mov_01	LinMoving	Max V3	0	0	0	0
A1	3.125	Mov_01	LinMoving	Max V3	0	0	0	0
A1	4.375	Mov_01	LinMoving	Max V3	0	0	0	0
A1	4.375	Mov_01	LinMoving	Max V3	0	0	0	0
A1	5	Mov_01	LinMoving	Max V3	0	0	0	0
A1	5	Mov_01	LinMoving	Max V3	0	0	0	0
A1	5.625	Mov_01	LinMoving	Max V3	0	0	0	0
A1	5.625	Mov_01	LinMoving	Max V3	0	0	0	0
A1	6.5	Mov_01	LinMoving	Max V3	0	0	0	0
A1	0	Mov_01	LinMoving	Min V3	0	0	0	0
A1	0.625	Mov_01	LinMoving	Min V3	0	0	0	0
A1	0.625	Mov_01	LinMoving	Min V3	0	0	0	0
A1	1.875	Mov_01	LinMoving	Min V3	0	0	0	0
A1	1.875	Mov_01	LinMoving	Min V3	0	0	0	0
A1	3.125	Mov_01	LinMoving	Min V3	0	0	0	0
A1	3.125	Mov_01	LinMoving	Min V3	0	0	0	0
A1	4.375	Mov_01	LinMoving	Min V3	0	0	0	0
A1	4.375	Mov_01	LinMoving	Min V3	0	0	0	0
A1	5	Mov_01	LinMoving	Min V3	0	0	0	0
A1	5	Mov_01	LinMoving	Min V3	0	0	0	0
A1	5.625	Mov_01	LinMoving	Min V3	0	0	0	0
A1	5.625	Mov_01	LinMoving	Min V3	0	0	0	0
A1	6.5	Mov_01	LinMoving	Min V3	0	0	0	0
A1	0	Mov_01	LinMoving	Max T	0	-557.866	0	0.39
A1	0.625	Mov_01	LinMoving	Max T	0	-557.866	0	0.39
A1	0.625	Mov_01	LinMoving	Max T	0	-261.969	0	8.3604
A1	1.875	Mov_01	LinMoving	Max T	0	-261.969	0	8.3604
A1	1.875	Mov_01	LinMoving	Max T	0	-221.331	0	9.1545
A1	3.125	Mov_01	LinMoving	Max T	0	-221.331	0	9.1545
A1	3.125	Mov_01	LinMoving	Max T	0	-186.637	0	9.1737
A1	4.375	Mov_01	LinMoving	Max T	0	-186.637	0	9.1737
A1	4.375	Mov_01	LinMoving	Max T	0	-199.233	0	18.6281
A1	5	Mov_01	LinMoving	Max T	0	-199.233	0	18.6281
A1	5	Mov_01	LinMoving	Max T	0	-436.263	0	0.3174
A1	5.625	Mov_01	LinMoving	Max T	0	-436.263	0	0.3174

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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
A1	5.625	Mov_01	LinMoving	Max T	0	-76.641	0	10.2179
A1	6.5	Mov_01	LinMoving	Max T	0	-76.641	0	10.2179
A1	0	Mov_01	LinMoving	Min T	0	-555.792	0	-18.223
A1	0.625	Mov_01	LinMoving	Min T	0	-555.792	0	-18.223
A1	0.625	Mov_01	LinMoving	Min T	0	-522.479	0	-9.0953
A1	1.875	Mov_01	LinMoving	Min T	0	-522.479	0	-9.0953
A1	1.875	Mov_01	LinMoving	Min T	0	-494.113	0	-9.0667
A1	3.125	Mov_01	LinMoving	Min T	0	-494.113	0	-9.0667
A1	3.125	Mov_01	LinMoving	Min T	0	-454.671	0	-8.5345
A1	4.375	Mov_01	LinMoving	Min T	0	-454.671	0	-8.5345
A1	4.375	Mov_01	LinMoving	Min T	0	44.669	0	-0.2857
A1	5	Mov_01	LinMoving	Min T	0	44.669	0	-0.2857
A1	5	Mov_01	LinMoving	Min T	0	-414.063	0	-18.4972
A1	5.625	Mov_01	LinMoving	Min T	0	-414.063	0	-18.4972
A1	5.625	Mov_01	LinMoving	Min T	0	-417.204	0	-10.7367
A1	6.5	Mov_01	LinMoving	Min T	0	-417.204	0	-10.7367
A1	0	Mov_01	LinMoving	Max M2	0	0	0	0
A1	0.625	Mov_01	LinMoving	Max M2	0	0	0	0
A1	0.625	Mov_01	LinMoving	Max M2	0	0	0	0
A1	1.875	Mov_01	LinMoving	Max M2	0	0	0	0
A1	1.875	Mov_01	LinMoving	Max M2	0	0	0	0
A1	3.125	Mov_01	LinMoving	Max M2	0	0	0	0
A1	3.125	Mov_01	LinMoving	Max M2	0	0	0	0
A1	4.375	Mov_01	LinMoving	Max M2	0	0	0	0
A1	4.375	Mov_01	LinMoving	Max M2	0	0	0	0
A1	5	Mov_01	LinMoving	Max M2	0	0	0	0
A1	5	Mov_01	LinMoving	Max M2	0	0	0	0
A1	5.625	Mov_01	LinMoving	Max M2	0	0	0	0
A1	5.625	Mov_01	LinMoving	Max M2	0	0	0	0
A1	6.5	Mov_01	LinMoving	Max M2	0	0	0	0
A1	0	Mov_01	LinMoving	Min M2	0	0	0	0
A1	0.625	Mov_01	LinMoving	Min M2	0	0	0	0
A1	0.625	Mov_01	LinMoving	Min M2	0	0	0	0
A1	1.875	Mov_01	LinMoving	Min M2	0	0	0	0
A1	1.875	Mov_01	LinMoving	Min M2	0	0	0	0
A1	3.125	Mov_01	LinMoving	Min M2	0	0	0	0
A1	3.125	Mov_01	LinMoving	Min M2	0	0	0	0
A1	4.375	Mov_01	LinMoving	Min M2	0	0	0	0
A1	4.375	Mov_01	LinMoving	Min M2	0	0	0	0
A1	5	Mov_01	LinMoving	Min M2	0	0	0	0
A1	5	Mov_01	LinMoving	Min M2	0	0	0	0
A1	5.625	Mov_01	LinMoving	Min M2	0	0	0	0
A1	5.625	Mov_01	LinMoving	Min M2	0	0	0	0
A1	6.5	Mov_01	LinMoving	Min M2	0	0	0	0
A1	0	Mov_01	LinMoving	Max M3	0	36.812	0	-0.4475
A1	0.625	Mov_01	LinMoving	Max M3	0	-903.908	0	-17.5664
A1	0.625	Mov_01	LinMoving	Max M3	0	-653.157	0	-2.589
A1	1.875	Mov_01	LinMoving	Max M3	0	-855.23	0	-8.4025
A1	1.875	Mov_01	LinMoving	Max M3	0	-601.951	0	-2.2697
A1	3.125	Mov_01	LinMoving	Max M3	0	-804.032	0	-8.2581
A1	3.125	Mov_01	LinMoving	Max M3	0	-550.802	0	-1.903
A1	4.375	Mov_01	LinMoving	Max M3	0	-752.972	0	-7.726
A1	4.375	Mov_01	LinMoving	Max M3	0	-499.469	0	13.1138

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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
A1	5	Mov_01	LinMoving	Max M3	0	-670.144	0	3.2195
A1	5	Mov_01	LinMoving	Max M3	0	-670.585	0	-18.3113
A1	5.625	Mov_01	LinMoving	Max M3	0	-702.243	0	-18.0582
A1	5.625	Mov_01	LinMoving	Max M3	0	-426.549	0	-0.8757
A1	6.5	Mov_01	LinMoving	Max M3	0	-619.611	0	-8.9987
A1	0	Mov_01	LinMoving	Min M3	0	-573.09	0	-11.4377
A1	0.625	Mov_01	LinMoving	Min M3	0	59.013	0	-0.0105
A1	0.625	Mov_01	LinMoving	Min M3	0	60.237	0	0.0089
A1	1.875	Mov_01	LinMoving	Min M3	0	71.403	0	0.031
A1	1.875	Mov_01	LinMoving	Min M3	0	71.375	0	-0.0204
A1	3.125	Mov_01	LinMoving	Min M3	0	125.031	0	-0.0633
A1	3.125	Mov_01	LinMoving	Min M3	0	125.023	0	-0.063
A1	4.375	Mov_01	LinMoving	Min M3	0	125.033	0	-0.0631
A1	4.375	Mov_01	LinMoving	Min M3	0	125.028	0	-0.0612
A1	5	Mov_01	LinMoving	Min M3	0	125.032	0	-0.0613
A1	5	Mov_01	LinMoving	Min M3	0	125.033	0	-0.0601
A1	5.625	Mov_01	LinMoving	Min M3	0	125.035	0	-0.0601
A1	5.625	Mov_01	LinMoving	Min M3	0	125.027	0	-0.0702
A1	6.5	Mov_01	LinMoving	Min M3	0	125.031	0	-0.0702
A2	0	Mov_01	LinMoving	Max P	0	0	0	0
A2	0.375	Mov_01	LinMoving	Max P	0	0	0	0
A2	0.375	Mov_01	LinMoving	Max P	0	0	0	0
A2	1.625	Mov_01	LinMoving	Max P	0	0	0	0
A2	1.625	Mov_01	LinMoving	Max P	0	0	0	0
A2	2.875	Mov_01	LinMoving	Max P	0	0	0	0
A2	2.875	Mov_01	LinMoving	Max P	0	0	0	0
A2	3.5	Mov_01	LinMoving	Max P	0	0	0	0
A2	3.5	Mov_01	LinMoving	Max P	0	0	0	0
A2	4.125	Mov_01	LinMoving	Max P	0	0	0	0
A2	4.125	Mov_01	LinMoving	Max P	0	0	0	0
A2	5.375	Mov_01	LinMoving	Max P	0	0	0	0
A2	5.375	Mov_01	LinMoving	Max P	0	0	0	0
A2	6.625	Mov_01	LinMoving	Max P	0	0	0	0
A2	6.625	Mov_01	LinMoving	Max P	0	0	0	0
A2	7.875	Mov_01	LinMoving	Max P	0	0	0	0
A2	7.875	Mov_01	LinMoving	Max P	0	0	0	0
A2	8.5	Mov_01	LinMoving	Max P	0	0	0	0
A2	8.5	Mov_01	LinMoving	Max P	0	0	0	0
A2	9.125	Mov_01	LinMoving	Max P	0	0	0	0
A2	9.125	Mov_01	LinMoving	Max P	0	0	0	0
A2	10	Mov_01	LinMoving	Max P	0	0	0	0
A2	0	Mov_01	LinMoving	Min P	0	0	0	0
A2	0.375	Mov_01	LinMoving	Min P	0	0	0	0
A2	0.375	Mov_01	LinMoving	Min P	0	0	0	0
A2	1.625	Mov_01	LinMoving	Min P	0	0	0	0
A2	1.625	Mov_01	LinMoving	Min P	0	0	0	0
A2	2.875	Mov_01	LinMoving	Min P	0	0	0	0
A2	2.875	Mov_01	LinMoving	Min P	0	0	0	0
A2	3.5	Mov_01	LinMoving	Min P	0	0	0	0
A2	3.5	Mov_01	LinMoving	Min P	0	0	0	0
A2	4.125	Mov_01	LinMoving	Min P	0	0	0	0
A2	4.125	Mov_01	LinMoving	Min P	0	0	0	0
A2	5.375	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
A2	5.375	Mov_01	LinMoving	Min P	0	0	0	0
A2	6.625	Mov_01	LinMoving	Min P	0	0	0	0
A2	6.625	Mov_01	LinMoving	Min P	0	0	0	0
A2	7.875	Mov_01	LinMoving	Min P	0	0	0	0
A2	7.875	Mov_01	LinMoving	Min P	0	0	0	0
A2	8.5	Mov_01	LinMoving	Min P	0	0	0	0
A2	8.5	Mov_01	LinMoving	Min P	0	0	0	0
A2	9.125	Mov_01	LinMoving	Min P	0	0	0	0
A2	9.125	Mov_01	LinMoving	Min P	0	0	0	0
A2	10	Mov_01	LinMoving	Min P	0	0	0	0
A2	0	Mov_01	LinMoving	Max V2	0	170.16	0	9.9569
A2	0.375	Mov_01	LinMoving	Max V2	0	170.16	0	9.9569
A2	0.375	Mov_01	LinMoving	Max V2	0	199.096	0	18.8323
A2	1.625	Mov_01	LinMoving	Max V2	0	199.096	0	18.8323
A2	1.625	Mov_01	LinMoving	Max V2	0	228.93	0	18.9597
A2	2.875	Mov_01	LinMoving	Max V2	0	228.93	0	18.9597
A2	2.875	Mov_01	LinMoving	Max V2	0	260.04	0	37.5244
A2	3.5	Mov_01	LinMoving	Max V2	0	260.04	0	37.5244
A2	3.5	Mov_01	LinMoving	Max V2	0	259.462	0	0.1813
A2	4.125	Mov_01	LinMoving	Max V2	0	259.462	0	0.1813
A2	4.125	Mov_01	LinMoving	Max V2	0	291.475	0	16.5666
A2	5.375	Mov_01	LinMoving	Max V2	0	291.475	0	16.5666
A2	5.375	Mov_01	LinMoving	Max V2	0	324.079	0	18.7742
A2	6.625	Mov_01	LinMoving	Max V2	0	324.079	0	18.7742
A2	6.625	Mov_01	LinMoving	Max V2	0	357.49	0	18.9502
A2	7.875	Mov_01	LinMoving	Max V2	0	357.49	0	18.9502
A2	7.875	Mov_01	LinMoving	Max V2	0	391.958	0	37.7007
A2	8.5	Mov_01	LinMoving	Max V2	0	391.958	0	37.7007
A2	8.5	Mov_01	LinMoving	Max V2	0	391.369	0	-0.0017
A2	9.125	Mov_01	LinMoving	Max V2	0	391.369	0	-0.0017
A2	9.125	Mov_01	LinMoving	Max V2	0	426.537	0	16.5363
A2	10	Mov_01	LinMoving	Max V2	0	426.537	0	16.5363
A2	0	Mov_01	LinMoving	Min V2	0	-664.091	0	-10.4758
A2	0.375	Mov_01	LinMoving	Min V2	0	-664.091	0	-10.4758
A2	0.375	Mov_01	LinMoving	Min V2	0	-619.772	0	-18.5527
A2	1.625	Mov_01	LinMoving	Min V2	0	-619.772	0	-18.5527
A2	1.625	Mov_01	LinMoving	Min V2	0	-576.765	0	-16.4329
A2	2.875	Mov_01	LinMoving	Min V2	0	-576.765	0	-16.4329
A2	2.875	Mov_01	LinMoving	Min V2	0	-534.903	0	0.284
A2	3.5	Mov_01	LinMoving	Min V2	0	-534.903	0	0.284
A2	3.5	Mov_01	LinMoving	Min V2	0	-535.51	0	-37.864
A2	4.125	Mov_01	LinMoving	Min V2	0	-535.51	0	-37.864
A2	4.125	Mov_01	LinMoving	Min V2	0	-495.094	0	-18.936
A2	5.375	Mov_01	LinMoving	Min V2	0	-495.094	0	-18.936
A2	5.375	Mov_01	LinMoving	Min V2	0	-456.454	0	-18.7895
A2	6.625	Mov_01	LinMoving	Min V2	0	-456.454	0	-18.7895
A2	6.625	Mov_01	LinMoving	Min V2	0	-419.295	0	-16.6117
A2	7.875	Mov_01	LinMoving	Min V2	0	-419.295	0	-16.6117
A2	7.875	Mov_01	LinMoving	Min V2	0	-383.356	0	-0.0493
A2	8.5	Mov_01	LinMoving	Min V2	0	-383.356	0	-0.0493
A2	8.5	Mov_01	LinMoving	Min V2	0	-383.952	0	-37.8384
A2	9.125	Mov_01	LinMoving	Min V2	0	-383.952	0	-37.8384
A2	9.125	Mov_01	LinMoving	Min V2	0	-349.506	0	-19.0607

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

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
A2	10	Mov_01	LinMoving	Min V2	0	-349.506	0	-19.0607
A2	0	Mov_01	LinMoving	Max V3	0	0	0	0
A2	0.375	Mov_01	LinMoving	Max V3	0	0	0	0
A2	0.375	Mov_01	LinMoving	Max V3	0	0	0	0
A2	1.625	Mov_01	LinMoving	Max V3	0	0	0	0
A2	1.625	Mov_01	LinMoving	Max V3	0	0	0	0
A2	2.875	Mov_01	LinMoving	Max V3	0	0	0	0
A2	2.875	Mov_01	LinMoving	Max V3	0	0	0	0
A2	3.5	Mov_01	LinMoving	Max V3	0	0	0	0
A2	3.5	Mov_01	LinMoving	Max V3	0	0	0	0
A2	4.125	Mov_01	LinMoving	Max V3	0	0	0	0
A2	4.125	Mov_01	LinMoving	Max V3	0	0	0	0
A2	5.375	Mov_01	LinMoving	Max V3	0	0	0	0
A2	5.375	Mov_01	LinMoving	Max V3	0	0	0	0
A2	6.625	Mov_01	LinMoving	Max V3	0	0	0	0
A2	6.625	Mov_01	LinMoving	Max V3	0	0	0	0
A2	7.875	Mov_01	LinMoving	Max V3	0	0	0	0
A2	7.875	Mov_01	LinMoving	Max V3	0	0	0	0
A2	8.5	Mov_01	LinMoving	Max V3	0	0	0	0
A2	8.5	Mov_01	LinMoving	Max V3	0	0	0	0
A2	9.125	Mov_01	LinMoving	Max V3	0	0	0	0
A2	9.125	Mov_01	LinMoving	Max V3	0	0	0	0
A2	10	Mov_01	LinMoving	Max V3	0	0	0	0
A2	0	Mov_01	LinMoving	Min V3	0	0	0	0
A2	0.375	Mov_01	LinMoving	Min V3	0	0	0	0
A2	0.375	Mov_01	LinMoving	Min V3	0	0	0	0
A2	1.625	Mov_01	LinMoving	Min V3	0	0	0	0
A2	1.625	Mov_01	LinMoving	Min V3	0	0	0	0
A2	2.875	Mov_01	LinMoving	Min V3	0	0	0	0
A2	2.875	Mov_01	LinMoving	Min V3	0	0	0	0
A2	3.5	Mov_01	LinMoving	Min V3	0	0	0	0
A2	3.5	Mov_01	LinMoving	Min V3	0	0	0	0
A2	4.125	Mov_01	LinMoving	Min V3	0	0	0	0
A2	4.125	Mov_01	LinMoving	Min V3	0	0	0	0
A2	5.375	Mov_01	LinMoving	Min V3	0	0	0	0
A2	5.375	Mov_01	LinMoving	Min V3	0	0	0	0
A2	6.625	Mov_01	LinMoving	Min V3	0	0	0	0
A2	6.625	Mov_01	LinMoving	Min V3	0	0	0	0
A2	7.875	Mov_01	LinMoving	Min V3	0	0	0	0
A2	7.875	Mov_01	LinMoving	Min V3	0	0	0	0
A2	8.5	Mov_01	LinMoving	Min V3	0	0	0	0
A2	8.5	Mov_01	LinMoving	Min V3	0	0	0	0
A2	9.125	Mov_01	LinMoving	Min V3	0	0	0	0
A2	9.125	Mov_01	LinMoving	Min V3	0	0	0	0
A2	10	Mov_01	LinMoving	Min V3	0	0	0	0
A2	0	Mov_01	LinMoving	Max T	0	-76.641	0	10.2179
A2	0.375	Mov_01	LinMoving	Max T	0	-76.641	0	10.2179
A2	0.375	Mov_01	LinMoving	Max T	0	-30.753	0	19.2614
A2	1.625	Mov_01	LinMoving	Max T	0	-30.753	0	19.2614
A2	1.625	Mov_01	LinMoving	Max T	0	3.578	0	19.3463
A2	2.875	Mov_01	LinMoving	Max T	0	3.578	0	19.3463
A2	2.875	Mov_01	LinMoving	Max T	0	5.834	0	38.7462
A2	3.5	Mov_01	LinMoving	Max T	0	5.834	0	38.7462

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

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
A2	3.5	Mov_01	LinMoving	Max T	0	51.024	0	0.6041
A2	4.125	Mov_01	LinMoving	Max T	0	51.024	0	0.6041
A2	4.125	Mov_01	LinMoving	Max T	0	109.642	0	16.8198
A2	5.375	Mov_01	LinMoving	Max T	0	109.642	0	16.8198
A2	5.375	Mov_01	LinMoving	Max T	0	146.768	0	18.9875
A2	6.625	Mov_01	LinMoving	Max T	0	146.768	0	18.9875
A2	6.625	Mov_01	LinMoving	Max T	0	160.024	0	19.1333
A2	7.875	Mov_01	LinMoving	Max T	0	160.024	0	19.1333
A2	7.875	Mov_01	LinMoving	Max T	0	158.852	0	38.5621
A2	8.5	Mov_01	LinMoving	Max T	0	158.852	0	38.5621
A2	8.5	Mov_01	LinMoving	Max T	0	193.009	0	0.4148
A2	9.125	Mov_01	LinMoving	Max T	0	193.009	0	0.4148
A2	9.125	Mov_01	LinMoving	Max T	0	229.247	0	16.6639
A2	10	Mov_01	LinMoving	Max T	0	229.247	0	16.6639
A2	0	Mov_01	LinMoving	Min T	0	-417.204	0	-10.7367
A2	0.375	Mov_01	LinMoving	Min T	0	-417.204	0	-10.7367
A2	0.375	Mov_01	LinMoving	Min T	0	-389.838	0	-18.9817
A2	1.625	Mov_01	LinMoving	Min T	0	-389.838	0	-18.9817
A2	1.625	Mov_01	LinMoving	Min T	0	-351.328	0	-16.8195
A2	2.875	Mov_01	LinMoving	Min T	0	-351.328	0	-16.8195
A2	2.875	Mov_01	LinMoving	Min T	0	-169.077	0	-0.6476
A2	3.5	Mov_01	LinMoving	Min T	0	-169.077	0	-0.6476
A2	3.5	Mov_01	LinMoving	Min T	0	-307.88	0	-38.6485
A2	4.125	Mov_01	LinMoving	Min T	0	-307.88	0	-38.6485
A2	4.125	Mov_01	LinMoving	Min T	0	-313.387	0	-19.1892
A2	5.375	Mov_01	LinMoving	Min T	0	-313.387	0	-19.1892
A2	5.375	Mov_01	LinMoving	Min T	0	-287.541	0	-19.0028
A2	6.625	Mov_01	LinMoving	Min T	0	-287.541	0	-19.0028
A2	6.625	Mov_01	LinMoving	Min T	0	-221.683	0	-16.7947
A2	7.875	Mov_01	LinMoving	Min T	0	-221.683	0	-16.7947
A2	7.875	Mov_01	LinMoving	Min T	0	-74.791	0	-0.5636
A2	8.5	Mov_01	LinMoving	Min T	0	-74.791	0	-0.5636
A2	8.5	Mov_01	LinMoving	Min T	0	-153.625	0	-38.6406
A2	9.125	Mov_01	LinMoving	Min T	0	-153.625	0	-38.6406
A2	9.125	Mov_01	LinMoving	Min T	0	-151.987	0	-19.1883
A2	10	Mov_01	LinMoving	Min T	0	-151.987	0	-19.1883
A2	0	Mov_01	LinMoving	Max M2	0	0	0	0
A2	0.375	Mov_01	LinMoving	Max M2	0	0	0	0
A2	0.375	Mov_01	LinMoving	Max M2	0	0	0	0
A2	1.625	Mov_01	LinMoving	Max M2	0	0	0	0
A2	1.625	Mov_01	LinMoving	Max M2	0	0	0	0
A2	2.875	Mov_01	LinMoving	Max M2	0	0	0	0
A2	2.875	Mov_01	LinMoving	Max M2	0	0	0	0
A2	3.5	Mov_01	LinMoving	Max M2	0	0	0	0
A2	3.5	Mov_01	LinMoving	Max M2	0	0	0	0
A2	4.125	Mov_01	LinMoving	Max M2	0	0	0	0
A2	4.125	Mov_01	LinMoving	Max M2	0	0	0	0
A2	5.375	Mov_01	LinMoving	Max M2	0	0	0	0
A2	5.375	Mov_01	LinMoving	Max M2	0	0	0	0
A2	6.625	Mov_01	LinMoving	Max M2	0	0	0	0
A2	6.625	Mov_01	LinMoving	Max M2	0	0	0	0
A2	7.875	Mov_01	LinMoving	Max M2	0	0	0	0
A2	7.875	Mov_01	LinMoving	Max M2	0	0	0	0

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

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
A2	8.5	Mov_01	LinMoving	Max M2	0	0	0	0
A2	8.5	Mov_01	LinMoving	Max M2	0	0	0	0
A2	9.125	Mov_01	LinMoving	Max M2	0	0	0	0
A2	9.125	Mov_01	LinMoving	Max M2	0	0	0	0
A2	10	Mov_01	LinMoving	Max M2	0	0	0	0
A2	0	Mov_01	LinMoving	Min M2	0	0	0	0
A2	0.375	Mov_01	LinMoving	Min M2	0	0	0	0
A2	0.375	Mov_01	LinMoving	Min M2	0	0	0	0
A2	1.625	Mov_01	LinMoving	Min M2	0	0	0	0
A2	1.625	Mov_01	LinMoving	Min M2	0	0	0	0
A2	2.875	Mov_01	LinMoving	Min M2	0	0	0	0
A2	2.875	Mov_01	LinMoving	Min M2	0	0	0	0
A2	3.5	Mov_01	LinMoving	Min M2	0	0	0	0
A2	3.5	Mov_01	LinMoving	Min M2	0	0	0	0
A2	4.125	Mov_01	LinMoving	Min M2	0	0	0	0
A2	4.125	Mov_01	LinMoving	Min M2	0	0	0	0
A2	5.375	Mov_01	LinMoving	Min M2	0	0	0	0
A2	5.375	Mov_01	LinMoving	Min M2	0	0	0	0
A2	6.625	Mov_01	LinMoving	Min M2	0	0	0	0
A2	6.625	Mov_01	LinMoving	Min M2	0	0	0	0
A2	7.875	Mov_01	LinMoving	Min M2	0	0	0	0
A2	7.875	Mov_01	LinMoving	Min M2	0	0	0	0
A2	8.5	Mov_01	LinMoving	Min M2	0	0	0	0
A2	8.5	Mov_01	LinMoving	Min M2	0	0	0	0
A2	9.125	Mov_01	LinMoving	Min M2	0	0	0	0
A2	9.125	Mov_01	LinMoving	Min M2	0	0	0	0
A2	10	Mov_01	LinMoving	Min M2	0	0	0	0
A2	0	Mov_01	LinMoving	Max M3	0	-619.611	0	-8.9987
A2	0.375	Mov_01	LinMoving	Max M3	0	-619.612	0	-8.9986
A2	0.375	Mov_01	LinMoving	Max M3	0	-375.891	0	-1.0666
A2	1.625	Mov_01	LinMoving	Max M3	0	-569.055	0	-15.7713
A2	1.625	Mov_01	LinMoving	Max M3	0	-287.873	0	2.387
A2	2.875	Mov_01	LinMoving	Max M3	0	-518.687	0	-13.7403
A2	2.875	Mov_01	LinMoving	Max M3	0	-236.984	0	35.7994
A2	3.5	Mov_01	LinMoving	Max M3	0	-296.767	0	26.5108
A2	3.5	Mov_01	LinMoving	Max M3	0	-298.169	0	-36.2118
A2	4.125	Mov_01	LinMoving	Max M3	0	-469.075	0	-38.3607
A2	4.125	Mov_01	LinMoving	Max M3	0	-187.53	0	-0.3432
A2	5.375	Mov_01	LinMoving	Max M3	0	-418.795	0	-16.4105
A2	5.375	Mov_01	LinMoving	Max M3	0	-35.373	0	6.93
A2	6.625	Mov_01	LinMoving	Max M3	0	-348.586	0	-13.335
A2	6.625	Mov_01	LinMoving	Max M3	0	14.154	0	7.8976
A2	7.875	Mov_01	LinMoving	Max M3	0	-299.427	0	-11.3859
A2	7.875	Mov_01	LinMoving	Max M3	0	82.99	0	37.4767
A2	8.5	Mov_01	LinMoving	Max M3	0	-52.648	0	33.8133
A2	8.5	Mov_01	LinMoving	Max M3	0	-53.814	0	-35.6862
A2	9.125	Mov_01	LinMoving	Max M3	0	-250.943	0	-38.0368
A2	9.125	Mov_01	LinMoving	Max M3	0	131.313	0	7.4941
A2	10	Mov_01	LinMoving	Max M3	0	-51.169	0	-6.0688
A2	0	Mov_01	LinMoving	Min M3	0	125.031	0	-0.0702
A2	0.375	Mov_01	LinMoving	Min M3	0	125.032	0	-0.0702
A2	0.375	Mov_01	LinMoving	Min M3	0	125.009	0	-0.1247
A2	1.625	Mov_01	LinMoving	Min M3	0	125.013	0	-0.1248

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

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
A2	1.625	Mov_01	LinMoving	Min M3	0	125.013	0	-0.1184
A2	2.875	Mov_01	LinMoving	Min M3	0	125.016	0	-0.1184
A2	2.875	Mov_01	LinMoving	Min M3	0	125.016	0	-0.1118
A2	3.5	Mov_01	LinMoving	Min M3	0	125.018	0	-0.1119
A2	3.5	Mov_01	LinMoving	Min M3	0	125.02	0	-0.1062
A2	4.125	Mov_01	LinMoving	Min M3	0	125.02	0	-0.1064
A2	4.125	Mov_01	LinMoving	Min M3	0	125.021	0	-0.0985
A2	5.375	Mov_01	LinMoving	Min M3	0	125.023	0	-0.0986
A2	5.375	Mov_01	LinMoving	Min M3	0	125.026	0	-0.0867
A2	6.625	Mov_01	LinMoving	Min M3	0	125.028	0	-0.0868
A2	6.625	Mov_01	LinMoving	Min M3	0	125.032	0	-0.0736
A2	7.875	Mov_01	LinMoving	Min M3	0	125.034	0	-0.0736
A2	7.875	Mov_01	LinMoving	Min M3	0	125.036	0	-0.0631
A2	8.5	Mov_01	LinMoving	Min M3	0	125.037	0	-0.0631
A2	8.5	Mov_01	LinMoving	Min M3	0	125.04	0	-0.0544
A2	9.125	Mov_01	LinMoving	Min M3	0	125.041	0	-0.0544
A2	9.125	Mov_01	LinMoving	Min M3	0	125.044	0	-0.0428
A2	10	Mov_01	LinMoving	Min M3	0	125.045	0	-0.0428
A3	0	Mov_01	LinMoving	Max P	0	0	0	0
A3	0.375	Mov_01	LinMoving	Max P	0	0	0	0
A3	0.375	Mov_01	LinMoving	Max P	0	0	0	0
A3	1.625	Mov_01	LinMoving	Max P	0	0	0	0
A3	1.625	Mov_01	LinMoving	Max P	0	0	0	0
A3	2.875	Mov_01	LinMoving	Max P	0	0	0	0
A3	2.875	Mov_01	LinMoving	Max P	0	0	0	0
A3	3.5	Mov_01	LinMoving	Max P	0	0	0	0
A3	3.5	Mov_01	LinMoving	Max P	0	0	0	0
A3	4.125	Mov_01	LinMoving	Max P	0	0	0	0
A3	4.125	Mov_01	LinMoving	Max P	0	0	0	0
A3	5.375	Mov_01	LinMoving	Max P	0	0	0	0
A3	5.375	Mov_01	LinMoving	Max P	0	0	0	0
A3	6.625	Mov_01	LinMoving	Max P	0	0	0	0
A3	6.625	Mov_01	LinMoving	Max P	0	0	0	0
A3	7.875	Mov_01	LinMoving	Max P	0	0	0	0
A3	7.875	Mov_01	LinMoving	Max P	0	0	0	0
A3	8.5	Mov_01	LinMoving	Max P	0	0	0	0
A3	8.5	Mov_01	LinMoving	Max P	0	0	0	0
A3	9.125	Mov_01	LinMoving	Max P	0	0	0	0
A3	9.125	Mov_01	LinMoving	Max P	0	0	0	0
A3	9.5	Mov_01	LinMoving	Max P	0	0	0	0
A3	0	Mov_01	LinMoving	Min P	0	0	0	0
A3	0.375	Mov_01	LinMoving	Min P	0	0	0	0
A3	0.375	Mov_01	LinMoving	Min P	0	0	0	0
A3	1.625	Mov_01	LinMoving	Min P	0	0	0	0
A3	1.625	Mov_01	LinMoving	Min P	0	0	0	0
A3	2.875	Mov_01	LinMoving	Min P	0	0	0	0
A3	2.875	Mov_01	LinMoving	Min P	0	0	0	0
A3	3.5	Mov_01	LinMoving	Min P	0	0	0	0
A3	3.5	Mov_01	LinMoving	Min P	0	0	0	0
A3	4.125	Mov_01	LinMoving	Min P	0	0	0	0
A3	4.125	Mov_01	LinMoving	Min P	0	0	0	0
A3	5.375	Mov_01	LinMoving	Min P	0	0	0	0
A3	5.375	Mov_01	LinMoving	Min P	0	0	0	0

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

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
A3	6.625	Mov_01	LinMoving	Min P	0	0	0	0
A3	6.625	Mov_01	LinMoving	Min P	0	0	0	0
A3	7.875	Mov_01	LinMoving	Min P	0	0	0	0
A3	7.875	Mov_01	LinMoving	Min P	0	0	0	0
A3	8.5	Mov_01	LinMoving	Min P	0	0	0	0
A3	8.5	Mov_01	LinMoving	Min P	0	0	0	0
A3	9.125	Mov_01	LinMoving	Min P	0	0	0	0
A3	9.125	Mov_01	LinMoving	Min P	0	0	0	0
A3	9.5	Mov_01	LinMoving	Min P	0	0	0	0
A3	0	Mov_01	LinMoving	Max V2	0	426.537	0	16.5363
A3	0.375	Mov_01	LinMoving	Max V2	0	426.537	0	16.5363
A3	0.375	Mov_01	LinMoving	Max V2	0	462.076	0	18.7332
A3	1.625	Mov_01	LinMoving	Max V2	0	462.076	0	18.7332
A3	1.625	Mov_01	LinMoving	Max V2	0	498.219	0	18.9013
A3	2.875	Mov_01	LinMoving	Max V2	0	498.219	0	18.9013
A3	2.875	Mov_01	LinMoving	Max V2	0	535.236	0	37.7985
A3	3.5	Mov_01	LinMoving	Max V2	0	535.236	0	37.7985
A3	3.5	Mov_01	LinMoving	Max V2	0	534.638	0	-0.2289
A3	4.125	Mov_01	LinMoving	Max V2	0	534.638	0	-0.2289
A3	4.125	Mov_01	LinMoving	Max V2	0	572.17	0	16.4569
A3	5.375	Mov_01	LinMoving	Max V2	0	572.17	0	16.4569
A3	5.375	Mov_01	LinMoving	Max V2	0	609.882	0	18.6542
A3	6.625	Mov_01	LinMoving	Max V2	0	609.882	0	18.6542
A3	6.625	Mov_01	LinMoving	Max V2	0	647.992	0	18.8269
A3	7.875	Mov_01	LinMoving	Max V2	0	647.992	0	18.8269
A3	7.875	Mov_01	LinMoving	Max V2	0	686.745	0	37.8623
A3	8.5	Mov_01	LinMoving	Max V2	0	686.745	0	37.8623
A3	8.5	Mov_01	LinMoving	Max V2	0	686.139	0	-0.4392
A3	9.125	Mov_01	LinMoving	Max V2	0	686.139	0	-0.4392
A3	9.125	Mov_01	LinMoving	Max V2	0	725.255	0	22.864
A3	9.5	Mov_01	LinMoving	Max V2	0	725.255	0	22.864
A3	0	Mov_01	LinMoving	Min V2	0	-349.506	0	-19.0607
A3	0.375	Mov_01	LinMoving	Min V2	0	-349.506	0	-19.0607
A3	0.375	Mov_01	LinMoving	Min V2	0	-316.845	0	-18.8954
A3	1.625	Mov_01	LinMoving	Min V2	0	-316.845	0	-18.8954
A3	1.625	Mov_01	LinMoving	Min V2	0	-285.67	0	-16.6969
A3	2.875	Mov_01	LinMoving	Min V2	0	-285.67	0	-16.6969
A3	2.875	Mov_01	LinMoving	Min V2	0	-255.716	0	-0.2686
A3	3.5	Mov_01	LinMoving	Min V2	0	-255.716	0	-0.2686
A3	3.5	Mov_01	LinMoving	Min V2	0	-256.3	0	-37.7231
A3	4.125	Mov_01	LinMoving	Min V2	0	-256.3	0	-37.7231
A3	4.125	Mov_01	LinMoving	Min V2	0	-227.843	0	-19.0811
A3	5.375	Mov_01	LinMoving	Min V2	0	-227.843	0	-19.0811
A3	5.375	Mov_01	LinMoving	Min V2	0	-201.186	0	-18.8954
A3	6.625	Mov_01	LinMoving	Min V2	0	-201.186	0	-18.8954
A3	6.625	Mov_01	LinMoving	Min V2	0	-176.036	0	-16.6791
A3	7.875	Mov_01	LinMoving	Min V2	0	-176.036	0	-16.6791
A3	7.875	Mov_01	LinMoving	Min V2	0	-152.142	0	-0.37
A3	8.5	Mov_01	LinMoving	Min V2	0	-152.142	0	-0.37
A3	8.5	Mov_01	LinMoving	Min V2	0	-152.716	0	-37.4248
A3	9.125	Mov_01	LinMoving	Min V2	0	-152.716	0	-37.4248
A3	9.125	Mov_01	LinMoving	Min V2	0	-130.445	0	-26.2657
A3	9.5	Mov_01	LinMoving	Min V2	0	-130.445	0	-26.2657

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

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
A3	0	Mov_01	LinMoving	Max V3	0	0	0	0
A3	0.375	Mov_01	LinMoving	Max V3	0	0	0	0
A3	0.375	Mov_01	LinMoving	Max V3	0	0	0	0
A3	1.625	Mov_01	LinMoving	Max V3	0	0	0	0
A3	1.625	Mov_01	LinMoving	Max V3	0	0	0	0
A3	2.875	Mov_01	LinMoving	Max V3	0	0	0	0
A3	2.875	Mov_01	LinMoving	Max V3	0	0	0	0
A3	3.5	Mov_01	LinMoving	Max V3	0	0	0	0
A3	3.5	Mov_01	LinMoving	Max V3	0	0	0	0
A3	4.125	Mov_01	LinMoving	Max V3	0	0	0	0
A3	4.125	Mov_01	LinMoving	Max V3	0	0	0	0
A3	5.375	Mov_01	LinMoving	Max V3	0	0	0	0
A3	5.375	Mov_01	LinMoving	Max V3	0	0	0	0
A3	6.625	Mov_01	LinMoving	Max V3	0	0	0	0
A3	6.625	Mov_01	LinMoving	Max V3	0	0	0	0
A3	7.875	Mov_01	LinMoving	Max V3	0	0	0	0
A3	7.875	Mov_01	LinMoving	Max V3	0	0	0	0
A3	8.5	Mov_01	LinMoving	Max V3	0	0	0	0
A3	8.5	Mov_01	LinMoving	Max V3	0	0	0	0
A3	9.125	Mov_01	LinMoving	Max V3	0	0	0	0
A3	9.125	Mov_01	LinMoving	Max V3	0	0	0	0
A3	9.5	Mov_01	LinMoving	Max V3	0	0	0	0
A3	0	Mov_01	LinMoving	Min V3	0	0	0	0
A3	0.375	Mov_01	LinMoving	Min V3	0	0	0	0
A3	0.375	Mov_01	LinMoving	Min V3	0	0	0	0
A3	1.625	Mov_01	LinMoving	Min V3	0	0	0	0
A3	1.625	Mov_01	LinMoving	Min V3	0	0	0	0
A3	2.875	Mov_01	LinMoving	Min V3	0	0	0	0
A3	2.875	Mov_01	LinMoving	Min V3	0	0	0	0
A3	3.5	Mov_01	LinMoving	Min V3	0	0	0	0
A3	3.5	Mov_01	LinMoving	Min V3	0	0	0	0
A3	4.125	Mov_01	LinMoving	Min V3	0	0	0	0
A3	4.125	Mov_01	LinMoving	Min V3	0	0	0	0
A3	5.375	Mov_01	LinMoving	Min V3	0	0	0	0
A3	5.375	Mov_01	LinMoving	Min V3	0	0	0	0
A3	6.625	Mov_01	LinMoving	Min V3	0	0	0	0
A3	6.625	Mov_01	LinMoving	Min V3	0	0	0	0
A3	7.875	Mov_01	LinMoving	Min V3	0	0	0	0
A3	7.875	Mov_01	LinMoving	Min V3	0	0	0	0
A3	8.5	Mov_01	LinMoving	Min V3	0	0	0	0
A3	8.5	Mov_01	LinMoving	Min V3	0	0	0	0
A3	9.125	Mov_01	LinMoving	Min V3	0	0	0	0
A3	9.125	Mov_01	LinMoving	Min V3	0	0	0	0
A3	9.5	Mov_01	LinMoving	Min V3	0	0	0	0
A3	0	Mov_01	LinMoving	Max T	0	229.247	0	16.6639
A3	0.375	Mov_01	LinMoving	Max T	0	229.247	0	16.6639
A3	0.375	Mov_01	LinMoving	Max T	0	271.997	0	18.8501
A3	1.625	Mov_01	LinMoving	Max T	0	271.997	0	18.8501
A3	1.625	Mov_01	LinMoving	Max T	0	301.163	0	19.0096
A3	2.875	Mov_01	LinMoving	Max T	0	301.163	0	19.0096
A3	2.875	Mov_01	LinMoving	Max T	0	307.146	0	38.4524
A3	3.5	Mov_01	LinMoving	Max T	0	307.146	0	38.4524
A3	3.5	Mov_01	LinMoving	Max T	0	194.359	0	0.393

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

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
A3	4.125	Mov_01	LinMoving	Max T	0	194.359	0	0.393
A3	4.125	Mov_01	LinMoving	Max T	0	406.213	0	16.6017
A3	5.375	Mov_01	LinMoving	Max T	0	406.213	0	16.6017
A3	5.375	Mov_01	LinMoving	Max T	0	478.913	0	18.8212
A3	6.625	Mov_01	LinMoving	Max T	0	478.913	0	18.8212
A3	6.625	Mov_01	LinMoving	Max T	0	501.251	0	19.0196
A3	7.875	Mov_01	LinMoving	Max T	0	501.251	0	19.0196
A3	7.875	Mov_01	LinMoving	Max T	0	486.881	0	38.4929
A3	8.5	Mov_01	LinMoving	Max T	0	486.881	0	38.4929
A3	8.5	Mov_01	LinMoving	Max T	0	322.879	0	0.5088
A3	9.125	Mov_01	LinMoving	Max T	0	322.879	0	0.5088
A3	9.125	Mov_01	LinMoving	Max T	0	522.773	0	23.2968
A3	9.5	Mov_01	LinMoving	Max T	0	522.773	0	23.2968
A3	0	Mov_01	LinMoving	Min T	0	-151.987	0	-19.1883
A3	0.375	Mov_01	LinMoving	Min T	0	-151.987	0	-19.1883
A3	0.375	Mov_01	LinMoving	Min T	0	-126.574	0	-19.0123
A3	1.625	Mov_01	LinMoving	Min T	0	-126.574	0	-19.0123
A3	1.625	Mov_01	LinMoving	Min T	0	-88.366	0	-16.8052
A3	2.875	Mov_01	LinMoving	Min T	0	-88.366	0	-16.8052
A3	2.875	Mov_01	LinMoving	Min T	0	-60.722	0	-0.5366
A3	3.5	Mov_01	LinMoving	Min T	0	-60.722	0	-0.5366
A3	3.5	Mov_01	LinMoving	Min T	0	-24.013	0	-38.6769
A3	4.125	Mov_01	LinMoving	Min T	0	-24.013	0	-38.6769
A3	4.125	Mov_01	LinMoving	Min T	0	-83.882	0	-19.2259
A3	5.375	Mov_01	LinMoving	Min T	0	-83.882	0	-19.2259
A3	5.375	Mov_01	LinMoving	Min T	0	-71.139	0	-19.0624
A3	6.625	Mov_01	LinMoving	Min T	0	-71.139	0	-19.0624
A3	6.625	Mov_01	LinMoving	Min T	0	-29.504	0	-16.8718
A3	7.875	Mov_01	LinMoving	Min T	0	-29.504	0	-16.8718
A3	7.875	Mov_01	LinMoving	Min T	0	19.115	0	-0.6134
A3	8.5	Mov_01	LinMoving	Min T	0	19.115	0	-0.6134
A3	8.5	Mov_01	LinMoving	Min T	0	79.205	0	-38.563
A3	9.125	Mov_01	LinMoving	Min T	0	79.205	0	-38.563
A3	9.125	Mov_01	LinMoving	Min T	0	72.06	0	-26.6985
A3	9.5	Mov_01	LinMoving	Min T	0	72.06	0	-26.6985
A3	0	Mov_01	LinMoving	Max M2	0	0	0	0
A3	0.375	Mov_01	LinMoving	Max M2	0	0	0	0
A3	0.375	Mov_01	LinMoving	Max M2	0	0	0	0
A3	1.625	Mov_01	LinMoving	Max M2	0	0	0	0
A3	1.625	Mov_01	LinMoving	Max M2	0	0	0	0
A3	2.875	Mov_01	LinMoving	Max M2	0	0	0	0
A3	2.875	Mov_01	LinMoving	Max M2	0	0	0	0
A3	3.5	Mov_01	LinMoving	Max M2	0	0	0	0
A3	3.5	Mov_01	LinMoving	Max M2	0	0	0	0
A3	4.125	Mov_01	LinMoving	Max M2	0	0	0	0
A3	4.125	Mov_01	LinMoving	Max M2	0	0	0	0
A3	5.375	Mov_01	LinMoving	Max M2	0	0	0	0
A3	5.375	Mov_01	LinMoving	Max M2	0	0	0	0
A3	6.625	Mov_01	LinMoving	Max M2	0	0	0	0
A3	6.625	Mov_01	LinMoving	Max M2	0	0	0	0
A3	7.875	Mov_01	LinMoving	Max M2	0	0	0	0
A3	7.875	Mov_01	LinMoving	Max M2	0	0	0	0
A3	8.5	Mov_01	LinMoving	Max M2	0	0	0	0

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

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
A3	8.5	Mov_01	LinMoving	Max M2	0	0	0	0
A3	9.125	Mov_01	LinMoving	Max M2	0	0	0	0
A3	9.125	Mov_01	LinMoving	Max M2	0	0	0	0
A3	9.5	Mov_01	LinMoving	Max M2	0	0	0	0
A3	0	Mov_01	LinMoving	Min M2	0	0	0	0
A3	0.375	Mov_01	LinMoving	Min M2	0	0	0	0
A3	0.375	Mov_01	LinMoving	Min M2	0	0	0	0
A3	1.625	Mov_01	LinMoving	Min M2	0	0	0	0
A3	1.625	Mov_01	LinMoving	Min M2	0	0	0	0
A3	2.875	Mov_01	LinMoving	Min M2	0	0	0	0
A3	2.875	Mov_01	LinMoving	Min M2	0	0	0	0
A3	3.5	Mov_01	LinMoving	Min M2	0	0	0	0
A3	3.5	Mov_01	LinMoving	Min M2	0	0	0	0
A3	4.125	Mov_01	LinMoving	Min M2	0	0	0	0
A3	4.125	Mov_01	LinMoving	Min M2	0	0	0	0
A3	5.375	Mov_01	LinMoving	Min M2	0	0	0	0
A3	5.375	Mov_01	LinMoving	Min M2	0	0	0	0
A3	6.625	Mov_01	LinMoving	Min M2	0	0	0	0
A3	6.625	Mov_01	LinMoving	Min M2	0	0	0	0
A3	7.875	Mov_01	LinMoving	Min M2	0	0	0	0
A3	7.875	Mov_01	LinMoving	Min M2	0	0	0	0
A3	8.5	Mov_01	LinMoving	Min M2	0	0	0	0
A3	8.5	Mov_01	LinMoving	Min M2	0	0	0	0
A3	9.125	Mov_01	LinMoving	Min M2	0	0	0	0
A3	9.125	Mov_01	LinMoving	Min M2	0	0	0	0
A3	9.5	Mov_01	LinMoving	Min M2	0	0	0	0
A3	0	Mov_01	LinMoving	Max M3	0	-51.169	0	-6.0688
A3	0.375	Mov_01	LinMoving	Max M3	0	-202.349	0	-14.0755
A3	0.375	Mov_01	LinMoving	Max M3	0	255.298	0	13.3066
A3	1.625	Mov_01	LinMoving	Max M3	0	-154.445	0	-13.4811
A3	1.625	Mov_01	LinMoving	Max M3	0	303.359	0	13.9027
A3	2.875	Mov_01	LinMoving	Max M3	0	-31.21	0	-7.6658
A3	2.875	Mov_01	LinMoving	Max M3	0	351.24	0	37.8694
A3	3.5	Mov_01	LinMoving	Max M3	0	153.157	0	35.5197
A3	3.5	Mov_01	LinMoving	Max M3	0	151.993	0	-33.9753
A3	4.125	Mov_01	LinMoving	Max M3	0	15.371	0	-37.6376
A3	4.125	Mov_01	LinMoving	Max M3	0	398.127	0	11.2316
A3	5.375	Mov_01	LinMoving	Max M3	0	62.425	0	-10.3497
A3	5.375	Mov_01	LinMoving	Max M3	0	444.792	0	13.1947
A3	6.625	Mov_01	LinMoving	Max M3	0	108.46	0	-9.5308
A3	6.625	Mov_01	LinMoving	Max M3	0	490.912	0	13.8021
A3	7.875	Mov_01	LinMoving	Max M3	0	153.928	0	-7.7626
A3	7.875	Mov_01	LinMoving	Max M3	0	536.73	0	37.7812
A3	8.5	Mov_01	LinMoving	Max M3	0	365.012	0	35.661
A3	8.5	Mov_01	LinMoving	Max M3	0	364.029	0	-30.4368
A3	9.125	Mov_01	LinMoving	Max M3	0	218.032	0	-36.6633
A3	9.125	Mov_01	LinMoving	Max M3	0	581.541	0	15.8794
A3	9.5	Mov_01	LinMoving	Max M3	0	505.125	0	10.7143
A3	0	Mov_01	LinMoving	Min M3	0	125.045	0	-0.0428
A3	0.375	Mov_01	LinMoving	Min M3	0	125.046	0	-0.0428
A3	0.375	Mov_01	LinMoving	Min M3	0	125.051	0	-0.0267
A3	1.625	Mov_01	LinMoving	Min M3	0	125.052	0	-0.0267
A3	1.625	Mov_01	LinMoving	Min M3	0	125.058	0	-0.0096

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

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
A3	2.875	Mov_01	LinMoving	Min M3	0	125.059	0	-0.0096
A3	2.875	Mov_01	LinMoving	Min M3	0	125.063	0	0.004
A3	3.5	Mov_01	LinMoving	Min M3	0	125.064	0	0.004
A3	3.5	Mov_01	LinMoving	Min M3	0	125.068	0	0.0157
A3	4.125	Mov_01	LinMoving	Min M3	0	125.068	0	0.0157
A3	4.125	Mov_01	LinMoving	Min M3	0	125.073	0	0.0257
A3	5.375	Mov_01	LinMoving	Min M3	0	125.074	0	0.0257
A3	5.375	Mov_01	LinMoving	Min M3	0	125.082	0	0.05
A3	6.625	Mov_01	LinMoving	Min M3	0	125.082	0	0.0499
A3	6.625	Mov_01	LinMoving	Min M3	0	125.091	0	0.0725
A3	7.875	Mov_01	LinMoving	Min M3	0	125.091	0	0.0725
A3	7.875	Mov_01	LinMoving	Min M3	0	125.098	0	0.0889
A3	8.5	Mov_01	LinMoving	Min M3	0	125.098	0	0.0889
A3	8.5	Mov_01	LinMoving	Min M3	0	125.104	0	0.1069
A3	9.125	Mov_01	LinMoving	Min M3	0	125.104	0	0.1069
A3	9.125	Mov_01	LinMoving	Min M3	0	125.132	0	0.1823
A3	9.5	Mov_01	LinMoving	Min M3	0	125.132	0	0.1823
A4	0	Mov_01	LinMoving	Max P	0	0	0	0
A4	0.875	Mov_01	LinMoving	Max P	0	0	0	0
A4	0.875	Mov_01	LinMoving	Max P	0	0	0	0
A4	2.125	Mov_01	LinMoving	Max P	0	0	0	0
A4	2.125	Mov_01	LinMoving	Max P	0	0	0	0
A4	3.375	Mov_01	LinMoving	Max P	0	0	0	0
A4	3.375	Mov_01	LinMoving	Max P	0	0	0	0
A4	4	Mov_01	LinMoving	Max P	0	0	0	0
A4	4	Mov_01	LinMoving	Max P	0	0	0	0
A4	4.625	Mov_01	LinMoving	Max P	0	0	0	0
A4	4.625	Mov_01	LinMoving	Max P	0	0	0	0
A4	5.875	Mov_01	LinMoving	Max P	0	0	0	0
A4	5.875	Mov_01	LinMoving	Max P	0	0	0	0
A4	7.125	Mov_01	LinMoving	Max P	0	0	0	0
A4	7.125	Mov_01	LinMoving	Max P	0	0	0	0
A4	7.5	Mov_01	LinMoving	Max P	0	0	0	0
A4	0	Mov_01	LinMoving	Min P	0	0	0	0
A4	0.875	Mov_01	LinMoving	Min P	0	0	0	0
A4	0.875	Mov_01	LinMoving	Min P	0	0	0	0
A4	2.125	Mov_01	LinMoving	Min P	0	0	0	0
A4	2.125	Mov_01	LinMoving	Min P	0	0	0	0
A4	3.375	Mov_01	LinMoving	Min P	0	0	0	0
A4	3.375	Mov_01	LinMoving	Min P	0	0	0	0
A4	4	Mov_01	LinMoving	Min P	0	0	0	0
A4	4	Mov_01	LinMoving	Min P	0	0	0	0
A4	4.625	Mov_01	LinMoving	Min P	0	0	0	0
A4	4.625	Mov_01	LinMoving	Min P	0	0	0	0
A4	5.875	Mov_01	LinMoving	Min P	0	0	0	0
A4	5.875	Mov_01	LinMoving	Min P	0	0	0	0
A4	7.125	Mov_01	LinMoving	Min P	0	0	0	0
A4	7.125	Mov_01	LinMoving	Min P	0	0	0	0
A4	7.5	Mov_01	LinMoving	Min P	0	0	0	0
A4	0	Mov_01	LinMoving	Max V2	0	725.255	0	22.864
A4	0.875	Mov_01	LinMoving	Max V2	0	725.255	0	22.864
A4	0.875	Mov_01	LinMoving	Max V2	0	764.266	0	30.9997
A4	2.125	Mov_01	LinMoving	Max V2	0	764.266	0	30.9997

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

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
A4	2.125	Mov_01	LinMoving	Max V2	0	803.35	0	31.5557
A4	3.375	Mov_01	LinMoving	Max V2	0	803.35	0	31.5557
A4	3.375	Mov_01	LinMoving	Max V2	0	843.153	0	61.5855
A4	4	Mov_01	LinMoving	Max V2	0	843.153	0	61.5855
A4	4	Mov_01	LinMoving	Max V2	0	842.056	0	-0.5479
A4	4.625	Mov_01	LinMoving	Max V2	0	842.056	0	-0.5479
A4	4.625	Mov_01	LinMoving	Max V2	0	881.91	0	24.9501
A4	5.875	Mov_01	LinMoving	Max V2	0	881.91	0	24.9501
A4	5.875	Mov_01	LinMoving	Max V2	0	921.348	0	30.942
A4	7.125	Mov_01	LinMoving	Max V2	0	921.348	0	30.942
A4	7.125	Mov_01	LinMoving	Max V2	0	961.16	0	53.5833
A4	7.5	Mov_01	LinMoving	Max V2	0	961.16	0	53.5833
A4	0	Mov_01	LinMoving	Min V2	0	-130.445	0	-26.2657
A4	0.875	Mov_01	LinMoving	Min V2	0	-130.445	0	-26.2657
A4	0.875	Mov_01	LinMoving	Min V2	0	-109.863	0	-30.9607
A4	2.125	Mov_01	LinMoving	Min V2	0	-109.863	0	-30.9607
A4	2.125	Mov_01	LinMoving	Min V2	0	-90.568	0	-25.3976
A4	3.375	Mov_01	LinMoving	Min V2	0	-90.568	0	-25.3976
A4	3.375	Mov_01	LinMoving	Min V2	0	-72.266	0	-1.0849
A4	4	Mov_01	LinMoving	Min V2	0	-72.266	0	-1.0849
A4	4	Mov_01	LinMoving	Min V2	0	-73.285	0	-60.4603
A4	4.625	Mov_01	LinMoving	Min V2	0	-73.285	0	-60.4603
A4	4.625	Mov_01	LinMoving	Min V2	0	-56.341	0	-31.2699
A4	5.875	Mov_01	LinMoving	Min V2	0	-56.341	0	-31.2699
A4	5.875	Mov_01	LinMoving	Min V2	0	-41.338	0	-28.9397
A4	7.125	Mov_01	LinMoving	Min V2	0	-41.338	0	-28.9397
A4	7.125	Mov_01	LinMoving	Min V2	0	-27.934	0	-29.9761
A4	7.5	Mov_01	LinMoving	Min V2	0	-27.934	0	-29.9761
A4	0	Mov_01	LinMoving	Max V3	0	0	0	0
A4	0.875	Mov_01	LinMoving	Max V3	0	0	0	0
A4	0.875	Mov_01	LinMoving	Max V3	0	0	0	0
A4	2.125	Mov_01	LinMoving	Max V3	0	0	0	0
A4	2.125	Mov_01	LinMoving	Max V3	0	0	0	0
A4	3.375	Mov_01	LinMoving	Max V3	0	0	0	0
A4	3.375	Mov_01	LinMoving	Max V3	0	0	0	0
A4	4	Mov_01	LinMoving	Max V3	0	0	0	0
A4	4	Mov_01	LinMoving	Max V3	0	0	0	0
A4	4.625	Mov_01	LinMoving	Max V3	0	0	0	0
A4	4.625	Mov_01	LinMoving	Max V3	0	0	0	0
A4	5.875	Mov_01	LinMoving	Max V3	0	0	0	0
A4	5.875	Mov_01	LinMoving	Max V3	0	0	0	0
A4	7.125	Mov_01	LinMoving	Max V3	0	0	0	0
A4	7.125	Mov_01	LinMoving	Max V3	0	0	0	0
A4	7.5	Mov_01	LinMoving	Max V3	0	0	0	0
A4	0	Mov_01	LinMoving	Min V3	0	0	0	0
A4	0.875	Mov_01	LinMoving	Min V3	0	0	0	0
A4	0.875	Mov_01	LinMoving	Min V3	0	0	0	0
A4	2.125	Mov_01	LinMoving	Min V3	0	0	0	0
A4	2.125	Mov_01	LinMoving	Min V3	0	0	0	0
A4	3.375	Mov_01	LinMoving	Min V3	0	0	0	0
A4	3.375	Mov_01	LinMoving	Min V3	0	0	0	0
A4	4	Mov_01	LinMoving	Min V3	0	0	0	0
A4	4	Mov_01	LinMoving	Min V3	0	0	0	0

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

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
A4	4.625	Mov_01	LinMoving	Min V3	0	0	0	0
A4	4.625	Mov_01	LinMoving	Min V3	0	0	0	0
A4	5.875	Mov_01	LinMoving	Min V3	0	0	0	0
A4	5.875	Mov_01	LinMoving	Min V3	0	0	0	0
A4	7.125	Mov_01	LinMoving	Min V3	0	0	0	0
A4	7.125	Mov_01	LinMoving	Min V3	0	0	0	0
A4	7.5	Mov_01	LinMoving	Min V3	0	0	0	0
A4	0	Mov_01	LinMoving	Max T	0	522.773	0	23.2968
A4	0.875	Mov_01	LinMoving	Max T	0	522.773	0	23.2968
A4	0.875	Mov_01	LinMoving	Max T	0	557.566	0	31.5766
A4	2.125	Mov_01	LinMoving	Max T	0	557.566	0	31.5766
A4	2.125	Mov_01	LinMoving	Max T	0	580.416	0	32.1594
A4	3.375	Mov_01	LinMoving	Max T	0	580.416	0	32.1594
A4	3.375	Mov_01	LinMoving	Max T	0	578.559	0	63.4149
A4	4	Mov_01	LinMoving	Max T	0	578.559	0	63.4149
A4	4	Mov_01	LinMoving	Max T	0	372.498	0	1.5159
A4	4.625	Mov_01	LinMoving	Max T	0	372.498	0	1.5159
A4	4.625	Mov_01	LinMoving	Max T	0	596.253	0	25.8582
A4	5.875	Mov_01	LinMoving	Max T	0	596.253	0	25.8582
A4	5.875	Mov_01	LinMoving	Max T	0	631.915	0	31.8648
A4	7.125	Mov_01	LinMoving	Max T	0	631.915	0	31.8648
A4	7.125	Mov_01	LinMoving	Max T	0	653.659	0	55.9065
A4	7.5	Mov_01	LinMoving	Max T	0	653.659	0	55.9065
A4	0	Mov_01	LinMoving	Min T	0	72.06	0	-26.6985
A4	0.875	Mov_01	LinMoving	Min T	0	72.06	0	-26.6985
A4	0.875	Mov_01	LinMoving	Min T	0	96.835	0	-31.5376
A4	2.125	Mov_01	LinMoving	Min T	0	96.835	0	-31.5376
A4	2.125	Mov_01	LinMoving	Min T	0	132.417	0	-26.0013
A4	3.375	Mov_01	LinMoving	Min T	0	132.417	0	-26.0013
A4	3.375	Mov_01	LinMoving	Min T	0	163.362	0	-1.5914
A4	4	Mov_01	LinMoving	Min T	0	163.362	0	-1.5914
A4	4	Mov_01	LinMoving	Min T	0	239.053	0	-63.7309
A4	4.625	Mov_01	LinMoving	Min T	0	239.053	0	-63.7309
A4	4.625	Mov_01	LinMoving	Min T	0	229.318	0	-32.1781
A4	5.875	Mov_01	LinMoving	Min T	0	229.318	0	-32.1781
A4	5.875	Mov_01	LinMoving	Min T	0	248.097	0	-29.8625
A4	7.125	Mov_01	LinMoving	Min T	0	248.097	0	-29.8625
A4	7.125	Mov_01	LinMoving	Min T	0	279.561	0	-31.9473
A4	7.5	Mov_01	LinMoving	Min T	0	279.561	0	-31.9473
A4	0	Mov_01	LinMoving	Max M2	0	0	0	0
A4	0.875	Mov_01	LinMoving	Max M2	0	0	0	0
A4	0.875	Mov_01	LinMoving	Max M2	0	0	0	0
A4	2.125	Mov_01	LinMoving	Max M2	0	0	0	0
A4	2.125	Mov_01	LinMoving	Max M2	0	0	0	0
A4	3.375	Mov_01	LinMoving	Max M2	0	0	0	0
A4	3.375	Mov_01	LinMoving	Max M2	0	0	0	0
A4	4	Mov_01	LinMoving	Max M2	0	0	0	0
A4	4	Mov_01	LinMoving	Max M2	0	0	0	0
A4	4.625	Mov_01	LinMoving	Max M2	0	0	0	0
A4	4.625	Mov_01	LinMoving	Max M2	0	0	0	0
A4	5.875	Mov_01	LinMoving	Max M2	0	0	0	0
A4	5.875	Mov_01	LinMoving	Max M2	0	0	0	0
A4	7.125	Mov_01	LinMoving	Max M2	0	0	0	0

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

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
A4	7.125	Mov_01	LinMoving	Max M2	0	0	0	0
A4	7.5	Mov_01	LinMoving	Max M2	0	0	0	0
A4	0	Mov_01	LinMoving	Min M2	0	0	0	0
A4	0.875	Mov_01	LinMoving	Min M2	0	0	0	0
A4	0.875	Mov_01	LinMoving	Min M2	0	0	0	0
A4	2.125	Mov_01	LinMoving	Min M2	0	0	0	0
A4	2.125	Mov_01	LinMoving	Min M2	0	0	0	0
A4	3.375	Mov_01	LinMoving	Min M2	0	0	0	0
A4	3.375	Mov_01	LinMoving	Min M2	0	0	0	0
A4	4	Mov_01	LinMoving	Min M2	0	0	0	0
A4	4	Mov_01	LinMoving	Min M2	0	0	0	0
A4	4.625	Mov_01	LinMoving	Min M2	0	0	0	0
A4	4.625	Mov_01	LinMoving	Min M2	0	0	0	0
A4	5.875	Mov_01	LinMoving	Min M2	0	0	0	0
A4	5.875	Mov_01	LinMoving	Min M2	0	0	0	0
A4	7.125	Mov_01	LinMoving	Min M2	0	0	0	0
A4	7.125	Mov_01	LinMoving	Min M2	0	0	0	0
A4	7.5	Mov_01	LinMoving	Min M2	0	0	0	0
A4	0	Mov_01	LinMoving	Max M3	0	505.125	0	10.7143
A4	0.875	Mov_01	LinMoving	Max M3	0	262.392	0	-10.4754
A4	0.875	Mov_01	LinMoving	Max M3	0	647.037	0	26.3357
A4	2.125	Mov_01	LinMoving	Max M3	0	305.89	0	-11.341
A4	2.125	Mov_01	LinMoving	Max M3	0	690.801	0	27.48
A4	3.375	Mov_01	LinMoving	Max M3	0	348.95	0	-7.4188
A4	3.375	Mov_01	LinMoving	Max M3	0	734.744	0	62.6879
A4	4	Mov_01	LinMoving	Max M3	0	553.108	0	57.7166
A4	4	Mov_01	LinMoving	Max M3	0	550.719	0	-42.2065
A4	4.625	Mov_01	LinMoving	Max M3	0	343.689	0	-59.6747
A4	4.625	Mov_01	LinMoving	Max M3	0	731.499	0	20.5783
A4	5.875	Mov_01	LinMoving	Max M3	0	300.092	0	-14.2263
A4	5.875	Mov_01	LinMoving	Max M3	0	686.628	0	26.8239
A4	7.125	Mov_01	LinMoving	Max M3	0	239.699	0	-13.1873
A4	7.125	Mov_01	LinMoving	Max M3	0	624.79	0	45.3991
A4	7.5	Mov_01	LinMoving	Max M3	0	523.639	0	37.3961
A4	0	Mov_01	LinMoving	Min M3	0	125.132	0	0.1823
A4	0.875	Mov_01	LinMoving	Min M3	0	125.133	0	0.1823
A4	0.875	Mov_01	LinMoving	Min M3	0	125.165	0	0.2711
A4	2.125	Mov_01	LinMoving	Min M3	0	125.167	0	0.2711
A4	2.125	Mov_01	LinMoving	Min M3	0	125.184	0	0.3189
A4	3.375	Mov_01	LinMoving	Min M3	0	125.195	0	0.3189
A4	3.375	Mov_01	LinMoving	Min M3	0	125.206	0	0.353
A4	4	Mov_01	LinMoving	Min M3	0	132.183	0	0.3358
A4	4	Mov_01	LinMoving	Min M3	0	132.191	0	0.3675
A4	4.625	Mov_01	LinMoving	Min M3	0	172.339	0	0.2739
A4	4.625	Mov_01	LinMoving	Min M3	0	170.13	0	0.3232
A4	5.875	Mov_01	LinMoving	Min M3	0	258.161	0	0.2108
A4	5.875	Mov_01	LinMoving	Min M3	0	256.904	0	0.2935
A4	7.125	Mov_01	LinMoving	Min M3	0	339.927	0	0.2073
A4	7.125	Mov_01	LinMoving	Min M3	0	339.157	0	0.5332
A4	7.5	Mov_01	LinMoving	Min M3	0	362.774	0	0.4957
A5	0	Mov_01	LinMoving	Max P	0	0	0	0
A5	0.875	Mov_01	LinMoving	Max P	0	0	0	0
A5	0.875	Mov_01	LinMoving	Max P	0	0	0	0

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

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
A5	1.5	Mov_01	LinMoving	Max P	0	0	0	0
A5	1.5	Mov_01	LinMoving	Max P	0	0	0	0
A5	2.125	Mov_01	LinMoving	Max P	0	0	0	0
A5	2.125	Mov_01	LinMoving	Max P	0	0	0	0
A5	3	Mov_01	LinMoving	Max P	0	0	0	0
A5	3	Mov_01	LinMoving	Max P	0	0	0	0
A5	3.875	Mov_01	LinMoving	Max P	0	0	0	0
A5	3.875	Mov_01	LinMoving	Max P	0	0	0	0
A5	4.5	Mov_01	LinMoving	Max P	0	0	0	0
A5	0	Mov_01	LinMoving	Min P	0	0	0	0
A5	0.875	Mov_01	LinMoving	Min P	0	0	0	0
A5	0.875	Mov_01	LinMoving	Min P	0	0	0	0
A5	1.5	Mov_01	LinMoving	Min P	0	0	0	0
A5	1.5	Mov_01	LinMoving	Min P	0	0	0	0
A5	2.125	Mov_01	LinMoving	Min P	0	0	0	0
A5	2.125	Mov_01	LinMoving	Min P	0	0	0	0
A5	3	Mov_01	LinMoving	Min P	0	0	0	0
A5	3	Mov_01	LinMoving	Min P	0	0	0	0
A5	3.875	Mov_01	LinMoving	Min P	0	0	0	0
A5	3.875	Mov_01	LinMoving	Min P	0	0	0	0
A5	4.5	Mov_01	LinMoving	Min P	0	0	0	0
A5	0	Mov_01	LinMoving	Max V2	0	961.16	0	53.5833
A5	0.875	Mov_01	LinMoving	Max V2	0	961.16	0	53.5833
A5	0.875	Mov_01	LinMoving	Max V2	0	1004.682	0	112.1354
A5	1.5	Mov_01	LinMoving	Max V2	0	1004.682	0	112.1354
A5	1.5	Mov_01	LinMoving	Max V2	0	999.559	0	1.2752
A5	2.125	Mov_01	LinMoving	Max V2	0	999.559	0	1.2752
A5	2.125	Mov_01	LinMoving	Max V2	0	1036.363	0	36.1079
A5	3	Mov_01	LinMoving	Max V2	0	1036.363	0	36.1079
A5	3	Mov_01	LinMoving	Max V2	0	1068.252	0	98.7668
A5	3.875	Mov_01	LinMoving	Max V2	0	1068.252	0	98.7668
A5	3.875	Mov_01	LinMoving	Max V2	0	1098.646	0	121.1374
A5	4.5	Mov_01	LinMoving	Max V2	0	1098.646	0	121.1374
A5	0	Mov_01	LinMoving	Min V2	0	-27.934	0	-29.9761
A5	0.875	Mov_01	LinMoving	Min V2	0	-27.934	0	-29.9761
A5	0.875	Mov_01	LinMoving	Min V2	0	-14.968	0	-5.2615
A5	1.5	Mov_01	LinMoving	Min V2	0	-14.968	0	-5.2615
A5	1.5	Mov_01	LinMoving	Min V2	0	-21.295	0	-100.0208
A5	2.125	Mov_01	LinMoving	Min V2	0	-21.295	0	-100.0208
A5	2.125	Mov_01	LinMoving	Min V2	0	-15.238	0	-88.7499
A5	3	Mov_01	LinMoving	Min V2	0	-15.238	0	-88.7499
A5	3	Mov_01	LinMoving	Min V2	0	-6.208	0	-35.0154
A5	3.875	Mov_01	LinMoving	Min V2	0	-6.208	0	-35.0154
A5	3.875	Mov_01	LinMoving	Min V2	0	-4.667	0	-0.0005701
A5	4.5	Mov_01	LinMoving	Min V2	0	-4.667	0	-0.0005701
A5	0	Mov_01	LinMoving	Max V3	0	0	0	0
A5	0.875	Mov_01	LinMoving	Max V3	0	0	0	0
A5	0.875	Mov_01	LinMoving	Max V3	0	0	0	0
A5	1.5	Mov_01	LinMoving	Max V3	0	0	0	0
A5	1.5	Mov_01	LinMoving	Max V3	0	0	0	0
A5	2.125	Mov_01	LinMoving	Max V3	0	0	0	0
A5	2.125	Mov_01	LinMoving	Max V3	0	0	0	0
A5	3	Mov_01	LinMoving	Max V3	0	0	0	0

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

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
A5	3	Mov_01	LinMoving	Max V3	0	0	0	0
A5	3.875	Mov_01	LinMoving	Max V3	0	0	0	0
A5	3.875	Mov_01	LinMoving	Max V3	0	0	0	0
A5	4.5	Mov_01	LinMoving	Max V3	0	0	0	0
A5	0	Mov_01	LinMoving	Min V3	0	0	0	0
A5	0.875	Mov_01	LinMoving	Min V3	0	0	0	0
A5	0.875	Mov_01	LinMoving	Min V3	0	0	0	0
A5	1.5	Mov_01	LinMoving	Min V3	0	0	0	0
A5	1.5	Mov_01	LinMoving	Min V3	0	0	0	0
A5	2.125	Mov_01	LinMoving	Min V3	0	0	0	0
A5	2.125	Mov_01	LinMoving	Min V3	0	0	0	0
A5	3	Mov_01	LinMoving	Min V3	0	0	0	0
A5	3	Mov_01	LinMoving	Min V3	0	0	0	0
A5	3.875	Mov_01	LinMoving	Min V3	0	0	0	0
A5	3.875	Mov_01	LinMoving	Min V3	0	0	0	0
A5	4.5	Mov_01	LinMoving	Min V3	0	0	0	0
A5	0	Mov_01	LinMoving	Max T	0	653.659	0	55.9065
A5	0.875	Mov_01	LinMoving	Max T	0	653.659	0	55.9065
A5	0.875	Mov_01	LinMoving	Max T	0	688.851	0	141.9768
A5	1.5	Mov_01	LinMoving	Max T	0	688.851	0	141.9768
A5	1.5	Mov_01	LinMoving	Max T	0	642.003	0	7.7716
A5	2.125	Mov_01	LinMoving	Max T	0	642.003	0	7.7716
A5	2.125	Mov_01	LinMoving	Max T	0	669.391	0	51.2037
A5	3	Mov_01	LinMoving	Max T	0	669.391	0	51.2037
A5	3	Mov_01	LinMoving	Max T	0	691.147	0	120.5431
A5	3.875	Mov_01	LinMoving	Max T	0	691.147	0	120.5431
A5	3.875	Mov_01	LinMoving	Max T	0	717.79	0	143.1833
A5	4.5	Mov_01	LinMoving	Max T	0	717.79	0	143.1833
A5	0	Mov_01	LinMoving	Min T	0	279.561	0	-31.9473
A5	0.875	Mov_01	LinMoving	Min T	0	279.561	0	-31.9473
A5	0.875	Mov_01	LinMoving	Min T	0	298.503	0	-6.8064
A5	1.5	Mov_01	LinMoving	Min T	0	298.503	0	-6.8064
A5	1.5	Mov_01	LinMoving	Min T	0	339.906	0	-142.0179
A5	2.125	Mov_01	LinMoving	Min T	0	339.906	0	-142.0179
A5	2.125	Mov_01	LinMoving	Min T	0	356.543	0	-119.4996
A5	3	Mov_01	LinMoving	Min T	0	356.543	0	-119.4996
A5	3	Mov_01	LinMoving	Min T	0	372.555	0	-50.1307
A5	3.875	Mov_01	LinMoving	Min T	0	372.555	0	-50.1307
A5	3.875	Mov_01	LinMoving	Min T	0	387.146	0	-6.8346
A5	4.5	Mov_01	LinMoving	Min T	0	387.146	0	-6.8346
A5	0	Mov_01	LinMoving	Max M2	0	0	0	0
A5	0.875	Mov_01	LinMoving	Max M2	0	0	0	0
A5	0.875	Mov_01	LinMoving	Max M2	0	0	0	0
A5	1.5	Mov_01	LinMoving	Max M2	0	0	0	0
A5	1.5	Mov_01	LinMoving	Max M2	0	0	0	0
A5	2.125	Mov_01	LinMoving	Max M2	0	0	0	0
A5	2.125	Mov_01	LinMoving	Max M2	0	0	0	0
A5	3	Mov_01	LinMoving	Max M2	0	0	0	0
A5	3	Mov_01	LinMoving	Max M2	0	0	0	0
A5	3.875	Mov_01	LinMoving	Max M2	0	0	0	0
A5	3.875	Mov_01	LinMoving	Max M2	0	0	0	0
A5	4.5	Mov_01	LinMoving	Max M2	0	0	0	0
A5	0	Mov_01	LinMoving	Min M2	0	0	0	0

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

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
A5	0.875	Mov_01	LinMoving	Min M2	0	0	0	0
A5	0.875	Mov_01	LinMoving	Min M2	0	0	0	0
A5	1.5	Mov_01	LinMoving	Min M2	0	0	0	0
A5	1.5	Mov_01	LinMoving	Min M2	0	0	0	0
A5	2.125	Mov_01	LinMoving	Min M2	0	0	0	0
A5	2.125	Mov_01	LinMoving	Min M2	0	0	0	0
A5	3	Mov_01	LinMoving	Min M2	0	0	0	0
A5	3	Mov_01	LinMoving	Min M2	0	0	0	0
A5	3.875	Mov_01	LinMoving	Min M2	0	0	0	0
A5	3.875	Mov_01	LinMoving	Min M2	0	0	0	0
A5	4.5	Mov_01	LinMoving	Min M2	0	0	0	0
A5	0	Mov_01	LinMoving	Max M3	0	523.639	0	37.3961
A5	0.875	Mov_01	LinMoving	Max M3	0	204.383	0	-4.8708
A5	0.875	Mov_01	LinMoving	Max M3	0	591.143	0	135.2244
A5	1.5	Mov_01	LinMoving	Max M3	0	380.1	0	118.5739
A5	1.5	Mov_01	LinMoving	Max M3	0	375.853	0	-92.1742
A5	2.125	Mov_01	LinMoving	Max M3	0	171.101	0	-115.8449
A5	2.125	Mov_01	LinMoving	Max M3	0	553.591	0	16.8767
A5	3	Mov_01	LinMoving	Max M3	0	77.768	0	-87.9509
A5	3	Mov_01	LinMoving	Max M3	0	535.901	0	89.1706
A5	3.875	Mov_01	LinMoving	Max M3	0	41.635	0	-27.9201
A5	3.875	Mov_01	LinMoving	Max M3	0	270.713	0	95.3596
A5	4.5	Mov_01	LinMoving	Max M3	0	-1.065	0	-0.0158
A5	0	Mov_01	LinMoving	Min M3	0	362.774	0	0.4957
A5	0.875	Mov_01	LinMoving	Min M3	0	415.579	0	0.4238
A5	0.875	Mov_01	LinMoving	Min M3	0	415.15	0	0.7791
A5	1.5	Mov_01	LinMoving	Min M3	0	451.515	0	0.7287
A5	1.5	Mov_01	LinMoving	Min M3	0	451.607	0	0.879
A5	2.125	Mov_01	LinMoving	Min M3	0	486.689	0	0.8417
A5	2.125	Mov_01	LinMoving	Min M3	0	486.482	0	0.8543
A5	3	Mov_01	LinMoving	Min M3	0	533.396	0	0.9382
A5	3	Mov_01	LinMoving	Min M3	0	533.417	0	0.7742
A5	3.875	Mov_01	LinMoving	Min M3	0	577.149	0	6.2965
A5	3.875	Mov_01	LinMoving	Min M3	0	579.074	0	3.9516
A5	4.5	Mov_01	LinMoving	Min M3	0	609.14	0	12.3612
A6	0	Mov_01	LinMoving	Max P	0	0	0	0
A6	0.625	Mov_01	LinMoving	Max P	0	0	0	0
A6	0.625	Mov_01	LinMoving	Max P	0	0	0	0
A6	1.5	Mov_01	LinMoving	Max P	0	0	0	0
A6	1.5	Mov_01	LinMoving	Max P	0	0	0	0
A6	2.375	Mov_01	LinMoving	Max P	0	0	0	0
A6	2.375	Mov_01	LinMoving	Max P	0	0	0	0
A6	3	Mov_01	LinMoving	Max P	0	0	0	0
A6	3	Mov_01	LinMoving	Max P	0	0	0	0
A6	3.625	Mov_01	LinMoving	Max P	0	0	0	0
A6	3.625	Mov_01	LinMoving	Max P	0	0	0	0
A6	4.5	Mov_01	LinMoving	Max P	0	0	0	0
A6	4.5	Mov_01	LinMoving	Max P	0	0	0	0
A6	5.375	Mov_01	LinMoving	Max P	0	0	0	0
A6	5.375	Mov_01	LinMoving	Max P	0	0	0	0
A6	6	Mov_01	LinMoving	Max P	0	0	0	0
A6	6	Mov_01	LinMoving	Max P	0	0	0	0
A6	6.625	Mov_01	LinMoving	Max P	0	0	0	0

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

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
A6	6.625	Mov_01	LinMoving	Max P	0	0	0	0
A6	7.5	Mov_01	LinMoving	Max P	0	0	0	0
A6	0	Mov_01	LinMoving	Min P	0	0	0	0
A6	0.625	Mov_01	LinMoving	Min P	0	0	0	0
A6	0.625	Mov_01	LinMoving	Min P	0	0	0	0
A6	1.5	Mov_01	LinMoving	Min P	0	0	0	0
A6	1.5	Mov_01	LinMoving	Min P	0	0	0	0
A6	2.375	Mov_01	LinMoving	Min P	0	0	0	0
A6	2.375	Mov_01	LinMoving	Min P	0	0	0	0
A6	3	Mov_01	LinMoving	Min P	0	0	0	0
A6	3	Mov_01	LinMoving	Min P	0	0	0	0
A6	3.625	Mov_01	LinMoving	Min P	0	0	0	0
A6	3.625	Mov_01	LinMoving	Min P	0	0	0	0
A6	4.5	Mov_01	LinMoving	Min P	0	0	0	0
A6	4.5	Mov_01	LinMoving	Min P	0	0	0	0
A6	5.375	Mov_01	LinMoving	Min P	0	0	0	0
A6	5.375	Mov_01	LinMoving	Min P	0	0	0	0
A6	6	Mov_01	LinMoving	Min P	0	0	0	0
A6	6	Mov_01	LinMoving	Min P	0	0	0	0
A6	6.625	Mov_01	LinMoving	Min P	0	0	0	0
A6	6.625	Mov_01	LinMoving	Min P	0	0	0	0
A6	7.5	Mov_01	LinMoving	Min P	0	0	0	0
A6	0	Mov_01	LinMoving	Max V2	0	4.343	0	-0.0189
A6	0.625	Mov_01	LinMoving	Max V2	0	4.343	0	-0.0189
A6	0.625	Mov_01	LinMoving	Max V2	0	6.022	0	35.2862
A6	1.5	Mov_01	LinMoving	Max V2	0	6.022	0	35.2862
A6	1.5	Mov_01	LinMoving	Max V2	0	14.718	0	89.2612
A6	2.375	Mov_01	LinMoving	Max V2	0	14.718	0	89.2612
A6	2.375	Mov_01	LinMoving	Max V2	0	20.111	0	100.7062
A6	3	Mov_01	LinMoving	Max V2	0	20.111	0	100.7062
A6	3	Mov_01	LinMoving	Max V2	0	14.081	0	6.488
A6	3.625	Mov_01	LinMoving	Max V2	0	14.081	0	6.488
A6	3.625	Mov_01	LinMoving	Max V2	0	26.923	0	38.5528
A6	4.5	Mov_01	LinMoving	Max V2	0	26.923	0	38.5528
A6	4.5	Mov_01	LinMoving	Max V2	0	39.863	0	98.0172
A6	5.375	Mov_01	LinMoving	Max V2	0	39.863	0	98.0172
A6	5.375	Mov_01	LinMoving	Max V2	0	47.862	0	117.8877
A6	6	Mov_01	LinMoving	Max V2	0	47.862	0	117.8877
A6	6	Mov_01	LinMoving	Max V2	0	42.861	0	6.1303
A6	6.625	Mov_01	LinMoving	Max V2	0	42.861	0	6.1303
A6	6.625	Mov_01	LinMoving	Max V2	0	57.49	0	30.6559
A6	7.5	Mov_01	LinMoving	Max V2	0	57.49	0	30.6559
A6	0	Mov_01	LinMoving	Min V2	0	-1122.966	0	-117.0012
A6	0.625	Mov_01	LinMoving	Min V2	0	-1122.966	0	-117.0012
A6	0.625	Mov_01	LinMoving	Min V2	0	-1093.222	0	-94.7025
A6	1.5	Mov_01	LinMoving	Min V2	0	-1093.222	0	-94.7025
A6	1.5	Mov_01	LinMoving	Min V2	0	-1062.061	0	-32.0866
A6	2.375	Mov_01	LinMoving	Min V2	0	-1062.061	0	-32.0866
A6	2.375	Mov_01	LinMoving	Min V2	0	-1026.293	0	2.3515
A6	3	Mov_01	LinMoving	Min V2	0	-1026.293	0	2.3515
A6	3	Mov_01	LinMoving	Min V2	0	-1031.936	0	-118.156
A6	3.625	Mov_01	LinMoving	Min V2	0	-1031.936	0	-118.156
A6	3.625	Mov_01	LinMoving	Min V2	0	-1002.351	0	-96.4412

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

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
A6	4.5	Mov_01	LinMoving	Min V2	0	-1002.351	0	-96.4412
A6	4.5	Mov_01	LinMoving	Min V2	0	-971.006	0	-34.1981
A6	5.375	Mov_01	LinMoving	Min V2	0	-971.006	0	-34.1981
A6	5.375	Mov_01	LinMoving	Min V2	0	-934.948	0	-0.2052
A6	6	Mov_01	LinMoving	Min V2	0	-934.948	0	-0.2052
A6	6	Mov_01	LinMoving	Min V2	0	-940.145	0	-110.0798
A6	6.625	Mov_01	LinMoving	Min V2	0	-940.145	0	-110.0798
A6	6.625	Mov_01	LinMoving	Min V2	0	-898.045	0	-52.5113
A6	7.5	Mov_01	LinMoving	Min V2	0	-898.045	0	-52.5113
A6	0	Mov_01	LinMoving	Max V3	0	0	0	0
A6	0.625	Mov_01	LinMoving	Max V3	0	0	0	0
A6	0.625	Mov_01	LinMoving	Max V3	0	0	0	0
A6	1.5	Mov_01	LinMoving	Max V3	0	0	0	0
A6	1.5	Mov_01	LinMoving	Max V3	0	0	0	0
A6	2.375	Mov_01	LinMoving	Max V3	0	0	0	0
A6	2.375	Mov_01	LinMoving	Max V3	0	0	0	0
A6	3	Mov_01	LinMoving	Max V3	0	0	0	0
A6	3	Mov_01	LinMoving	Max V3	0	0	0	0
A6	3.625	Mov_01	LinMoving	Max V3	0	0	0	0
A6	3.625	Mov_01	LinMoving	Max V3	0	0	0	0
A6	4.5	Mov_01	LinMoving	Max V3	0	0	0	0
A6	4.5	Mov_01	LinMoving	Max V3	0	0	0	0
A6	5.375	Mov_01	LinMoving	Max V3	0	0	0	0
A6	5.375	Mov_01	LinMoving	Max V3	0	0	0	0
A6	6	Mov_01	LinMoving	Max V3	0	0	0	0
A6	6	Mov_01	LinMoving	Max V3	0	0	0	0
A6	6.625	Mov_01	LinMoving	Max V3	0	0	0	0
A6	6.625	Mov_01	LinMoving	Max V3	0	0	0	0
A6	7.5	Mov_01	LinMoving	Max V3	0	0	0	0
A6	0	Mov_01	LinMoving	Min V3	0	0	0	0
A6	0.625	Mov_01	LinMoving	Min V3	0	0	0	0
A6	0.625	Mov_01	LinMoving	Min V3	0	0	0	0
A6	1.5	Mov_01	LinMoving	Min V3	0	0	0	0
A6	1.5	Mov_01	LinMoving	Min V3	0	0	0	0
A6	2.375	Mov_01	LinMoving	Min V3	0	0	0	0
A6	2.375	Mov_01	LinMoving	Min V3	0	0	0	0
A6	3	Mov_01	LinMoving	Min V3	0	0	0	0
A6	3	Mov_01	LinMoving	Min V3	0	0	0	0
A6	3.625	Mov_01	LinMoving	Min V3	0	0	0	0
A6	3.625	Mov_01	LinMoving	Min V3	0	0	0	0
A6	4.5	Mov_01	LinMoving	Min V3	0	0	0	0
A6	4.5	Mov_01	LinMoving	Min V3	0	0	0	0
A6	5.375	Mov_01	LinMoving	Min V3	0	0	0	0
A6	5.375	Mov_01	LinMoving	Min V3	0	0	0	0
A6	6	Mov_01	LinMoving	Min V3	0	0	0	0
A6	6	Mov_01	LinMoving	Min V3	0	0	0	0
A6	6.625	Mov_01	LinMoving	Min V3	0	0	0	0
A6	6.625	Mov_01	LinMoving	Min V3	0	0	0	0
A6	7.5	Mov_01	LinMoving	Min V3	0	0	0	0
A6	0	Mov_01	LinMoving	Max T	0	-425.076	0	9.7134
A6	0.625	Mov_01	LinMoving	Max T	0	-425.076	0	9.7134
A6	0.625	Mov_01	LinMoving	Max T	0	-413.099	0	53.0414
A6	1.5	Mov_01	LinMoving	Max T	0	-413.099	0	53.0414

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

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
A6	1.5	Mov_01	LinMoving	Max T	0	-401.419	0	122.4056
A6	2.375	Mov_01	LinMoving	Max T	0	-401.419	0	122.4056
A6	2.375	Mov_01	LinMoving	Max T	0	-381.751	0	144.8952
A6	3	Mov_01	LinMoving	Max T	0	-381.751	0	144.8952
A6	3	Mov_01	LinMoving	Max T	0	-343.566	0	9.0267
A6	3.625	Mov_01	LinMoving	Max T	0	-343.566	0	9.0267
A6	3.625	Mov_01	LinMoving	Max T	0	-329.723	0	52.1535
A6	4.5	Mov_01	LinMoving	Max T	0	-329.723	0	52.1535
A6	4.5	Mov_01	LinMoving	Max T	0	-315.187	0	121.4099
A6	5.375	Mov_01	LinMoving	Max T	0	-315.187	0	121.4099
A6	5.375	Mov_01	LinMoving	Max T	0	-298.646	0	143.7857
A6	6	Mov_01	LinMoving	Max T	0	-298.646	0	143.7857
A6	6	Mov_01	LinMoving	Max T	0	-254.547	0	8.1651
A6	6.625	Mov_01	LinMoving	Max T	0	-254.547	0	8.1651
A6	6.625	Mov_01	LinMoving	Max T	0	-232.938	0	32.7699
A6	7.5	Mov_01	LinMoving	Max T	0	-232.938	0	32.7699
A6	0	Mov_01	LinMoving	Min T	0	-702.852	0	-140.3054
A6	0.625	Mov_01	LinMoving	Min T	0	-702.852	0	-140.3054
A6	0.625	Mov_01	LinMoving	Min T	0	-674.979	0	-117.7588
A6	1.5	Mov_01	LinMoving	Min T	0	-674.979	0	-117.7588
A6	1.5	Mov_01	LinMoving	Min T	0	-650.166	0	-48.44
A6	2.375	Mov_01	LinMoving	Min T	0	-650.166	0	-48.44
A6	2.375	Mov_01	LinMoving	Min T	0	-627.566	0	-5.2825
A6	3	Mov_01	LinMoving	Min T	0	-627.566	0	-5.2825
A6	3	Mov_01	LinMoving	Min T	0	-671.957	0	-140.8244
A6	3.625	Mov_01	LinMoving	Min T	0	-671.957	0	-140.8244
A6	3.625	Mov_01	LinMoving	Min T	0	-643.05	0	-118.4231
A6	4.5	Mov_01	LinMoving	Min T	0	-643.05	0	-118.4231
A6	4.5	Mov_01	LinMoving	Min T	0	-618.93	0	-49.2278
A6	5.375	Mov_01	LinMoving	Min T	0	-618.93	0	-49.2278
A6	5.375	Mov_01	LinMoving	Min T	0	-387.051	0	-6.0709
A6	6	Mov_01	LinMoving	Min T	0	-387.051	0	-6.0709
A6	6	Mov_01	LinMoving	Min T	0	-640.387	0	-140.4026
A6	6.625	Mov_01	LinMoving	Min T	0	-640.387	0	-140.4026
A6	6.625	Mov_01	LinMoving	Min T	0	-607.53	0	-54.9762
A6	7.5	Mov_01	LinMoving	Min T	0	-607.53	0	-54.9762
A6	0	Mov_01	LinMoving	Max M2	0	0	0	0
A6	0.625	Mov_01	LinMoving	Max M2	0	0	0	0
A6	0.625	Mov_01	LinMoving	Max M2	0	0	0	0
A6	1.5	Mov_01	LinMoving	Max M2	0	0	0	0
A6	1.5	Mov_01	LinMoving	Max M2	0	0	0	0
A6	2.375	Mov_01	LinMoving	Max M2	0	0	0	0
A6	2.375	Mov_01	LinMoving	Max M2	0	0	0	0
A6	3	Mov_01	LinMoving	Max M2	0	0	0	0
A6	3	Mov_01	LinMoving	Max M2	0	0	0	0
A6	3.625	Mov_01	LinMoving	Max M2	0	0	0	0
A6	3.625	Mov_01	LinMoving	Max M2	0	0	0	0
A6	4.5	Mov_01	LinMoving	Max M2	0	0	0	0
A6	4.5	Mov_01	LinMoving	Max M2	0	0	0	0
A6	5.375	Mov_01	LinMoving	Max M2	0	0	0	0
A6	5.375	Mov_01	LinMoving	Max M2	0	0	0	0
A6	6	Mov_01	LinMoving	Max M2	0	0	0	0
A6	6	Mov_01	LinMoving	Max M2	0	0	0	0

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

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
A6	6.625	Mov_01	LinMoving	Max M2	0	0	0	0
A6	6.625	Mov_01	LinMoving	Max M2	0	0	0	0
A6	7.5	Mov_01	LinMoving	Max M2	0	0	0	0
A6	0	Mov_01	LinMoving	Min M2	0	0	0	0
A6	0.625	Mov_01	LinMoving	Min M2	0	0	0	0
A6	0.625	Mov_01	LinMoving	Min M2	0	0	0	0
A6	1.5	Mov_01	LinMoving	Min M2	0	0	0	0
A6	1.5	Mov_01	LinMoving	Min M2	0	0	0	0
A6	2.375	Mov_01	LinMoving	Min M2	0	0	0	0
A6	2.375	Mov_01	LinMoving	Min M2	0	0	0	0
A6	3	Mov_01	LinMoving	Min M2	0	0	0	0
A6	3	Mov_01	LinMoving	Min M2	0	0	0	0
A6	3.625	Mov_01	LinMoving	Min M2	0	0	0	0
A6	3.625	Mov_01	LinMoving	Min M2	0	0	0	0
A6	4.5	Mov_01	LinMoving	Min M2	0	0	0	0
A6	4.5	Mov_01	LinMoving	Min M2	0	0	0	0
A6	5.375	Mov_01	LinMoving	Min M2	0	0	0	0
A6	5.375	Mov_01	LinMoving	Min M2	0	0	0	0
A6	6	Mov_01	LinMoving	Min M2	0	0	0	0
A6	6	Mov_01	LinMoving	Min M2	0	0	0	0
A6	6.625	Mov_01	LinMoving	Min M2	0	0	0	0
A6	6.625	Mov_01	LinMoving	Min M2	0	0	0	0
A6	7.5	Mov_01	LinMoving	Min M2	0	0	0	0
A6	0	Mov_01	LinMoving	Max M3	0	4.343	0	-0.0189
A6	0.625	Mov_01	LinMoving	Max M3	0	-269.029	0	-94.2524
A6	0.625	Mov_01	LinMoving	Max M3	0	-40.33	0	29.1417
A6	1.5	Mov_01	LinMoving	Max M3	0	-532.428	0	-87.4044
A6	1.5	Mov_01	LinMoving	Max M3	0	-73.64	0	89.7667
A6	2.375	Mov_01	LinMoving	Max M3	0	-548.028	0	-15.057
A6	2.375	Mov_01	LinMoving	Max M3	0	-164.884	0	117.7314
A6	3	Mov_01	LinMoving	Max M3	0	-338.239	0	103.8269
A6	3	Mov_01	LinMoving	Max M3	0	-343.291	0	-107.0929
A6	3.625	Mov_01	LinMoving	Max M3	0	-581.886	0	-128.2627
A6	3.625	Mov_01	LinMoving	Max M3	0	-222.165	0	-15.8045
A6	4.5	Mov_01	LinMoving	Max M3	0	-598.852	0	-87.2012
A6	4.5	Mov_01	LinMoving	Max M3	0	-353.053	0	62.0135
A6	5.375	Mov_01	LinMoving	Max M3	0	-620.52	0	-15.0276
A6	5.375	Mov_01	LinMoving	Max M3	0	-237.124	0	117.4307
A6	6	Mov_01	LinMoving	Max M3	0	-444.557	0	93.8652
A6	6	Mov_01	LinMoving	Max M3	0	-448.901	0	-117.2586
A6	6.625	Mov_01	LinMoving	Max M3	0	-663.273	0	-133.8089
A6	6.625	Mov_01	LinMoving	Max M3	0	-275.546	0	5.7316
A6	7.5	Mov_01	LinMoving	Max M3	0	-599.335	0	-36.4546
A6	0	Mov_01	LinMoving	Min M3	0	-942.696	0	-7.5933
A6	0.625	Mov_01	LinMoving	Min M3	0	-899.006	0	0.4856
A6	0.625	Mov_01	LinMoving	Min M3	0	-896.901	0	-2.0283
A6	1.5	Mov_01	LinMoving	Min M3	0	-551.842	0	2.8268
A6	1.5	Mov_01	LinMoving	Min M3	0	-551.968	0	2.5414
A6	2.375	Mov_01	LinMoving	Min M3	0	-507.691	0	2.6793
A6	2.375	Mov_01	LinMoving	Min M3	0	-508.332	0	2.5759
A6	3	Mov_01	LinMoving	Min M3	0	-475.64	0	2.4947
A6	3	Mov_01	LinMoving	Min M3	0	-475.961	0	1.4767
A6	3.625	Mov_01	LinMoving	Min M3	0	-441.781	0	1.3898

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

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
A6	3.625	Mov_01	LinMoving	Min M3	0	-442.753	0	1.3989
A6	4.5	Mov_01	LinMoving	Min M3	0	-393.094	0	1.2388
A6	4.5	Mov_01	LinMoving	Min M3	0	-393.43	0	1.2598
A6	5.375	Mov_01	LinMoving	Min M3	0	-341.895	0	1.0669
A6	5.375	Mov_01	LinMoving	Min M3	0	-343.205	0	1.1026
A6	6	Mov_01	LinMoving	Min M3	0	-305.144	0	0.9473
A6	6	Mov_01	LinMoving	Min M3	0	-305.168	0	0.8906
A6	6.625	Mov_01	LinMoving	Min M3	0	-265.292	0	0.7303
A6	6.625	Mov_01	LinMoving	Min M3	0	-267.14	0	0.5163
A6	7.5	Mov_01	LinMoving	Min M3	0	-209.496	0	0.3501
A7	0	Mov_01	LinMoving	Max P	0	0	0	0
A7	0.375	Mov_01	LinMoving	Max P	0	0	0	0
A7	0.375	Mov_01	LinMoving	Max P	0	0	0	0
A7	1.625	Mov_01	LinMoving	Max P	0	0	0	0
A7	1.625	Mov_01	LinMoving	Max P	0	0	0	0
A7	2.875	Mov_01	LinMoving	Max P	0	0	0	0
A7	2.875	Mov_01	LinMoving	Max P	0	0	0	0
A7	3.5	Mov_01	LinMoving	Max P	0	0	0	0
A7	3.5	Mov_01	LinMoving	Max P	0	0	0	0
A7	4.125	Mov_01	LinMoving	Max P	0	0	0	0
A7	4.125	Mov_01	LinMoving	Max P	0	0	0	0
A7	5.375	Mov_01	LinMoving	Max P	0	0	0	0
A7	5.375	Mov_01	LinMoving	Max P	0	0	0	0
A7	6.625	Mov_01	LinMoving	Max P	0	0	0	0
A7	6.625	Mov_01	LinMoving	Max P	0	0	0	0
A7	7.5	Mov_01	LinMoving	Max P	0	0	0	0
A7	0	Mov_01	LinMoving	Min P	0	0	0	0
A7	0.375	Mov_01	LinMoving	Min P	0	0	0	0
A7	0.375	Mov_01	LinMoving	Min P	0	0	0	0
A7	1.625	Mov_01	LinMoving	Min P	0	0	0	0
A7	1.625	Mov_01	LinMoving	Min P	0	0	0	0
A7	2.875	Mov_01	LinMoving	Min P	0	0	0	0
A7	2.875	Mov_01	LinMoving	Min P	0	0	0	0
A7	3.5	Mov_01	LinMoving	Min P	0	0	0	0
A7	3.5	Mov_01	LinMoving	Min P	0	0	0	0
A7	4.125	Mov_01	LinMoving	Min P	0	0	0	0
A7	4.125	Mov_01	LinMoving	Min P	0	0	0	0
A7	5.375	Mov_01	LinMoving	Min P	0	0	0	0
A7	5.375	Mov_01	LinMoving	Min P	0	0	0	0
A7	6.625	Mov_01	LinMoving	Min P	0	0	0	0
A7	6.625	Mov_01	LinMoving	Min P	0	0	0	0
A7	7.5	Mov_01	LinMoving	Min P	0	0	0	0
A7	0	Mov_01	LinMoving	Max V2	0	57.49	0	30.6559
A7	0.375	Mov_01	LinMoving	Max V2	0	57.49	0	30.6559
A7	0.375	Mov_01	LinMoving	Max V2	0	72.464	0	29.3004
A7	1.625	Mov_01	LinMoving	Max V2	0	72.464	0	29.3004
A7	1.625	Mov_01	LinMoving	Max V2	0	89.009	0	31.5793
A7	2.875	Mov_01	LinMoving	Max V2	0	89.009	0	31.5793
A7	2.875	Mov_01	LinMoving	Max V2	0	107.383	0	60.7987
A7	3.5	Mov_01	LinMoving	Max V2	0	107.383	0	60.7987
A7	3.5	Mov_01	LinMoving	Max V2	0	106.345	0	1.1646
A7	4.125	Mov_01	LinMoving	Max V2	0	106.345	0	1.1646
A7	4.125	Mov_01	LinMoving	Max V2	0	125.947	0	25.5238

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

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
A7	5.375	Mov_01	LinMoving	Max V2	0	125.947	0	25.5238
A7	5.375	Mov_01	LinMoving	Max V2	0	146.407	0	31.0394
A7	6.625	Mov_01	LinMoving	Max V2	0	146.407	0	31.0394
A7	6.625	Mov_01	LinMoving	Max V2	0	168.034	0	26.2862
A7	7.5	Mov_01	LinMoving	Max V2	0	168.034	0	26.2862
A7	0	Mov_01	LinMoving	Min V2	0	-898.045	0	-52.5113
A7	0.375	Mov_01	LinMoving	Min V2	0	-898.045	0	-52.5113
A7	0.375	Mov_01	LinMoving	Min V2	0	-859.633	0	-30.5248
A7	1.625	Mov_01	LinMoving	Min V2	0	-859.633	0	-30.5248
A7	1.625	Mov_01	LinMoving	Min V2	0	-821.525	0	-24.6677
A7	2.875	Mov_01	LinMoving	Min V2	0	-821.525	0	-24.6677
A7	2.875	Mov_01	LinMoving	Min V2	0	-783.1	0	0.6932
A7	3.5	Mov_01	LinMoving	Min V2	0	-783.1	0	0.6932
A7	3.5	Mov_01	LinMoving	Min V2	0	-784.205	0	-61.2608
A7	4.125	Mov_01	LinMoving	Min V2	0	-784.205	0	-61.2608
A7	4.125	Mov_01	LinMoving	Min V2	0	-745.921	0	-31.3759
A7	5.375	Mov_01	LinMoving	Min V2	0	-745.921	0	-31.3759
A7	5.375	Mov_01	LinMoving	Min V2	0	-708.45	0	-30.8987
A7	6.625	Mov_01	LinMoving	Min V2	0	-708.45	0	-30.8987
A7	6.625	Mov_01	LinMoving	Min V2	0	-671.154	0	-22.8366
A7	7.5	Mov_01	LinMoving	Min V2	0	-671.154	0	-22.8366
A7	0	Mov_01	LinMoving	Max V3	0	0	0	0
A7	0.375	Mov_01	LinMoving	Max V3	0	0	0	0
A7	0.375	Mov_01	LinMoving	Max V3	0	0	0	0
A7	1.625	Mov_01	LinMoving	Max V3	0	0	0	0
A7	1.625	Mov_01	LinMoving	Max V3	0	0	0	0
A7	2.875	Mov_01	LinMoving	Max V3	0	0	0	0
A7	2.875	Mov_01	LinMoving	Max V3	0	0	0	0
A7	2.875	Mov_01	LinMoving	Max V3	0	0	0	0
A7	3.5	Mov_01	LinMoving	Max V3	0	0	0	0
A7	3.5	Mov_01	LinMoving	Max V3	0	0	0	0
A7	3.5	Mov_01	LinMoving	Max V3	0	0	0	0
A7	4.125	Mov_01	LinMoving	Max V3	0	0	0	0
A7	4.125	Mov_01	LinMoving	Max V3	0	0	0	0
A7	5.375	Mov_01	LinMoving	Max V3	0	0	0	0
A7	5.375	Mov_01	LinMoving	Max V3	0	0	0	0
A7	6.625	Mov_01	LinMoving	Max V3	0	0	0	0
A7	6.625	Mov_01	LinMoving	Max V3	0	0	0	0
A7	7.5	Mov_01	LinMoving	Max V3	0	0	0	0
A7	0	Mov_01	LinMoving	Min V3	0	0	0	0
A7	0.375	Mov_01	LinMoving	Min V3	0	0	0	0
A7	0.375	Mov_01	LinMoving	Min V3	0	0	0	0
A7	1.625	Mov_01	LinMoving	Min V3	0	0	0	0
A7	1.625	Mov_01	LinMoving	Min V3	0	0	0	0
A7	2.875	Mov_01	LinMoving	Min V3	0	0	0	0
A7	2.875	Mov_01	LinMoving	Min V3	0	0	0	0
A7	2.875	Mov_01	LinMoving	Min V3	0	0	0	0
A7	3.5	Mov_01	LinMoving	Min V3	0	0	0	0
A7	3.5	Mov_01	LinMoving	Min V3	0	0	0	0
A7	3.5	Mov_01	LinMoving	Min V3	0	0	0	0
A7	4.125	Mov_01	LinMoving	Min V3	0	0	0	0
A7	4.125	Mov_01	LinMoving	Min V3	0	0	0	0
A7	5.375	Mov_01	LinMoving	Min V3	0	0	0	0
A7	5.375	Mov_01	LinMoving	Min V3	0	0	0	0
A7	6.625	Mov_01	LinMoving	Min V3	0	0	0	0
A7	6.625	Mov_01	LinMoving	Min V3	0	0	0	0
A7	7.5	Mov_01	LinMoving	Min V3	0	0	0	0

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

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
A7	0	Mov_01	LinMoving	Max T	0	-232.938	0	32.7699
A7	0.375	Mov_01	LinMoving	Max T	0	-232.938	0	32.7699
A7	0.375	Mov_01	LinMoving	Max T	0	-200.372	0	30.2218
A7	1.625	Mov_01	LinMoving	Max T	0	-200.372	0	30.2218
A7	1.625	Mov_01	LinMoving	Max T	0	-179.447	0	32.4471
A7	2.875	Mov_01	LinMoving	Max T	0	-179.447	0	32.4471
A7	2.875	Mov_01	LinMoving	Max T	0	-188.594	0	63.9453
A7	3.5	Mov_01	LinMoving	Max T	0	-188.594	0	63.9453
A7	3.5	Mov_01	LinMoving	Max T	0	-112.116	0	1.7423
A7	4.125	Mov_01	LinMoving	Max T	0	-112.116	0	1.7423
A7	4.125	Mov_01	LinMoving	Max T	0	-83.966	0	26.1179
A7	5.375	Mov_01	LinMoving	Max T	0	-83.966	0	26.1179
A7	5.375	Mov_01	LinMoving	Max T	0	-48.112	0	31.5898
A7	6.625	Mov_01	LinMoving	Max T	0	-48.112	0	31.5898
A7	6.625	Mov_01	LinMoving	Max T	0	-22.753	0	26.689
A7	7.5	Mov_01	LinMoving	Max T	0	-22.753	0	26.689
A7	0	Mov_01	LinMoving	Min T	0	-607.53	0	-54.9762
A7	0.375	Mov_01	LinMoving	Min T	0	-607.53	0	-54.9762
A7	0.375	Mov_01	LinMoving	Min T	0	-586.709	0	-31.4461
A7	1.625	Mov_01	LinMoving	Min T	0	-586.709	0	-31.4461
A7	1.625	Mov_01	LinMoving	Min T	0	-552.903	0	-25.5354
A7	2.875	Mov_01	LinMoving	Min T	0	-552.903	0	-25.5354
A7	2.875	Mov_01	LinMoving	Min T	0	-339.582	0	-1.2738
A7	3.5	Mov_01	LinMoving	Min T	0	-339.582	0	-1.2738
A7	3.5	Mov_01	LinMoving	Min T	0	-531.963	0	-63.1738
A7	4.125	Mov_01	LinMoving	Min T	0	-531.963	0	-63.1738
A7	4.125	Mov_01	LinMoving	Min T	0	-535.693	0	-31.9699
A7	5.375	Mov_01	LinMoving	Min T	0	-535.693	0	-31.9699
A7	5.375	Mov_01	LinMoving	Min T	0	-513.501	0	-31.449
A7	6.625	Mov_01	LinMoving	Min T	0	-513.501	0	-31.449
A7	6.625	Mov_01	LinMoving	Min T	0	-479.223	0	-23.2394
A7	7.5	Mov_01	LinMoving	Min T	0	-479.223	0	-23.2394
A7	0	Mov_01	LinMoving	Max M2	0	0	0	0
A7	0.375	Mov_01	LinMoving	Max M2	0	0	0	0
A7	0.375	Mov_01	LinMoving	Max M2	0	0	0	0
A7	1.625	Mov_01	LinMoving	Max M2	0	0	0	0
A7	1.625	Mov_01	LinMoving	Max M2	0	0	0	0
A7	2.875	Mov_01	LinMoving	Max M2	0	0	0	0
A7	2.875	Mov_01	LinMoving	Max M2	0	0	0	0
A7	3.5	Mov_01	LinMoving	Max M2	0	0	0	0
A7	3.5	Mov_01	LinMoving	Max M2	0	0	0	0
A7	4.125	Mov_01	LinMoving	Max M2	0	0	0	0
A7	4.125	Mov_01	LinMoving	Max M2	0	0	0	0
A7	5.375	Mov_01	LinMoving	Max M2	0	0	0	0
A7	5.375	Mov_01	LinMoving	Max M2	0	0	0	0
A7	6.625	Mov_01	LinMoving	Max M2	0	0	0	0
A7	6.625	Mov_01	LinMoving	Max M2	0	0	0	0
A7	7.5	Mov_01	LinMoving	Max M2	0	0	0	0
A7	0	Mov_01	LinMoving	Min M2	0	0	0	0
A7	0.375	Mov_01	LinMoving	Min M2	0	0	0	0
A7	0.375	Mov_01	LinMoving	Min M2	0	0	0	0
A7	1.625	Mov_01	LinMoving	Min M2	0	0	0	0
A7	1.625	Mov_01	LinMoving	Min M2	0	0	0	0

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

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
A7	2.875	Mov_01	LinMoving	Min M2	0	0	0	0
A7	2.875	Mov_01	LinMoving	Min M2	0	0	0	0
A7	3.5	Mov_01	LinMoving	Min M2	0	0	0	0
A7	3.5	Mov_01	LinMoving	Min M2	0	0	0	0
A7	4.125	Mov_01	LinMoving	Min M2	0	0	0	0
A7	4.125	Mov_01	LinMoving	Min M2	0	0	0	0
A7	5.375	Mov_01	LinMoving	Min M2	0	0	0	0
A7	5.375	Mov_01	LinMoving	Min M2	0	0	0	0
A7	6.625	Mov_01	LinMoving	Min M2	0	0	0	0
A7	6.625	Mov_01	LinMoving	Min M2	0	0	0	0
A7	7.5	Mov_01	LinMoving	Min M2	0	0	0	0
A7	0	Mov_01	LinMoving	Max M3	0	-599.335	0	-36.4546
A7	0.375	Mov_01	LinMoving	Max M3	0	-723.311	0	-48.9271
A7	0.375	Mov_01	LinMoving	Max M3	0	-335.892	0	9.5531
A7	1.625	Mov_01	LinMoving	Max M3	0	-761.796	0	-26.2983
A7	1.625	Mov_01	LinMoving	Max M3	0	-373.578	0	14.6613
A7	2.875	Mov_01	LinMoving	Max M3	0	-723.051	0	-20.2472
A7	2.875	Mov_01	LinMoving	Max M3	0	-337.47	0	59.9664
A7	3.5	Mov_01	LinMoving	Max M3	0	-504.38	0	42.4003
A7	3.5	Mov_01	LinMoving	Max M3	0	-506.789	0	-57.5664
A7	4.125	Mov_01	LinMoving	Max M3	0	-681.505	0	-62.5582
A7	4.125	Mov_01	LinMoving	Max M3	0	-295.7	0	7.502
A7	5.375	Mov_01	LinMoving	Max M3	0	-637.753	0	-27.4037
A7	5.375	Mov_01	LinMoving	Max M3	0	-252.817	0	11.3553
A7	6.625	Mov_01	LinMoving	Max M3	0	-573.226	0	-22.067
A7	6.625	Mov_01	LinMoving	Max M3	0	-209.606	0	10.4332
A7	7.5	Mov_01	LinMoving	Max M3	0	-452.675	0	-10.759
A7	0	Mov_01	LinMoving	Min M3	0	-209.496	0	0.3501
A7	0.375	Mov_01	LinMoving	Min M3	0	-184.111	0	0.2702
A7	0.375	Mov_01	LinMoving	Min M3	0	-186.119	0	0.1723
A7	1.625	Mov_01	LinMoving	Min M3	0	-104.256	0	0.0055
A7	1.625	Mov_01	LinMoving	Min M3	0	-107.256	0	0.0278
A7	2.875	Mov_01	LinMoving	Min M3	0	-101.117	0	0.011
A7	2.875	Mov_01	LinMoving	Min M3	0	-101.114	0	0.0205
A7	3.5	Mov_01	LinMoving	Min M3	0	-101.112	0	0.0205
A7	3.5	Mov_01	LinMoving	Min M3	0	-101.109	0	0.0285
A7	4.125	Mov_01	LinMoving	Min M3	0	-101.109	0	0.0285
A7	4.125	Mov_01	LinMoving	Min M3	0	-101.106	0	0.0371
A7	5.375	Mov_01	LinMoving	Min M3	0	-101.105	0	0.0371
A7	5.375	Mov_01	LinMoving	Min M3	0	-101.101	0	0.0482
A7	6.625	Mov_01	LinMoving	Min M3	0	-101.101	0	0.0482
A7	6.625	Mov_01	LinMoving	Min M3	0	-101.101	0	0.0481
A7	7.5	Mov_01	LinMoving	Min M3	0	-101.1	0	0.0481
A8	0	Mov_01	LinMoving	Max P	0	0	0	0
A8	0.375	Mov_01	LinMoving	Max P	0	0	0	0
A8	0.375	Mov_01	LinMoving	Max P	0	0	0	0
A8	1	Mov_01	LinMoving	Max P	0	0	0	0
A8	1	Mov_01	LinMoving	Max P	0	0	0	0
A8	1.625	Mov_01	LinMoving	Max P	0	0	0	0
A8	1.625	Mov_01	LinMoving	Max P	0	0	0	0
A8	2.875	Mov_01	LinMoving	Max P	0	0	0	0
A8	2.875	Mov_01	LinMoving	Max P	0	0	0	0
A8	4.125	Mov_01	LinMoving	Max P	0	0	0	0

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

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
A8	4.125	Mov_01	LinMoving	Max P	0	0	0	0
A8	5.375	Mov_01	LinMoving	Max P	0	0	0	0
A8	5.375	Mov_01	LinMoving	Max P	0	0	0	0
A8	6	Mov_01	LinMoving	Max P	0	0	0	0
A8	6	Mov_01	LinMoving	Max P	0	0	0	0
A8	6.625	Mov_01	LinMoving	Max P	0	0	0	0
A8	6.625	Mov_01	LinMoving	Max P	0	0	0	0
A8	7.875	Mov_01	LinMoving	Max P	0	0	0	0
A8	7.875	Mov_01	LinMoving	Max P	0	0	0	0
A8	9.125	Mov_01	LinMoving	Max P	0	0	0	0
A8	9.125	Mov_01	LinMoving	Max P	0	0	0	0
A8	9.5	Mov_01	LinMoving	Max P	0	0	0	0
A8	0	Mov_01	LinMoving	Min P	0	0	0	0
A8	0.375	Mov_01	LinMoving	Min P	0	0	0	0
A8	0.375	Mov_01	LinMoving	Min P	0	0	0	0
A8	1	Mov_01	LinMoving	Min P	0	0	0	0
A8	1	Mov_01	LinMoving	Min P	0	0	0	0
A8	1.625	Mov_01	LinMoving	Min P	0	0	0	0
A8	1.625	Mov_01	LinMoving	Min P	0	0	0	0
A8	2.875	Mov_01	LinMoving	Min P	0	0	0	0
A8	2.875	Mov_01	LinMoving	Min P	0	0	0	0
A8	4.125	Mov_01	LinMoving	Min P	0	0	0	0
A8	4.125	Mov_01	LinMoving	Min P	0	0	0	0
A8	5.375	Mov_01	LinMoving	Min P	0	0	0	0
A8	5.375	Mov_01	LinMoving	Min P	0	0	0	0
A8	6	Mov_01	LinMoving	Min P	0	0	0	0
A8	6	Mov_01	LinMoving	Min P	0	0	0	0
A8	6.625	Mov_01	LinMoving	Min P	0	0	0	0
A8	6.625	Mov_01	LinMoving	Min P	0	0	0	0
A8	7.875	Mov_01	LinMoving	Min P	0	0	0	0
A8	7.875	Mov_01	LinMoving	Min P	0	0	0	0
A8	9.125	Mov_01	LinMoving	Min P	0	0	0	0
A8	9.125	Mov_01	LinMoving	Min P	0	0	0	0
A8	9.5	Mov_01	LinMoving	Min P	0	0	0	0
A8	0	Mov_01	LinMoving	Max V2	0	168.034	0	26.2862
A8	0.375	Mov_01	LinMoving	Max V2	0	168.034	0	26.2862
A8	0.375	Mov_01	LinMoving	Max V2	0	191.237	0	37.4617
A8	1	Mov_01	LinMoving	Max V2	0	191.237	0	37.4617
A8	1	Mov_01	LinMoving	Max V2	0	190.655	0	0.2923
A8	1.625	Mov_01	LinMoving	Max V2	0	190.655	0	0.2923
A8	1.625	Mov_01	LinMoving	Max V2	0	215.347	0	16.6252
A8	2.875	Mov_01	LinMoving	Max V2	0	215.347	0	16.6252
A8	2.875	Mov_01	LinMoving	Max V2	0	241.152	0	18.8133
A8	4.125	Mov_01	LinMoving	Max V2	0	241.152	0	18.8133
A8	4.125	Mov_01	LinMoving	Max V2	0	268.329	0	18.971
A8	5.375	Mov_01	LinMoving	Max V2	0	268.329	0	18.971
A8	5.375	Mov_01	LinMoving	Max V2	0	297.174	0	37.6357
A8	6	Mov_01	LinMoving	Max V2	0	297.174	0	37.6357
A8	6	Mov_01	LinMoving	Max V2	0	296.583	0	0.0789
A8	6.625	Mov_01	LinMoving	Max V2	0	296.583	0	0.0789
A8	6.625	Mov_01	LinMoving	Max V2	0	326.791	0	16.5314
A8	7.875	Mov_01	LinMoving	Max V2	0	326.791	0	16.5314
A8	7.875	Mov_01	LinMoving	Max V2	0	358.083	0	18.7091

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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
A8	9.125	Mov_01	LinMoving	Max V2	0	358.083	0	18.7091
A8	9.125	Mov_01	LinMoving	Max V2	0	390.728	0	18.8553
A8	9.5	Mov_01	LinMoving	Max V2	0	390.728	0	18.8553
A8	0	Mov_01	LinMoving	Min V2	0	-671.154	0	-22.8366
A8	0.375	Mov_01	LinMoving	Min V2	0	-671.154	0	-22.8366
A8	0.375	Mov_01	LinMoving	Min V2	0	-633.831	0	0.3825
A8	1	Mov_01	LinMoving	Min V2	0	-633.831	0	0.3825
A8	1	Mov_01	LinMoving	Min V2	0	-634.442	0	-37.8437
A8	1.625	Mov_01	LinMoving	Min V2	0	-634.442	0	-37.8437
A8	1.625	Mov_01	LinMoving	Min V2	0	-597.551	0	-18.8736
A8	2.875	Mov_01	LinMoving	Min V2	0	-597.551	0	-18.8736
A8	2.875	Mov_01	LinMoving	Min V2	0	-561.37	0	-18.7263
A8	4.125	Mov_01	LinMoving	Min V2	0	-561.37	0	-18.7263
A8	4.125	Mov_01	LinMoving	Min V2	0	-525.641	0	-16.5498
A8	5.375	Mov_01	LinMoving	Min V2	0	-525.641	0	-16.5498
A8	5.375	Mov_01	LinMoving	Min V2	0	-490.134	0	0.0863
A8	6	Mov_01	LinMoving	Min V2	0	-490.134	0	0.0863
A8	6	Mov_01	LinMoving	Min V2	0	-490.735	0	-37.8645
A8	6.625	Mov_01	LinMoving	Min V2	0	-490.735	0	-37.8645
A8	6.625	Mov_01	LinMoving	Min V2	0	-455.777	0	-19.0152
A8	7.875	Mov_01	LinMoving	Min V2	0	-455.777	0	-19.0152
A8	7.875	Mov_01	LinMoving	Min V2	0	-421.719	0	-18.8555
A8	9.125	Mov_01	LinMoving	Min V2	0	-421.719	0	-18.8555
A8	9.125	Mov_01	LinMoving	Min V2	0	-388.285	0	-16.6637
A8	9.5	Mov_01	LinMoving	Min V2	0	-388.285	0	-16.6637
A8	0	Mov_01	LinMoving	Max V3	0	0	0	0
A8	0.375	Mov_01	LinMoving	Max V3	0	0	0	0
A8	0.375	Mov_01	LinMoving	Max V3	0	0	0	0
A8	1	Mov_01	LinMoving	Max V3	0	0	0	0
A8	1	Mov_01	LinMoving	Max V3	0	0	0	0
A8	1.625	Mov_01	LinMoving	Max V3	0	0	0	0
A8	1.625	Mov_01	LinMoving	Max V3	0	0	0	0
A8	2.875	Mov_01	LinMoving	Max V3	0	0	0	0
A8	2.875	Mov_01	LinMoving	Max V3	0	0	0	0
A8	2.875	Mov_01	LinMoving	Max V3	0	0	0	0
A8	4.125	Mov_01	LinMoving	Max V3	0	0	0	0
A8	4.125	Mov_01	LinMoving	Max V3	0	0	0	0
A8	4.125	Mov_01	LinMoving	Max V3	0	0	0	0
A8	5.375	Mov_01	LinMoving	Max V3	0	0	0	0
A8	5.375	Mov_01	LinMoving	Max V3	0	0	0	0
A8	5.375	Mov_01	LinMoving	Max V3	0	0	0	0
A8	6	Mov_01	LinMoving	Max V3	0	0	0	0
A8	6	Mov_01	LinMoving	Max V3	0	0	0	0
A8	6	Mov_01	LinMoving	Max V3	0	0	0	0
A8	6.625	Mov_01	LinMoving	Max V3	0	0	0	0
A8	6.625	Mov_01	LinMoving	Max V3	0	0	0	0
A8	6.625	Mov_01	LinMoving	Max V3	0	0	0	0
A8	7.875	Mov_01	LinMoving	Max V3	0	0	0	0
A8	7.875	Mov_01	LinMoving	Max V3	0	0	0	0
A8	7.875	Mov_01	LinMoving	Max V3	0	0	0	0
A8	9.125	Mov_01	LinMoving	Max V3	0	0	0	0
A8	9.125	Mov_01	LinMoving	Max V3	0	0	0	0
A8	9.125	Mov_01	LinMoving	Max V3	0	0	0	0
A8	9.5	Mov_01	LinMoving	Max V3	0	0	0	0
A8	9.5	Mov_01	LinMoving	Max V3	0	0	0	0
A8	0	Mov_01	LinMoving	Min V3	0	0	0	0
A8	0.375	Mov_01	LinMoving	Min V3	0	0	0	0
A8	0.375	Mov_01	LinMoving	Min V3	0	0	0	0
A8	1	Mov_01	LinMoving	Min V3	0	0	0	0
A8	1	Mov_01	LinMoving	Min V3	0	0	0	0
A8	1	Mov_01	LinMoving	Min V3	0	0	0	0
A8	1.625	Mov_01	LinMoving	Min V3	0	0	0	0

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

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
A8	1.625	Mov_01	LinMoving	Min V3	0	0	0	0
A8	2.875	Mov_01	LinMoving	Min V3	0	0	0	0
A8	2.875	Mov_01	LinMoving	Min V3	0	0	0	0
A8	4.125	Mov_01	LinMoving	Min V3	0	0	0	0
A8	4.125	Mov_01	LinMoving	Min V3	0	0	0	0
A8	5.375	Mov_01	LinMoving	Min V3	0	0	0	0
A8	5.375	Mov_01	LinMoving	Min V3	0	0	0	0
A8	6	Mov_01	LinMoving	Min V3	0	0	0	0
A8	6	Mov_01	LinMoving	Min V3	0	0	0	0
A8	6.625	Mov_01	LinMoving	Min V3	0	0	0	0
A8	6.625	Mov_01	LinMoving	Min V3	0	0	0	0
A8	7.875	Mov_01	LinMoving	Min V3	0	0	0	0
A8	7.875	Mov_01	LinMoving	Min V3	0	0	0	0
A8	9.125	Mov_01	LinMoving	Min V3	0	0	0	0
A8	9.125	Mov_01	LinMoving	Min V3	0	0	0	0
A8	9.5	Mov_01	LinMoving	Min V3	0	0	0	0
A8	0	Mov_01	LinMoving	Max T	0	-22.753	0	26.689
A8	0.375	Mov_01	LinMoving	Max T	0	-22.753	0	26.689
A8	0.375	Mov_01	LinMoving	Max T	0	-28.996	0	38.5254
A8	1	Mov_01	LinMoving	Max T	0	-28.996	0	38.5254
A8	1	Mov_01	LinMoving	Max T	0	13.934	0	0.5689
A8	1.625	Mov_01	LinMoving	Max T	0	13.934	0	0.5689
A8	1.625	Mov_01	LinMoving	Max T	0	8.411	0	16.8041
A8	2.875	Mov_01	LinMoving	Max T	0	8.411	0	16.8041
A8	2.875	Mov_01	LinMoving	Max T	0	26.732	0	18.9791
A8	4.125	Mov_01	LinMoving	Max T	0	26.732	0	18.9791
A8	4.125	Mov_01	LinMoving	Max T	0	55.425	0	19.1292
A8	5.375	Mov_01	LinMoving	Max T	0	55.425	0	19.1292
A8	5.375	Mov_01	LinMoving	Max T	0	56.207	0	38.5658
A8	6	Mov_01	LinMoving	Max T	0	56.207	0	38.5658
A8	6	Mov_01	LinMoving	Max T	0	12.77	0	0.4359
A8	6.625	Mov_01	LinMoving	Max T	0	12.77	0	0.4359
A8	6.625	Mov_01	LinMoving	Max T	0	131.35	0	16.6804
A8	7.875	Mov_01	LinMoving	Max T	0	131.35	0	16.6804
A8	7.875	Mov_01	LinMoving	Max T	0	169.045	0	18.8702
A8	9.125	Mov_01	LinMoving	Max T	0	169.045	0	18.8702
A8	9.125	Mov_01	LinMoving	Max T	0	201.399	0	19.0328
A8	9.5	Mov_01	LinMoving	Max T	0	201.399	0	19.0328
A8	0	Mov_01	LinMoving	Min T	0	-479.223	0	-23.2394
A8	0.375	Mov_01	LinMoving	Min T	0	-479.223	0	-23.2394
A8	0.375	Mov_01	LinMoving	Min T	0	-275.547	0	-0.4809
A8	1	Mov_01	LinMoving	Min T	0	-275.547	0	-0.4809
A8	1	Mov_01	LinMoving	Min T	0	-397.857	0	-38.4994
A8	1.625	Mov_01	LinMoving	Min T	0	-397.857	0	-38.4994
A8	1.625	Mov_01	LinMoving	Min T	0	-392.269	0	-19.0525
A8	2.875	Mov_01	LinMoving	Min T	0	-392.269	0	-19.0525
A8	2.875	Mov_01	LinMoving	Min T	0	-346.872	0	-18.8921
A8	4.125	Mov_01	LinMoving	Min T	0	-346.872	0	-18.8921
A8	4.125	Mov_01	LinMoving	Min T	0	-312.149	0	-16.708
A8	5.375	Mov_01	LinMoving	Min T	0	-312.149	0	-16.708
A8	5.375	Mov_01	LinMoving	Min T	0	-156.928	0	-0.4864
A8	6	Mov_01	LinMoving	Min T	0	-156.928	0	-0.4864
A8	6	Mov_01	LinMoving	Min T	0	-259.625	0	-38.5975

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

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
A8	6.625	Mov_01	LinMoving	Min T	0	-259.625	0	-38.5975
A8	6.625	Mov_01	LinMoving	Min T	0	-260.262	0	-19.1641
A8	7.875	Mov_01	LinMoving	Min T	0	-260.262	0	-19.1641
A8	7.875	Mov_01	LinMoving	Min T	0	-232.593	0	-19.0166
A8	9.125	Mov_01	LinMoving	Min T	0	-232.593	0	-19.0166
A8	9.125	Mov_01	LinMoving	Min T	0	-198.916	0	-16.8412
A8	9.5	Mov_01	LinMoving	Min T	0	-198.916	0	-16.8412
A8	0	Mov_01	LinMoving	Max M2	0	0	0	0
A8	0.375	Mov_01	LinMoving	Max M2	0	0	0	0
A8	0.375	Mov_01	LinMoving	Max M2	0	0	0	0
A8	1	Mov_01	LinMoving	Max M2	0	0	0	0
A8	1	Mov_01	LinMoving	Max M2	0	0	0	0
A8	1.625	Mov_01	LinMoving	Max M2	0	0	0	0
A8	1.625	Mov_01	LinMoving	Max M2	0	0	0	0
A8	2.875	Mov_01	LinMoving	Max M2	0	0	0	0
A8	2.875	Mov_01	LinMoving	Max M2	0	0	0	0
A8	4.125	Mov_01	LinMoving	Max M2	0	0	0	0
A8	4.125	Mov_01	LinMoving	Max M2	0	0	0	0
A8	5.375	Mov_01	LinMoving	Max M2	0	0	0	0
A8	5.375	Mov_01	LinMoving	Max M2	0	0	0	0
A8	6	Mov_01	LinMoving	Max M2	0	0	0	0
A8	6	Mov_01	LinMoving	Max M2	0	0	0	0
A8	6.625	Mov_01	LinMoving	Max M2	0	0	0	0
A8	6.625	Mov_01	LinMoving	Max M2	0	0	0	0
A8	7.875	Mov_01	LinMoving	Max M2	0	0	0	0
A8	7.875	Mov_01	LinMoving	Max M2	0	0	0	0
A8	9.125	Mov_01	LinMoving	Max M2	0	0	0	0
A8	9.125	Mov_01	LinMoving	Max M2	0	0	0	0
A8	9.5	Mov_01	LinMoving	Max M2	0	0	0	0
A8	0	Mov_01	LinMoving	Min M2	0	0	0	0
A8	0.375	Mov_01	LinMoving	Min M2	0	0	0	0
A8	0.375	Mov_01	LinMoving	Min M2	0	0	0	0
A8	1	Mov_01	LinMoving	Min M2	0	0	0	0
A8	1	Mov_01	LinMoving	Min M2	0	0	0	0
A8	1.625	Mov_01	LinMoving	Min M2	0	0	0	0
A8	1.625	Mov_01	LinMoving	Min M2	0	0	0	0
A8	2.875	Mov_01	LinMoving	Min M2	0	0	0	0
A8	2.875	Mov_01	LinMoving	Min M2	0	0	0	0
A8	4.125	Mov_01	LinMoving	Min M2	0	0	0	0
A8	4.125	Mov_01	LinMoving	Min M2	0	0	0	0
A8	5.375	Mov_01	LinMoving	Min M2	0	0	0	0
A8	5.375	Mov_01	LinMoving	Min M2	0	0	0	0
A8	6	Mov_01	LinMoving	Min M2	0	0	0	0
A8	6	Mov_01	LinMoving	Min M2	0	0	0	0
A8	6.625	Mov_01	LinMoving	Min M2	0	0	0	0
A8	6.625	Mov_01	LinMoving	Min M2	0	0	0	0
A8	7.875	Mov_01	LinMoving	Min M2	0	0	0	0
A8	7.875	Mov_01	LinMoving	Min M2	0	0	0	0
A8	9.125	Mov_01	LinMoving	Min M2	0	0	0	0
A8	9.125	Mov_01	LinMoving	Min M2	0	0	0	0
A8	9.5	Mov_01	LinMoving	Min M2	0	0	0	0
A8	0	Mov_01	LinMoving	Max M3	0	-452.675	0	-10.759
A8	0.375	Mov_01	LinMoving	Max M3	0	-529.19	0	-15.9246

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

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
A8	0.375	Mov_01	LinMoving	Max M3	0	-145.859	0	37.1671
A8	1	Mov_01	LinMoving	Max M3	0	-311.91	0	30.3762
A8	1	Mov_01	LinMoving	Max M3	0	-312.9	0	-35.7406
A8	1.625	Mov_01	LinMoving	Max M3	0	-484.884	0	-37.8613
A8	1.625	Mov_01	LinMoving	Max M3	0	-101.992	0	7.6598
A8	2.875	Mov_01	LinMoving	Max M3	0	-439.672	0	-13.9054
A8	2.875	Mov_01	LinMoving	Max M3	0	-57.116	0	9.3977
A8	4.125	Mov_01	LinMoving	Max M3	0	-394.256	0	-13.3274
A8	4.125	Mov_01	LinMoving	Max M3	0	-11.77	0	10.1893
A8	5.375	Mov_01	LinMoving	Max M3	0	-348.387	0	-11.3904
A8	5.375	Mov_01	LinMoving	Max M3	0	110.317	0	37.9866
A8	6	Mov_01	LinMoving	Max M3	0	-102.536	0	33.7989
A8	6	Mov_01	LinMoving	Max M3	0	-103.705	0	-35.71
A8	6.625	Mov_01	LinMoving	Max M3	0	-302.385	0	-38.058
A8	6.625	Mov_01	LinMoving	Max M3	0	156.17	0	11.3192
A8	7.875	Mov_01	LinMoving	Max M3	0	-255.464	0	-14.1042
A8	7.875	Mov_01	LinMoving	Max M3	0	202.703	0	13.2577
A8	9.125	Mov_01	LinMoving	Max M3	0	-208.44	0	-13.5242
A8	9.125	Mov_01	LinMoving	Max M3	0	249.596	0	13.8371
A8	9.5	Mov_01	LinMoving	Max M3	0	97.976	0	5.8321
A8	0	Mov_01	LinMoving	Min M3	0	-101.1	0	0.0481
A8	0.375	Mov_01	LinMoving	Min M3	0	-101.1	0	0.0481
A8	0.375	Mov_01	LinMoving	Min M3	0	-101.103	0	0.0404
A8	1	Mov_01	LinMoving	Min M3	0	-101.103	0	0.0404
A8	1	Mov_01	LinMoving	Min M3	0	-101.102	0	0.0398
A8	1.625	Mov_01	LinMoving	Min M3	0	-101.102	0	0.0398
A8	1.625	Mov_01	LinMoving	Min M3	0	-101.1	0	0.0458
A8	2.875	Mov_01	LinMoving	Min M3	0	-101.1	0	0.0458
A8	2.875	Mov_01	LinMoving	Min M3	0	-101.098	0	0.0516
A8	4.125	Mov_01	LinMoving	Min M3	0	-101.097	0	0.0516
A8	4.125	Mov_01	LinMoving	Min M3	0	-101.096	0	0.0569
A8	5.375	Mov_01	LinMoving	Min M3	0	-101.095	0	0.0569
A8	5.375	Mov_01	LinMoving	Min M3	0	-101.094	0	0.0606
A8	6	Mov_01	LinMoving	Min M3	0	-101.093	0	0.0606
A8	6	Mov_01	LinMoving	Min M3	0	-101.093	0	0.0634
A8	6.625	Mov_01	LinMoving	Min M3	0	-101.092	0	0.0634
A8	6.625	Mov_01	LinMoving	Min M3	0	-101.091	0	0.0668
A8	7.875	Mov_01	LinMoving	Min M3	0	-101.077	0	0.0666
A8	7.875	Mov_01	LinMoving	Min M3	0	-101.076	0	0.0708
A8	9.125	Mov_01	LinMoving	Min M3	0	-101.075	0	0.0708
A8	9.125	Mov_01	LinMoving	Min M3	0	-101.074	0	0.0748
A8	9.5	Mov_01	LinMoving	Min M3	0	-101.074	0	0.0748
A9	0	Mov_01	LinMoving	Max P	0	0	0	0
A9	0.875	Mov_01	LinMoving	Max P	0	0	0	0
A9	0.875	Mov_01	LinMoving	Max P	0	0	0	0
A9	1.5	Mov_01	LinMoving	Max P	0	0	0	0
A9	1.5	Mov_01	LinMoving	Max P	0	0	0	0
A9	2.125	Mov_01	LinMoving	Max P	0	0	0	0
A9	2.125	Mov_01	LinMoving	Max P	0	0	0	0
A9	3.375	Mov_01	LinMoving	Max P	0	0	0	0
A9	3.375	Mov_01	LinMoving	Max P	0	0	0	0
A9	4.625	Mov_01	LinMoving	Max P	0	0	0	0
A9	4.625	Mov_01	LinMoving	Max P	0	0	0	0

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

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
A9	5.875	Mov_01	LinMoving	Max P	0	0	0	0
A9	5.875	Mov_01	LinMoving	Max P	0	0	0	0
A9	6.5	Mov_01	LinMoving	Max P	0	0	0	0
A9	6.5	Mov_01	LinMoving	Max P	0	0	0	0
A9	7.125	Mov_01	LinMoving	Max P	0	0	0	0
A9	7.125	Mov_01	LinMoving	Max P	0	0	0	0
A9	8.375	Mov_01	LinMoving	Max P	0	0	0	0
A9	8.375	Mov_01	LinMoving	Max P	0	0	0	0
A9	9.625	Mov_01	LinMoving	Max P	0	0	0	0
A9	9.625	Mov_01	LinMoving	Max P	0	0	0	0
A9	10	Mov_01	LinMoving	Max P	0	0	0	0
A9	0	Mov_01	LinMoving	Min P	0	0	0	0
A9	0.875	Mov_01	LinMoving	Min P	0	0	0	0
A9	0.875	Mov_01	LinMoving	Min P	0	0	0	0
A9	1.5	Mov_01	LinMoving	Min P	0	0	0	0
A9	1.5	Mov_01	LinMoving	Min P	0	0	0	0
A9	2.125	Mov_01	LinMoving	Min P	0	0	0	0
A9	2.125	Mov_01	LinMoving	Min P	0	0	0	0
A9	3.375	Mov_01	LinMoving	Min P	0	0	0	0
A9	3.375	Mov_01	LinMoving	Min P	0	0	0	0
A9	4.625	Mov_01	LinMoving	Min P	0	0	0	0
A9	4.625	Mov_01	LinMoving	Min P	0	0	0	0
A9	5.875	Mov_01	LinMoving	Min P	0	0	0	0
A9	5.875	Mov_01	LinMoving	Min P	0	0	0	0
A9	6.5	Mov_01	LinMoving	Min P	0	0	0	0
A9	6.5	Mov_01	LinMoving	Min P	0	0	0	0
A9	7.125	Mov_01	LinMoving	Min P	0	0	0	0
A9	7.125	Mov_01	LinMoving	Min P	0	0	0	0
A9	8.375	Mov_01	LinMoving	Min P	0	0	0	0
A9	8.375	Mov_01	LinMoving	Min P	0	0	0	0
A9	9.625	Mov_01	LinMoving	Min P	0	0	0	0
A9	9.625	Mov_01	LinMoving	Min P	0	0	0	0
A9	10	Mov_01	LinMoving	Min P	0	0	0	0
A9	0	Mov_01	LinMoving	Max V2	0	390.728	0	18.8553
A9	0.875	Mov_01	LinMoving	Max V2	0	390.728	0	18.8553
A9	0.875	Mov_01	LinMoving	Max V2	0	425.029	0	37.6538
A9	1.5	Mov_01	LinMoving	Max V2	0	425.029	0	37.6538
A9	1.5	Mov_01	LinMoving	Max V2	0	424.428	0	-0.2178
A9	2.125	Mov_01	LinMoving	Max V2	0	424.428	0	-0.2178
A9	2.125	Mov_01	LinMoving	Max V2	0	460.089	0	16.3687
A9	3.375	Mov_01	LinMoving	Max V2	0	460.089	0	16.3687
A9	3.375	Mov_01	LinMoving	Max V2	0	496.832	0	18.5349
A9	4.625	Mov_01	LinMoving	Max V2	0	496.832	0	18.5349
A9	4.625	Mov_01	LinMoving	Max V2	0	534.926	0	18.6733
A9	5.875	Mov_01	LinMoving	Max V2	0	534.926	0	18.6733
A9	5.875	Mov_01	LinMoving	Max V2	0	574.668	0	37.6219
A9	6.5	Mov_01	LinMoving	Max V2	0	574.668	0	37.6219
A9	6.5	Mov_01	LinMoving	Max V2	0	574.058	0	-0.5825
A9	7.125	Mov_01	LinMoving	Max V2	0	574.058	0	-0.5825
A9	7.125	Mov_01	LinMoving	Max V2	0	615.12	0	16.1592
A9	8.375	Mov_01	LinMoving	Max V2	0	615.12	0	16.1592
A9	8.375	Mov_01	LinMoving	Max V2	0	657.206	0	18.2825
A9	9.625	Mov_01	LinMoving	Max V2	0	657.206	0	18.2825

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

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
A9	9.625	Mov_01	LinMoving	Max V2	0	700.527	0	10.3325
A9	10	Mov_01	LinMoving	Max V2	0	700.527	0	10.3325
A9	0	Mov_01	LinMoving	Min V2	0	-388.285	0	-16.6637
A9	0.875	Mov_01	LinMoving	Min V2	0	-388.285	0	-16.6637
A9	0.875	Mov_01	LinMoving	Min V2	0	-355.233	0	-0.1595
A9	1.5	Mov_01	LinMoving	Min V2	0	-355.233	0	-0.1595
A9	1.5	Mov_01	LinMoving	Min V2	0	-355.824	0	-37.7966
A9	2.125	Mov_01	LinMoving	Min V2	0	-355.824	0	-37.7966
A9	2.125	Mov_01	LinMoving	Min V2	0	-323.473	0	-19.076
A9	3.375	Mov_01	LinMoving	Min V2	0	-323.473	0	-19.076
A9	3.375	Mov_01	LinMoving	Min V2	0	-292.173	0	-18.8972
A9	4.625	Mov_01	LinMoving	Min V2	0	-292.173	0	-18.8972
A9	4.625	Mov_01	LinMoving	Min V2	0	-261.664	0	-16.6851
A9	5.875	Mov_01	LinMoving	Min V2	0	-261.664	0	-16.6851
A9	5.875	Mov_01	LinMoving	Min V2	0	-231.721	0	-0.3141
A9	6.5	Mov_01	LinMoving	Min V2	0	-231.721	0	-0.3141
A9	6.5	Mov_01	LinMoving	Min V2	0	-232.299	0	-37.6107
A9	7.125	Mov_01	LinMoving	Min V2	0	-232.299	0	-37.6107
A9	7.125	Mov_01	LinMoving	Min V2	0	-203.226	0	-19.0595
A9	8.375	Mov_01	LinMoving	Min V2	0	-203.226	0	-19.0595
A9	8.375	Mov_01	LinMoving	Min V2	0	-175.382	0	-18.9207
A9	9.625	Mov_01	LinMoving	Min V2	0	-175.382	0	-18.9207
A9	9.625	Mov_01	LinMoving	Min V2	0	-148.372	0	-9.9982
A9	10	Mov_01	LinMoving	Min V2	0	-148.372	0	-9.9982
A9	0	Mov_01	LinMoving	Max V3	0	0	0	0
A9	0.875	Mov_01	LinMoving	Max V3	0	0	0	0
A9	0.875	Mov_01	LinMoving	Max V3	0	0	0	0
A9	1.5	Mov_01	LinMoving	Max V3	0	0	0	0
A9	1.5	Mov_01	LinMoving	Max V3	0	0	0	0
A9	2.125	Mov_01	LinMoving	Max V3	0	0	0	0
A9	2.125	Mov_01	LinMoving	Max V3	0	0	0	0
A9	3.375	Mov_01	LinMoving	Max V3	0	0	0	0
A9	3.375	Mov_01	LinMoving	Max V3	0	0	0	0
A9	4.625	Mov_01	LinMoving	Max V3	0	0	0	0
A9	4.625	Mov_01	LinMoving	Max V3	0	0	0	0
A9	5.875	Mov_01	LinMoving	Max V3	0	0	0	0
A9	5.875	Mov_01	LinMoving	Max V3	0	0	0	0
A9	6.5	Mov_01	LinMoving	Max V3	0	0	0	0
A9	6.5	Mov_01	LinMoving	Max V3	0	0	0	0
A9	7.125	Mov_01	LinMoving	Max V3	0	0	0	0
A9	7.125	Mov_01	LinMoving	Max V3	0	0	0	0
A9	8.375	Mov_01	LinMoving	Max V3	0	0	0	0
A9	8.375	Mov_01	LinMoving	Max V3	0	0	0	0
A9	9.625	Mov_01	LinMoving	Max V3	0	0	0	0
A9	9.625	Mov_01	LinMoving	Max V3	0	0	0	0
A9	10	Mov_01	LinMoving	Max V3	0	0	0	0
A9	0	Mov_01	LinMoving	Min V3	0	0	0	0
A9	0.875	Mov_01	LinMoving	Min V3	0	0	0	0
A9	0.875	Mov_01	LinMoving	Min V3	0	0	0	0
A9	1.5	Mov_01	LinMoving	Min V3	0	0	0	0
A9	1.5	Mov_01	LinMoving	Min V3	0	0	0	0
A9	2.125	Mov_01	LinMoving	Min V3	0	0	0	0
A9	2.125	Mov_01	LinMoving	Min V3	0	0	0	0

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

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
A9	3.375	Mov_01	LinMoving	Min V3	0	0	0	0
A9	3.375	Mov_01	LinMoving	Min V3	0	0	0	0
A9	4.625	Mov_01	LinMoving	Min V3	0	0	0	0
A9	4.625	Mov_01	LinMoving	Min V3	0	0	0	0
A9	5.875	Mov_01	LinMoving	Min V3	0	0	0	0
A9	5.875	Mov_01	LinMoving	Min V3	0	0	0	0
A9	6.5	Mov_01	LinMoving	Min V3	0	0	0	0
A9	6.5	Mov_01	LinMoving	Min V3	0	0	0	0
A9	7.125	Mov_01	LinMoving	Min V3	0	0	0	0
A9	7.125	Mov_01	LinMoving	Min V3	0	0	0	0
A9	8.375	Mov_01	LinMoving	Min V3	0	0	0	0
A9	8.375	Mov_01	LinMoving	Min V3	0	0	0	0
A9	9.625	Mov_01	LinMoving	Min V3	0	0	0	0
A9	9.625	Mov_01	LinMoving	Min V3	0	0	0	0
A9	10	Mov_01	LinMoving	Min V3	0	0	0	0
A9	0	Mov_01	LinMoving	Max T	0	201.399	0	19.0328
A9	0.875	Mov_01	LinMoving	Max T	0	201.399	0	19.0328
A9	0.875	Mov_01	LinMoving	Max T	0	218.06	0	38.4791
A9	1.5	Mov_01	LinMoving	Max T	0	218.06	0	38.4791
A9	1.5	Mov_01	LinMoving	Max T	0	141.978	0	0.4454
A9	2.125	Mov_01	LinMoving	Max T	0	141.978	0	0.4454
A9	2.125	Mov_01	LinMoving	Max T	0	289.737	0	16.6371
A9	3.375	Mov_01	LinMoving	Max T	0	289.737	0	16.6371
A9	3.375	Mov_01	LinMoving	Max T	0	320.953	0	18.8403
A9	4.625	Mov_01	LinMoving	Max T	0	320.953	0	18.8403
A9	4.625	Mov_01	LinMoving	Max T	0	344.444	0	19.024
A9	5.875	Mov_01	LinMoving	Max T	0	344.444	0	19.024
A9	5.875	Mov_01	LinMoving	Max T	0	338.535	0	38.4856
A9	6.5	Mov_01	LinMoving	Max T	0	338.535	0	38.4856
A9	6.5	Mov_01	LinMoving	Max T	0	-6.797	0	0.5245
A9	7.125	Mov_01	LinMoving	Max T	0	-6.797	0	0.5245
A9	7.125	Mov_01	LinMoving	Max T	0	380.182	0	16.6624
A9	8.375	Mov_01	LinMoving	Max T	0	380.182	0	16.6624
A9	8.375	Mov_01	LinMoving	Max T	0	417.063	0	18.8294
A9	9.625	Mov_01	LinMoving	Max T	0	417.063	0	18.8294
A9	9.625	Mov_01	LinMoving	Max T	0	442.695	0	10.659
A9	10	Mov_01	LinMoving	Max T	0	442.695	0	10.659
A9	0	Mov_01	LinMoving	Min T	0	-198.916	0	-16.8412
A9	0.875	Mov_01	LinMoving	Min T	0	-198.916	0	-16.8412
A9	0.875	Mov_01	LinMoving	Min T	0	-172.096	0	-0.5983
A9	1.5	Mov_01	LinMoving	Min T	0	-172.096	0	-0.5983
A9	1.5	Mov_01	LinMoving	Min T	0	-141.942	0	-38.7716
A9	2.125	Mov_01	LinMoving	Min T	0	-141.942	0	-38.7716
A9	2.125	Mov_01	LinMoving	Min T	0	-152.366	0	-19.3444
A9	3.375	Mov_01	LinMoving	Min T	0	-152.366	0	-19.3444
A9	3.375	Mov_01	LinMoving	Min T	0	-115.698	0	-19.2026
A9	4.625	Mov_01	LinMoving	Min T	0	-115.698	0	-19.2026
A9	4.625	Mov_01	LinMoving	Min T	0	-71.127	0	-17.0358
A9	5.875	Mov_01	LinMoving	Min T	0	-71.127	0	-17.0358
A9	5.875	Mov_01	LinMoving	Min T	0	-15.764	0	-0.7989
A9	6.5	Mov_01	LinMoving	Min T	0	-15.764	0	-0.7989
A9	6.5	Mov_01	LinMoving	Min T	0	33.599	0	-38.9742
A9	7.125	Mov_01	LinMoving	Min T	0	33.599	0	-38.9742

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

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
A9	7.125	Mov_01	LinMoving	Min T	0	31.768	0	-19.5628
A9	8.375	Mov_01	LinMoving	Min T	0	31.768	0	-19.5628
A9	8.375	Mov_01	LinMoving	Min T	0	64.816	0	-19.4677
A9	9.625	Mov_01	LinMoving	Min T	0	64.816	0	-19.4677
A9	9.625	Mov_01	LinMoving	Min T	0	109.506	0	-10.3246
A9	10	Mov_01	LinMoving	Min T	0	109.506	0	-10.3246
A9	0	Mov_01	LinMoving	Max M2	0	0	0	0
A9	0.875	Mov_01	LinMoving	Max M2	0	0	0	0
A9	0.875	Mov_01	LinMoving	Max M2	0	0	0	0
A9	1.5	Mov_01	LinMoving	Max M2	0	0	0	0
A9	1.5	Mov_01	LinMoving	Max M2	0	0	0	0
A9	2.125	Mov_01	LinMoving	Max M2	0	0	0	0
A9	2.125	Mov_01	LinMoving	Max M2	0	0	0	0
A9	3.375	Mov_01	LinMoving	Max M2	0	0	0	0
A9	3.375	Mov_01	LinMoving	Max M2	0	0	0	0
A9	4.625	Mov_01	LinMoving	Max M2	0	0	0	0
A9	4.625	Mov_01	LinMoving	Max M2	0	0	0	0
A9	5.875	Mov_01	LinMoving	Max M2	0	0	0	0
A9	5.875	Mov_01	LinMoving	Max M2	0	0	0	0
A9	6.5	Mov_01	LinMoving	Max M2	0	0	0	0
A9	6.5	Mov_01	LinMoving	Max M2	0	0	0	0
A9	7.125	Mov_01	LinMoving	Max M2	0	0	0	0
A9	7.125	Mov_01	LinMoving	Max M2	0	0	0	0
A9	8.375	Mov_01	LinMoving	Max M2	0	0	0	0
A9	8.375	Mov_01	LinMoving	Max M2	0	0	0	0
A9	9.625	Mov_01	LinMoving	Max M2	0	0	0	0
A9	9.625	Mov_01	LinMoving	Max M2	0	0	0	0
A9	10	Mov_01	LinMoving	Max M2	0	0	0	0
A9	0	Mov_01	LinMoving	Min M2	0	0	0	0
A9	0.875	Mov_01	LinMoving	Min M2	0	0	0	0
A9	0.875	Mov_01	LinMoving	Min M2	0	0	0	0
A9	1.5	Mov_01	LinMoving	Min M2	0	0	0	0
A9	1.5	Mov_01	LinMoving	Min M2	0	0	0	0
A9	2.125	Mov_01	LinMoving	Min M2	0	0	0	0
A9	2.125	Mov_01	LinMoving	Min M2	0	0	0	0
A9	3.375	Mov_01	LinMoving	Min M2	0	0	0	0
A9	3.375	Mov_01	LinMoving	Min M2	0	0	0	0
A9	4.625	Mov_01	LinMoving	Min M2	0	0	0	0
A9	4.625	Mov_01	LinMoving	Min M2	0	0	0	0
A9	5.875	Mov_01	LinMoving	Min M2	0	0	0	0
A9	5.875	Mov_01	LinMoving	Min M2	0	0	0	0
A9	6.5	Mov_01	LinMoving	Min M2	0	0	0	0
A9	6.5	Mov_01	LinMoving	Min M2	0	0	0	0
A9	7.125	Mov_01	LinMoving	Min M2	0	0	0	0
A9	7.125	Mov_01	LinMoving	Min M2	0	0	0	0
A9	8.375	Mov_01	LinMoving	Min M2	0	0	0	0
A9	8.375	Mov_01	LinMoving	Min M2	0	0	0	0
A9	9.625	Mov_01	LinMoving	Min M2	0	0	0	0
A9	9.625	Mov_01	LinMoving	Min M2	0	0	0	0
A9	10	Mov_01	LinMoving	Min M2	0	0	0	0
A9	0	Mov_01	LinMoving	Max M3	0	97.976	0	5.8321
A9	0.875	Mov_01	LinMoving	Max M3	0	-85.331	0	-7.7262
A9	0.875	Mov_01	LinMoving	Max M3	0	297.105	0	37.7902

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

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
A9	1.5	Mov_01	LinMoving	Max M3	0	126.562	0	35.6656
A9	1.5	Mov_01	LinMoving	Max M3	0	125.571	0	-31.1229
A9	2.125	Mov_01	LinMoving	Max M3	0	-38.178	0	-37.7261
A9	2.125	Mov_01	LinMoving	Max M3	0	344.432	0	11.1243
A9	3.375	Mov_01	LinMoving	Max M3	0	29.536	0	-8.152
A9	3.375	Mov_01	LinMoving	Max M3	0	413.218	0	15.7255
A9	4.625	Mov_01	LinMoving	Max M3	0	180.672	0	-1.2412
A9	4.625	Mov_01	LinMoving	Max M3	0	461.417	0	16.1363
A9	5.875	Mov_01	LinMoving	Max M3	0	229.091	0	0.077
A9	5.875	Mov_01	LinMoving	Max M3	0	510.363	0	38.088
A9	6.5	Mov_01	LinMoving	Max M3	0	414.069	0	37.0925
A9	6.5	Mov_01	LinMoving	Max M3	0	413.089	0	-19.1579
A9	7.125	Mov_01	LinMoving	Max M3	0	277.168	0	-36.0691
A9	7.125	Mov_01	LinMoving	Max M3	0	558.589	0	13.4659
A9	8.375	Mov_01	LinMoving	Max M3	0	364.422	0	-0.1046
A9	8.375	Mov_01	LinMoving	Max M3	0	607.528	0	15.5039
A9	9.625	Mov_01	LinMoving	Max M3	0	413.481	0	0.8074
A9	9.625	Mov_01	LinMoving	Max M3	0	656.661	0	8.8583
A9	10	Mov_01	LinMoving	Max M3	0	656.66	0	8.8583
A9	0	Mov_01	LinMoving	Min M3	0	-101.074	0	0.0748
A9	0.875	Mov_01	LinMoving	Min M3	0	-101.073	0	0.0748
A9	0.875	Mov_01	LinMoving	Min M3	0	-101.073	0	0.0776
A9	1.5	Mov_01	LinMoving	Min M3	0	-101.072	0	0.0776
A9	1.5	Mov_01	LinMoving	Min M3	0	-101.071	0	0.0797
A9	2.125	Mov_01	LinMoving	Min M3	0	-101.071	0	0.0797
A9	2.125	Mov_01	LinMoving	Min M3	0	-101.071	0	0.0824
A9	3.375	Mov_01	LinMoving	Min M3	0	-101.07	0	0.0824
A9	3.375	Mov_01	LinMoving	Min M3	0	-101.07	0	0.0856
A9	4.625	Mov_01	LinMoving	Min M3	0	-101.069	0	0.0856
A9	4.625	Mov_01	LinMoving	Min M3	0	-101.068	0	0.0885
A9	5.875	Mov_01	LinMoving	Min M3	0	-101.067	0	0.0885
A9	5.875	Mov_01	LinMoving	Min M3	0	-101.067	0	0.0903
A9	6.5	Mov_01	LinMoving	Min M3	0	-101.067	0	0.0903
A9	6.5	Mov_01	LinMoving	Min M3	0	-101.066	0	0.0917
A9	7.125	Mov_01	LinMoving	Min M3	0	-101.065	0	0.0916
A9	7.125	Mov_01	LinMoving	Min M3	0	-101.066	0	0.0933
A9	8.375	Mov_01	LinMoving	Min M3	0	-101.064	0	0.0932
A9	8.375	Mov_01	LinMoving	Min M3	0	-101.065	0	0.0941
A9	9.625	Mov_01	LinMoving	Min M3	0	-101.063	0	0.094
A9	9.625	Mov_01	LinMoving	Min M3	0	-101.08	0	0.0514
A9	10	Mov_01	LinMoving	Min M3	0	-101.079	0	0.0514
A10	0	Mov_01	LinMoving	Max P	0	0	0	0
A10	0.875	Mov_01	LinMoving	Max P	0	0	0	0
A10	0.875	Mov_01	LinMoving	Max P	0	0	0	0
A10	1.5	Mov_01	LinMoving	Max P	0	0	0	0
A10	1.5	Mov_01	LinMoving	Max P	0	0	0	0
A10	2.125	Mov_01	LinMoving	Max P	0	0	0	0
A10	2.125	Mov_01	LinMoving	Max P	0	0	0	0
A10	3.375	Mov_01	LinMoving	Max P	0	0	0	0
A10	3.375	Mov_01	LinMoving	Max P	0	0	0	0
A10	4.625	Mov_01	LinMoving	Max P	0	0	0	0
A10	4.625	Mov_01	LinMoving	Max P	0	0	0	0
A10	5.875	Mov_01	LinMoving	Max 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
A10	5.875	Mov_01	LinMoving	Max P	0	0	0	0
A10	6.5	Mov_01	LinMoving	Max P	0	0	0	0
A10	0	Mov_01	LinMoving	Min P	0	0	0	0
A10	0.875	Mov_01	LinMoving	Min P	0	0	0	0
A10	0.875	Mov_01	LinMoving	Min P	0	0	0	0
A10	1.5	Mov_01	LinMoving	Min P	0	0	0	0
A10	1.5	Mov_01	LinMoving	Min P	0	0	0	0
A10	2.125	Mov_01	LinMoving	Min P	0	0	0	0
A10	2.125	Mov_01	LinMoving	Min P	0	0	0	0
A10	3.375	Mov_01	LinMoving	Min P	0	0	0	0
A10	3.375	Mov_01	LinMoving	Min P	0	0	0	0
A10	4.625	Mov_01	LinMoving	Min P	0	0	0	0
A10	4.625	Mov_01	LinMoving	Min P	0	0	0	0
A10	5.875	Mov_01	LinMoving	Min P	0	0	0	0
A10	5.875	Mov_01	LinMoving	Min P	0	0	0	0
A10	6.5	Mov_01	LinMoving	Min P	0	0	0	0
A10	0	Mov_01	LinMoving	Max V2	0	700.527	0	10.3325
A10	0.875	Mov_01	LinMoving	Max V2	0	700.527	0	10.3325
A10	0.875	Mov_01	LinMoving	Max V2	0	745.285	0	17.9335
A10	1.5	Mov_01	LinMoving	Max V2	0	745.285	0	17.9335
A10	1.5	Mov_01	LinMoving	Max V2	0	745.003	0	-0.5675
A10	2.125	Mov_01	LinMoving	Max V2	0	745.003	0	-0.5675
A10	2.125	Mov_01	LinMoving	Max V2	0	791.038	0	8.1096
A10	3.375	Mov_01	LinMoving	Max V2	0	791.038	0	8.1096
A10	3.375	Mov_01	LinMoving	Max V2	0	838.227	0	8.6008
A10	4.625	Mov_01	LinMoving	Max V2	0	838.227	0	8.6008
A10	4.625	Mov_01	LinMoving	Max V2	0	886.686	0	8.5425
A10	5.875	Mov_01	LinMoving	Max V2	0	886.686	0	8.5425
A10	5.875	Mov_01	LinMoving	Max V2	0	934.942	0	17.9009
A10	6.5	Mov_01	LinMoving	Max V2	0	934.942	0	17.9009
A10	0	Mov_01	LinMoving	Min V2	0	-148.372	0	-9.9982
A10	0.875	Mov_01	LinMoving	Min V2	0	-148.372	0	-9.9982
A10	0.875	Mov_01	LinMoving	Min V2	0	-122.309	0	-0.0675
A10	1.5	Mov_01	LinMoving	Min V2	0	-122.309	0	-0.0675
A10	1.5	Mov_01	LinMoving	Min V2	0	-122.565	0	-17.7716
A10	2.125	Mov_01	LinMoving	Min V2	0	-122.565	0	-17.7716
A10	2.125	Mov_01	LinMoving	Min V2	0	-104.83	0	-0.4495
A10	3.375	Mov_01	LinMoving	Min V2	0	-104.83	0	-0.4495
A10	3.375	Mov_01	LinMoving	Min V2	0	-102.509	0	-0.405
A10	4.625	Mov_01	LinMoving	Min V2	0	-102.509	0	-0.405
A10	4.625	Mov_01	LinMoving	Min V2	0	-101.345	0	-0.2459
A10	5.875	Mov_01	LinMoving	Min V2	0	-101.345	0	-0.2459
A10	5.875	Mov_01	LinMoving	Min V2	0	-101.189	0	0.0446
A10	6.5	Mov_01	LinMoving	Min V2	0	-101.189	0	0.0446
A10	0	Mov_01	LinMoving	Max V3	0	0	0	0
A10	0.875	Mov_01	LinMoving	Max V3	0	0	0	0
A10	0.875	Mov_01	LinMoving	Max V3	0	0	0	0
A10	1.5	Mov_01	LinMoving	Max V3	0	0	0	0
A10	1.5	Mov_01	LinMoving	Max V3	0	0	0	0
A10	2.125	Mov_01	LinMoving	Max V3	0	0	0	0
A10	2.125	Mov_01	LinMoving	Max V3	0	0	0	0
A10	3.375	Mov_01	LinMoving	Max V3	0	0	0	0
A10	3.375	Mov_01	LinMoving	Max V3	0	0	0	0

AUTOSTRADA VALDASTICO A31 NORD
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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
A10	4.625	Mov_01	LinMoving	Max V3	0	0	0	0
A10	4.625	Mov_01	LinMoving	Max V3	0	0	0	0
A10	5.875	Mov_01	LinMoving	Max V3	0	0	0	0
A10	5.875	Mov_01	LinMoving	Max V3	0	0	0	0
A10	6.5	Mov_01	LinMoving	Max V3	0	0	0	0
A10	0	Mov_01	LinMoving	Min V3	0	0	0	0
A10	0.875	Mov_01	LinMoving	Min V3	0	0	0	0
A10	0.875	Mov_01	LinMoving	Min V3	0	0	0	0
A10	1.5	Mov_01	LinMoving	Min V3	0	0	0	0
A10	1.5	Mov_01	LinMoving	Min V3	0	0	0	0
A10	2.125	Mov_01	LinMoving	Min V3	0	0	0	0
A10	2.125	Mov_01	LinMoving	Min V3	0	0	0	0
A10	3.375	Mov_01	LinMoving	Min V3	0	0	0	0
A10	3.375	Mov_01	LinMoving	Min V3	0	0	0	0
A10	4.625	Mov_01	LinMoving	Min V3	0	0	0	0
A10	4.625	Mov_01	LinMoving	Min V3	0	0	0	0
A10	5.875	Mov_01	LinMoving	Min V3	0	0	0	0
A10	5.875	Mov_01	LinMoving	Min V3	0	0	0	0
A10	6.5	Mov_01	LinMoving	Min V3	0	0	0	0
A10	0	Mov_01	LinMoving	Max T	0	442.695	0	10.659
A10	0.875	Mov_01	LinMoving	Max T	0	442.695	0	10.659
A10	0.875	Mov_01	LinMoving	Max T	0	437.753	0	18.4375
A10	1.5	Mov_01	LinMoving	Max T	0	437.753	0	18.4375
A10	1.5	Mov_01	LinMoving	Max T	0	6.877	0	0.2357
A10	2.125	Mov_01	LinMoving	Max T	0	6.877	0	0.2357
A10	2.125	Mov_01	LinMoving	Max T	0	477.357	0	8.4796
A10	3.375	Mov_01	LinMoving	Max T	0	477.357	0	8.4796
A10	3.375	Mov_01	LinMoving	Max T	0	514.632	0	9.0164
A10	4.625	Mov_01	LinMoving	Max T	0	514.632	0	9.0164
A10	4.625	Mov_01	LinMoving	Max T	0	541.448	0	9.0509
A10	5.875	Mov_01	LinMoving	Max T	0	541.448	0	9.0509
A10	5.875	Mov_01	LinMoving	Max T	0	573.21	0	18.185
A10	6.5	Mov_01	LinMoving	Max T	0	573.21	0	18.185
A10	0	Mov_01	LinMoving	Min T	0	109.506	0	-10.3246
A10	0.875	Mov_01	LinMoving	Min T	0	109.506	0	-10.3246
A10	0.875	Mov_01	LinMoving	Min T	0	460.925	0	-0.4225
A10	1.5	Mov_01	LinMoving	Min T	0	460.925	0	-0.4225
A10	1.5	Mov_01	LinMoving	Min T	0	231.134	0	-18.7166
A10	2.125	Mov_01	LinMoving	Min T	0	231.134	0	-18.7166
A10	2.125	Mov_01	LinMoving	Min T	0	216.125	0	-9.2552
A10	3.375	Mov_01	LinMoving	Min T	0	216.125	0	-9.2552
A10	3.375	Mov_01	LinMoving	Min T	0	249.843	0	-9.2306
A10	4.625	Mov_01	LinMoving	Min T	0	249.843	0	-9.2306
A10	4.625	Mov_01	LinMoving	Min T	0	289.225	0	-8.4325
A10	5.875	Mov_01	LinMoving	Min T	0	289.225	0	-8.4325
A10	5.875	Mov_01	LinMoving	Min T	0	579.698	0	-0.497
A10	6.5	Mov_01	LinMoving	Min T	0	579.698	0	-0.497
A10	0	Mov_01	LinMoving	Max M2	0	0	0	0
A10	0.875	Mov_01	LinMoving	Max M2	0	0	0	0
A10	0.875	Mov_01	LinMoving	Max M2	0	0	0	0
A10	1.5	Mov_01	LinMoving	Max M2	0	0	0	0
A10	1.5	Mov_01	LinMoving	Max M2	0	0	0	0
A10	2.125	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
A10	2.125	Mov_01	LinMoving	Max M2	0	0	0	0
A10	3.375	Mov_01	LinMoving	Max M2	0	0	0	0
A10	3.375	Mov_01	LinMoving	Max M2	0	0	0	0
A10	4.625	Mov_01	LinMoving	Max M2	0	0	0	0
A10	4.625	Mov_01	LinMoving	Max M2	0	0	0	0
A10	5.875	Mov_01	LinMoving	Max M2	0	0	0	0
A10	5.875	Mov_01	LinMoving	Max M2	0	0	0	0
A10	6.5	Mov_01	LinMoving	Max M2	0	0	0	0
A10	0	Mov_01	LinMoving	Min M2	0	0	0	0
A10	0.875	Mov_01	LinMoving	Min M2	0	0	0	0
A10	0.875	Mov_01	LinMoving	Min M2	0	0	0	0
A10	1.5	Mov_01	LinMoving	Min M2	0	0	0	0
A10	1.5	Mov_01	LinMoving	Min M2	0	0	0	0
A10	2.125	Mov_01	LinMoving	Min M2	0	0	0	0
A10	2.125	Mov_01	LinMoving	Min M2	0	0	0	0
A10	3.375	Mov_01	LinMoving	Min M2	0	0	0	0
A10	3.375	Mov_01	LinMoving	Min M2	0	0	0	0
A10	4.625	Mov_01	LinMoving	Min M2	0	0	0	0
A10	4.625	Mov_01	LinMoving	Min M2	0	0	0	0
A10	5.875	Mov_01	LinMoving	Min M2	0	0	0	0
A10	5.875	Mov_01	LinMoving	Min M2	0	0	0	0
A10	6.5	Mov_01	LinMoving	Min M2	0	0	0	0
A10	0	Mov_01	LinMoving	Max M3	0	656.66	0	8.8583
A10	0.875	Mov_01	LinMoving	Max M3	0	462.695	0	0.74
A10	0.875	Mov_01	LinMoving	Max M3	0	738.098	0	17.9449
A10	1.5	Mov_01	LinMoving	Max M3	0	706.144	0	18.1989
A10	1.5	Mov_01	LinMoving	Max M3	0	705.702	0	-3.3327
A10	2.125	Mov_01	LinMoving	Max M3	0	534.262	0	-13.2241
A10	2.125	Mov_01	LinMoving	Max M3	0	787.304	0	7.6163
A10	3.375	Mov_01	LinMoving	Max M3	0	584.053	0	1.7971
A10	3.375	Mov_01	LinMoving	Max M3	0	836.812	0	8.1531
A10	4.625	Mov_01	LinMoving	Max M3	0	633.635	0	2.1687
A10	4.625	Mov_01	LinMoving	Max M3	0	886.435	0	8.303
A10	5.875	Mov_01	LinMoving	Max M3	0	683.257	0	2.4935
A10	5.875	Mov_01	LinMoving	Max M3	0	933.538	0	17.4728
A10	6.5	Mov_01	LinMoving	Max M3	0	-4.32	0	0.387
A10	0	Mov_01	LinMoving	Min M3	0	-101.079	0	0.0514
A10	0.875	Mov_01	LinMoving	Min M3	0	-101.077	0	0.0513
A10	0.875	Mov_01	LinMoving	Min M3	0	-101.083	0	0.0429
A10	1.5	Mov_01	LinMoving	Min M3	0	-101.081	0	0.0429
A10	1.5	Mov_01	LinMoving	Min M3	0	-101.081	0	0.043
A10	2.125	Mov_01	LinMoving	Min M3	0	-101.078	0	0.043
A10	2.125	Mov_01	LinMoving	Min M3	0	-101.082	0	0.0436
A10	3.375	Mov_01	LinMoving	Min M3	0	-101.073	0	0.0435
A10	3.375	Mov_01	LinMoving	Min M3	0	-101.081	0	0.0424
A10	4.625	Mov_01	LinMoving	Min M3	0	-56.18	0	0.0041
A10	4.625	Mov_01	LinMoving	Min M3	0	-56.194	0	-0.048
A10	5.875	Mov_01	LinMoving	Min M3	0	-46.019	0	-0.0231
A10	5.875	Mov_01	LinMoving	Min M3	0	-44.79	0	-0.0038
A10	6.5	Mov_01	LinMoving	Min M3	0	599.669	0	11.3672
A11	0	Mov_01	LinMoving	Max P	0	0	0	0
A11	0.5	Mov_01	LinMoving	Max P	0	0	0	0
A11	0	Mov_01	LinMoving	Min P	0	0	0	0

AUTOSTRADA VALDASTICO A31 NORD
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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
A11	0.5	Mov_01	LinMoving	Min P	0	0	0	0
A11	0	Mov_01	LinMoving	Max V2	0	0.05	0	0.1376
A11	0.5	Mov_01	LinMoving	Max V2	0	0.05	0	0.1376
A11	0	Mov_01	LinMoving	Min V2	0	-290.297	0	-20.8339
A11	0.5	Mov_01	LinMoving	Min V2	0	-290.297	0	-20.8339
A11	0	Mov_01	LinMoving	Max V3	0	0	0	0
A11	0.5	Mov_01	LinMoving	Max V3	0	0	0	0
A11	0	Mov_01	LinMoving	Min V3	0	0	0	0
A11	0.5	Mov_01	LinMoving	Min V3	0	0	0	0
A11	0	Mov_01	LinMoving	Max T	0	-0.017	0	0.2374
A11	0.5	Mov_01	LinMoving	Max T	0	-0.017	0	0.2374
A11	0	Mov_01	LinMoving	Min T	0	-290.201	0	-20.9879
A11	0.5	Mov_01	LinMoving	Min T	0	-290.201	0	-20.9879
A11	0	Mov_01	LinMoving	Max M2	0	0	0	0
A11	0.5	Mov_01	LinMoving	Max M2	0	0	0	0
A11	0	Mov_01	LinMoving	Min M2	0	0	0	0
A11	0.5	Mov_01	LinMoving	Min M2	0	0	0	0
A11	0	Mov_01	LinMoving	Max M3	0	0.047	0	0.2243
A11	0.5	Mov_01	LinMoving	Max M3	0	-208.69	0	-12.1936
A11	0	Mov_01	LinMoving	Min M3	0	-290.263	0	-20.9373
A11	0.5	Mov_01	LinMoving	Min M3	0	-0.198	0	-0.4431

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
A0	0	Mov_01	Max P	0	0	A0-1	0
A0	0.5	Mov_01	Max P	0	0	A0-1	0.5
A0	0	Mov_01	Min P	0	0	A0-1	0
A0	0.5	Mov_01	Min P	0	0	A0-1	0.5
A0	0	Mov_01	Max V2	0	-5.0953	A0-1	0
A0	0.5	Mov_01	Max V2	0	-150.2295	A0-1	0.5
A0	0	Mov_01	Min V2	0	16.3186	A0-1	0
A0	0.5	Mov_01	Min V2	0	16.3509	A0-1	0.5
A0	0	Mov_01	Max V3	0	0	A0-1	0
A0	0.5	Mov_01	Max V3	0	0	A0-1	0.5
A0	0	Mov_01	Min V3	0	0	A0-1	0
A0	0.5	Mov_01	Min V3	0	0	A0-1	0.5
A0	0	Mov_01	Max T	0	-12.1388	A0-1	0
A0	0.5	Mov_01	Max T	0	-157.2401	A0-1	0.5
A0	0	Mov_01	Min T	0	20.6107	A0-1	0
A0	0.5	Mov_01	Min T	0	20.6198	A0-1	0.5
A0	0	Mov_01	Max M2	0	0	A0-1	0
A0	0.5	Mov_01	Max M2	0	0	A0-1	0.5
A0	0	Mov_01	Min M2	0	0	A0-1	0
A0	0.5	Mov_01	Min M2	0	0	A0-1	0.5
A0	0	Mov_01	Max M3	0	60.5817	A0-1	0
A0	0.5	Mov_01	Max M3	0	25.478	A0-1	0.5
A0	0	Mov_01	Min M3	0	-30.6611	A0-1	0
A0	0.5	Mov_01	Min M3	0	-158.1735	A0-1	0.5
A1	0	Mov_01	Max P	0	0	A1-1	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		
A1	0.625	Mov_01	Max P	0	0	A1-1	0.625
A1	0.625	Mov_01	Max P	0	0	A1-2	0
A1	1.875	Mov_01	Max P	0	0	A1-2	1.25
A1	1.875	Mov_01	Max P	0	0	A1-3	0
A1	3.125	Mov_01	Max P	0	0	A1-3	1.25
A1	3.125	Mov_01	Max P	0	0	A1-4	0
A1	4.375	Mov_01	Max P	0	0	A1-4	1.25
A1	4.375	Mov_01	Max P	0	0	A1-5	0
A1	5	Mov_01	Max P	0	0	A1-5	0.625
A1	5	Mov_01	Max P	0	0	A1-6	0
A1	5.625	Mov_01	Max P	0	0	A1-6	0.625
A1	5.625	Mov_01	Max P	0	0	A1-7	0
A1	6.5	Mov_01	Max P	0	0	A1-7	0.875
A1	0	Mov_01	Min P	0	0	A1-1	0
A1	0.625	Mov_01	Min P	0	0	A1-1	0.625
A1	0.625	Mov_01	Min P	0	0	A1-2	0
A1	1.875	Mov_01	Min P	0	0	A1-2	1.25
A1	1.875	Mov_01	Min P	0	0	A1-3	0
A1	3.125	Mov_01	Min P	0	0	A1-3	1.25
A1	3.125	Mov_01	Min P	0	0	A1-4	0
A1	4.375	Mov_01	Min P	0	0	A1-4	1.25
A1	4.375	Mov_01	Min P	0	0	A1-5	0
A1	5	Mov_01	Min P	0	0	A1-5	0.625
A1	5	Mov_01	Min P	0	0	A1-6	0
A1	5.625	Mov_01	Min P	0	0	A1-6	0.625
A1	5.625	Mov_01	Min P	0	0	A1-7	0
A1	6.5	Mov_01	Min P	0	0	A1-7	0.875
A1	0	Mov_01	Max V2	0	5.4517	A1-1	0
A1	0.625	Mov_01	Max V2	0	-72.76	A1-1	0.625
A1	0.625	Mov_01	Max V2	0	-62.4039	A1-2	0
A1	1.875	Mov_01	Max V2	0	-219.0364	A1-2	1.25
A1	1.875	Mov_01	Max V2	0	-176.2878	A1-3	0
A1	3.125	Mov_01	Max V2	0	-334.4889	A1-3	1.25
A1	3.125	Mov_01	Max V2	0	-258.2673	A1-4	0
A1	4.375	Mov_01	Max V2	0	-419.5938	A1-4	1.25
A1	4.375	Mov_01	Max V2	0	1723.7535	A1-5	0
A1	5	Mov_01	Max V2	0	1634.7152	A1-5	0.625
A1	5	Mov_01	Max V2	0	1634.3409	A1-6	0
A1	5.625	Mov_01	Max V2	0	1545.4635	A1-6	0.625
A1	5.625	Mov_01	Max V2	0	2234.0786	A1-7	0
A1	6.5	Mov_01	Max V2	0	2085.189	A1-7	0.875
A1	0	Mov_01	Min V2	0	-13.2716	A1-1	0
A1	0.625	Mov_01	Min V2	0	552.5737	A1-1	0.625
A1	0.625	Mov_01	Min V2	0	523.4203	A1-2	0
A1	1.875	Mov_01	Min V2	0	1592.8038	A1-2	1.25
A1	1.875	Mov_01	Min V2	0	1501.452	A1-3	0
A1	3.125	Mov_01	Min V2	0	2508.4045	A1-3	1.25
A1	3.125	Mov_01	Min V2	0	2355.2332	A1-4	0
A1	4.375	Mov_01	Min V2	0	3301.4834	A1-4	1.25
A1	4.375	Mov_01	Min V2	0	3090.9179	A1-5	0
A1	5	Mov_01	Min V2	0	3534.4866	A1-5	0.625
A1	5	Mov_01	Min V2	0	3534.8482	A1-6	0
A1	5.625	Mov_01	Min V2	0	3978.5927	A1-6	0.625

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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		
A1	5.625	Mov_01	Min V2	0	3719.4819	A1-7	0
A1	6.5	Mov_01	Min V2	0	4300.5615	A1-7	0.875
A1	0	Mov_01	Max V3	0	0	A1-1	0
A1	0.625	Mov_01	Max V3	0	0	A1-1	0.625
A1	0.625	Mov_01	Max V3	0	0	A1-2	0
A1	1.875	Mov_01	Max V3	0	0	A1-2	1.25
A1	1.875	Mov_01	Max V3	0	0	A1-3	0
A1	3.125	Mov_01	Max V3	0	0	A1-3	1.25
A1	3.125	Mov_01	Max V3	0	0	A1-4	0
A1	4.375	Mov_01	Max V3	0	0	A1-4	1.25
A1	4.375	Mov_01	Max V3	0	0	A1-5	0
A1	5	Mov_01	Max V3	0	0	A1-5	0.625
A1	5	Mov_01	Max V3	0	0	A1-6	0
A1	5.625	Mov_01	Max V3	0	0	A1-6	0.625
A1	5.625	Mov_01	Max V3	0	0	A1-7	0
A1	6.5	Mov_01	Max V3	0	0	A1-7	0.875
A1	0	Mov_01	Min V3	0	0	A1-1	0
A1	0.625	Mov_01	Min V3	0	0	A1-1	0.625
A1	0.625	Mov_01	Min V3	0	0	A1-2	0
A1	1.875	Mov_01	Min V3	0	0	A1-2	1.25
A1	1.875	Mov_01	Min V3	0	0	A1-3	0
A1	3.125	Mov_01	Min V3	0	0	A1-3	1.25
A1	3.125	Mov_01	Min V3	0	0	A1-4	0
A1	4.375	Mov_01	Min V3	0	0	A1-4	1.25
A1	4.375	Mov_01	Min V3	0	0	A1-5	0
A1	5	Mov_01	Min V3	0	0	A1-5	0.625
A1	5	Mov_01	Min V3	0	0	A1-6	0
A1	5.625	Mov_01	Min V3	0	0	A1-6	0.625
A1	5.625	Mov_01	Min V3	0	0	A1-7	0
A1	6.5	Mov_01	Min V3	0	0	A1-7	0.875
A1	0	Mov_01	Max T	0	-50.9102	A1-1	0
A1	0.625	Mov_01	Max T	0	297.7561	A1-1	0.625
A1	0.625	Mov_01	Max T	0	318.8467	A1-2	0
A1	1.875	Mov_01	Max T	0	646.3084	A1-2	1.25
A1	1.875	Mov_01	Max T	0	1139.3451	A1-3	0
A1	3.125	Mov_01	Max T	0	1416.0093	A1-3	1.25
A1	3.125	Mov_01	Max T	0	2071.1752	A1-4	0
A1	4.375	Mov_01	Max T	0	2304.4717	A1-4	1.25
A1	4.375	Mov_01	Max T	0	3117.3999	A1-5	0
A1	5	Mov_01	Max T	0	3241.9208	A1-5	0.625
A1	5	Mov_01	Max T	0	2243.8743	A1-6	0
A1	5.625	Mov_01	Max T	0	2516.5387	A1-6	0.625
A1	5.625	Mov_01	Max T	0	3538.7312	A1-7	0
A1	6.5	Mov_01	Max T	0	3605.7923	A1-7	0.875
A1	0	Mov_01	Min T	0	5.2583	A1-1	0
A1	0.625	Mov_01	Min T	0	352.6286	A1-1	0.625
A1	0.625	Mov_01	Min T	0	346.2265	A1-2	0
A1	1.875	Mov_01	Min T	0	999.3253	A1-2	1.25
A1	1.875	Mov_01	Min T	0	955.2194	A1-3	0
A1	3.125	Mov_01	Min T	0	1572.8604	A1-3	1.25
A1	3.125	Mov_01	Min T	0	1457.5888	A1-4	0
A1	4.375	Mov_01	Min T	0	2025.9281	A1-4	1.25
A1	4.375	Mov_01	Min T	0	-72.2642	A1-5	0

AUTOSTRADA VALDASTICO A31 NORD
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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		
A1	5	Mov_01	Min T	0	-100.1819	A1-5	0.625
A1	5	Mov_01	Min T	0	2349.6419	A1-6	0
A1	5.625	Mov_01	Min T	0	2608.4318	A1-6	0.625
A1	5.625	Mov_01	Min T	0	2414.3478	A1-7	0
A1	6.5	Mov_01	Min T	0	2779.4022	A1-7	0.875
A1	0	Mov_01	Max M2	0	0	A1-1	0
A1	0.625	Mov_01	Max M2	0	0	A1-1	0.625
A1	0.625	Mov_01	Max M2	0	0	A1-2	0
A1	1.875	Mov_01	Max M2	0	0	A1-2	1.25
A1	1.875	Mov_01	Max M2	0	0	A1-3	0
A1	3.125	Mov_01	Max M2	0	0	A1-3	1.25
A1	3.125	Mov_01	Max M2	0	0	A1-4	0
A1	4.375	Mov_01	Max M2	0	0	A1-4	1.25
A1	4.375	Mov_01	Max M2	0	0	A1-5	0
A1	5	Mov_01	Max M2	0	0	A1-5	0.625
A1	5	Mov_01	Max M2	0	0	A1-6	0
A1	5.625	Mov_01	Max M2	0	0	A1-6	0.625
A1	5.625	Mov_01	Max M2	0	0	A1-7	0
A1	6.5	Mov_01	Max M2	0	0	A1-7	0.875
A1	0	Mov_01	Min M2	0	0	A1-1	0
A1	0.625	Mov_01	Min M2	0	0	A1-1	0.625
A1	0.625	Mov_01	Min M2	0	0	A1-2	0
A1	1.875	Mov_01	Min M2	0	0	A1-2	1.25
A1	1.875	Mov_01	Min M2	0	0	A1-3	0
A1	3.125	Mov_01	Min M2	0	0	A1-3	1.25
A1	3.125	Mov_01	Min M2	0	0	A1-4	0
A1	4.375	Mov_01	Min M2	0	0	A1-4	1.25
A1	4.375	Mov_01	Min M2	0	0	A1-5	0
A1	5	Mov_01	Min M2	0	0	A1-5	0.625
A1	5	Mov_01	Min M2	0	0	A1-6	0
A1	5.625	Mov_01	Min M2	0	0	A1-6	0.625
A1	5.625	Mov_01	Min M2	0	0	A1-7	0
A1	6.5	Mov_01	Min M2	0	0	A1-7	0.875
A1	0	Mov_01	Max M3	0	25.533	A1-1	0
A1	0.625	Mov_01	Max M3	0	554.8849	A1-1	0.625
A1	0.625	Mov_01	Max M3	0	591.2575	A1-2	0
A1	1.875	Mov_01	Max M3	0	1600.1999	A1-2	1.25
A1	1.875	Mov_01	Max M3	0	1627.0354	A1-3	0
A1	3.125	Mov_01	Max M3	0	2551.2935	A1-3	1.25
A1	3.125	Mov_01	Max M3	0	2570.0662	A1-4	0
A1	4.375	Mov_01	Max M3	0	3410.3357	A1-4	1.25
A1	4.375	Mov_01	Max M3	0	3421.5001	A1-5	0
A1	5	Mov_01	Max M3	0	3755.533	A1-5	0.625
A1	5	Mov_01	Max M3	0	3755.5154	A1-6	0
A1	5.625	Mov_01	Max M3	0	4178.5785	A1-6	0.625
A1	5.625	Mov_01	Max M3	0	4183.7407	A1-7	0
A1	6.5	Mov_01	Max M3	0	4626.2987	A1-7	0.875
A1	0	Mov_01	Min M3	0	-158.2071	A1-1	0
A1	0.625	Mov_01	Min M3	0	-174.4032	A1-1	0.625
A1	0.625	Mov_01	Min M3	0	-170.9237	A1-2	0
A1	1.875	Mov_01	Min M3	0	-248.6796	A1-2	1.25
A1	1.875	Mov_01	Min M3	0	-246.7878	A1-3	0
A1	3.125	Mov_01	Min M3	0	-377.3799	A1-3	1.25

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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		
A1	3.125	Mov_01	Min M3	0	-372.1626	A1-4	0
A1	4.375	Mov_01	Min M3	0	-528.4486	A1-4	1.25
A1	4.375	Mov_01	Min M3	0	-523.4173	A1-5	0
A1	5	Mov_01	Min M3	0	-601.561	A1-5	0.625
A1	5	Mov_01	Min M3	0	-601.5504	A1-6	0
A1	5.625	Mov_01	Min M3	0	-679.6964	A1-6	0.625
A1	5.625	Mov_01	Min M3	0	-674.9192	A1-7	0
A1	6.5	Mov_01	Min M3	0	-784.3194	A1-7	0.875
A2	0	Mov_01	Max P	0	0	A2-1	0
A2	0.375	Mov_01	Max P	0	0	A2-1	0.375
A2	0.375	Mov_01	Max P	0	0	A2-2	0
A2	1.625	Mov_01	Max P	0	0	A2-2	1.25
A2	1.625	Mov_01	Max P	0	0	A2-3	0
A2	2.875	Mov_01	Max P	0	0	A2-3	1.25
A2	2.875	Mov_01	Max P	0	0	A2-4	0
A2	3.5	Mov_01	Max P	0	0	A2-4	0.625
A2	3.5	Mov_01	Max P	0	0	A2-5	0
A2	4.125	Mov_01	Max P	0	0	A2-5	0.625
A2	4.125	Mov_01	Max P	0	0	A2-6	0
A2	5.375	Mov_01	Max P	0	0	A2-6	1.25
A2	5.375	Mov_01	Max P	0	0	A2-7	0
A2	6.625	Mov_01	Max P	0	0	A2-7	1.25
A2	6.625	Mov_01	Max P	0	0	A2-8	0
A2	7.875	Mov_01	Max P	0	0	A2-8	1.25
A2	7.875	Mov_01	Max P	0	0	A2-9	0
A2	8.5	Mov_01	Max P	0	0	A2-9	0.625
A2	8.5	Mov_01	Max P	0	0	A2-10	0
A2	9.125	Mov_01	Max P	0	0	A2-10	0.625
A2	9.125	Mov_01	Max P	0	0	A2-11	0
A2	10	Mov_01	Max P	0	0	A2-11	0.875
A2	0	Mov_01	Min P	0	0	A2-1	0
A2	0.375	Mov_01	Min P	0	0	A2-1	0.375
A2	0.375	Mov_01	Min P	0	0	A2-2	0
A2	1.625	Mov_01	Min P	0	0	A2-2	1.25
A2	1.625	Mov_01	Min P	0	0	A2-3	0
A2	2.875	Mov_01	Min P	0	0	A2-3	1.25
A2	2.875	Mov_01	Min P	0	0	A2-4	0
A2	3.5	Mov_01	Min P	0	0	A2-4	0.625
A2	3.5	Mov_01	Min P	0	0	A2-5	0
A2	4.125	Mov_01	Min P	0	0	A2-5	0.625
A2	4.125	Mov_01	Min P	0	0	A2-6	0
A2	5.375	Mov_01	Min P	0	0	A2-6	1.25
A2	5.375	Mov_01	Min P	0	0	A2-7	0
A2	6.625	Mov_01	Min P	0	0	A2-7	1.25
A2	6.625	Mov_01	Min P	0	0	A2-8	0
A2	7.875	Mov_01	Min P	0	0	A2-8	1.25
A2	7.875	Mov_01	Min P	0	0	A2-9	0
A2	8.5	Mov_01	Min P	0	0	A2-9	0.625
A2	8.5	Mov_01	Min P	0	0	A2-10	0
A2	9.125	Mov_01	Min P	0	0	A2-10	0.625
A2	9.125	Mov_01	Min P	0	0	A2-11	0
A2	10	Mov_01	Min P	0	0	A2-11	0.875
A2	0	Mov_01	Max V2	0	2085.189	A2-1	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		
A2	0.375	Mov_01	Max V2	0	2021.379	A2-1	0.375
A2	0.375	Mov_01	Max V2	0	2704.4188	A2-2	0
A2	1.625	Mov_01	Max V2	0	2455.549	A2-2	1.25
A2	1.625	Mov_01	Max V2	0	3130.8186	A2-3	0
A2	2.875	Mov_01	Max V2	0	2844.656	A2-3	1.25
A2	2.875	Mov_01	Max V2	0	3510.0705	A2-4	0
A2	3.5	Mov_01	Max V2	0	3347.5456	A2-4	0.625
A2	3.5	Mov_01	Max V2	0	3347.1428	A2-5	0
A2	4.125	Mov_01	Max V2	0	3184.9793	A2-5	0.625
A2	4.125	Mov_01	Max V2	0	3838.4443	A2-6	0
A2	5.375	Mov_01	Max V2	0	3474.1012	A2-6	1.25
A2	5.375	Mov_01	Max V2	0	4113.8518	A2-7	0
A2	6.625	Mov_01	Max V2	0	3708.7538	A2-7	1.25
A2	6.625	Mov_01	Max V2	0	4333.5134	A2-8	0
A2	7.875	Mov_01	Max V2	0	3886.6508	A2-8	1.25
A2	7.875	Mov_01	Max V2	0	4495.3841	A2-9	0
A2	8.5	Mov_01	Max V2	0	4250.4102	A2-9	0.625
A2	8.5	Mov_01	Max V2	0	4249.952	A2-10	0
A2	9.125	Mov_01	Max V2	0	4005.3463	A2-10	0.625
A2	9.125	Mov_01	Max V2	0	4596.7824	A2-11	0
A2	10	Mov_01	Max V2	0	4223.5629	A2-11	0.875
A2	0	Mov_01	Min V2	0	4300.5615	A2-1	0
A2	0.375	Mov_01	Min V2	0	4549.5956	A2-1	0.375
A2	0.375	Mov_01	Min V2	0	4243.2125	A2-2	0
A2	1.625	Mov_01	Min V2	0	5017.9277	A2-2	1.25
A2	1.625	Mov_01	Min V2	0	4667.7852	A2-3	0
A2	2.875	Mov_01	Min V2	0	5388.7418	A2-3	1.25
A2	2.875	Mov_01	Min V2	0	4998.7142	A2-4	0
A2	3.5	Mov_01	Min V2	0	5333.0288	A2-4	0.625
A2	3.5	Mov_01	Min V2	0	5333.4272	A2-5	0
A2	4.125	Mov_01	Min V2	0	5668.1212	A2-5	0.625
A2	4.125	Mov_01	Min V2	0	5242.3808	A2-6	0
A2	5.375	Mov_01	Min V2	0	5861.2489	A2-6	1.25
A2	5.375	Mov_01	Min V2	0	5403.9275	A2-7	0
A2	6.625	Mov_01	Min V2	0	5974.4951	A2-7	1.25
A2	6.625	Mov_01	Min V2	0	5489.3249	A2-8	0
A2	7.875	Mov_01	Min V2	0	6013.4442	A2-8	1.25
A2	7.875	Mov_01	Min V2	0	5504.1043	A2-9	0
A2	8.5	Mov_01	Min V2	0	5743.7018	A2-9	0.625
A2	8.5	Mov_01	Min V2	0	5744.1666	A2-10	0
A2	9.125	Mov_01	Min V2	0	5984.1368	A2-10	0.625
A2	9.125	Mov_01	Min V2	0	5454.4728	A2-11	0
A2	10	Mov_01	Min V2	0	5760.2901	A2-11	0.875
A2	0	Mov_01	Max V3	0	0	A2-1	0
A2	0.375	Mov_01	Max V3	0	0	A2-1	0.375
A2	0.375	Mov_01	Max V3	0	0	A2-2	0
A2	1.625	Mov_01	Max V3	0	0	A2-2	1.25
A2	1.625	Mov_01	Max V3	0	0	A2-3	0
A2	2.875	Mov_01	Max V3	0	0	A2-3	1.25
A2	2.875	Mov_01	Max V3	0	0	A2-4	0
A2	3.5	Mov_01	Max V3	0	0	A2-4	0.625
A2	3.5	Mov_01	Max V3	0	0	A2-5	0
A2	4.125	Mov_01	Max V3	0	0	A2-5	0.625

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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		
A2	4.125	Mov_01	Max V3	0	0	A2-6	0
A2	5.375	Mov_01	Max V3	0	0	A2-6	1.25
A2	5.375	Mov_01	Max V3	0	0	A2-7	0
A2	6.625	Mov_01	Max V3	0	0	A2-7	1.25
A2	6.625	Mov_01	Max V3	0	0	A2-8	0
A2	7.875	Mov_01	Max V3	0	0	A2-8	1.25
A2	7.875	Mov_01	Max V3	0	0	A2-9	0
A2	8.5	Mov_01	Max V3	0	0	A2-9	0.625
A2	8.5	Mov_01	Max V3	0	0	A2-10	0
A2	9.125	Mov_01	Max V3	0	0	A2-10	0.625
A2	9.125	Mov_01	Max V3	0	0	A2-11	0
A2	10	Mov_01	Max V3	0	0	A2-11	0.875
A2	0	Mov_01	Min V3	0	0	A2-1	0
A2	0.375	Mov_01	Min V3	0	0	A2-1	0.375
A2	0.375	Mov_01	Min V3	0	0	A2-2	0
A2	1.625	Mov_01	Min V3	0	0	A2-2	1.25
A2	1.625	Mov_01	Min V3	0	0	A2-3	0
A2	2.875	Mov_01	Min V3	0	0	A2-3	1.25
A2	2.875	Mov_01	Min V3	0	0	A2-4	0
A2	3.5	Mov_01	Min V3	0	0	A2-4	0.625
A2	3.5	Mov_01	Min V3	0	0	A2-5	0
A2	4.125	Mov_01	Min V3	0	0	A2-5	0.625
A2	4.125	Mov_01	Min V3	0	0	A2-6	0
A2	5.375	Mov_01	Min V3	0	0	A2-6	1.25
A2	5.375	Mov_01	Min V3	0	0	A2-7	0
A2	6.625	Mov_01	Min V3	0	0	A2-7	1.25
A2	6.625	Mov_01	Min V3	0	0	A2-8	0
A2	7.875	Mov_01	Min V3	0	0	A2-8	1.25
A2	7.875	Mov_01	Min V3	0	0	A2-9	0
A2	8.5	Mov_01	Min V3	0	0	A2-9	0.625
A2	8.5	Mov_01	Min V3	0	0	A2-10	0
A2	9.125	Mov_01	Min V3	0	0	A2-10	0.625
A2	9.125	Mov_01	Min V3	0	0	A2-11	0
A2	10	Mov_01	Min V3	0	0	A2-11	0.875
A2	0	Mov_01	Max T	0	3605.7923	A2-1	0
A2	0.375	Mov_01	Max T	0	3634.5327	A2-1	0.375
A2	0.375	Mov_01	Max T	0	4191.9503	A2-2	0
A2	1.625	Mov_01	Max T	0	4230.3915	A2-2	1.25
A2	1.625	Mov_01	Max T	0	4847.9933	A2-3	0
A2	2.875	Mov_01	Max T	0	4843.5209	A2-3	1.25
A2	2.875	Mov_01	Max T	0	5556.8366	A2-4	0
A2	3.5	Mov_01	Max T	0	5553.19	A2-4	0.625
A2	3.5	Mov_01	Max T	0	4768.0564	A2-5	0
A2	4.125	Mov_01	Max T	0	4736.1666	A2-5	0.625
A2	4.125	Mov_01	Max T	0	5588.6784	A2-6	0
A2	5.375	Mov_01	Max T	0	5451.6265	A2-6	1.25
A2	5.375	Mov_01	Max T	0	5782.8151	A2-7	0
A2	6.625	Mov_01	Max T	0	5599.3553	A2-7	1.25
A2	6.625	Mov_01	Max T	0	5796.8384	A2-8	0
A2	7.875	Mov_01	Max T	0	5596.8088	A2-8	1.25
A2	7.875	Mov_01	Max T	0	6068.9742	A2-9	0
A2	8.5	Mov_01	Max T	0	5969.6915	A2-9	0.625
A2	8.5	Mov_01	Max T	0	5129.4629	A2-10	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		
A2	9.125	Mov_01	Max T	0	5008.832	A2-10	0.625
A2	9.125	Mov_01	Max T	0	5459.2703	A2-11	0
A2	10	Mov_01	Max T	0	5258.6791	A2-11	0.875
A2	0	Mov_01	Min T	0	2779.4022	A2-1	0
A2	0.375	Mov_01	Min T	0	2935.8539	A2-1	0.375
A2	0.375	Mov_01	Min T	0	2755.0925	A2-2	0
A2	1.625	Mov_01	Min T	0	3242.3902	A2-2	1.25
A2	1.625	Mov_01	Min T	0	2949.915	A2-3	0
A2	2.875	Mov_01	Min T	0	3389.0749	A2-3	1.25
A2	2.875	Mov_01	Min T	0	1725.6654	A2-4	0
A2	3.5	Mov_01	Min T	0	1831.3387	A2-4	0.625
A2	3.5	Mov_01	Min T	0	3668.5729	A2-5	0
A2	4.125	Mov_01	Min T	0	3860.9981	A2-5	0.625
A2	4.125	Mov_01	Min T	0	3489.9922	A2-6	0
A2	5.375	Mov_01	Min T	0	3881.7259	A2-6	1.25
A2	5.375	Mov_01	Min T	0	3583.5778	A2-7	0
A2	6.625	Mov_01	Min T	0	3943.0042	A2-7	1.25
A2	6.625	Mov_01	Min T	0	4025.0717	A2-8	0
A2	7.875	Mov_01	Min T	0	4302.1762	A2-8	1.25
A2	7.875	Mov_01	Min T	0	2459.2282	A2-9	0
A2	8.5	Mov_01	Min T	0	2505.9724	A2-9	0.625
A2	8.5	Mov_01	Min T	0	4910.2541	A2-10	0
A2	9.125	Mov_01	Min T	0	5006.27	A2-10	0.625
A2	9.125	Mov_01	Min T	0	4588.8777	A2-11	0
A2	10	Mov_01	Min T	0	4721.8664	A2-11	0.875
A2	0	Mov_01	Max M2	0	0	A2-1	0
A2	0.375	Mov_01	Max M2	0	0	A2-1	0.375
A2	0.375	Mov_01	Max M2	0	0	A2-2	0
A2	1.625	Mov_01	Max M2	0	0	A2-2	1.25
A2	1.625	Mov_01	Max M2	0	0	A2-3	0
A2	2.875	Mov_01	Max M2	0	0	A2-3	1.25
A2	2.875	Mov_01	Max M2	0	0	A2-4	0
A2	3.5	Mov_01	Max M2	0	0	A2-4	0.625
A2	3.5	Mov_01	Max M2	0	0	A2-5	0
A2	4.125	Mov_01	Max M2	0	0	A2-5	0.625
A2	4.125	Mov_01	Max M2	0	0	A2-6	0
A2	5.375	Mov_01	Max M2	0	0	A2-6	1.25
A2	5.375	Mov_01	Max M2	0	0	A2-7	0
A2	6.625	Mov_01	Max M2	0	0	A2-7	1.25
A2	6.625	Mov_01	Max M2	0	0	A2-8	0
A2	7.875	Mov_01	Max M2	0	0	A2-8	1.25
A2	7.875	Mov_01	Max M2	0	0	A2-9	0
A2	8.5	Mov_01	Max M2	0	0	A2-9	0.625
A2	8.5	Mov_01	Max M2	0	0	A2-10	0
A2	9.125	Mov_01	Max M2	0	0	A2-10	0.625
A2	9.125	Mov_01	Max M2	0	0	A2-11	0
A2	10	Mov_01	Max M2	0	0	A2-11	0.875
A2	0	Mov_01	Min M2	0	0	A2-1	0
A2	0.375	Mov_01	Min M2	0	0	A2-1	0.375
A2	0.375	Mov_01	Min M2	0	0	A2-2	0
A2	1.625	Mov_01	Min M2	0	0	A2-2	1.25
A2	1.625	Mov_01	Min M2	0	0	A2-3	0
A2	2.875	Mov_01	Min M2	0	0	A2-3	1.25

AUTOSTRADA VALDASTICO A31 NORD
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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		
A2	2.875	Mov_01	Min M2	0	0	A2-4	0
A2	3.5	Mov_01	Min M2	0	0	A2-4	0.625
A2	3.5	Mov_01	Min M2	0	0	A2-5	0
A2	4.125	Mov_01	Min M2	0	0	A2-5	0.625
A2	4.125	Mov_01	Min M2	0	0	A2-6	0
A2	5.375	Mov_01	Min M2	0	0	A2-6	1.25
A2	5.375	Mov_01	Min M2	0	0	A2-7	0
A2	6.625	Mov_01	Min M2	0	0	A2-7	1.25
A2	6.625	Mov_01	Min M2	0	0	A2-8	0
A2	7.875	Mov_01	Min M2	0	0	A2-8	1.25
A2	7.875	Mov_01	Min M2	0	0	A2-9	0
A2	8.5	Mov_01	Min M2	0	0	A2-9	0.625
A2	8.5	Mov_01	Min M2	0	0	A2-10	0
A2	9.125	Mov_01	Min M2	0	0	A2-10	0.625
A2	9.125	Mov_01	Min M2	0	0	A2-11	0
A2	10	Mov_01	Min M2	0	0	A2-11	0.875
A2	0	Mov_01	Max M3	0	4626.2987	A2-1	0
A2	0.375	Mov_01	Max M3	0	4858.6531	A2-1	0.375
A2	0.375	Mov_01	Max M3	0	4857.6183	A2-2	0
A2	1.625	Mov_01	Max M3	0	5453.6637	A2-2	1.25
A2	1.625	Mov_01	Max M3	0	5443.3092	A2-3	0
A2	2.875	Mov_01	Max M3	0	5960.6687	A2-3	1.25
A2	2.875	Mov_01	Max M3	0	5946.1147	A2-4	0
A2	3.5	Mov_01	Max M3	0	6118.1515	A2-4	0.625
A2	3.5	Mov_01	Max M3	0	6118.1423	A2-5	0
A2	4.125	Mov_01	Max M3	0	6381.0883	A2-5	0.625
A2	4.125	Mov_01	Max M3	0	6362.7526	A2-6	0
A2	5.375	Mov_01	Max M3	0	6716.5315	A2-6	1.25
A2	5.375	Mov_01	Max M3	0	6695.1075	A2-7	0
A2	6.625	Mov_01	Max M3	0	6968.7296	A2-7	1.25
A2	6.625	Mov_01	Max M3	0	6952.1523	A2-8	0
A2	7.875	Mov_01	Max M3	0	7141.2721	A2-8	1.25
A2	7.875	Mov_01	Max M3	0	7129.1669	A2-9	0
A2	8.5	Mov_01	Max M3	0	7137.151	A2-9	0.625
A2	8.5	Mov_01	Max M3	0	7137.1523	A2-10	0
A2	9.125	Mov_01	Max M3	0	7234.0789	A2-10	0.625
A2	9.125	Mov_01	Max M3	0	7226.3237	A2-11	0
A2	10	Mov_01	Max M3	0	7199.2093	A2-11	0.875
A2	0	Mov_01	Min M3	0	-784.3194	A2-1	0
A2	0.375	Mov_01	Min M3	0	-831.2062	A2-1	0.375
A2	0.375	Mov_01	Min M3	0	-826.7228	A2-2	0
A2	1.625	Mov_01	Min M3	0	-982.9862	A2-2	1.25
A2	1.625	Mov_01	Min M3	0	-978.7888	A2-3	0
A2	2.875	Mov_01	Min M3	0	-1135.056	A2-3	1.25
A2	2.875	Mov_01	Min M3	0	-1131.1951	A2-4	0
A2	3.5	Mov_01	Min M3	0	-1209.3302	A2-4	0.625
A2	3.5	Mov_01	Min M3	0	-1209.3223	A2-5	0
A2	4.125	Mov_01	Min M3	0	-1287.4595	A2-5	0.625
A2	4.125	Mov_01	Min M3	0	-1283.9864	A2-6	0
A2	5.375	Mov_01	Min M3	0	-1440.2643	A2-6	1.25
A2	5.375	Mov_01	Min M3	0	-1437.2307	A2-7	0
A2	6.625	Mov_01	Min M3	0	-1593.5147	A2-7	1.25
A2	6.625	Mov_01	Min M3	0	-1590.973	A2-8	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		
A2	7.875	Mov_01	Min M3	0	-1747.2638	A2-8	1.25
A2	7.875	Mov_01	Min M3	0	-1745.2675	A2-9	0
A2	8.5	Mov_01	Min M3	0	-1823.4153	A2-9	0.625
A2	8.5	Mov_01	Min M3	0	-1823.4116	A2-10	0
A2	9.125	Mov_01	Min M3	0	-1901.562	A2-10	0.625
A2	9.125	Mov_01	Min M3	0	-1900.1652	A2-11	0
A2	10	Mov_01	Min M3	0	-2009.5794	A2-11	0.875
A3	0	Mov_01	Max P	0	0	A3-1	0
A3	0.375	Mov_01	Max P	0	0	A3-1	0.375
A3	0.375	Mov_01	Max P	0	0	A3-2	0
A3	1.625	Mov_01	Max P	0	0	A3-2	1.25
A3	1.625	Mov_01	Max P	0	0	A3-3	0
A3	2.875	Mov_01	Max P	0	0	A3-3	1.25
A3	2.875	Mov_01	Max P	0	0	A3-4	0
A3	3.5	Mov_01	Max P	0	0	A3-4	0.625
A3	3.5	Mov_01	Max P	0	0	A3-5	0
A3	4.125	Mov_01	Max P	0	0	A3-5	0.625
A3	4.125	Mov_01	Max P	0	0	A3-6	0
A3	5.375	Mov_01	Max P	0	0	A3-6	1.25
A3	5.375	Mov_01	Max P	0	0	A3-7	0
A3	6.625	Mov_01	Max P	0	0	A3-7	1.25
A3	6.625	Mov_01	Max P	0	0	A3-8	0
A3	7.875	Mov_01	Max P	0	0	A3-8	1.25
A3	7.875	Mov_01	Max P	0	0	A3-9	0
A3	8.5	Mov_01	Max P	0	0	A3-9	0.625
A3	8.5	Mov_01	Max P	0	0	A3-10	0
A3	9.125	Mov_01	Max P	0	0	A3-10	0.625
A3	9.125	Mov_01	Max P	0	0	A3-11	0
A3	9.5	Mov_01	Max P	0	0	A3-11	0.375
A3	0	Mov_01	Min P	0	0	A3-1	0
A3	0.375	Mov_01	Min P	0	0	A3-1	0.375
A3	0.375	Mov_01	Min P	0	0	A3-2	0
A3	1.625	Mov_01	Min P	0	0	A3-2	1.25
A3	1.625	Mov_01	Min P	0	0	A3-3	0
A3	2.875	Mov_01	Min P	0	0	A3-3	1.25
A3	2.875	Mov_01	Min P	0	0	A3-4	0
A3	3.5	Mov_01	Min P	0	0	A3-4	0.625
A3	3.5	Mov_01	Min P	0	0	A3-5	0
A3	4.125	Mov_01	Min P	0	0	A3-5	0.625
A3	4.125	Mov_01	Min P	0	0	A3-6	0
A3	5.375	Mov_01	Min P	0	0	A3-6	1.25
A3	5.375	Mov_01	Min P	0	0	A3-7	0
A3	6.625	Mov_01	Min P	0	0	A3-7	1.25
A3	6.625	Mov_01	Min P	0	0	A3-8	0
A3	7.875	Mov_01	Min P	0	0	A3-8	1.25
A3	7.875	Mov_01	Min P	0	0	A3-9	0
A3	8.5	Mov_01	Min P	0	0	A3-9	0.625
A3	8.5	Mov_01	Min P	0	0	A3-10	0
A3	9.125	Mov_01	Min P	0	0	A3-10	0.625
A3	9.125	Mov_01	Min P	0	0	A3-11	0
A3	9.5	Mov_01	Min P	0	0	A3-11	0.375
A3	0	Mov_01	Max V2	0	4223.5629	A3-1	0
A3	0.375	Mov_01	Max V2	0	4063.6116	A3-1	0.375

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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		
A3	0.375	Mov_01	Max V2	0	4636.6505	A3-2	0
A3	1.625	Mov_01	Max V2	0	4059.0561	A3-2	1.25
A3	1.625	Mov_01	Max V2	0	4612.8988	A3-3	0
A3	2.875	Mov_01	Max V2	0	3990.1258	A3-3	1.25
A3	2.875	Mov_01	Max V2	0	4524.0428	A3-4	0
A3	3.5	Mov_01	Max V2	0	4189.5206	A3-4	0.625
A3	3.5	Mov_01	Max V2	0	4189.0807	A3-5	0
A3	4.125	Mov_01	Max V2	0	3854.9323	A3-5	0.625
A3	4.125	Mov_01	Max V2	0	4368.2262	A3-6	0
A3	5.375	Mov_01	Max V2	0	3653.0138	A3-6	1.25
A3	5.375	Mov_01	Max V2	0	4145.2836	A3-7	0
A3	6.625	Mov_01	Max V2	0	3382.9308	A3-7	1.25
A3	6.625	Mov_01	Max V2	0	3854.4406	A3-8	0
A3	7.875	Mov_01	Max V2	0	3044.4513	A3-8	1.25
A3	7.875	Mov_01	Max V2	0	3495.6726	A3-9	0
A3	8.5	Mov_01	Max V2	0	3066.4573	A3-9	0.625
A3	8.5	Mov_01	Max V2	0	3066.0967	A3-10	0
A3	9.125	Mov_01	Max V2	0	2637.26	A3-10	0.625
A3	9.125	Mov_01	Max V2	0	3068.6143	A3-11	0
A3	9.5	Mov_01	Max V2	0	2796.6436	A3-11	0.375
A3	0	Mov_01	Min V2	0	5760.2901	A3-1	0
A3	0.375	Mov_01	Min V2	0	5891.3547	A3-1	0.375
A3	0.375	Mov_01	Min V2	0	5344.9758	A3-2	0
A3	1.625	Mov_01	Min V2	0	5741.0327	A3-2	1.25
A3	1.625	Mov_01	Min V2	0	5181.286	A3-3	0
A3	2.875	Mov_01	Min V2	0	5538.3738	A3-3	1.25
A3	2.875	Mov_01	Min V2	0	4968.7645	A3-4	0
A3	3.5	Mov_01	Min V2	0	5128.5869	A3-4	0.625
A3	3.5	Mov_01	Min V2	0	5129.0414	A3-5	0
A3	4.125	Mov_01	Min V2	0	5289.2291	A3-5	0.625
A3	4.125	Mov_01	Min V2	0	4713.6642	A3-6	0
A3	5.375	Mov_01	Min V2	0	4998.468	A3-6	1.25
A3	5.375	Mov_01	Min V2	0	4420.8213	A3-7	0
A3	6.625	Mov_01	Min V2	0	4672.3045	A3-7	1.25
A3	6.625	Mov_01	Min V2	0	4096.0513	A3-8	0
A3	7.875	Mov_01	Min V2	0	4316.0968	A3-8	1.25
A3	7.875	Mov_01	Min V2	0	3744.9352	A3-9	0
A3	8.5	Mov_01	Min V2	0	3840.0238	A3-9	0.625
A3	8.5	Mov_01	Min V2	0	3840.3996	A3-10	0
A3	9.125	Mov_01	Min V2	0	3935.8471	A3-10	0.625
A3	9.125	Mov_01	Min V2	0	3372.7636	A3-11	0
A3	9.5	Mov_01	Min V2	0	3421.6806	A3-11	0.375
A3	0	Mov_01	Max V3	0	0	A3-1	0
A3	0.375	Mov_01	Max V3	0	0	A3-1	0.375
A3	0.375	Mov_01	Max V3	0	0	A3-2	0
A3	1.625	Mov_01	Max V3	0	0	A3-2	1.25
A3	1.625	Mov_01	Max V3	0	0	A3-3	0
A3	2.875	Mov_01	Max V3	0	0	A3-3	1.25
A3	2.875	Mov_01	Max V3	0	0	A3-4	0
A3	3.5	Mov_01	Max V3	0	0	A3-4	0.625
A3	3.5	Mov_01	Max V3	0	0	A3-5	0
A3	4.125	Mov_01	Max V3	0	0	A3-5	0.625
A3	4.125	Mov_01	Max V3	0	0	A3-6	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		
A3	5.375	Mov_01	Max V3	0	0	A3-6	1.25
A3	5.375	Mov_01	Max V3	0	0	A3-7	0
A3	6.625	Mov_01	Max V3	0	0	A3-7	1.25
A3	6.625	Mov_01	Max V3	0	0	A3-8	0
A3	7.875	Mov_01	Max V3	0	0	A3-8	1.25
A3	7.875	Mov_01	Max V3	0	0	A3-9	0
A3	8.5	Mov_01	Max V3	0	0	A3-9	0.625
A3	8.5	Mov_01	Max V3	0	0	A3-10	0
A3	9.125	Mov_01	Max V3	0	0	A3-10	0.625
A3	9.125	Mov_01	Max V3	0	0	A3-11	0
A3	9.5	Mov_01	Max V3	0	0	A3-11	0.375
A3	0	Mov_01	Min V3	0	0	A3-1	0
A3	0.375	Mov_01	Min V3	0	0	A3-1	0.375
A3	0.375	Mov_01	Min V3	0	0	A3-2	0
A3	1.625	Mov_01	Min V3	0	0	A3-2	1.25
A3	1.625	Mov_01	Min V3	0	0	A3-3	0
A3	2.875	Mov_01	Min V3	0	0	A3-3	1.25
A3	2.875	Mov_01	Min V3	0	0	A3-4	0
A3	3.5	Mov_01	Min V3	0	0	A3-4	0.625
A3	3.5	Mov_01	Min V3	0	0	A3-5	0
A3	4.125	Mov_01	Min V3	0	0	A3-5	0.625
A3	4.125	Mov_01	Min V3	0	0	A3-6	0
A3	5.375	Mov_01	Min V3	0	0	A3-6	1.25
A3	5.375	Mov_01	Min V3	0	0	A3-7	0
A3	6.625	Mov_01	Min V3	0	0	A3-7	1.25
A3	6.625	Mov_01	Min V3	0	0	A3-8	0
A3	7.875	Mov_01	Min V3	0	0	A3-8	1.25
A3	7.875	Mov_01	Min V3	0	0	A3-9	0
A3	8.5	Mov_01	Min V3	0	0	A3-9	0.625
A3	8.5	Mov_01	Min V3	0	0	A3-10	0
A3	9.125	Mov_01	Min V3	0	0	A3-10	0.625
A3	9.125	Mov_01	Min V3	0	0	A3-11	0
A3	9.5	Mov_01	Min V3	0	0	A3-11	0.375
A3	0	Mov_01	Max T	0	5258.6791	A3-1	0
A3	0.375	Mov_01	Max T	0	5172.7115	A3-1	0.375
A3	0.375	Mov_01	Max T	0	5583.4757	A3-2	0
A3	1.625	Mov_01	Max T	0	5243.479	A3-2	1.25
A3	1.625	Mov_01	Max T	0	5559.6378	A3-3	0
A3	2.875	Mov_01	Max T	0	5183.1843	A3-3	1.25
A3	2.875	Mov_01	Max T	0	5513.827	A3-4	0
A3	3.5	Mov_01	Max T	0	5321.8607	A3-4	0.625
A3	3.5	Mov_01	Max T	0	3006.6012	A3-5	0
A3	4.125	Mov_01	Max T	0	2885.1266	A3-5	0.625
A3	4.125	Mov_01	Max T	0	3862.6335	A3-6	0
A3	5.375	Mov_01	Max T	0	3354.8673	A3-6	1.25
A3	5.375	Mov_01	Max T	0	2998.7186	A3-7	0
A3	6.625	Mov_01	Max T	0	2400.0771	A3-7	1.25
A3	6.625	Mov_01	Max T	0	2757.5235	A3-8	0
A3	7.875	Mov_01	Max T	0	2130.9592	A3-8	1.25
A3	7.875	Mov_01	Max T	0	2699.3779	A3-9	0
A3	8.5	Mov_01	Max T	0	2395.0775	A3-9	0.625
A3	8.5	Mov_01	Max T	0	729.0983	A3-10	0
A3	9.125	Mov_01	Max T	0	527.2987	A3-10	0.625

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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		
A3	9.125	Mov_01	Max T	0	2084.6704	A3-11	0
A3	9.5	Mov_01	Max T	0	1888.6307	A3-11	0.375
A3	0	Mov_01	Min T	0	4721.8664	A3-1	0
A3	0.375	Mov_01	Min T	0	4778.8616	A3-1	0.375
A3	0.375	Mov_01	Min T	0	4395.3335	A3-2	0
A3	1.625	Mov_01	Min T	0	4553.5516	A3-2	1.25
A3	1.625	Mov_01	Min T	0	4230.0213	A3-3	0
A3	2.875	Mov_01	Min T	0	4340.479	A3-3	1.25
A3	2.875	Mov_01	Min T	0	4029.178	A3-4	0
A3	3.5	Mov_01	Min T	0	4067.1297	A3-4	0.625
A3	3.5	Mov_01	Min T	0	5026.209	A3-5	0
A3	4.125	Mov_01	Min T	0	5041.217	A3-5	0.625
A3	4.125	Mov_01	Min T	0	5648.7546	A3-6	0
A3	5.375	Mov_01	Min T	0	5753.6072	A3-6	1.25
A3	5.375	Mov_01	Min T	0	5586.0205	A3-7	0
A3	6.625	Mov_01	Min T	0	5674.9451	A3-7	1.25
A3	6.625	Mov_01	Min T	0	5197.0738	A3-8	0
A3	7.875	Mov_01	Min T	0	5233.9539	A3-8	1.25
A3	7.875	Mov_01	Min T	0	4432.2852	A3-9	0
A3	8.5	Mov_01	Min T	0	4420.3381	A3-9	0.625
A3	8.5	Mov_01	Min T	0	5032.6933	A3-10	0
A3	9.125	Mov_01	Min T	0	4983.19	A3-10	0.625
A3	9.125	Mov_01	Min T	0	4356.079	A3-11	0
A3	9.5	Mov_01	Min T	0	4329.0564	A3-11	0.375
A3	0	Mov_01	Max M2	0	0	A3-1	0
A3	0.375	Mov_01	Max M2	0	0	A3-1	0.375
A3	0.375	Mov_01	Max M2	0	0	A3-2	0
A3	1.625	Mov_01	Max M2	0	0	A3-2	1.25
A3	1.625	Mov_01	Max M2	0	0	A3-3	0
A3	2.875	Mov_01	Max M2	0	0	A3-3	1.25
A3	2.875	Mov_01	Max M2	0	0	A3-4	0
A3	3.5	Mov_01	Max M2	0	0	A3-4	0.625
A3	3.5	Mov_01	Max M2	0	0	A3-5	0
A3	4.125	Mov_01	Max M2	0	0	A3-5	0.625
A3	4.125	Mov_01	Max M2	0	0	A3-6	0
A3	5.375	Mov_01	Max M2	0	0	A3-6	1.25
A3	5.375	Mov_01	Max M2	0	0	A3-7	0
A3	6.625	Mov_01	Max M2	0	0	A3-7	1.25
A3	6.625	Mov_01	Max M2	0	0	A3-8	0
A3	7.875	Mov_01	Max M2	0	0	A3-8	1.25
A3	7.875	Mov_01	Max M2	0	0	A3-9	0
A3	8.5	Mov_01	Max M2	0	0	A3-9	0.625
A3	8.5	Mov_01	Max M2	0	0	A3-10	0
A3	9.125	Mov_01	Max M2	0	0	A3-10	0.625
A3	9.125	Mov_01	Max M2	0	0	A3-11	0
A3	9.5	Mov_01	Max M2	0	0	A3-11	0.375
A3	0	Mov_01	Min M2	0	0	A3-1	0
A3	0.375	Mov_01	Min M2	0	0	A3-1	0.375
A3	0.375	Mov_01	Min M2	0	0	A3-2	0
A3	1.625	Mov_01	Min M2	0	0	A3-2	1.25
A3	1.625	Mov_01	Min M2	0	0	A3-3	0
A3	2.875	Mov_01	Min M2	0	0	A3-3	1.25
A3	2.875	Mov_01	Min M2	0	0	A3-4	0

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

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M2	M3	FrameElem	ElemStation m
				KN-m	KN-m		
A3	3.5	Mov_01	Min M2	0	0	A3-4	0.625
A3	3.5	Mov_01	Min M2	0	0	A3-5	0
A3	4.125	Mov_01	Min M2	0	0	A3-5	0.625
A3	4.125	Mov_01	Min M2	0	0	A3-6	0
A3	5.375	Mov_01	Min M2	0	0	A3-6	1.25
A3	5.375	Mov_01	Min M2	0	0	A3-7	0
A3	6.625	Mov_01	Min M2	0	0	A3-7	1.25
A3	6.625	Mov_01	Min M2	0	0	A3-8	0
A3	7.875	Mov_01	Min M2	0	0	A3-8	1.25
A3	7.875	Mov_01	Min M2	0	0	A3-9	0
A3	8.5	Mov_01	Min M2	0	0	A3-9	0.625
A3	8.5	Mov_01	Min M2	0	0	A3-10	0
A3	9.125	Mov_01	Min M2	0	0	A3-10	0.625
A3	9.125	Mov_01	Min M2	0	0	A3-11	0
A3	9.5	Mov_01	Min M2	0	0	A3-11	0.375
A3	0	Mov_01	Max M3	0	7199.2093	A3-1	0
A3	0.375	Mov_01	Max M3	0	7248.9374	A3-1	0.375
A3	0.375	Mov_01	Max M3	0	7248.4563	A3-2	0
A3	1.625	Mov_01	Max M3	0	7187.4758	A3-2	1.25
A3	1.625	Mov_01	Max M3	0	7194.1616	A3-3	0
A3	2.875	Mov_01	Max M3	0	7051.5192	A3-3	1.25
A3	2.875	Mov_01	Max M3	0	7064.7431	A3-4	0
A3	3.5	Mov_01	Max M3	0	6909.8593	A3-4	0.625
A3	3.5	Mov_01	Max M3	0	6909.87	A3-5	0
A3	4.125	Mov_01	Max M3	0	6845.9896	A3-5	0.625
A3	4.125	Mov_01	Max M3	0	6862.3219	A3-6	0
A3	5.375	Mov_01	Max M3	0	6570.1328	A3-6	1.25
A3	5.375	Mov_01	Max M3	0	6589.1751	A3-7	0
A3	6.625	Mov_01	Max M3	0	6226.3739	A3-7	1.25
A3	6.625	Mov_01	Max M3	0	6247.6749	A3-8	0
A3	7.875	Mov_01	Max M3	0	5817.3173	A3-8	1.25
A3	7.875	Mov_01	Max M3	0	5840.3423	A3-9	0
A3	8.5	Mov_01	Max M3	0	5546.0794	A3-9	0.625
A3	8.5	Mov_01	Max M3	0	5546.096	A3-10	0
A3	9.125	Mov_01	Max M3	0	5346.1701	A3-10	0.625
A3	9.125	Mov_01	Max M3	0	5370.1654	A3-11	0
A3	9.5	Mov_01	Max M3	0	5161.326	A3-11	0.375
A3	0	Mov_01	Min M3	0	-2009.5794	A3-1	0
A3	0.375	Mov_01	Min M3	0	-2056.4715	A3-1	0.375
A3	0.375	Mov_01	Min M3	0	-2055.7104	A3-2	0
A3	1.625	Mov_01	Min M3	0	-2212.0247	A3-2	1.25
A3	1.625	Mov_01	Min M3	0	-2211.9076	A3-3	0
A3	2.875	Mov_01	Min M3	0	-2368.2304	A3-3	1.25
A3	2.875	Mov_01	Min M3	0	-2368.8092	A3-4	0
A3	3.5	Mov_01	Min M3	0	-2446.9739	A3-4	0.625
A3	3.5	Mov_01	Min M3	0	-2446.9759	A3-5	0
A3	4.125	Mov_01	Min M3	0	-2525.1434	A3-5	0.625
A3	4.125	Mov_01	Min M3	0	-2526.4713	A3-6	0
A3	5.375	Mov_01	Min M3	0	-2682.8133	A3-6	1.25
A3	5.375	Mov_01	Min M3	0	-2684.9446	A3-7	0
A3	6.625	Mov_01	Min M3	0	-2841.297	A3-7	1.25
A3	6.625	Mov_01	Min M3	0	-2844.2872	A3-8	0
A3	7.875	Mov_01	Min M3	0	-3000.6507	A3-8	1.25

AUTOSTRADA VALDASTICO A31 NORD
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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		
A3	7.875	Mov_01	Min M3	0	-3004.5567	A3-9	0
A3	8.5	Mov_01	Min M3	0	-3082.7427	A3-9	0.625
A3	8.5	Mov_01	Min M3	0	-3082.7522	A3-10	0
A3	9.125	Mov_01	Min M3	0	-3160.9423	A3-10	0.625
A3	9.125	Mov_01	Min M3	0	-3165.8222	A3-11	0
A3	9.5	Mov_01	Min M3	0	-3212.7467	A3-11	0.375
A4	0	Mov_01	Max P	0	0	A4-1	0
A4	0.875	Mov_01	Max P	0	0	A4-1	0.875
A4	0.875	Mov_01	Max P	0	0	A4-2	0
A4	2.125	Mov_01	Max P	0	0	A4-2	1.25
A4	2.125	Mov_01	Max P	0	0	A4-3	0
A4	3.375	Mov_01	Max P	0	0	A4-3	1.25
A4	3.375	Mov_01	Max P	0	0	A4-4	0
A4	4	Mov_01	Max P	0	0	A4-4	0.625
A4	4	Mov_01	Max P	0	0	A4-5	0
A4	4.625	Mov_01	Max P	0	0	A4-5	0.625
A4	4.625	Mov_01	Max P	0	0	A4-6	0
A4	5.875	Mov_01	Max P	0	0	A4-6	1.25
A4	5.875	Mov_01	Max P	0	0	A4-7	0
A4	7.125	Mov_01	Max P	0	0	A4-7	1.25
A4	7.125	Mov_01	Max P	0	0	A4-8	0
A4	7.5	Mov_01	Max P	0	0	A4-8	0.375
A4	0	Mov_01	Min P	0	0	A4-1	0
A4	0.875	Mov_01	Min P	0	0	A4-1	0.875
A4	0.875	Mov_01	Min P	0	0	A4-2	0
A4	2.125	Mov_01	Min P	0	0	A4-2	1.25
A4	2.125	Mov_01	Min P	0	0	A4-3	0
A4	3.375	Mov_01	Min P	0	0	A4-3	1.25
A4	3.375	Mov_01	Min P	0	0	A4-4	0
A4	4	Mov_01	Min P	0	0	A4-4	0.625
A4	4	Mov_01	Min P	0	0	A4-5	0
A4	4.625	Mov_01	Min P	0	0	A4-5	0.625
A4	4.625	Mov_01	Min P	0	0	A4-6	0
A4	5.875	Mov_01	Min P	0	0	A4-6	1.25
A4	5.875	Mov_01	Min P	0	0	A4-7	0
A4	7.125	Mov_01	Min P	0	0	A4-7	1.25
A4	7.125	Mov_01	Min P	0	0	A4-8	0
A4	7.5	Mov_01	Min P	0	0	A4-8	0.375
A4	0	Mov_01	Max V2	0	2796.6436	A4-1	0
A4	0.875	Mov_01	Max V2	0	2162.0454	A4-1	0.875
A4	0.875	Mov_01	Max V2	0	2574.6872	A4-2	0
A4	2.125	Mov_01	Max V2	0	1619.3534	A4-2	1.25
A4	2.125	Mov_01	Max V2	0	2013.6316	A4-3	0
A4	3.375	Mov_01	Max V2	0	1009.4445	A4-3	1.25
A4	3.375	Mov_01	Max V2	0	1385.7768	A4-4	0
A4	4	Mov_01	Max V2	0	858.8065	A4-4	0.625
A4	4	Mov_01	Max V2	0	859.0465	A4-5	0
A4	4.625	Mov_01	Max V2	0	332.7617	A4-5	0.625
A4	4.625	Mov_01	Max V2	0	692.1377	A4-6	0
A4	5.875	Mov_01	Max V2	0	-410.2492	A4-6	1.25
A4	5.875	Mov_01	Max V2	0	-69.0139	A4-7	0
A4	7.125	Mov_01	Max V2	0	-1220.6985	A4-7	1.25
A4	7.125	Mov_01	Max V2	0	-896.7209	A4-8	0

AUTOSTRADA VALDASTICO A31 NORD
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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		
A4	7.5	Mov_01	Max V2	0	-1257.1561	A4-8	0.375
A4	0	Mov_01	Min V2	0	3421.6806	A4-1	0
A4	0.875	Mov_01	Min V2	0	3535.8204	A4-1	0.875
A4	0.875	Mov_01	Min V2	0	2982.8598	A4-2	0
A4	2.125	Mov_01	Min V2	0	3120.188	A4-2	1.25
A4	2.125	Mov_01	Min V2	0	2580.1729	A4-3	0
A4	3.375	Mov_01	Min V2	0	2693.3826	A4-3	1.25
A4	3.375	Mov_01	Min V2	0	2167.0979	A4-4	0
A4	4	Mov_01	Min V2	0	2212.2642	A4-4	0.625
A4	4	Mov_01	Min V2	0	2210.8529	A4-5	0
A4	4.625	Mov_01	Min V2	0	2256.6564	A4-5	0.625
A4	4.625	Mov_01	Min V2	0	1753.2669	A4-6	0
A4	5.875	Mov_01	Min V2	0	1823.6933	A4-6	1.25
A4	5.875	Mov_01	Min V2	0	1341.8528	A4-7	0
A4	7.125	Mov_01	Min V2	0	1393.5258	A4-7	1.25
A4	7.125	Mov_01	Min V2	0	934.9004	A4-8	0
A4	7.5	Mov_01	Min V2	0	945.3757	A4-8	0.375
A4	0	Mov_01	Max V3	0	0	A4-1	0
A4	0.875	Mov_01	Max V3	0	0	A4-1	0.875
A4	0.875	Mov_01	Max V3	0	0	A4-2	0
A4	2.125	Mov_01	Max V3	0	0	A4-2	1.25
A4	2.125	Mov_01	Max V3	0	0	A4-3	0
A4	3.375	Mov_01	Max V3	0	0	A4-3	1.25
A4	3.375	Mov_01	Max V3	0	0	A4-4	0
A4	4	Mov_01	Max V3	0	0	A4-4	0.625
A4	4	Mov_01	Max V3	0	0	A4-5	0
A4	4.625	Mov_01	Max V3	0	0	A4-5	0.625
A4	4.625	Mov_01	Max V3	0	0	A4-6	0
A4	5.875	Mov_01	Max V3	0	0	A4-6	1.25
A4	5.875	Mov_01	Max V3	0	0	A4-7	0
A4	7.125	Mov_01	Max V3	0	0	A4-7	1.25
A4	7.125	Mov_01	Max V3	0	0	A4-8	0
A4	7.5	Mov_01	Max V3	0	0	A4-8	0.375
A4	0	Mov_01	Min V3	0	0	A4-1	0
A4	0.875	Mov_01	Min V3	0	0	A4-1	0.875
A4	0.875	Mov_01	Min V3	0	0	A4-2	0
A4	2.125	Mov_01	Min V3	0	0	A4-2	1.25
A4	2.125	Mov_01	Min V3	0	0	A4-3	0
A4	3.375	Mov_01	Min V3	0	0	A4-3	1.25
A4	3.375	Mov_01	Min V3	0	0	A4-4	0
A4	4	Mov_01	Min V3	0	0	A4-4	0.625
A4	4	Mov_01	Min V3	0	0	A4-5	0
A4	4.625	Mov_01	Min V3	0	0	A4-5	0.625
A4	4.625	Mov_01	Min V3	0	0	A4-6	0
A4	5.875	Mov_01	Min V3	0	0	A4-6	1.25
A4	5.875	Mov_01	Min V3	0	0	A4-7	0
A4	7.125	Mov_01	Min V3	0	0	A4-7	1.25
A4	7.125	Mov_01	Min V3	0	0	A4-8	0
A4	7.5	Mov_01	Min V3	0	0	A4-8	0.375
A4	0	Mov_01	Max T	0	1888.6307	A4-1	0
A4	0.875	Mov_01	Max T	0	1431.2047	A4-1	0.875
A4	0.875	Mov_01	Max T	0	1811.8451	A4-2	0
A4	2.125	Mov_01	Max T	0	1114.887	A4-2	1.25

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

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M2	M3	FrameElem	ElemStation m
				KN-m	KN-m		
A4	2.125	Mov_01	Max T	0	1420.5566	A4-3	0
A4	3.375	Mov_01	Max T	0	695.0371	A4-3	1.25
A4	3.375	Mov_01	Max T	0	1092.0788	A4-4	0
A4	4	Mov_01	Max T	0	730.4795	A4-4	0.625
A4	4	Mov_01	Max T	0	-362.5431	A4-5	0
A4	4.625	Mov_01	Max T	0	-595.3545	A4-5	0.625
A4	4.625	Mov_01	Max T	0	405.6795	A4-6	0
A4	5.875	Mov_01	Max T	0	-339.6371	A4-6	1.25
A4	5.875	Mov_01	Max T	0	-17.1706	A4-7	0
A4	7.125	Mov_01	Max T	0	-807.0648	A4-7	1.25
A4	7.125	Mov_01	Max T	0	-519.7653	A4-8	0
A4	7.5	Mov_01	Max T	0	-764.8875	A4-8	0.375
A4	0	Mov_01	Min T	0	4329.0564	A4-1	0
A4	0.875	Mov_01	Min T	0	4266.0037	A4-1	0.875
A4	0.875	Mov_01	Min T	0	3745.7527	A4-2	0
A4	2.125	Mov_01	Min T	0	3624.7081	A4-2	1.25
A4	2.125	Mov_01	Min T	0	3171.7577	A4-3	0
A4	3.375	Mov_01	Min T	0	3006.2362	A4-3	1.25
A4	3.375	Mov_01	Min T	0	2330.8516	A4-4	0
A4	4	Mov_01	Min T	0	2228.7502	A4-4	0.625
A4	4	Mov_01	Min T	0	2722.0945	A4-5	0
A4	4.625	Mov_01	Min T	0	2572.6864	A4-5	0.625
A4	4.625	Mov_01	Min T	0	2039.6479	A4-6	0
A4	5.875	Mov_01	Min T	0	1753.0006	A4-6	1.25
A4	5.875	Mov_01	Min T	0	1289.9165	A4-7	0
A4	7.125	Mov_01	Min T	0	979.7953	A4-7	1.25
A4	7.125	Mov_01	Min T	0	562.0543	A4-8	0
A4	7.5	Mov_01	Min T	0	457.2189	A4-8	0.375
A4	0	Mov_01	Max M2	0	0	A4-1	0
A4	0.875	Mov_01	Max M2	0	0	A4-1	0.875
A4	0.875	Mov_01	Max M2	0	0	A4-2	0
A4	2.125	Mov_01	Max M2	0	0	A4-2	1.25
A4	2.125	Mov_01	Max M2	0	0	A4-3	0
A4	3.375	Mov_01	Max M2	0	0	A4-3	1.25
A4	3.375	Mov_01	Max M2	0	0	A4-4	0
A4	4	Mov_01	Max M2	0	0	A4-4	0.625
A4	4	Mov_01	Max M2	0	0	A4-5	0
A4	4.625	Mov_01	Max M2	0	0	A4-5	0.625
A4	4.625	Mov_01	Max M2	0	0	A4-6	0
A4	5.875	Mov_01	Max M2	0	0	A4-6	1.25
A4	5.875	Mov_01	Max M2	0	0	A4-7	0
A4	7.125	Mov_01	Max M2	0	0	A4-7	1.25
A4	7.125	Mov_01	Max M2	0	0	A4-8	0
A4	7.5	Mov_01	Max M2	0	0	A4-8	0.375
A4	0	Mov_01	Min M2	0	0	A4-1	0
A4	0.875	Mov_01	Min M2	0	0	A4-1	0.875
A4	0.875	Mov_01	Min M2	0	0	A4-2	0
A4	2.125	Mov_01	Min M2	0	0	A4-2	1.25
A4	2.125	Mov_01	Min M2	0	0	A4-3	0
A4	3.375	Mov_01	Min M2	0	0	A4-3	1.25
A4	3.375	Mov_01	Min M2	0	0	A4-4	0
A4	4	Mov_01	Min M2	0	0	A4-4	0.625
A4	4	Mov_01	Min M2	0	0	A4-5	0

AUTOSTRADA VALDASTICO A31 NORD
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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		
A4	4.625	Mov_01	Min M2	0	0	A4-5	0.625
A4	4.625	Mov_01	Min M2	0	0	A4-6	0
A4	5.875	Mov_01	Min M2	0	0	A4-6	1.25
A4	5.875	Mov_01	Min M2	0	0	A4-7	0
A4	7.125	Mov_01	Min M2	0	0	A4-7	1.25
A4	7.125	Mov_01	Min M2	0	0	A4-8	0
A4	7.5	Mov_01	Min M2	0	0	A4-8	0.375
A4	0	Mov_01	Max M3	0	5161.326	A4-1	0
A4	0.875	Mov_01	Max M3	0	4815.5837	A4-1	0.875
A4	0.875	Mov_01	Max M3	0	4840.2337	A4-2	0
A4	2.125	Mov_01	Max M3	0	4226.8938	A4-2	1.25
A4	2.125	Mov_01	Max M3	0	4251.991	A4-3	0
A4	3.375	Mov_01	Max M3	0	3581.8665	A4-3	1.25
A4	3.375	Mov_01	Max M3	0	3606.9748	A4-4	0
A4	4	Mov_01	Max M3	0	3197.7574	A4-4	0.625
A4	4	Mov_01	Max M3	0	3197.7722	A4-5	0
A4	4.625	Mov_01	Max M3	0	2900.4053	A4-5	0.625
A4	4.625	Mov_01	Max M3	0	2922.8859	A4-6	0
A4	5.875	Mov_01	Max M3	0	2261.4237	A4-6	1.25
A4	5.875	Mov_01	Max M3	0	2280.7104	A4-7	0
A4	7.125	Mov_01	Max M3	0	1679.1416	A4-7	1.25
A4	7.125	Mov_01	Max M3	0	1695.7214	A4-8	0
A4	7.5	Mov_01	Max M3	0	1476.3829	A4-8	0.375
A4	0	Mov_01	Min M3	0	-3212.7467	A4-1	0
A4	0.875	Mov_01	Min M3	0	-3322.2375	A4-1	0.875
A4	0.875	Mov_01	Min M3	0	-3328.0638	A4-2	0
A4	2.125	Mov_01	Min M3	0	-3484.5221	A4-2	1.25
A4	2.125	Mov_01	Min M3	0	-3491.3106	A4-3	0
A4	3.375	Mov_01	Min M3	0	-3647.7939	A4-3	1.25
A4	3.375	Mov_01	Min M3	0	-3655.6022	A4-4	0
A4	4	Mov_01	Min M3	0	-3734.3562	A4-4	0.625
A4	4	Mov_01	Min M3	0	-3734.3736	A4-5	0
A4	4.625	Mov_01	Min M3	0	-3829.0729	A4-5	0.625
A4	4.625	Mov_01	Min M3	0	-3835.9775	A4-6	0
A4	5.875	Mov_01	Min M3	0	-4104.0763	A4-6	1.25
A4	5.875	Mov_01	Min M3	0	-4110.3687	A4-7	0
A4	7.125	Mov_01	Min M3	0	-4484.1076	A4-7	1.25
A4	7.125	Mov_01	Min M3	0	-4490.4891	A4-8	0
A4	7.5	Mov_01	Min M3	0	-4622.1686	A4-8	0.375
A5	0	Mov_01	Max P	0	0	A5-1	0
A5	0.875	Mov_01	Max P	0	0	A5-1	0.875
A5	0.875	Mov_01	Max P	0	0	A5-2	0
A5	1.5	Mov_01	Max P	0	0	A5-2	0.625
A5	1.5	Mov_01	Max P	0	0	A5-3	0
A5	2.125	Mov_01	Max P	0	0	A5-3	0.625
A5	2.125	Mov_01	Max P	0	0	A5-4	0
A5	3	Mov_01	Max P	0	0	A5-4	0.875
A5	3	Mov_01	Max P	0	0	A5-5	0
A5	3.875	Mov_01	Max P	0	0	A5-5	0.875
A5	3.875	Mov_01	Max P	0	0	A5-6	0
A5	4.5	Mov_01	Max P	0	0	A5-6	0.625
A5	0	Mov_01	Min P	0	0	A5-1	0
A5	0.875	Mov_01	Min P	0	0	A5-1	0.875

AUTOSTRADA VALDASTICO A31 NORD
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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		
A5	0.875	Mov_01	Min P	0	0	A5-2	0
A5	1.5	Mov_01	Min P	0	0	A5-2	0.625
A5	1.5	Mov_01	Min P	0	0	A5-3	0
A5	2.125	Mov_01	Min P	0	0	A5-3	0.625
A5	2.125	Mov_01	Min P	0	0	A5-4	0
A5	3	Mov_01	Min P	0	0	A5-4	0.875
A5	3	Mov_01	Min P	0	0	A5-5	0
A5	3.875	Mov_01	Min P	0	0	A5-5	0.875
A5	3.875	Mov_01	Min P	0	0	A5-6	0
A5	4.5	Mov_01	Min P	0	0	A5-6	0.625
A5	0	Mov_01	Max V2	0	-1257.1561	A5-1	0
A5	0.875	Mov_01	Max V2	0	-2098.1715	A5-1	0.875
A5	0.875	Mov_01	Max V2	0	-1824.8324	A5-2	0
A5	1.5	Mov_01	Max V2	0	-2452.7585	A5-2	0.625
A5	1.5	Mov_01	Max V2	0	-2408.694	A5-3	0
A5	2.125	Mov_01	Max V2	0	-3033.4182	A5-3	0.625
A5	2.125	Mov_01	Max V2	0	-2783.4542	A5-4	0
A5	3	Mov_01	Max V2	0	-3690.2715	A5-4	0.875
A5	3	Mov_01	Max V2	0	-3462.3667	A5-5	0
A5	3.875	Mov_01	Max V2	0	-4397.0872	A5-5	0.875
A5	3.875	Mov_01	Max V2	0	-4193.0237	A5-6	0
A5	4.5	Mov_01	Max V2	0	-4879.6772	A5-6	0.625
A5	0	Mov_01	Min V2	0	945.3757	A5-1	0
A5	0.875	Mov_01	Min V2	0	969.8182	A5-1	0.875
A5	0.875	Mov_01	Min V2	0	543.7166	A5-2	0
A5	1.5	Mov_01	Min V2	0	553.0717	A5-2	0.625
A5	1.5	Mov_01	Min V2	0	461.6448	A5-3	0
A5	2.125	Mov_01	Min V2	0	474.9544	A5-3	0.625
A5	2.125	Mov_01	Min V2	0	236.3277	A5-4	0
A5	3	Mov_01	Min V2	0	249.6609	A5-4	0.875
A5	3	Mov_01	Min V2	0	84.841	A5-5	0
A5	3.875	Mov_01	Min V2	0	90.273	A5-5	0.875
A5	3.875	Mov_01	Min V2	0	33.0311	A5-6	0
A5	4.5	Mov_01	Min V2	0	35.9478	A5-6	0.625
A5	0	Mov_01	Max V3	0	0	A5-1	0
A5	0.875	Mov_01	Max V3	0	0	A5-1	0.875
A5	0.875	Mov_01	Max V3	0	0	A5-2	0
A5	1.5	Mov_01	Max V3	0	0	A5-2	0.625
A5	1.5	Mov_01	Max V3	0	0	A5-3	0
A5	2.125	Mov_01	Max V3	0	0	A5-3	0.625
A5	2.125	Mov_01	Max V3	0	0	A5-4	0
A5	3	Mov_01	Max V3	0	0	A5-4	0.875
A5	3	Mov_01	Max V3	0	0	A5-5	0
A5	3.875	Mov_01	Max V3	0	0	A5-5	0.875
A5	3.875	Mov_01	Max V3	0	0	A5-6	0
A5	4.5	Mov_01	Max V3	0	0	A5-6	0.625
A5	0	Mov_01	Min V3	0	0	A5-1	0
A5	0.875	Mov_01	Min V3	0	0	A5-1	0.875
A5	0.875	Mov_01	Min V3	0	0	A5-2	0
A5	1.5	Mov_01	Min V3	0	0	A5-2	0.625
A5	1.5	Mov_01	Min V3	0	0	A5-3	0
A5	2.125	Mov_01	Min V3	0	0	A5-3	0.625
A5	2.125	Mov_01	Min V3	0	0	A5-4	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		
A5	3	Mov_01	Min V3	0	0	A5-4	0.875
A5	3	Mov_01	Min V3	0	0	A5-5	0
A5	3.875	Mov_01	Min V3	0	0	A5-5	0.875
A5	3.875	Mov_01	Min V3	0	0	A5-6	0
A5	4.5	Mov_01	Min V3	0	0	A5-6	0.625
A5	0	Mov_01	Max T	0	-764.8875	A5-1	0
A5	0.875	Mov_01	Max T	0	-1336.8392	A5-1	0.875
A5	0.875	Mov_01	Max T	0	-1021.9518	A5-2	0
A5	1.5	Mov_01	Max T	0	-1452.4839	A5-2	0.625
A5	1.5	Mov_01	Max T	0	-1497.6504	A5-3	0
A5	2.125	Mov_01	Max T	0	-1898.9024	A5-3	0.625
A5	2.125	Mov_01	Max T	0	-1599.2971	A5-4	0
A5	3	Mov_01	Max T	0	-2185.0143	A5-4	0.875
A5	3	Mov_01	Max T	0	-1958.2438	A5-5	0
A5	3.875	Mov_01	Max T	0	-2562.9976	A5-5	0.875
A5	3.875	Mov_01	Max T	0	-2344.5712	A5-6	0
A5	4.5	Mov_01	Max T	0	-2793.1902	A5-6	0.625
A5	0	Mov_01	Min T	0	457.2189	A5-1	0
A5	0.875	Mov_01	Min T	0	212.603	A5-1	0.875
A5	0.875	Mov_01	Min T	0	-218.1095	A5-2	0
A5	1.5	Mov_01	Min T	0	-404.6738	A5-2	0.625
A5	1.5	Mov_01	Min T	0	-359.4282	A5-3	0
A5	2.125	Mov_01	Min T	0	-571.8695	A5-3	0.625
A5	2.125	Mov_01	Min T	0	-861.3862	A5-4	0
A5	3	Mov_01	Min T	0	-1173.361	A5-4	0.875
A5	3	Mov_01	Min T	0	-1450.1464	A5-5	0
A5	3.875	Mov_01	Min T	0	-1776.1316	A5-5	0.875
A5	3.875	Mov_01	Min T	0	-2127.6144	A5-6	0
A5	4.5	Mov_01	Min T	0	-2369.5807	A5-6	0.625
A5	0	Mov_01	Max M2	0	0	A5-1	0
A5	0.875	Mov_01	Max M2	0	0	A5-1	0.875
A5	0.875	Mov_01	Max M2	0	0	A5-2	0
A5	1.5	Mov_01	Max M2	0	0	A5-2	0.625
A5	1.5	Mov_01	Max M2	0	0	A5-3	0
A5	2.125	Mov_01	Max M2	0	0	A5-3	0.625
A5	2.125	Mov_01	Max M2	0	0	A5-4	0
A5	3	Mov_01	Max M2	0	0	A5-4	0.875
A5	3	Mov_01	Max M2	0	0	A5-5	0
A5	3.875	Mov_01	Max M2	0	0	A5-5	0.875
A5	3.875	Mov_01	Max M2	0	0	A5-6	0
A5	4.5	Mov_01	Max M2	0	0	A5-6	0.625
A5	0	Mov_01	Min M2	0	0	A5-1	0
A5	0.875	Mov_01	Min M2	0	0	A5-1	0.875
A5	0.875	Mov_01	Min M2	0	0	A5-2	0
A5	1.5	Mov_01	Min M2	0	0	A5-2	0.625
A5	1.5	Mov_01	Min M2	0	0	A5-3	0
A5	2.125	Mov_01	Min M2	0	0	A5-3	0.625
A5	2.125	Mov_01	Min M2	0	0	A5-4	0
A5	3	Mov_01	Min M2	0	0	A5-4	0.875
A5	3	Mov_01	Min M2	0	0	A5-5	0
A5	3.875	Mov_01	Min M2	0	0	A5-5	0.875
A5	3.875	Mov_01	Min M2	0	0	A5-6	0
A5	4.5	Mov_01	Min M2	0	0	A5-6	0.625

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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		
A5	0	Mov_01	Max M3	0	1476.3829	A5-1	0
A5	0.875	Mov_01	Max M3	0	1150.6057	A5-1	0.875
A5	0.875	Mov_01	Max M3	0	1164.4463	A5-2	0
A5	1.5	Mov_01	Max M3	0	853.7686	A5-2	0.625
A5	1.5	Mov_01	Max M3	0	853.7657	A5-3	0
A5	2.125	Mov_01	Max M3	0	671.2243	A5-3	0.625
A5	2.125	Mov_01	Max M3	0	671.1806	A5-4	0
A5	3	Mov_01	Max M3	0	345.3478	A5-4	0.875
A5	3	Mov_01	Max M3	0	364.3243	A5-5	0
A5	3.875	Mov_01	Max M3	0	108.2092	A5-5	0.875
A5	3.875	Mov_01	Max M3	0	105.3252	A5-6	0
A5	4.5	Mov_01	Max M3	0	38.0303	A5-6	0.625
A5	0	Mov_01	Min M3	0	-4622.1686	A5-1	0
A5	0.875	Mov_01	Min M3	0	-4962.8949	A5-1	0.875
A5	0.875	Mov_01	Min M3	0	-4969.9498	A5-2	0
A5	1.5	Mov_01	Min M3	0	-5240.8549	A5-2	0.625
A5	1.5	Mov_01	Min M3	0	-5240.8713	A5-3	0
A5	2.125	Mov_01	Min M3	0	-5534.1525	A5-3	0.625
A5	2.125	Mov_01	Min M3	0	-5542.4463	A5-4	0
A5	3	Mov_01	Min M3	0	-5988.9308	A5-4	0.875
A5	3	Mov_01	Min M3	0	-5991.6986	A5-5	0
A5	3.875	Mov_01	Min M3	0	-6478.0176	A5-5	0.875
A5	3.875	Mov_01	Min M3	0	-6488.4518	A5-6	0
A5	4.5	Mov_01	Min M3	0	-6861.596	A5-6	0.625
A6	0	Mov_01	Max P	0	0	A6-1	0
A6	0.625	Mov_01	Max P	0	0	A6-1	0.625
A6	0.625	Mov_01	Max P	0	0	A6-2	0
A6	1.5	Mov_01	Max P	0	0	A6-2	0.875
A6	1.5	Mov_01	Max P	0	0	A6-3	0
A6	2.375	Mov_01	Max P	0	0	A6-3	0.875
A6	2.375	Mov_01	Max P	0	0	A6-4	0
A6	3	Mov_01	Max P	0	0	A6-4	0.625
A6	3	Mov_01	Max P	0	0	A6-5	0
A6	3.625	Mov_01	Max P	0	0	A6-5	0.625
A6	3.625	Mov_01	Max P	0	0	A6-6	0
A6	4.5	Mov_01	Max P	0	0	A6-6	0.875
A6	4.5	Mov_01	Max P	0	0	A6-7	0
A6	5.375	Mov_01	Max P	0	0	A6-7	0.875
A6	5.375	Mov_01	Max P	0	0	A6-8	0
A6	6	Mov_01	Max P	0	0	A6-8	0.625
A6	6	Mov_01	Max P	0	0	A6-9	0
A6	6.625	Mov_01	Max P	0	0	A6-9	0.625
A6	6.625	Mov_01	Max P	0	0	A6-10	0
A6	7.5	Mov_01	Max P	0	0	A6-10	0.875
A6	0	Mov_01	Min P	0	0	A6-1	0
A6	0.625	Mov_01	Min P	0	0	A6-1	0.625
A6	0.625	Mov_01	Min P	0	0	A6-2	0
A6	1.5	Mov_01	Min P	0	0	A6-2	0.875
A6	1.5	Mov_01	Min P	0	0	A6-3	0
A6	2.375	Mov_01	Min P	0	0	A6-3	0.875
A6	2.375	Mov_01	Min P	0	0	A6-4	0
A6	3	Mov_01	Min P	0	0	A6-4	0.625
A6	3	Mov_01	Min P	0	0	A6-5	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		
A6	3.625	Mov_01	Min P	0	0	A6-5	0.625
A6	3.625	Mov_01	Min P	0	0	A6-6	0
A6	4.5	Mov_01	Min P	0	0	A6-6	0.875
A6	4.5	Mov_01	Min P	0	0	A6-7	0
A6	5.375	Mov_01	Min P	0	0	A6-7	0.875
A6	5.375	Mov_01	Min P	0	0	A6-8	0
A6	6	Mov_01	Min P	0	0	A6-8	0.625
A6	6	Mov_01	Min P	0	0	A6-9	0
A6	6.625	Mov_01	Min P	0	0	A6-9	0.625
A6	6.625	Mov_01	Min P	0	0	A6-10	0
A6	7.5	Mov_01	Min P	0	0	A6-10	0.875
A6	0	Mov_01	Max V2	0	38.0306	A6-1	0
A6	0.625	Mov_01	Max V2	0	35.3163	A6-1	0.625
A6	0.625	Mov_01	Max V2	0	86.0157	A6-2	0
A6	1.5	Mov_01	Max V2	0	80.7462	A6-2	0.875
A6	1.5	Mov_01	Max V2	0	237.0927	A6-3	0
A6	2.375	Mov_01	Max V2	0	224.2147	A6-3	0.875
A6	2.375	Mov_01	Max V2	0	451.6798	A6-4	0
A6	3	Mov_01	Max V2	0	439.1105	A6-4	0.625
A6	3	Mov_01	Max V2	0	512.6663	A6-5	0
A6	3.625	Mov_01	Max V2	0	503.8657	A6-5	0.625
A6	3.625	Mov_01	Max V2	0	850.064	A6-6	0
A6	4.5	Mov_01	Max V2	0	826.5072	A6-6	0.875
A6	4.5	Mov_01	Max V2	0	1152.4907	A6-7	0
A6	5.375	Mov_01	Max V2	0	1117.6109	A6-7	0.875
A6	5.375	Mov_01	Max V2	0	1437.0756	A6-8	0
A6	6	Mov_01	Max V2	0	1407.1617	A6-8	0.625
A6	6	Mov_01	Max V2	0	1450.3983	A6-9	0
A6	6.625	Mov_01	Max V2	0	1423.6102	A6-9	0.625
A6	6.625	Mov_01	Max V2	0	1895.2184	A6-10	0
A6	7.5	Mov_01	Max V2	0	1844.9148	A6-10	0.875
A6	0	Mov_01	Min V2	0	-4897.1168	A6-1	0
A6	0.625	Mov_01	Min V2	0	-4195.2631	A6-1	0.625
A6	0.625	Mov_01	Min V2	0	-4430.0732	A6-2	0
A6	1.5	Mov_01	Min V2	0	-3473.5039	A6-2	0.875
A6	1.5	Mov_01	Min V2	0	-3717.4823	A6-3	0
A6	2.375	Mov_01	Min V2	0	-2788.1789	A6-3	0.875
A6	2.375	Mov_01	Min V2	0	-3067.0434	A6-4	0
A6	3	Mov_01	Min V2	0	-2425.6102	A6-4	0.625
A6	3	Mov_01	Min V2	0	-2457.6795	A6-5	0
A6	3.625	Mov_01	Min V2	0	-1812.7192	A6-5	0.625
A6	3.625	Mov_01	Min V2	0	-2070.4977	A6-6	0
A6	4.5	Mov_01	Min V2	0	-1193.4398	A6-6	0.875
A6	4.5	Mov_01	Min V2	0	-1449.1393	A6-7	0
A6	5.375	Mov_01	Min V2	0	-599.5088	A6-7	0.875
A6	5.375	Mov_01	Min V2	0	-896.5002	A6-8	0
A6	6	Mov_01	Min V2	0	-312.1575	A6-8	0.625
A6	6	Mov_01	Min V2	0	-351.8477	A6-9	0
A6	6.625	Mov_01	Min V2	0	235.7429	A6-9	0.625
A6	6.625	Mov_01	Min V2	0	-92.7767	A6-10	0
A6	7.5	Mov_01	Min V2	0	693.0128	A6-10	0.875
A6	0	Mov_01	Max V3	0	0	A6-1	0
A6	0.625	Mov_01	Max V3	0	0	A6-1	0.625

AUTOSTRADA VALDASTICO A31 NORD
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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		
A6	0.625	Mov_01	Max V3	0	0	A6-2	0
A6	1.5	Mov_01	Max V3	0	0	A6-2	0.875
A6	1.5	Mov_01	Max V3	0	0	A6-3	0
A6	2.375	Mov_01	Max V3	0	0	A6-3	0.875
A6	2.375	Mov_01	Max V3	0	0	A6-4	0
A6	3	Mov_01	Max V3	0	0	A6-4	0.625
A6	3	Mov_01	Max V3	0	0	A6-5	0
A6	3.625	Mov_01	Max V3	0	0	A6-5	0.625
A6	3.625	Mov_01	Max V3	0	0	A6-6	0
A6	4.5	Mov_01	Max V3	0	0	A6-6	0.875
A6	4.5	Mov_01	Max V3	0	0	A6-7	0
A6	5.375	Mov_01	Max V3	0	0	A6-7	0.875
A6	5.375	Mov_01	Max V3	0	0	A6-8	0
A6	6	Mov_01	Max V3	0	0	A6-8	0.625
A6	6	Mov_01	Max V3	0	0	A6-9	0
A6	6.625	Mov_01	Max V3	0	0	A6-9	0.625
A6	6.625	Mov_01	Max V3	0	0	A6-10	0
A6	7.5	Mov_01	Max V3	0	0	A6-10	0.875
A6	0	Mov_01	Min V3	0	0	A6-1	0
A6	0.625	Mov_01	Min V3	0	0	A6-1	0.625
A6	0.625	Mov_01	Min V3	0	0	A6-2	0
A6	1.5	Mov_01	Min V3	0	0	A6-2	0.875
A6	1.5	Mov_01	Min V3	0	0	A6-3	0
A6	2.375	Mov_01	Min V3	0	0	A6-3	0.875
A6	2.375	Mov_01	Min V3	0	0	A6-4	0
A6	3	Mov_01	Min V3	0	0	A6-4	0.625
A6	3	Mov_01	Min V3	0	0	A6-5	0
A6	3.625	Mov_01	Min V3	0	0	A6-5	0.625
A6	3.625	Mov_01	Min V3	0	0	A6-6	0
A6	4.5	Mov_01	Min V3	0	0	A6-6	0.875
A6	4.5	Mov_01	Min V3	0	0	A6-7	0
A6	5.375	Mov_01	Min V3	0	0	A6-7	0.875
A6	5.375	Mov_01	Min V3	0	0	A6-8	0
A6	6	Mov_01	Min V3	0	0	A6-8	0.625
A6	6	Mov_01	Min V3	0	0	A6-9	0
A6	6.625	Mov_01	Min V3	0	0	A6-9	0.625
A6	6.625	Mov_01	Min V3	0	0	A6-10	0
A6	7.5	Mov_01	Min V3	0	0	A6-10	0.875
A6	0	Mov_01	Max T	0	-2754.2432	A6-1	0
A6	0.625	Mov_01	Max T	0	-2488.5707	A6-1	0.625
A6	0.625	Mov_01	Max T	0	-2178.8167	A6-2	0
A6	1.5	Mov_01	Max T	0	-1817.3551	A6-2	0.875
A6	1.5	Mov_01	Max T	0	-1563.5285	A6-3	0
A6	2.375	Mov_01	Max T	0	-1212.2869	A6-3	0.875
A6	2.375	Mov_01	Max T	0	-953.5919	A6-4	0
A6	3	Mov_01	Max T	0	-714.9975	A6-4	0.625
A6	3	Mov_01	Max T	0	-732.5119	A6-5	0
A6	3.625	Mov_01	Max T	0	-517.7834	A6-5	0.625
A6	3.625	Mov_01	Max T	0	-119.6104	A6-6	0
A6	4.5	Mov_01	Max T	0	168.8982	A6-6	0.875
A6	4.5	Mov_01	Max T	0	474.2794	A6-7	0
A6	5.375	Mov_01	Max T	0	750.068	A6-7	0.875
A6	5.375	Mov_01	Max T	0	1053.8958	A6-8	0

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

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M2	M3	FrameElem	ElemStation m
				KN-m	KN-m		
A6	6	Mov_01	Max T	0	1240.5497	A6-8	0.625
A6	6	Mov_01	Max T	0	1087.1992	A6-9	0
A6	6.625	Mov_01	Max T	0	1246.2913	A6-9	0.625
A6	6.625	Mov_01	Max T	0	1715.6374	A6-10	0
A6	7.5	Mov_01	Max T	0	1919.458	A6-10	0.875
A6	0	Mov_01	Min T	0	-2408.6512	A6-1	0
A6	0.625	Mov_01	Min T	0	-1969.3684	A6-1	0.625
A6	0.625	Mov_01	Min T	0	-2200.0291	A6-2	0
A6	1.5	Mov_01	Min T	0	-1609.4221	A6-2	0.875
A6	1.5	Mov_01	Min T	0	-1841.5863	A6-3	0
A6	2.375	Mov_01	Min T	0	-1272.6909	A6-3	0.875
A6	2.375	Mov_01	Min T	0	-1590.799	A6-4	0
A6	3	Mov_01	Min T	0	-1198.5702	A6-4	0.625
A6	3	Mov_01	Min T	0	-1178.0434	A6-5	0
A6	3.625	Mov_01	Min T	0	-758.07	A6-5	0.625
A6	3.625	Mov_01	Min T	0	-1012.1426	A6-6	0
A6	4.5	Mov_01	Min T	0	-449.4742	A6-6	0.875
A6	4.5	Mov_01	Min T	0	-690.039	A6-7	0
A6	5.375	Mov_01	Min T	0	-148.4753	A6-7	0.875
A6	5.375	Mov_01	Min T	0	-869.385	A6-8	0
A6	6	Mov_01	Min T	0	-627.4779	A6-8	0.625
A6	6	Mov_01	Min T	0	55.5955	A6-9	0
A6	6.625	Mov_01	Min T	0	455.8375	A6-9	0.625
A6	6.625	Mov_01	Min T	0	93.6392	A6-10	0
A6	7.5	Mov_01	Min T	0	625.2278	A6-10	0.875
A6	0	Mov_01	Max M2	0	0	A6-1	0
A6	0.625	Mov_01	Max M2	0	0	A6-1	0.625
A6	0.625	Mov_01	Max M2	0	0	A6-2	0
A6	1.5	Mov_01	Max M2	0	0	A6-2	0.875
A6	1.5	Mov_01	Max M2	0	0	A6-3	0
A6	2.375	Mov_01	Max M2	0	0	A6-3	0.875
A6	2.375	Mov_01	Max M2	0	0	A6-4	0
A6	3	Mov_01	Max M2	0	0	A6-4	0.625
A6	3	Mov_01	Max M2	0	0	A6-5	0
A6	3.625	Mov_01	Max M2	0	0	A6-5	0.625
A6	3.625	Mov_01	Max M2	0	0	A6-6	0
A6	4.5	Mov_01	Max M2	0	0	A6-6	0.875
A6	4.5	Mov_01	Max M2	0	0	A6-7	0
A6	5.375	Mov_01	Max M2	0	0	A6-7	0.875
A6	5.375	Mov_01	Max M2	0	0	A6-8	0
A6	6	Mov_01	Max M2	0	0	A6-8	0.625
A6	6	Mov_01	Max M2	0	0	A6-9	0
A6	6.625	Mov_01	Max M2	0	0	A6-9	0.625
A6	6.625	Mov_01	Max M2	0	0	A6-10	0
A6	7.5	Mov_01	Max M2	0	0	A6-10	0.875
A6	0	Mov_01	Min M2	0	0	A6-1	0
A6	0.625	Mov_01	Min M2	0	0	A6-1	0.625
A6	0.625	Mov_01	Min M2	0	0	A6-2	0
A6	1.5	Mov_01	Min M2	0	0	A6-2	0.875
A6	1.5	Mov_01	Min M2	0	0	A6-3	0
A6	2.375	Mov_01	Min M2	0	0	A6-3	0.875
A6	2.375	Mov_01	Min M2	0	0	A6-4	0
A6	3	Mov_01	Min M2	0	0	A6-4	0.625

AUTOSTRADA VALDASTICO A31 NORD
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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		
A6	3	Mov_01	Min M2	0	0	A6-5	0
A6	3.625	Mov_01	Min M2	0	0	A6-5	0.625
A6	3.625	Mov_01	Min M2	0	0	A6-6	0
A6	4.5	Mov_01	Min M2	0	0	A6-6	0.875
A6	4.5	Mov_01	Min M2	0	0	A6-7	0
A6	5.375	Mov_01	Min M2	0	0	A6-7	0.875
A6	5.375	Mov_01	Min M2	0	0	A6-8	0
A6	6	Mov_01	Min M2	0	0	A6-8	0.625
A6	6	Mov_01	Min M2	0	0	A6-9	0
A6	6.625	Mov_01	Min M2	0	0	A6-9	0.625
A6	6.625	Mov_01	Min M2	0	0	A6-10	0
A6	7.5	Mov_01	Min M2	0	0	A6-10	0.875
A6	0	Mov_01	Max M3	0	38.0305	A6-1	0
A6	0.625	Mov_01	Max M3	0	102.4202	A6-1	0.625
A6	0.625	Mov_01	Max M3	0	98.3907	A6-2	0
A6	1.5	Mov_01	Max M3	0	330.5952	A6-2	0.875
A6	1.5	Mov_01	Max M3	0	317.4189	A6-3	0
A6	2.375	Mov_01	Max M3	0	621.4042	A6-3	0.875
A6	2.375	Mov_01	Max M3	0	616.8715	A6-4	0
A6	3	Mov_01	Max M3	0	787.4014	A6-4	0.625
A6	3	Mov_01	Max M3	0	787.388	A6-5	0
A6	3.625	Mov_01	Max M3	0	1084.8723	A6-5	0.625
A6	3.625	Mov_01	Max M3	0	1044.8807	A6-6	0
A6	4.5	Mov_01	Max M3	0	1416.5142	A6-6	0.875
A6	4.5	Mov_01	Max M3	0	1392.1365	A6-7	0
A6	5.375	Mov_01	Max M3	0	1785.0363	A6-7	0.875
A6	5.375	Mov_01	Max M3	0	1772.5385	A6-8	0
A6	6	Mov_01	Max M3	0	2003.3356	A6-8	0.625
A6	6	Mov_01	Max M3	0	2003.3165	A6-9	0
A6	6.625	Mov_01	Max M3	0	2361.2263	A6-9	0.625
A6	6.625	Mov_01	Max M3	0	2336.3482	A6-10	0
A6	7.5	Mov_01	Max M3	0	2731.3374	A6-10	0.875
A6	0	Mov_01	Min M3	0	-6861.6224	A6-1	0
A6	0.625	Mov_01	Min M3	0	-6283.5883	A6-1	0.625
A6	0.625	Mov_01	Min M3	0	-6297.0249	A6-2	0
A6	1.5	Mov_01	Min M3	0	-5713.0564	A6-2	0.875
A6	1.5	Mov_01	Min M3	0	-5715.4057	A6-3	0
A6	2.375	Mov_01	Min M3	0	-5251.601	A6-3	0.875
A6	2.375	Mov_01	Min M3	0	-5259.9227	A6-4	0
A6	3	Mov_01	Min M3	0	-4952.3828	A6-4	0.625
A6	3	Mov_01	Min M3	0	-4952.4005	A6-5	0
A6	3.625	Mov_01	Min M3	0	-4665.5293	A6-5	0.625
A6	3.625	Mov_01	Min M3	0	-4673.3645	A6-6	0
A6	4.5	Mov_01	Min M3	0	-4307.5051	A6-6	0.875
A6	4.5	Mov_01	Min M3	0	-4309.5952	A6-7	0
A6	5.375	Mov_01	Min M3	0	-3987.7402	A6-7	0.875
A6	5.375	Mov_01	Min M3	0	-3994.0745	A6-8	0
A6	6	Mov_01	Min M3	0	-3791.2983	A6-8	0.625
A6	6	Mov_01	Min M3	0	-3791.3104	A6-9	0
A6	6.625	Mov_01	Min M3	0	-3612.8856	A6-9	0.625
A6	6.625	Mov_01	Min M3	0	-3617.6492	A6-10	0
A6	7.5	Mov_01	Min M3	0	-3408.9715	A6-10	0.875
A7	0	Mov_01	Max P	0	0	A7-1	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		
A7	0.375	Mov_01	Max P	0	0	A7-1	0.375
A7	0.375	Mov_01	Max P	0	0	A7-2	0
A7	1.625	Mov_01	Max P	0	0	A7-2	1.25
A7	1.625	Mov_01	Max P	0	0	A7-3	0
A7	2.875	Mov_01	Max P	0	0	A7-3	1.25
A7	2.875	Mov_01	Max P	0	0	A7-4	0
A7	3.5	Mov_01	Max P	0	0	A7-4	0.625
A7	3.5	Mov_01	Max P	0	0	A7-5	0
A7	4.125	Mov_01	Max P	0	0	A7-5	0.625
A7	4.125	Mov_01	Max P	0	0	A7-6	0
A7	5.375	Mov_01	Max P	0	0	A7-6	1.25
A7	5.375	Mov_01	Max P	0	0	A7-7	0
A7	6.625	Mov_01	Max P	0	0	A7-7	1.25
A7	6.625	Mov_01	Max P	0	0	A7-8	0
A7	7.5	Mov_01	Max P	0	0	A7-8	0.875
A7	0	Mov_01	Min P	0	0	A7-1	0
A7	0.375	Mov_01	Min P	0	0	A7-1	0.375
A7	0.375	Mov_01	Min P	0	0	A7-2	0
A7	1.625	Mov_01	Min P	0	0	A7-2	1.25
A7	1.625	Mov_01	Min P	0	0	A7-3	0
A7	2.875	Mov_01	Min P	0	0	A7-3	1.25
A7	2.875	Mov_01	Min P	0	0	A7-4	0
A7	3.5	Mov_01	Min P	0	0	A7-4	0.625
A7	3.5	Mov_01	Min P	0	0	A7-5	0
A7	4.125	Mov_01	Min P	0	0	A7-5	0.625
A7	4.125	Mov_01	Min P	0	0	A7-6	0
A7	5.375	Mov_01	Min P	0	0	A7-6	1.25
A7	5.375	Mov_01	Min P	0	0	A7-7	0
A7	6.625	Mov_01	Min P	0	0	A7-7	1.25
A7	6.625	Mov_01	Min P	0	0	A7-8	0
A7	7.5	Mov_01	Min P	0	0	A7-8	0.875
A7	0	Mov_01	Max V2	0	1844.9148	A7-1	0
A7	0.375	Mov_01	Max V2	0	1823.3561	A7-1	0.375
A7	0.375	Mov_01	Max V2	0	2322.8404	A7-2	0
A7	1.625	Mov_01	Max V2	0	2232.2603	A7-2	1.25
A7	1.625	Mov_01	Max V2	0	2750.8979	A7-3	0
A7	2.875	Mov_01	Max V2	0	2639.6375	A7-3	1.25
A7	2.875	Mov_01	Max V2	0	3172.829	A7-4	0
A7	3.5	Mov_01	Max V2	0	3105.7146	A7-4	0.625
A7	3.5	Mov_01	Max V2	0	3107.9135	A7-5	0
A7	4.125	Mov_01	Max V2	0	3041.4475	A7-5	0.625
A7	4.125	Mov_01	Max V2	0	3593.4848	A7-6	0
A7	5.375	Mov_01	Max V2	0	3436.0511	A7-6	1.25
A7	5.375	Mov_01	Max V2	0	4000.9539	A7-7	0
A7	6.625	Mov_01	Max V2	0	3817.9451	A7-7	1.25
A7	6.625	Mov_01	Max V2	0	4392.857	A7-8	0
A7	7.5	Mov_01	Max V2	0	4245.8272	A7-8	0.875
A7	0	Mov_01	Min V2	0	693.0128	A7-1	0
A7	0.375	Mov_01	Min V2	0	1029.7797	A7-1	0.375
A7	0.375	Mov_01	Min V2	0	652.8298	A7-2	0
A7	1.625	Mov_01	Min V2	0	1727.3772	A7-2	1.25
A7	1.625	Mov_01	Min V2	0	1334.1533	A7-3	0
A7	2.875	Mov_01	Min V2	0	2361.0636	A7-3	1.25

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

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M2	M3	FrameElem	ElemStation m
				KN-m	KN-m		
A7	2.875	Mov_01	Min V2	0	1954.2641	A7-4	0
A7	3.5	Mov_01	Min V2	0	2443.7014	A7-4	0.625
A7	3.5	Mov_01	Min V2	0	2442.6511	A7-5	0
A7	4.125	Mov_01	Min V2	0	2932.7788	A7-5	0.625
A7	4.125	Mov_01	Min V2	0	2511.3257	A7-6	0
A7	5.375	Mov_01	Min V2	0	3443.7271	A7-6	1.25
A7	5.375	Mov_01	Min V2	0	3003.8958	A7-7	0
A7	6.625	Mov_01	Min V2	0	3889.4586	A7-7	1.25
A7	6.625	Mov_01	Min V2	0	3433.225	A7-8	0
A7	7.5	Mov_01	Min V2	0	4020.4844	A7-8	0.875
A7	0	Mov_01	Max V3	0	0	A7-1	0
A7	0.375	Mov_01	Max V3	0	0	A7-1	0.375
A7	0.375	Mov_01	Max V3	0	0	A7-2	0
A7	1.625	Mov_01	Max V3	0	0	A7-2	1.25
A7	1.625	Mov_01	Max V3	0	0	A7-3	0
A7	2.875	Mov_01	Max V3	0	0	A7-3	1.25
A7	2.875	Mov_01	Max V3	0	0	A7-4	0
A7	3.5	Mov_01	Max V3	0	0	A7-4	0.625
A7	3.5	Mov_01	Max V3	0	0	A7-5	0
A7	4.125	Mov_01	Max V3	0	0	A7-5	0.625
A7	4.125	Mov_01	Max V3	0	0	A7-6	0
A7	5.375	Mov_01	Max V3	0	0	A7-6	1.25
A7	5.375	Mov_01	Max V3	0	0	A7-7	0
A7	6.625	Mov_01	Max V3	0	0	A7-7	1.25
A7	6.625	Mov_01	Max V3	0	0	A7-8	0
A7	7.5	Mov_01	Max V3	0	0	A7-8	0.875
A7	0	Mov_01	Min V3	0	0	A7-1	0
A7	0.375	Mov_01	Min V3	0	0	A7-1	0.375
A7	0.375	Mov_01	Min V3	0	0	A7-2	0
A7	1.625	Mov_01	Min V3	0	0	A7-2	1.25
A7	1.625	Mov_01	Min V3	0	0	A7-3	0
A7	2.875	Mov_01	Min V3	0	0	A7-3	1.25
A7	2.875	Mov_01	Min V3	0	0	A7-4	0
A7	3.5	Mov_01	Min V3	0	0	A7-4	0.625
A7	3.5	Mov_01	Min V3	0	0	A7-5	0
A7	4.125	Mov_01	Min V3	0	0	A7-5	0.625
A7	4.125	Mov_01	Min V3	0	0	A7-6	0
A7	5.375	Mov_01	Min V3	0	0	A7-6	1.25
A7	5.375	Mov_01	Min V3	0	0	A7-7	0
A7	6.625	Mov_01	Min V3	0	0	A7-7	1.25
A7	6.625	Mov_01	Min V3	0	0	A7-8	0
A7	7.5	Mov_01	Min V3	0	0	A7-8	0.875
A7	0	Mov_01	Max T	0	1919.458	A7-1	0
A7	0.375	Mov_01	Max T	0	2006.8097	A7-1	0.375
A7	0.375	Mov_01	Max T	0	2435.3619	A7-2	0
A7	1.625	Mov_01	Max T	0	2685.8335	A7-2	1.25
A7	1.625	Mov_01	Max T	0	3168.6017	A7-3	0
A7	2.875	Mov_01	Max T	0	3392.914	A7-3	1.25
A7	2.875	Mov_01	Max T	0	3954.7389	A7-4	0
A7	3.5	Mov_01	Max T	0	4072.61	A7-4	0.625
A7	3.5	Mov_01	Max T	0	3642.0892	A7-5	0
A7	4.125	Mov_01	Max T	0	3712.1613	A7-5	0.625
A7	4.125	Mov_01	Max T	0	4248.3279	A7-6	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		
A7	5.375	Mov_01	Max T	0	4353.2848	A7-6	1.25
A7	5.375	Mov_01	Max T	0	4801.7779	A7-7	0
A7	6.625	Mov_01	Max T	0	4861.9169	A7-7	1.25
A7	6.625	Mov_01	Max T	0	5392.2516	A7-8	0
A7	7.5	Mov_01	Max T	0	5412.1604	A7-8	0.875
A7	0	Mov_01	Min T	0	625.2278	A7-1	0
A7	0.375	Mov_01	Min T	0	853.0514	A7-1	0.375
A7	0.375	Mov_01	Min T	0	543.1432	A7-2	0
A7	1.625	Mov_01	Min T	0	1276.5297	A7-2	1.25
A7	1.625	Mov_01	Min T	0	921.6282	A7-3	0
A7	2.875	Mov_01	Min T	0	1612.7584	A7-3	1.25
A7	2.875	Mov_01	Min T	0	296.8001	A7-4	0
A7	3.5	Mov_01	Min T	0	509.0387	A7-4	0.625
A7	3.5	Mov_01	Min T	0	1970.9801	A7-5	0
A7	4.125	Mov_01	Min T	0	2303.4567	A7-5	0.625
A7	4.125	Mov_01	Min T	0	1865.4912	A7-6	0
A7	5.375	Mov_01	Min T	0	2535.108	A7-6	1.25
A7	5.375	Mov_01	Min T	0	2214.8212	A7-7	0
A7	6.625	Mov_01	Min T	0	2856.6974	A7-7	1.25
A7	6.625	Mov_01	Min T	0	2463.4534	A7-8	0
A7	7.5	Mov_01	Min T	0	2882.7732	A7-8	0.875
A7	0	Mov_01	Max M2	0	0	A7-1	0
A7	0.375	Mov_01	Max M2	0	0	A7-1	0.375
A7	0.375	Mov_01	Max M2	0	0	A7-2	0
A7	1.625	Mov_01	Max M2	0	0	A7-2	1.25
A7	1.625	Mov_01	Max M2	0	0	A7-3	0
A7	2.875	Mov_01	Max M2	0	0	A7-3	1.25
A7	2.875	Mov_01	Max M2	0	0	A7-4	0
A7	3.5	Mov_01	Max M2	0	0	A7-4	0.625
A7	3.5	Mov_01	Max M2	0	0	A7-5	0
A7	4.125	Mov_01	Max M2	0	0	A7-5	0.625
A7	4.125	Mov_01	Max M2	0	0	A7-6	0
A7	5.375	Mov_01	Max M2	0	0	A7-6	1.25
A7	5.375	Mov_01	Max M2	0	0	A7-7	0
A7	6.625	Mov_01	Max M2	0	0	A7-7	1.25
A7	6.625	Mov_01	Max M2	0	0	A7-8	0
A7	7.5	Mov_01	Max M2	0	0	A7-8	0.875
A7	0	Mov_01	Min M2	0	0	A7-1	0
A7	0.375	Mov_01	Min M2	0	0	A7-1	0.375
A7	0.375	Mov_01	Min M2	0	0	A7-2	0
A7	1.625	Mov_01	Min M2	0	0	A7-2	1.25
A7	1.625	Mov_01	Min M2	0	0	A7-3	0
A7	2.875	Mov_01	Min M2	0	0	A7-3	1.25
A7	2.875	Mov_01	Min M2	0	0	A7-4	0
A7	3.5	Mov_01	Min M2	0	0	A7-4	0.625
A7	3.5	Mov_01	Min M2	0	0	A7-5	0
A7	4.125	Mov_01	Min M2	0	0	A7-5	0.625
A7	4.125	Mov_01	Min M2	0	0	A7-6	0
A7	5.375	Mov_01	Min M2	0	0	A7-6	1.25
A7	5.375	Mov_01	Min M2	0	0	A7-7	0
A7	6.625	Mov_01	Min M2	0	0	A7-7	1.25
A7	6.625	Mov_01	Min M2	0	0	A7-8	0
A7	7.5	Mov_01	Min M2	0	0	A7-8	0.875

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

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M2	M3	FrameElem	ElemStation m
				KN-m	KN-m		
A7	0	Mov_01	Max M3	0	2731.3374	A7-1	0
A7	0.375	Mov_01	Max M3	0	2979.8524	A7-1	0.375
A7	0.375	Mov_01	Max M3	0	2953.2314	A7-2	0
A7	1.625	Mov_01	Max M3	0	3653.3619	A7-2	1.25
A7	1.625	Mov_01	Max M3	0	3624.2337	A7-3	0
A7	2.875	Mov_01	Max M3	0	4327.8342	A7-3	1.25
A7	2.875	Mov_01	Max M3	0	4299.2144	A7-4	0
A7	3.5	Mov_01	Max M3	0	4577.1295	A7-4	0.625
A7	3.5	Mov_01	Max M3	0	4577.1052	A7-5	0
A7	4.125	Mov_01	Max M3	0	4950.7389	A7-5	0.625
A7	4.125	Mov_01	Max M3	0	4923.5144	A7-6	0
A7	5.375	Mov_01	Max M3	0	5519.3076	A7-6	1.25
A7	5.375	Mov_01	Max M3	0	5493.9798	A7-7	0
A7	6.625	Mov_01	Max M3	0	6031.3109	A7-7	1.25
A7	6.625	Mov_01	Max M3	0	6007.9884	A7-8	0
A7	7.5	Mov_01	Max M3	0	6298.7866	A7-8	0.875
A7	0	Mov_01	Min M3	0	-3408.9715	A7-1	0
A7	0.375	Mov_01	Min M3	0	-3335.1835	A7-1	0.375
A7	0.375	Mov_01	Min M3	0	-3337.9658	A7-2	0
A7	1.625	Mov_01	Min M3	0	-3158.3321	A7-2	1.25
A7	1.625	Mov_01	Min M3	0	-3158.5202	A7-3	0
A7	2.875	Mov_01	Min M3	0	-3031.7496	A7-3	1.25
A7	2.875	Mov_01	Min M3	0	-3031.9764	A7-4	0
A7	3.5	Mov_01	Min M3	0	-2968.7811	A7-4	0.625
A7	3.5	Mov_01	Min M3	0	-2968.7819	A7-5	0
A7	4.125	Mov_01	Min M3	0	-2905.5888	A7-5	0.625
A7	4.125	Mov_01	Min M3	0	-2906.0871	A7-6	0
A7	5.375	Mov_01	Min M3	0	-2779.7057	A7-6	1.25
A7	5.375	Mov_01	Min M3	0	-2780.4624	A7-7	0
A7	6.625	Mov_01	Min M3	0	-2654.0867	A7-7	1.25
A7	6.625	Mov_01	Min M3	0	-2655.0875	A7-8	0
A7	7.5	Mov_01	Min M3	0	-2566.6248	A7-8	0.875
A8	0	Mov_01	Max P	0	0	A8-1	0
A8	0.375	Mov_01	Max P	0	0	A8-1	0.375
A8	0.375	Mov_01	Max P	0	0	A8-2	0
A8	1	Mov_01	Max P	0	0	A8-2	0.625
A8	1	Mov_01	Max P	0	0	A8-3	0
A8	1.625	Mov_01	Max P	0	0	A8-3	0.625
A8	1.625	Mov_01	Max P	0	0	A8-4	0
A8	2.875	Mov_01	Max P	0	0	A8-4	1.25
A8	2.875	Mov_01	Max P	0	0	A8-5	0
A8	4.125	Mov_01	Max P	0	0	A8-5	1.25
A8	4.125	Mov_01	Max P	0	0	A8-6	0
A8	5.375	Mov_01	Max P	0	0	A8-6	1.25
A8	5.375	Mov_01	Max P	0	0	A8-7	0
A8	6	Mov_01	Max P	0	0	A8-7	0.625
A8	6	Mov_01	Max P	0	0	A8-8	0
A8	6.625	Mov_01	Max P	0	0	A8-8	0.625
A8	6.625	Mov_01	Max P	0	0	A8-9	0
A8	7.875	Mov_01	Max P	0	0	A8-9	1.25
A8	7.875	Mov_01	Max P	0	0	A8-10	0
A8	9.125	Mov_01	Max P	0	0	A8-10	1.25
A8	9.125	Mov_01	Max P	0	0	A8-11	0

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

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M2	M3	FrameElem	ElemStation m
				KN-m	KN-m		
A8	9.5	Mov_01	Max P	0	0	A8-11	0.375
A8	0	Mov_01	Min P	0	0	A8-1	0
A8	0.375	Mov_01	Min P	0	0	A8-1	0.375
A8	0.375	Mov_01	Min P	0	0	A8-2	0
A8	1	Mov_01	Min P	0	0	A8-2	0.625
A8	1	Mov_01	Min P	0	0	A8-3	0
A8	1.625	Mov_01	Min P	0	0	A8-3	0.625
A8	1.625	Mov_01	Min P	0	0	A8-4	0
A8	2.875	Mov_01	Min P	0	0	A8-4	1.25
A8	2.875	Mov_01	Min P	0	0	A8-5	0
A8	4.125	Mov_01	Min P	0	0	A8-5	1.25
A8	4.125	Mov_01	Min P	0	0	A8-6	0
A8	5.375	Mov_01	Min P	0	0	A8-6	1.25
A8	5.375	Mov_01	Min P	0	0	A8-7	0
A8	6	Mov_01	Min P	0	0	A8-7	0.625
A8	6	Mov_01	Min P	0	0	A8-8	0
A8	6.625	Mov_01	Min P	0	0	A8-8	0.625
A8	6.625	Mov_01	Min P	0	0	A8-9	0
A8	7.875	Mov_01	Min P	0	0	A8-9	1.25
A8	7.875	Mov_01	Min P	0	0	A8-10	0
A8	9.125	Mov_01	Min P	0	0	A8-10	1.25
A8	9.125	Mov_01	Min P	0	0	A8-11	0
A8	9.5	Mov_01	Min P	0	0	A8-11	0.375
A8	0	Mov_01	Max V2	0	4245.8272	A8-1	0
A8	0.375	Mov_01	Max V2	0	4182.8145	A8-1	0.375
A8	0.375	Mov_01	Max V2	0	4765.2119	A8-2	0
A8	1	Mov_01	Max V2	0	4645.6889	A8-2	0.625
A8	1	Mov_01	Max V2	0	4645.2458	A8-3	0
A8	1.625	Mov_01	Max V2	0	4526.0865	A8-3	0.625
A8	1.625	Mov_01	Max V2	0	5114.0539	A8-4	0
A8	2.875	Mov_01	Max V2	0	4844.87	A8-4	1.25
A8	2.875	Mov_01	Max V2	0	5435.5656	A8-5	0
A8	4.125	Mov_01	Max V2	0	5134.1248	A8-5	1.25
A8	4.125	Mov_01	Max V2	0	5724.1828	A8-6	0
A8	5.375	Mov_01	Max V2	0	5388.7714	A8-6	1.25
A8	5.375	Mov_01	Max V2	0	5974.9799	A8-7	0
A8	6	Mov_01	Max V2	0	5789.2461	A8-7	0.625
A8	6	Mov_01	Max V2	0	5788.7552	A8-8	0
A8	6.625	Mov_01	Max V2	0	5603.3907	A8-8	0.625
A8	6.625	Mov_01	Max V2	0	6182.0825	A8-9	0
A8	7.875	Mov_01	Max V2	0	5773.5938	A8-9	1.25
A8	7.875	Mov_01	Max V2	0	6341.0573	A8-10	0
A8	9.125	Mov_01	Max V2	0	5893.4534	A8-10	1.25
A8	9.125	Mov_01	Max V2	0	6446.4124	A8-11	0
A8	9.5	Mov_01	Max V2	0	6299.8895	A8-11	0.375
A8	0	Mov_01	Min V2	0	4020.4844	A8-1	0
A8	0.375	Mov_01	Min V2	0	4272.167	A8-1	0.375
A8	0.375	Mov_01	Min V2	0	3799.3005	A8-2	0
A8	1	Mov_01	Min V2	0	4195.4448	A8-2	0.625
A8	1	Mov_01	Min V2	0	4195.8725	A8-3	0
A8	1.625	Mov_01	Min V2	0	4592.3986	A8-3	0.625
A8	1.625	Mov_01	Min V2	0	4102.1167	A8-4	0
A8	2.875	Mov_01	Min V2	0	4849.0548	A8-4	1.25

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

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M2	M3	FrameElem	ElemStation m
				KN-m	KN-m		
A8	2.875	Mov_01	Min V2	0	4341.0869	A8-5	0
A8	4.125	Mov_01	Min V2	0	5042.7995	A8-5	1.25
A8	4.125	Mov_01	Min V2	0	4516.7139	A8-6	0
A8	5.375	Mov_01	Min V2	0	5173.7649	A8-6	1.25
A8	5.375	Mov_01	Min V2	0	4629.3155	A8-7	0
A8	6	Mov_01	Min V2	0	4935.6492	A8-7	0.625
A8	6	Mov_01	Min V2	0	4936.1428	A8-8	0
A8	6.625	Mov_01	Min V2	0	5242.8518	A8-8	0.625
A8	6.625	Mov_01	Min V2	0	4680.4711	A8-9	0
A8	7.875	Mov_01	Min V2	0	5250.1921	A8-9	1.25
A8	7.875	Mov_01	Min V2	0	4670.5745	A8-10	0
A8	9.125	Mov_01	Min V2	0	5197.7236	A8-10	1.25
A8	9.125	Mov_01	Min V2	0	4601.5012	A8-11	0
A8	9.5	Mov_01	Min V2	0	4747.1079	A8-11	0.375
A8	0	Mov_01	Max V3	0	0	A8-1	0
A8	0.375	Mov_01	Max V3	0	0	A8-1	0.375
A8	0.375	Mov_01	Max V3	0	0	A8-2	0
A8	1	Mov_01	Max V3	0	0	A8-2	0.625
A8	1	Mov_01	Max V3	0	0	A8-3	0
A8	1.625	Mov_01	Max V3	0	0	A8-3	0.625
A8	1.625	Mov_01	Max V3	0	0	A8-4	0
A8	2.875	Mov_01	Max V3	0	0	A8-4	1.25
A8	2.875	Mov_01	Max V3	0	0	A8-5	0
A8	4.125	Mov_01	Max V3	0	0	A8-5	1.25
A8	4.125	Mov_01	Max V3	0	0	A8-6	0
A8	5.375	Mov_01	Max V3	0	0	A8-6	1.25
A8	5.375	Mov_01	Max V3	0	0	A8-7	0
A8	6	Mov_01	Max V3	0	0	A8-7	0.625
A8	6	Mov_01	Max V3	0	0	A8-8	0
A8	6.625	Mov_01	Max V3	0	0	A8-8	0.625
A8	6.625	Mov_01	Max V3	0	0	A8-9	0
A8	7.875	Mov_01	Max V3	0	0	A8-9	1.25
A8	7.875	Mov_01	Max V3	0	0	A8-10	0
A8	9.125	Mov_01	Max V3	0	0	A8-10	1.25
A8	9.125	Mov_01	Max V3	0	0	A8-11	0
A8	9.5	Mov_01	Max V3	0	0	A8-11	0.375
A8	0	Mov_01	Min V3	0	0	A8-1	0
A8	0.375	Mov_01	Min V3	0	0	A8-1	0.375
A8	0.375	Mov_01	Min V3	0	0	A8-2	0
A8	1	Mov_01	Min V3	0	0	A8-2	0.625
A8	1	Mov_01	Min V3	0	0	A8-3	0
A8	1.625	Mov_01	Min V3	0	0	A8-3	0.625
A8	1.625	Mov_01	Min V3	0	0	A8-4	0
A8	2.875	Mov_01	Min V3	0	0	A8-4	1.25
A8	2.875	Mov_01	Min V3	0	0	A8-5	0
A8	4.125	Mov_01	Min V3	0	0	A8-5	1.25
A8	4.125	Mov_01	Min V3	0	0	A8-6	0
A8	5.375	Mov_01	Min V3	0	0	A8-6	1.25
A8	5.375	Mov_01	Min V3	0	0	A8-7	0
A8	6	Mov_01	Min V3	0	0	A8-7	0.625
A8	6	Mov_01	Min V3	0	0	A8-8	0
A8	6.625	Mov_01	Min V3	0	0	A8-8	0.625
A8	6.625	Mov_01	Min V3	0	0	A8-9	0

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

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M2	M3	FrameElem	ElemStation m
				KN-m	KN-m		
A8	7.875	Mov_01	Min V3	0	0	A8-9	1.25
A8	7.875	Mov_01	Min V3	0	0	A8-10	0
A8	9.125	Mov_01	Min V3	0	0	A8-10	1.25
A8	9.125	Mov_01	Min V3	0	0	A8-11	0
A8	9.5	Mov_01	Min V3	0	0	A8-11	0.375
A8	0	Mov_01	Max T	0	5412.1604	A8-1	0
A8	0.375	Mov_01	Max T	0	5420.6928	A8-1	0.375
A8	0.375	Mov_01	Max T	0	6042.8491	A8-2	0
A8	1	Mov_01	Max T	0	6060.9712	A8-2	0.625
A8	1	Mov_01	Max T	0	5069.1517	A8-3	0
A8	1.625	Mov_01	Max T	0	5060.443	A8-3	0.625
A8	1.625	Mov_01	Max T	0	4569.5732	A8-4	0
A8	2.875	Mov_01	Max T	0	4559.0594	A8-4	1.25
A8	2.875	Mov_01	Max T	0	4515.5273	A8-5	0
A8	4.125	Mov_01	Max T	0	4482.1128	A8-5	1.25
A8	4.125	Mov_01	Max T	0	5018.8357	A8-6	0
A8	5.375	Mov_01	Max T	0	4949.5539	A8-6	1.25
A8	5.375	Mov_01	Max T	0	5521.5325	A8-7	0
A8	6	Mov_01	Max T	0	5486.4033	A8-7	0.625
A8	6	Mov_01	Max T	0	2968.6039	A8-8	0
A8	6.625	Mov_01	Max T	0	2960.6224	A8-8	0.625
A8	6.625	Mov_01	Max T	0	4911.8409	A8-9	0
A8	7.875	Mov_01	Max T	0	4747.6538	A8-9	1.25
A8	7.875	Mov_01	Max T	0	5169.84	A8-10	0
A8	9.125	Mov_01	Max T	0	4958.5342	A8-10	1.25
A8	9.125	Mov_01	Max T	0	5185.3729	A8-11	0
A8	9.5	Mov_01	Max T	0	5109.8482	A8-11	0.375
A8	0	Mov_01	Min T	0	2882.7732	A8-1	0
A8	0.375	Mov_01	Min T	0	3062.4818	A8-1	0.375
A8	0.375	Mov_01	Min T	0	1643.0352	A8-2	0
A8	1	Mov_01	Min T	0	1815.2524	A8-2	0.625
A8	1	Mov_01	Min T	0	4433.5143	A8-3	0
A8	1.625	Mov_01	Min T	0	4682.1747	A8-3	0.625
A8	1.625	Mov_01	Min T	0	4609.4198	A8-4	0
A8	2.875	Mov_01	Min T	0	5099.7561	A8-4	1.25
A8	2.875	Mov_01	Min T	0	5263.3202	A8-5	0
A8	4.125	Mov_01	Min T	0	5696.9095	A8-5	1.25
A8	4.125	Mov_01	Min T	0	5238.6556	A8-6	0
A8	5.375	Mov_01	Min T	0	5628.8414	A8-6	1.25
A8	5.375	Mov_01	Min T	0	3576.94	A8-7	0
A8	6	Mov_01	Min T	0	3675.0197	A8-7	0.625
A8	6	Mov_01	Min T	0	6196.5167	A8-8	0
A8	6.625	Mov_01	Min T	0	6358.7822	A8-8	0.625
A8	6.625	Mov_01	Min T	0	5952.6337	A8-9	0
A8	7.875	Mov_01	Min T	0	6277.9608	A8-9	1.25
A8	7.875	Mov_01	Min T	0	5843.8284	A8-10	0
A8	9.125	Mov_01	Min T	0	6134.5697	A8-10	1.25
A8	9.125	Mov_01	Min T	0	5864.5562	A8-11	0
A8	9.5	Mov_01	Min T	0	5939.1498	A8-11	0.375
A8	0	Mov_01	Max M2	0	0	A8-1	0
A8	0.375	Mov_01	Max M2	0	0	A8-1	0.375
A8	0.375	Mov_01	Max M2	0	0	A8-2	0
A8	1	Mov_01	Max M2	0	0	A8-2	0.625

AUTOSTRADA VALDASTICO A31 NORD
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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		
A8	1	Mov_01	Max M2	0	0	A8-3	0
A8	1.625	Mov_01	Max M2	0	0	A8-3	0.625
A8	1.625	Mov_01	Max M2	0	0	A8-4	0
A8	2.875	Mov_01	Max M2	0	0	A8-4	1.25
A8	2.875	Mov_01	Max M2	0	0	A8-5	0
A8	4.125	Mov_01	Max M2	0	0	A8-5	1.25
A8	4.125	Mov_01	Max M2	0	0	A8-6	0
A8	5.375	Mov_01	Max M2	0	0	A8-6	1.25
A8	5.375	Mov_01	Max M2	0	0	A8-7	0
A8	6	Mov_01	Max M2	0	0	A8-7	0.625
A8	6	Mov_01	Max M2	0	0	A8-8	0
A8	6.625	Mov_01	Max M2	0	0	A8-8	0.625
A8	6.625	Mov_01	Max M2	0	0	A8-9	0
A8	7.875	Mov_01	Max M2	0	0	A8-9	1.25
A8	7.875	Mov_01	Max M2	0	0	A8-10	0
A8	9.125	Mov_01	Max M2	0	0	A8-10	1.25
A8	9.125	Mov_01	Max M2	0	0	A8-11	0
A8	9.5	Mov_01	Max M2	0	0	A8-11	0.375
A8	0	Mov_01	Min M2	0	0	A8-1	0
A8	0.375	Mov_01	Min M2	0	0	A8-1	0.375
A8	0.375	Mov_01	Min M2	0	0	A8-2	0
A8	1	Mov_01	Min M2	0	0	A8-2	0.625
A8	1	Mov_01	Min M2	0	0	A8-3	0
A8	1.625	Mov_01	Min M2	0	0	A8-3	0.625
A8	1.625	Mov_01	Min M2	0	0	A8-4	0
A8	2.875	Mov_01	Min M2	0	0	A8-4	1.25
A8	2.875	Mov_01	Min M2	0	0	A8-5	0
A8	4.125	Mov_01	Min M2	0	0	A8-5	1.25
A8	4.125	Mov_01	Min M2	0	0	A8-6	0
A8	5.375	Mov_01	Min M2	0	0	A8-6	1.25
A8	5.375	Mov_01	Min M2	0	0	A8-7	0
A8	6	Mov_01	Min M2	0	0	A8-7	0.625
A8	6	Mov_01	Min M2	0	0	A8-8	0
A8	6.625	Mov_01	Min M2	0	0	A8-8	0.625
A8	6.625	Mov_01	Min M2	0	0	A8-9	0
A8	7.875	Mov_01	Min M2	0	0	A8-9	1.25
A8	7.875	Mov_01	Min M2	0	0	A8-10	0
A8	9.125	Mov_01	Min M2	0	0	A8-10	1.25
A8	9.125	Mov_01	Min M2	0	0	A8-11	0
A8	9.5	Mov_01	Min M2	0	0	A8-11	0.375
A8	0	Mov_01	Max M3	0	6298.7866	A8-1	0
A8	0.375	Mov_01	Max M3	0	6485.4869	A8-1	0.375
A8	0.375	Mov_01	Max M3	0	6464.3926	A8-2	0
A8	1	Mov_01	Max M3	0	6624.3998	A8-2	0.625
A8	1	Mov_01	Max M3	0	6624.3871	A8-3	0
A8	1.625	Mov_01	Max M3	0	6880.1219	A8-3	0.625
A8	1.625	Mov_01	Max M3	0	6861.7992	A8-4	0
A8	2.875	Mov_01	Max M3	0	7212.8693	A8-4	1.25
A8	2.875	Mov_01	Max M3	0	7197.6792	A8-5	0
A8	4.125	Mov_01	Max M3	0	7481.0523	A8-5	1.25
A8	4.125	Mov_01	Max M3	0	7469.3522	A8-6	0
A8	5.375	Mov_01	Max M3	0	7682.4066	A8-6	1.25
A8	5.375	Mov_01	Max M3	0	7674.8715	A8-7	0

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

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M2	M3	FrameElem	ElemStation m
				KN-m	KN-m		
A8	6	Mov_01	Max M3	0	7700.3409	A8-7	0.625
A8	6	Mov_01	Max M3	0	7700.3438	A8-8	0
A8	6.625	Mov_01	Max M3	0	7814.803	A8-8	0.625
A8	6.625	Mov_01	Max M3	0	7814.0043	A8-9	0
A8	7.875	Mov_01	Max M3	0	7876.1393	A8-9	1.25
A8	7.875	Mov_01	Max M3	0	7882.616	A8-10	0
A8	9.125	Mov_01	Max M3	0	7864.4828	A8-10	1.25
A8	9.125	Mov_01	Max M3	0	7878.6553	A8-11	0
A8	9.5	Mov_01	Max M3	0	7805.1531	A8-11	0.375
A8	0	Mov_01	Min M3	0	-2566.6248	A8-1	0
A8	0.375	Mov_01	Min M3	0	-2528.7123	A8-1	0.375
A8	0.375	Mov_01	Min M3	0	-2529.9523	A8-2	0
A8	1	Mov_01	Min M3	0	-2466.7629	A8-2	0.625
A8	1	Mov_01	Min M3	0	-2466.7659	A8-3	0
A8	1.625	Mov_01	Min M3	0	-2403.5773	A8-3	0.625
A8	1.625	Mov_01	Min M3	0	-2405.0633	A8-4	0
A8	2.875	Mov_01	Min M3	0	-2278.6882	A8-4	1.25
A8	2.875	Mov_01	Min M3	0	-2280.4055	A8-5	0
A8	4.125	Mov_01	Min M3	0	-2154.0338	A8-5	1.25
A8	4.125	Mov_01	Min M3	0	-2155.9673	A8-6	0
A8	5.375	Mov_01	Min M3	0	-2029.5985	A8-6	1.25
A8	5.375	Mov_01	Min M3	0	-2031.7343	A8-7	0
A8	6	Mov_01	Min M3	0	-1968.5508	A8-7	0.625
A8	6	Mov_01	Min M3	0	-1968.5557	A8-8	0
A8	6.625	Mov_01	Min M3	0	-1905.373	A8-8	0.625
A8	6.625	Mov_01	Min M3	0	-1907.6971	A8-9	0
A8	7.875	Mov_01	Min M3	0	-1781.3395	A8-9	1.25
A8	7.875	Mov_01	Min M3	0	-1783.8332	A8-10	0
A8	9.125	Mov_01	Min M3	0	-1657.4892	A8-10	1.25
A8	9.125	Mov_01	Min M3	0	-1660.1422	A8-11	0
A8	9.5	Mov_01	Min M3	0	-1622.2396	A8-11	0.375
A9	0	Mov_01	Max P	0	0	A9-1	0
A9	0.875	Mov_01	Max P	0	0	A9-1	0.875
A9	0.875	Mov_01	Max P	0	0	A9-2	0
A9	1.5	Mov_01	Max P	0	0	A9-2	0.625
A9	1.5	Mov_01	Max P	0	0	A9-3	0
A9	2.125	Mov_01	Max P	0	0	A9-3	0.625
A9	2.125	Mov_01	Max P	0	0	A9-4	0
A9	3.375	Mov_01	Max P	0	0	A9-4	1.25
A9	3.375	Mov_01	Max P	0	0	A9-5	0
A9	4.625	Mov_01	Max P	0	0	A9-5	1.25
A9	4.625	Mov_01	Max P	0	0	A9-6	0
A9	5.875	Mov_01	Max P	0	0	A9-6	1.25
A9	5.875	Mov_01	Max P	0	0	A9-7	0
A9	6.5	Mov_01	Max P	0	0	A9-7	0.625
A9	6.5	Mov_01	Max P	0	0	A9-8	0
A9	7.125	Mov_01	Max P	0	0	A9-8	0.625
A9	7.125	Mov_01	Max P	0	0	A9-9	0
A9	8.375	Mov_01	Max P	0	0	A9-9	1.25
A9	8.375	Mov_01	Max P	0	0	A9-10	0
A9	9.625	Mov_01	Max P	0	0	A9-10	1.25
A9	9.625	Mov_01	Max P	0	0	A9-11	0
A9	10	Mov_01	Max P	0	0	A9-11	0.375

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

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M2	M3	FrameElem	ElemStation m
				KN-m	KN-m		
A9	0	Mov_01	Min P	0	0	A9-1	0
A9	0.875	Mov_01	Min P	0	0	A9-1	0.875
A9	0.875	Mov_01	Min P	0	0	A9-2	0
A9	1.5	Mov_01	Min P	0	0	A9-2	0.625
A9	1.5	Mov_01	Min P	0	0	A9-3	0
A9	2.125	Mov_01	Min P	0	0	A9-3	0.625
A9	2.125	Mov_01	Min P	0	0	A9-4	0
A9	3.375	Mov_01	Min P	0	0	A9-4	1.25
A9	3.375	Mov_01	Min P	0	0	A9-5	0
A9	4.625	Mov_01	Min P	0	0	A9-5	1.25
A9	4.625	Mov_01	Min P	0	0	A9-6	0
A9	5.875	Mov_01	Min P	0	0	A9-6	1.25
A9	5.875	Mov_01	Min P	0	0	A9-7	0
A9	6.5	Mov_01	Min P	0	0	A9-7	0.625
A9	6.5	Mov_01	Min P	0	0	A9-8	0
A9	7.125	Mov_01	Min P	0	0	A9-8	0.625
A9	7.125	Mov_01	Min P	0	0	A9-9	0
A9	8.375	Mov_01	Min P	0	0	A9-9	1.25
A9	8.375	Mov_01	Min P	0	0	A9-10	0
A9	9.625	Mov_01	Min P	0	0	A9-10	1.25
A9	9.625	Mov_01	Min P	0	0	A9-11	0
A9	10	Mov_01	Min P	0	0	A9-11	0.375
A9	0	Mov_01	Max V2	0	6299.8895	A9-1	0
A9	0.875	Mov_01	Max V2	0	5958.0028	A9-1	0.875
A9	0.875	Mov_01	Max V2	0	6493.358	A9-2	0
A9	1.5	Mov_01	Max V2	0	6227.7148	A9-2	0.625
A9	1.5	Mov_01	Max V2	0	6227.2377	A9-3	0
A9	2.125	Mov_01	Max V2	0	5961.9702	A9-3	0.625
A9	2.125	Mov_01	Max V2	0	6476.2693	A9-4	0
A9	3.375	Mov_01	Max V2	0	5901.1583	A9-4	1.25
A9	3.375	Mov_01	Max V2	0	6390.7027	A9-5	0
A9	4.625	Mov_01	Max V2	0	5769.6622	A9-5	1.25
A9	4.625	Mov_01	Max V2	0	6230.9708	A9-6	0
A9	5.875	Mov_01	Max V2	0	5562.3131	A9-6	1.25
A9	5.875	Mov_01	Max V2	0	5991.8364	A9-7	0
A9	6.5	Mov_01	Max V2	0	5632.6687	A9-7	0.625
A9	6.5	Mov_01	Max V2	0	5632.2773	A9-8	0
A9	7.125	Mov_01	Max V2	0	5273.4911	A9-8	0.625
A9	7.125	Mov_01	Max V2	0	5667.2586	A9-9	0
A9	8.375	Mov_01	Max V2	0	4898.3578	A9-9	1.25
A9	8.375	Mov_01	Max V2	0	5252.3601	A9-10	0
A9	9.625	Mov_01	Max V2	0	4430.8528	A9-10	1.25
A9	9.625	Mov_01	Max V2	0	4741.3832	A9-11	0
A9	10	Mov_01	Max V2	0	4478.6857	A9-11	0.375
A9	0	Mov_01	Min V2	0	4747.1079	A9-1	0
A9	0.875	Mov_01	Min V2	0	5086.857	A9-1	0.875
A9	0.875	Mov_01	Min V2	0	4474.7791	A9-2	0
A9	1.5	Mov_01	Min V2	0	4696.7996	A9-2	0.625
A9	1.5	Mov_01	Min V2	0	4697.2969	A9-3	0
A9	2.125	Mov_01	Min V2	0	4919.6865	A9-3	0.625
A9	2.125	Mov_01	Min V2	0	4292.8101	A9-4	0
A9	3.375	Mov_01	Min V2	0	4697.1516	A9-4	1.25
A9	3.375	Mov_01	Min V2	0	4056.6712	A9-5	0

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

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M2	M3	FrameElem	ElemStation m
				KN-m	KN-m		
A9	4.625	Mov_01	Min V2	0	4421.8873	A9-5	1.25
A9	4.625	Mov_01	Min V2	0	3768.7143	A9-6	0
A9	5.875	Mov_01	Min V2	0	4095.7942	A9-6	1.25
A9	5.875	Mov_01	Min V2	0	3431.0779	A9-7	0
A9	6.5	Mov_01	Min V2	0	3575.9032	A9-7	0.625
A9	6.5	Mov_01	Min V2	0	3576.3285	A9-8	0
A9	7.125	Mov_01	Min V2	0	3721.5155	A9-8	0.625
A9	7.125	Mov_01	Min V2	0	3046.8906	A9-9	0
A9	8.375	Mov_01	Min V2	0	3300.9225	A9-9	1.25
A9	8.375	Mov_01	Min V2	0	2618.371	A9-10	0
A9	9.625	Mov_01	Min V2	0	2837.5985	A9-10	1.25
A9	9.625	Mov_01	Min V2	0	2149.0259	A9-11	0
A9	10	Mov_01	Min V2	0	2204.6655	A9-11	0.375
A9	0	Mov_01	Max V3	0	0	A9-1	0
A9	0.875	Mov_01	Max V3	0	0	A9-1	0.875
A9	0.875	Mov_01	Max V3	0	0	A9-2	0
A9	1.5	Mov_01	Max V3	0	0	A9-2	0.625
A9	1.5	Mov_01	Max V3	0	0	A9-3	0
A9	2.125	Mov_01	Max V3	0	0	A9-3	0.625
A9	2.125	Mov_01	Max V3	0	0	A9-4	0
A9	3.375	Mov_01	Max V3	0	0	A9-4	1.25
A9	3.375	Mov_01	Max V3	0	0	A9-5	0
A9	4.625	Mov_01	Max V3	0	0	A9-5	1.25
A9	4.625	Mov_01	Max V3	0	0	A9-6	0
A9	5.875	Mov_01	Max V3	0	0	A9-6	1.25
A9	5.875	Mov_01	Max V3	0	0	A9-7	0
A9	6.5	Mov_01	Max V3	0	0	A9-7	0.625
A9	6.5	Mov_01	Max V3	0	0	A9-8	0
A9	7.125	Mov_01	Max V3	0	0	A9-8	0.625
A9	7.125	Mov_01	Max V3	0	0	A9-9	0
A9	8.375	Mov_01	Max V3	0	0	A9-9	1.25
A9	8.375	Mov_01	Max V3	0	0	A9-10	0
A9	9.625	Mov_01	Max V3	0	0	A9-10	1.25
A9	9.625	Mov_01	Max V3	0	0	A9-11	0
A9	10	Mov_01	Max V3	0	0	A9-11	0.375
A9	0	Mov_01	Min V3	0	0	A9-1	0
A9	0.875	Mov_01	Min V3	0	0	A9-1	0.875
A9	0.875	Mov_01	Min V3	0	0	A9-2	0
A9	1.5	Mov_01	Min V3	0	0	A9-2	0.625
A9	1.5	Mov_01	Min V3	0	0	A9-3	0
A9	2.125	Mov_01	Min V3	0	0	A9-3	0.625
A9	2.125	Mov_01	Min V3	0	0	A9-4	0
A9	3.375	Mov_01	Min V3	0	0	A9-4	1.25
A9	3.375	Mov_01	Min V3	0	0	A9-5	0
A9	4.625	Mov_01	Min V3	0	0	A9-5	1.25
A9	4.625	Mov_01	Min V3	0	0	A9-6	0
A9	5.875	Mov_01	Min V3	0	0	A9-6	1.25
A9	5.875	Mov_01	Min V3	0	0	A9-7	0
A9	6.5	Mov_01	Min V3	0	0	A9-7	0.625
A9	6.5	Mov_01	Min V3	0	0	A9-8	0
A9	7.125	Mov_01	Min V3	0	0	A9-8	0.625
A9	7.125	Mov_01	Min V3	0	0	A9-9	0
A9	8.375	Mov_01	Min V3	0	0	A9-9	1.25

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

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M2	M3	FrameElem	ElemStation m
				KN-m	KN-m		
A9	8.375	Mov_01	Min V3	0	0	A9-10	0
A9	9.625	Mov_01	Min V3	0	0	A9-10	1.25
A9	9.625	Mov_01	Min V3	0	0	A9-11	0
A9	10	Mov_01	Min V3	0	0	A9-11	0.375
A9	0	Mov_01	Max T	0	5109.8482	A9-1	0
A9	0.875	Mov_01	Max T	0	4933.6239	A9-1	0.875
A9	0.875	Mov_01	Max T	0	4960.6518	A9-2	0
A9	1.5	Mov_01	Max T	0	4824.3641	A9-2	0.625
A9	1.5	Mov_01	Max T	0	2189.4242	A9-3	0
A9	2.125	Mov_01	Max T	0	2100.688	A9-3	0.625
A9	2.125	Mov_01	Max T	0	4172.323	A9-4	0
A9	3.375	Mov_01	Max T	0	3810.1523	A9-4	1.25
A9	3.375	Mov_01	Max T	0	4279.8282	A9-5	0
A9	4.625	Mov_01	Max T	0	3878.6375	A9-5	1.25
A9	4.625	Mov_01	Max T	0	4178.9034	A9-6	0
A9	5.875	Mov_01	Max T	0	3748.348	A9-6	1.25
A9	5.875	Mov_01	Max T	0	4119.4613	A9-7	0
A9	6.5	Mov_01	Max T	0	3907.877	A9-7	0.625
A9	6.5	Mov_01	Max T	0	113.6005	A9-8	0
A9	7.125	Mov_01	Max T	0	117.8488	A9-8	0.625
A9	7.125	Mov_01	Max T	0	3608.3295	A9-9	0
A9	8.375	Mov_01	Max T	0	3133.1024	A9-9	1.25
A9	8.375	Mov_01	Max T	0	3420.7531	A9-10	0
A9	9.625	Mov_01	Max T	0	2899.4244	A9-10	1.25
A9	9.625	Mov_01	Max T	0	3077.0359	A9-11	0
A9	10	Mov_01	Max T	0	2911.0252	A9-11	0.375
A9	0	Mov_01	Min T	0	5939.1498	A9-1	0
A9	0.875	Mov_01	Min T	0	6113.2015	A9-1	0.875
A9	0.875	Mov_01	Min T	0	5904.315	A9-2	0
A9	1.5	Mov_01	Min T	0	6011.8745	A9-2	0.625
A9	1.5	Mov_01	Min T	0	6905.1896	A9-3	0
A9	2.125	Mov_01	Min T	0	6993.903	A9-3	0.625
A9	2.125	Mov_01	Min T	0	6585.775	A9-4	0
A9	3.375	Mov_01	Min T	0	6776.2326	A9-4	1.25
A9	3.375	Mov_01	Min T	0	6157.0307	A9-5	0
A9	4.625	Mov_01	Min T	0	6301.6529	A9-5	1.25
A9	4.625	Mov_01	Min T	0	5821.431	A9-6	0
A9	5.875	Mov_01	Min T	0	5910.3398	A9-6	1.25
A9	5.875	Mov_01	Min T	0	5044.1063	A9-7	0
A9	6.5	Mov_01	Min T	0	5053.9589	A9-7	0.625
A9	6.5	Mov_01	Min T	0	5868.651	A9-8	0
A9	7.125	Mov_01	Min T	0	5847.6513	A9-8	0.625
A9	7.125	Mov_01	Min T	0	5106.3346	A9-9	0
A9	8.375	Mov_01	Min T	0	5066.624	A9-9	1.25
A9	8.375	Mov_01	Min T	0	4450.4237	A9-10	0
A9	9.625	Mov_01	Min T	0	4369.4039	A9-10	1.25
A9	9.625	Mov_01	Min T	0	3813.6989	A9-11	0
A9	10	Mov_01	Min T	0	3772.634	A9-11	0.375
A9	0	Mov_01	Max M2	0	0	A9-1	0
A9	0.875	Mov_01	Max M2	0	0	A9-1	0.875
A9	0.875	Mov_01	Max M2	0	0	A9-2	0
A9	1.5	Mov_01	Max M2	0	0	A9-2	0.625
A9	1.5	Mov_01	Max M2	0	0	A9-3	0

AUTOSTRADA VALDASTICO A31 NORD
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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		
A9	2.125	Mov_01	Max M2	0	0	A9-3	0.625
A9	2.125	Mov_01	Max M2	0	0	A9-4	0
A9	3.375	Mov_01	Max M2	0	0	A9-4	1.25
A9	3.375	Mov_01	Max M2	0	0	A9-5	0
A9	4.625	Mov_01	Max M2	0	0	A9-5	1.25
A9	4.625	Mov_01	Max M2	0	0	A9-6	0
A9	5.875	Mov_01	Max M2	0	0	A9-6	1.25
A9	5.875	Mov_01	Max M2	0	0	A9-7	0
A9	6.5	Mov_01	Max M2	0	0	A9-7	0.625
A9	6.5	Mov_01	Max M2	0	0	A9-8	0
A9	7.125	Mov_01	Max M2	0	0	A9-8	0.625
A9	7.125	Mov_01	Max M2	0	0	A9-9	0
A9	8.375	Mov_01	Max M2	0	0	A9-9	1.25
A9	8.375	Mov_01	Max M2	0	0	A9-10	0
A9	9.625	Mov_01	Max M2	0	0	A9-10	1.25
A9	9.625	Mov_01	Max M2	0	0	A9-11	0
A9	10	Mov_01	Max M2	0	0	A9-11	0.375
A9	0	Mov_01	Min M2	0	0	A9-1	0
A9	0.875	Mov_01	Min M2	0	0	A9-1	0.875
A9	0.875	Mov_01	Min M2	0	0	A9-2	0
A9	1.5	Mov_01	Min M2	0	0	A9-2	0.625
A9	1.5	Mov_01	Min M2	0	0	A9-3	0
A9	2.125	Mov_01	Min M2	0	0	A9-3	0.625
A9	2.125	Mov_01	Min M2	0	0	A9-4	0
A9	3.375	Mov_01	Min M2	0	0	A9-4	1.25
A9	3.375	Mov_01	Min M2	0	0	A9-5	0
A9	4.625	Mov_01	Min M2	0	0	A9-5	1.25
A9	4.625	Mov_01	Min M2	0	0	A9-6	0
A9	5.875	Mov_01	Min M2	0	0	A9-6	1.25
A9	5.875	Mov_01	Min M2	0	0	A9-7	0
A9	6.5	Mov_01	Min M2	0	0	A9-7	0.625
A9	6.5	Mov_01	Min M2	0	0	A9-8	0
A9	7.125	Mov_01	Min M2	0	0	A9-8	0.625
A9	7.125	Mov_01	Min M2	0	0	A9-9	0
A9	8.375	Mov_01	Min M2	0	0	A9-9	1.25
A9	8.375	Mov_01	Min M2	0	0	A9-10	0
A9	9.625	Mov_01	Min M2	0	0	A9-10	1.25
A9	9.625	Mov_01	Min M2	0	0	A9-11	0
A9	10	Mov_01	Min M2	0	0	A9-11	0.375
A9	0	Mov_01	Max M3	0	7805.1531	A9-1	0
A9	0.875	Mov_01	Max M3	0	7781.6743	A9-1	0.875
A9	0.875	Mov_01	Max M3	0	7800.5084	A9-2	0
A9	1.5	Mov_01	Max M3	0	7667.4237	A9-2	0.625
A9	1.5	Mov_01	Max M3	0	7667.4421	A9-3	0
A9	2.125	Mov_01	Max M3	0	7623.15	A9-3	0.625
A9	2.125	Mov_01	Max M3	0	7646.6961	A9-4	0
A9	3.375	Mov_01	Max M3	0	7387.9448	A9-4	1.25
A9	3.375	Mov_01	Max M3	0	7416.1758	A9-5	0
A9	4.625	Mov_01	Max M3	0	7078.8467	A9-5	1.25
A9	4.625	Mov_01	Max M3	0	7107.907	A9-6	0
A9	5.875	Mov_01	Max M3	0	6692.9644	A9-6	1.25
A9	5.875	Mov_01	Max M3	0	6718.8768	A9-7	0
A9	6.5	Mov_01	Max M3	0	6425.5641	A9-7	0.625

AUTOSTRADA VALDASTICO A31 NORD
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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		
A9	6.5	Mov_01	Max M3	0	6425.5951	A9-8	0
A9	7.125	Mov_01	Max M3	0	6225.2141	A9-8	0.625
A9	7.125	Mov_01	Max M3	0	6247.5774	A9-9	0
A9	8.375	Mov_01	Max M3	0	5675.3159	A9-9	1.25
A9	8.375	Mov_01	Max M3	0	5692.4285	A9-10	0
A9	9.625	Mov_01	Max M3	0	5044.5025	A9-10	1.25
A9	9.625	Mov_01	Max M3	0	5052.092	A9-11	0
A9	10	Mov_01	Max M3	0	4805.8444	A9-11	0.375
A9	0	Mov_01	Min M3	0	-1622.2396	A9-1	0
A9	0.875	Mov_01	Min M3	0	-1533.8005	A9-1	0.875
A9	0.875	Mov_01	Min M3	0	-1536.6106	A9-2	0
A9	1.5	Mov_01	Min M3	0	-1473.4405	A9-2	0.625
A9	1.5	Mov_01	Min M3	0	-1473.4468	A9-3	0
A9	2.125	Mov_01	Min M3	0	-1410.2774	A9-3	0.625
A9	2.125	Mov_01	Min M3	0	-1413.2354	A9-4	0
A9	3.375	Mov_01	Min M3	0	-1286.8981	A9-4	1.25
A9	3.375	Mov_01	Min M3	0	-1289.9903	A9-5	0
A9	4.625	Mov_01	Min M3	0	-1163.655	A9-5	1.25
A9	4.625	Mov_01	Min M3	0	-1166.8678	A9-6	0
A9	5.875	Mov_01	Min M3	0	-1040.5343	A9-6	1.25
A9	5.875	Mov_01	Min M3	0	-1043.8547	A9-7	0
A9	6.5	Mov_01	Min M3	0	-980.6884	A9-7	0.625
A9	6.5	Mov_01	Min M3	0	-980.6957	A9-8	0
A9	7.125	Mov_01	Min M3	0	-917.5302	A9-8	0.625
A9	7.125	Mov_01	Min M3	0	-920.9449	A9-9	0
A9	8.375	Mov_01	Min M3	0	-794.6148	A9-9	1.25
A9	8.375	Mov_01	Min M3	0	-798.111	A9-10	0
A9	9.625	Mov_01	Min M3	0	-671.7818	A9-10	1.25
A9	9.625	Mov_01	Min M3	0	-675.3468	A9-11	0
A9	10	Mov_01	Min M3	0	-637.4421	A9-11	0.375
A10	0	Mov_01	Max P	0	0	A10-1	0
A10	0.875	Mov_01	Max P	0	0	A10-1	0.875
A10	0.875	Mov_01	Max P	0	0	A10-2	0
A10	1.5	Mov_01	Max P	0	0	A10-2	0.625
A10	1.5	Mov_01	Max P	0	0	A10-3	0
A10	2.125	Mov_01	Max P	0	0	A10-3	0.625
A10	2.125	Mov_01	Max P	0	0	A10-4	0
A10	3.375	Mov_01	Max P	0	0	A10-4	1.25
A10	3.375	Mov_01	Max P	0	0	A10-5	0
A10	4.625	Mov_01	Max P	0	0	A10-5	1.25
A10	4.625	Mov_01	Max P	0	0	A10-6	0
A10	5.875	Mov_01	Max P	0	0	A10-6	1.25
A10	5.875	Mov_01	Max P	0	0	A10-7	0
A10	6.5	Mov_01	Max P	0	0	A10-7	0.625
A10	0	Mov_01	Min P	0	0	A10-1	0
A10	0.875	Mov_01	Min P	0	0	A10-1	0.875
A10	0.875	Mov_01	Min P	0	0	A10-2	0
A10	1.5	Mov_01	Min P	0	0	A10-2	0.625
A10	1.5	Mov_01	Min P	0	0	A10-3	0
A10	2.125	Mov_01	Min P	0	0	A10-3	0.625
A10	2.125	Mov_01	Min P	0	0	A10-4	0
A10	3.375	Mov_01	Min P	0	0	A10-4	1.25
A10	3.375	Mov_01	Min P	0	0	A10-5	0

AUTOSTRADA VALDASTICO A31 NORD
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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		
A10	4.625	Mov_01	Min P	0	0	A10-5	1.25
A10	4.625	Mov_01	Min P	0	0	A10-6	0
A10	5.875	Mov_01	Min P	0	0	A10-6	1.25
A10	5.875	Mov_01	Min P	0	0	A10-7	0
A10	6.5	Mov_01	Min P	0	0	A10-7	0.625
A10	0	Mov_01	Max V2	0	4478.6857	A10-1	0
A10	0.875	Mov_01	Max V2	0	3865.7247	A10-1	0.875
A10	0.875	Mov_01	Max V2	0	4130.4361	A10-2	0
A10	1.5	Mov_01	Max V2	0	3664.6328	A10-2	0.625
A10	1.5	Mov_01	Max V2	0	3664.2908	A10-3	0
A10	2.125	Mov_01	Max V2	0	3198.664	A10-3	0.625
A10	2.125	Mov_01	Max V2	0	3414.0881	A10-4	0
A10	3.375	Mov_01	Max V2	0	2425.2902	A10-4	1.25
A10	3.375	Mov_01	Max V2	0	2584.1774	A10-5	0
A10	4.625	Mov_01	Max V2	0	1536.3937	A10-5	1.25
A10	4.625	Mov_01	Max V2	0	1634.4892	A10-6	0
A10	5.875	Mov_01	Max V2	0	526.1315	A10-6	1.25
A10	5.875	Mov_01	Max V2	0	563.1776	A10-7	0
A10	6.5	Mov_01	Max V2	0	-21.1679	A10-7	0.625
A10	0	Mov_01	Min V2	0	2204.6655	A10-1	0
A10	0.875	Mov_01	Min V2	0	2334.4911	A10-1	0.875
A10	0.875	Mov_01	Min V2	0	1640.9937	A10-2	0
A10	1.5	Mov_01	Min V2	0	1717.4365	A10-2	0.625
A10	1.5	Mov_01	Min V2	0	1717.8175	A10-3	0
A10	2.125	Mov_01	Min V2	0	1794.4207	A10-3	0.625
A10	2.125	Mov_01	Min V2	0	-321.2055	A10-4	0
A10	3.375	Mov_01	Min V2	0	-190.1683	A10-4	1.25
A10	3.375	Mov_01	Min V2	0	-264.6231	A10-5	0
A10	4.625	Mov_01	Min V2	0	-136.4866	A10-5	1.25
A10	4.625	Mov_01	Min V2	0	-177.4175	A10-6	0
A10	5.875	Mov_01	Min V2	0	-50.7369	A10-6	1.25
A10	5.875	Mov_01	Min V2	0	-59.425	A10-7	0
A10	6.5	Mov_01	Min V2	0	3.8178	A10-7	0.625
A10	0	Mov_01	Max V3	0	0	A10-1	0
A10	0.875	Mov_01	Max V3	0	0	A10-1	0.875
A10	0.875	Mov_01	Max V3	0	0	A10-2	0
A10	1.5	Mov_01	Max V3	0	0	A10-2	0.625
A10	1.5	Mov_01	Max V3	0	0	A10-3	0
A10	2.125	Mov_01	Max V3	0	0	A10-3	0.625
A10	2.125	Mov_01	Max V3	0	0	A10-4	0
A10	3.375	Mov_01	Max V3	0	0	A10-4	1.25
A10	3.375	Mov_01	Max V3	0	0	A10-5	0
A10	4.625	Mov_01	Max V3	0	0	A10-5	1.25
A10	4.625	Mov_01	Max V3	0	0	A10-6	0
A10	5.875	Mov_01	Max V3	0	0	A10-6	1.25
A10	5.875	Mov_01	Max V3	0	0	A10-7	0
A10	6.5	Mov_01	Max V3	0	0	A10-7	0.625
A10	0	Mov_01	Min V3	0	0	A10-1	0
A10	0.875	Mov_01	Min V3	0	0	A10-1	0.875
A10	0.875	Mov_01	Min V3	0	0	A10-2	0
A10	1.5	Mov_01	Min V3	0	0	A10-2	0.625
A10	1.5	Mov_01	Min V3	0	0	A10-3	0
A10	2.125	Mov_01	Min V3	0	0	A10-3	0.625

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

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M2	M3	FrameElem	ElemStation m
				KN-m	KN-m		
A10	2.125	Mov_01	Min V3	0	0	A10-4	0
A10	3.375	Mov_01	Min V3	0	0	A10-4	1.25
A10	3.375	Mov_01	Min V3	0	0	A10-5	0
A10	4.625	Mov_01	Min V3	0	0	A10-5	1.25
A10	4.625	Mov_01	Min V3	0	0	A10-6	0
A10	5.875	Mov_01	Min V3	0	0	A10-6	1.25
A10	5.875	Mov_01	Min V3	0	0	A10-7	0
A10	6.5	Mov_01	Min V3	0	0	A10-7	0.625
A10	0	Mov_01	Max T	0	2911.0252	A10-1	0
A10	0.875	Mov_01	Max T	0	2523.6669	A10-1	0.875
A10	0.875	Mov_01	Max T	0	2713.9877	A10-2	0
A10	1.5	Mov_01	Max T	0	2440.392	A10-2	0.625
A10	1.5	Mov_01	Max T	0	122.6843	A10-3	0
A10	2.125	Mov_01	Max T	0	118.3864	A10-3	0.625
A10	2.125	Mov_01	Max T	0	2106.1821	A10-4	0
A10	3.375	Mov_01	Max T	0	1509.4852	A10-4	1.25
A10	3.375	Mov_01	Max T	0	1624.3087	A10-5	0
A10	4.625	Mov_01	Max T	0	981.0182	A10-5	1.25
A10	4.625	Mov_01	Max T	0	1027.5433	A10-6	0
A10	5.875	Mov_01	Max T	0	350.7333	A10-6	1.25
A10	5.875	Mov_01	Max T	0	360.3894	A10-7	0
A10	6.5	Mov_01	Max T	0	2.1328	A10-7	0.625
A10	0	Mov_01	Min T	0	3772.634	A10-1	0
A10	0.875	Mov_01	Min T	0	3676.8159	A10-1	0.875
A10	0.875	Mov_01	Min T	0	2611.0054	A10-2	0
A10	1.5	Mov_01	Min T	0	2322.9273	A10-2	0.625
A10	1.5	Mov_01	Min T	0	3363.1675	A10-3	0
A10	2.125	Mov_01	Min T	0	3218.7082	A10-3	0.625
A10	2.125	Mov_01	Min T	0	2405.7947	A10-4	0
A10	3.375	Mov_01	Min T	0	2135.6381	A10-4	1.25
A10	3.375	Mov_01	Min T	0	1485.744	A10-5	0
A10	4.625	Mov_01	Min T	0	1173.4403	A10-5	1.25
A10	4.625	Mov_01	Min T	0	685.2195	A10-6	0
A10	5.875	Mov_01	Min T	0	323.6883	A10-6	1.25
A10	5.875	Mov_01	Min T	0	302.2377	A10-7	0
A10	6.5	Mov_01	Min T	0	-60.0736	A10-7	0.625
A10	0	Mov_01	Max M2	0	0	A10-1	0
A10	0.875	Mov_01	Max M2	0	0	A10-1	0.875
A10	0.875	Mov_01	Max M2	0	0	A10-2	0
A10	1.5	Mov_01	Max M2	0	0	A10-2	0.625
A10	1.5	Mov_01	Max M2	0	0	A10-3	0
A10	2.125	Mov_01	Max M2	0	0	A10-3	0.625
A10	2.125	Mov_01	Max M2	0	0	A10-4	0
A10	3.375	Mov_01	Max M2	0	0	A10-4	1.25
A10	3.375	Mov_01	Max M2	0	0	A10-5	0
A10	4.625	Mov_01	Max M2	0	0	A10-5	1.25
A10	4.625	Mov_01	Max M2	0	0	A10-6	0
A10	5.875	Mov_01	Max M2	0	0	A10-6	1.25
A10	5.875	Mov_01	Max M2	0	0	A10-7	0
A10	6.5	Mov_01	Max M2	0	0	A10-7	0.625
A10	0	Mov_01	Min M2	0	0	A10-1	0
A10	0.875	Mov_01	Min M2	0	0	A10-1	0.875
A10	0.875	Mov_01	Min M2	0	0	A10-2	0

AUTOSTRADA VALDASTICO A31 NORD
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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		
A10	1.5	Mov_01	Min M2	0	0	A10-2	0.625
A10	1.5	Mov_01	Min M2	0	0	A10-3	0
A10	2.125	Mov_01	Min M2	0	0	A10-3	0.625
A10	2.125	Mov_01	Min M2	0	0	A10-4	0
A10	3.375	Mov_01	Min M2	0	0	A10-4	1.25
A10	3.375	Mov_01	Min M2	0	0	A10-5	0
A10	4.625	Mov_01	Min M2	0	0	A10-5	1.25
A10	4.625	Mov_01	Min M2	0	0	A10-6	0
A10	5.875	Mov_01	Min M2	0	0	A10-6	1.25
A10	5.875	Mov_01	Min M2	0	0	A10-7	0
A10	6.5	Mov_01	Min M2	0	0	A10-7	0.625
A10	0	Mov_01	Max M3	0	4805.8444	A10-1	0
A10	0.875	Mov_01	Max M3	0	4327.8177	A10-1	0.875
A10	0.875	Mov_01	Max M3	0	4330.8663	A10-2	0
A10	1.5	Mov_01	Max M3	0	3884.2747	A10-2	0.625
A10	1.5	Mov_01	Max M3	0	3884.3128	A10-3	0
A10	2.125	Mov_01	Max M3	0	3525.9528	A10-3	0.625
A10	2.125	Mov_01	Max M3	0	3522.8348	A10-4	0
A10	3.375	Mov_01	Max M3	0	2637.5906	A10-4	1.25
A10	3.375	Mov_01	Max M3	0	2626.8991	A10-5	0
A10	4.625	Mov_01	Max M3	0	1660.6185	A10-5	1.25
A10	4.625	Mov_01	Max M3	0	1641.8362	A10-6	0
A10	5.875	Mov_01	Max M3	0	593.8762	A10-6	1.25
A10	5.875	Mov_01	Max M3	0	565.4739	A10-7	0
A10	6.5	Mov_01	Max M3	0	20.5372	A10-7	0.625
A10	0	Mov_01	Min M3	0	-637.4421	A10-1	0
A10	0.875	Mov_01	Min M3	0	-548.999	A10-1	0.875
A10	0.875	Mov_01	Min M3	0	-552.6337	A10-2	0
A10	1.5	Mov_01	Min M3	0	-489.4577	A10-2	0.625
A10	1.5	Mov_01	Min M3	0	-489.4656	A10-3	0
A10	2.125	Mov_01	Min M3	0	-426.2911	A10-3	0.625
A10	2.125	Mov_01	Min M3	0	-429.985	A10-4	0
A10	3.375	Mov_01	Min M3	0	-303.6366	A10-4	1.25
A10	3.375	Mov_01	Min M3	0	-307.372	A10-5	0
A10	4.625	Mov_01	Min M3	0	-222.1065	A10-5	1.25
A10	4.625	Mov_01	Min M3	0	-222.7481	A10-6	0
A10	5.875	Mov_01	Min M3	0	-164.224	A10-6	1.25
A10	5.875	Mov_01	Min M3	0	-166.6125	A10-7	0
A10	6.5	Mov_01	Min M3	0	-164.2332	A10-7	0.625
A11	0	Mov_01	Max P	0	0	A11-1	0
A11	0.5	Mov_01	Max P	0	0	A11-1	0.5
A11	0	Mov_01	Min P	0	0	A11-1	0
A11	0.5	Mov_01	Min P	0	0	A11-1	0.5
A11	0	Mov_01	Max V2	0	12.5933	A11-1	0
A11	0.5	Mov_01	Max V2	0	12.5684	A11-1	0.5
A11	0	Mov_01	Min V2	0	-157.598	A11-1	0
A11	0.5	Mov_01	Min V2	0	-12.4491	A11-1	0.5
A11	0	Mov_01	Max V3	0	0	A11-1	0
A11	0.5	Mov_01	Max V3	0	0	A11-1	0.5
A11	0	Mov_01	Min V3	0	0	A11-1	0
A11	0.5	Mov_01	Min V3	0	0	A11-1	0.5
A11	0	Mov_01	Max T	0	15.8255	A11-1	0
A11	0.5	Mov_01	Max T	0	15.8259	A11-1	0.5

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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
A11	0	Mov_01	Min T	0	-163.1572	A11-1	0
A11	0.5	Mov_01	Min T	0	-18.0442	A11-1	0.5
A11	0	Mov_01	Max M2	0	0	A11-1	0
A11	0.5	Mov_01	Max M2	0	0	A11-1	0.5
A11	0	Mov_01	Min M2	0	0	A11-1	0
A11	0.5	Mov_01	Min M2	0	0	A11-1	0.5
A11	0	Mov_01	Max M3	0	20.4929	A11-1	0
A11	0.5	Mov_01	Max M3	0	55.9092	A11-1	0.5
A11	0	Mov_01	Min M3	0	-164.1867	A11-1	0
A11	0.5	Mov_01	Min M3	0	-40.077	A11-1	0.5

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
252	Q5-FOLLA	GLOBAL	Gravity	5
253	Q5-FOLLA	GLOBAL	Gravity	5
397	Q5-FOLLA	GLOBAL	Gravity	5
398	Q5-FOLLA	GLOBAL	Gravity	5
539	Q5-FOLLA	GLOBAL	Gravity	5
540	Q5-FOLLA	GLOBAL	Gravity	5
737	Q5-FOLLA	GLOBAL	Gravity	5
738	Q5-FOLLA	GLOBAL	Gravity	5
1042	_Q1k-A	GLOBAL	Gravity	100
1042	_Q1k-B	GLOBAL	Gravity	150
1042	G2-PAVIM	GLOBAL	Gravity	3
1042	q1k-A	GLOBAL	Gravity	2,5
1042	q1k-B	GLOBAL	Gravity	9
1043	_Q1k-A	GLOBAL	Gravity	100
1043	_Q1k-B	GLOBAL	Gravity	150
1043	G2-PAVIM	GLOBAL	Gravity	3
1043	q1k-A	GLOBAL	Gravity	2,5
1043	q1k-B	GLOBAL	Gravity	9
1062	_Q1k-A	GLOBAL	Gravity	100
1062	_Q1k-B	GLOBAL	Gravity	150
1062	G2-PAVIM	GLOBAL	Gravity	3
1062	q1k-A	GLOBAL	Gravity	2,5
1062	q1k-B	GLOBAL	Gravity	9
1063	_Q1k-A	GLOBAL	Gravity	100
1063	_Q1k-B	GLOBAL	Gravity	150
1063	G2-PAVIM	GLOBAL	Gravity	3

AUTOSTRADA VALDASTICO A31 NORD
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Table: Area Loads - Uniform

Area	LoadPat	CoordSys	Dir	UnifLoad KN/m2
1063	q1k-A	GLOBAL	Gravity	2,5
1063	q1k-B	GLOBAL	Gravity	9
1082	_Q1k-A	GLOBAL	Gravity	100
1082	_Q1k-B	GLOBAL	Gravity	150
1082	G2-PAVIM	GLOBAL	Gravity	3
1082	q1k-A	GLOBAL	Gravity	2,5
1082	q1k-B	GLOBAL	Gravity	9
1083	_Q1k-A	GLOBAL	Gravity	100
1083	_Q1k-B	GLOBAL	Gravity	150
1083	G2-PAVIM	GLOBAL	Gravity	3
1083	q1k-A	GLOBAL	Gravity	2,5
1083	q1k-B	GLOBAL	Gravity	9
1102	G2-PAVIM	GLOBAL	Gravity	3
1102	q1k-A	GLOBAL	Gravity	2,5
1102	q1k-B	GLOBAL	Gravity	9
1103	G2-PAVIM	GLOBAL	Gravity	3
1103	q1k-A	GLOBAL	Gravity	2,5
1103	q1k-B	GLOBAL	Gravity	9
1122	_Q1k-C	GLOBAL	Gravity	150
1122	G2-PAVIM	GLOBAL	Gravity	3
1122	q1k-A	GLOBAL	Gravity	2,5
1122	q1k-B	GLOBAL	Gravity	9
1122	q1k-C	GLOBAL	Gravity	9
1123	_Q1k-C	GLOBAL	Gravity	150
1123	G2-PAVIM	GLOBAL	Gravity	3
1123	q1k-A	GLOBAL	Gravity	2,5
1123	q1k-B	GLOBAL	Gravity	9
1123	q1k-C	GLOBAL	Gravity	9
1142	_Q1k-A	GLOBAL	Gravity	100
1142	_Q1k-B	GLOBAL	Gravity	150
1142	_Q1k-C	GLOBAL	Gravity	150
1142	G2-PAVIM	GLOBAL	Gravity	3
1142	q1k-A	GLOBAL	Gravity	2,5
1142	q1k-B	GLOBAL	Gravity	9
1142	q1k-C	GLOBAL	Gravity	9
1143	_Q1k-A	GLOBAL	Gravity	100
1143	_Q1k-B	GLOBAL	Gravity	150
1143	_Q1k-C	GLOBAL	Gravity	150
1143	G2-PAVIM	GLOBAL	Gravity	3
1143	q1k-A	GLOBAL	Gravity	2,5
1143	q1k-B	GLOBAL	Gravity	9
1143	q1k-C	GLOBAL	Gravity	9
1182	_Q1k-A	GLOBAL	Gravity	150
1182	_Q1k-B	GLOBAL	Gravity	100
1182	_Q1k-D	GLOBAL	Gravity	150
1182	G2-PAVIM	GLOBAL	Gravity	3
1182	q1k-A	GLOBAL	Gravity	9
1182	q1k-B	GLOBAL	Gravity	2,5
1182	q1k-C	GLOBAL	Gravity	9
1182	q1k-D	GLOBAL	Gravity	9
1183	_Q1k-A	GLOBAL	Gravity	150
1183	_Q1k-B	GLOBAL	Gravity	100
1183	_Q1k-D	GLOBAL	Gravity	150

AUTOSTRADA VALDASTICO A31 NORD
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Table: Area Loads - Uniform

Area	LoadPat	CoordSys	Dir	UnifLoad KN/m2
1183	G2-PAVIM	GLOBAL	Gravity	3
1183	q1k-A	GLOBAL	Gravity	9
1183	q1k-B	GLOBAL	Gravity	2,5
1183	q1k-C	GLOBAL	Gravity	9
1183	q1k-D	GLOBAL	Gravity	9
1222	_Q1k-C	GLOBAL	Gravity	150
1222	G2-PAVIM	GLOBAL	Gravity	3
1222	q1k-A	GLOBAL	Gravity	9
1222	q1k-B	GLOBAL	Gravity	2,5
1222	q1k-C	GLOBAL	Gravity	9
1222	q1k-D	GLOBAL	Gravity	9
1223	_Q1k-C	GLOBAL	Gravity	150
1223	G2-PAVIM	GLOBAL	Gravity	3
1223	q1k-A	GLOBAL	Gravity	9
1223	q1k-B	GLOBAL	Gravity	2,5
1223	q1k-C	GLOBAL	Gravity	9
1223	q1k-D	GLOBAL	Gravity	9
1262	_Q1k-A	GLOBAL	Gravity	150
1262	_Q1k-B	GLOBAL	Gravity	100
1262	_Q1k-D	GLOBAL	Gravity	150
1262	G2-PAVIM	GLOBAL	Gravity	3
1262	q1k-A	GLOBAL	Gravity	9
1262	q1k-B	GLOBAL	Gravity	2,5
1262	q1k-D	GLOBAL	Gravity	9
1263	_Q1k-A	GLOBAL	Gravity	150
1263	_Q1k-B	GLOBAL	Gravity	100
1263	_Q1k-D	GLOBAL	Gravity	150
1263	G2-PAVIM	GLOBAL	Gravity	3
1263	q1k-A	GLOBAL	Gravity	9
1263	q1k-B	GLOBAL	Gravity	2,5
1263	q1k-D	GLOBAL	Gravity	9
1282	_Q1k-A	GLOBAL	Gravity	150
1282	_Q1k-B	GLOBAL	Gravity	100
1282	_Q1k-D	GLOBAL	Gravity	150
1282	G2-PAVIM	GLOBAL	Gravity	3
1282	q1k-A	GLOBAL	Gravity	9
1282	q1k-B	GLOBAL	Gravity	2,5
1282	q1k-D	GLOBAL	Gravity	9
1283	_Q1k-A	GLOBAL	Gravity	150
1283	_Q1k-B	GLOBAL	Gravity	100
1283	_Q1k-D	GLOBAL	Gravity	150
1283	G2-PAVIM	GLOBAL	Gravity	3
1283	q1k-A	GLOBAL	Gravity	9
1283	q1k-B	GLOBAL	Gravity	2,5
1283	q1k-D	GLOBAL	Gravity	9
1302	_Q1k-A	GLOBAL	Gravity	150
1302	_Q1k-B	GLOBAL	Gravity	100
1302	G2-PAVIM	GLOBAL	Gravity	3
1302	q1k-A	GLOBAL	Gravity	9
1302	q1k-B	GLOBAL	Gravity	2,5
1303	_Q1k-A	GLOBAL	Gravity	150
1303	_Q1k-B	GLOBAL	Gravity	100
1303	G2-PAVIM	GLOBAL	Gravity	3

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Table: Area Loads - Uniform

Area	LoadPat	CoordSys	Dir	UnifLoad KN/m2
1303	q1k-A	GLOBAL	Gravity	9
1303	q1k-B	GLOBAL	Gravity	2,5
1316	Q5-FOLLA	GLOBAL	Gravity	5
1317	Q5-FOLLA	GLOBAL	Gravity	5
1318	Q5-FOLLA	GLOBAL	Gravity	5
1319	Q5-FOLLA	GLOBAL	Gravity	5
1324	Q5-FOLLA	GLOBAL	Gravity	5
1325	Q5-FOLLA	GLOBAL	Gravity	5
1326	Q5-FOLLA	GLOBAL	Gravity	5
1327	Q5-FOLLA	GLOBAL	Gravity	5
1330	G2-PAVIM	GLOBAL	Gravity	3
1330	q1k-A	GLOBAL	Gravity	2,5
1330	q1k-B	GLOBAL	Gravity	9
1331	_Q1k-A	GLOBAL	Gravity	100
1331	_Q1k-B	GLOBAL	Gravity	150
1331	G2-PAVIM	GLOBAL	Gravity	3
1331	q1k-A	GLOBAL	Gravity	2,5
1331	q1k-B	GLOBAL	Gravity	9
1332	G2-PAVIM	GLOBAL	Gravity	3
1332	q1k-A	GLOBAL	Gravity	2,5
1332	q1k-B	GLOBAL	Gravity	9
1333	_Q1k-A	GLOBAL	Gravity	100
1333	_Q1k-B	GLOBAL	Gravity	150
1333	G2-PAVIM	GLOBAL	Gravity	3
1333	q1k-A	GLOBAL	Gravity	2,5
1333	q1k-B	GLOBAL	Gravity	9
1334	G2-PAVIM	GLOBAL	Gravity	3
1334	q1k-A	GLOBAL	Gravity	2,5
1334	q1k-B	GLOBAL	Gravity	9
1335	_Q1k-A	GLOBAL	Gravity	100
1335	_Q1k-B	GLOBAL	Gravity	150
1335	G2-PAVIM	GLOBAL	Gravity	3
1335	q1k-A	GLOBAL	Gravity	2,5
1335	q1k-B	GLOBAL	Gravity	9
1336	G2-PAVIM	GLOBAL	Gravity	3
1336	q1k-A	GLOBAL	Gravity	2,5
1336	q1k-B	GLOBAL	Gravity	9
1337	G2-PAVIM	GLOBAL	Gravity	3
1337	q1k-A	GLOBAL	Gravity	2,5
1337	q1k-B	GLOBAL	Gravity	9
1338	G2-PAVIM	GLOBAL	Gravity	3
1338	q1k-A	GLOBAL	Gravity	2,5
1338	q1k-B	GLOBAL	Gravity	9
1338	q1k-C	GLOBAL	Gravity	9
1339	_Q1k-C	GLOBAL	Gravity	150
1339	G2-PAVIM	GLOBAL	Gravity	3
1339	q1k-A	GLOBAL	Gravity	2,5
1339	q1k-B	GLOBAL	Gravity	9
1339	q1k-C	GLOBAL	Gravity	9
1340	G2-PAVIM	GLOBAL	Gravity	3
1340	q1k-A	GLOBAL	Gravity	2,5
1340	q1k-B	GLOBAL	Gravity	9
1340	q1k-C	GLOBAL	Gravity	9

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1° LOTTO – Piovene Rocchette – Valle dell’Astico

Table: Area Loads - Uniform

Area	LoadPat	CoordSys	Dir	UnifLoad KN/m2
1341	_Q1k-A	GLOBAL	Gravity	100
1341	_Q1k-B	GLOBAL	Gravity	150
1341	_Q1k-C	GLOBAL	Gravity	150
1341	G2-PAVIM	GLOBAL	Gravity	3
1341	q1k-A	GLOBAL	Gravity	2,5
1341	q1k-B	GLOBAL	Gravity	9
1341	q1k-C	GLOBAL	Gravity	9
1344	G2-PAVIM	GLOBAL	Gravity	3
1344	q1k-A	GLOBAL	Gravity	9
1344	q1k-B	GLOBAL	Gravity	2,5
1344	q1k-C	GLOBAL	Gravity	9
1344	q1k-D	GLOBAL	Gravity	9
1345	_Q1k-A	GLOBAL	Gravity	150
1345	_Q1k-B	GLOBAL	Gravity	100
1345	_Q1k-D	GLOBAL	Gravity	150
1345	G2-PAVIM	GLOBAL	Gravity	3
1345	q1k-A	GLOBAL	Gravity	9
1345	q1k-B	GLOBAL	Gravity	2,5
1345	q1k-C	GLOBAL	Gravity	9
1345	q1k-D	GLOBAL	Gravity	9
1348	G2-PAVIM	GLOBAL	Gravity	3
1348	q1k-A	GLOBAL	Gravity	9
1348	q1k-B	GLOBAL	Gravity	2,5
1348	q1k-C	GLOBAL	Gravity	9
1348	q1k-D	GLOBAL	Gravity	9
1349	_Q1k-C	GLOBAL	Gravity	150
1349	G2-PAVIM	GLOBAL	Gravity	3
1349	q1k-A	GLOBAL	Gravity	9
1349	q1k-B	GLOBAL	Gravity	2,5
1349	q1k-C	GLOBAL	Gravity	9
1349	q1k-D	GLOBAL	Gravity	9
1352	G2-PAVIM	GLOBAL	Gravity	3
1352	q1k-A	GLOBAL	Gravity	9
1352	q1k-B	GLOBAL	Gravity	2,5
1352	q1k-D	GLOBAL	Gravity	9
1353	_Q1k-A	GLOBAL	Gravity	150
1353	_Q1k-B	GLOBAL	Gravity	100
1353	_Q1k-D	GLOBAL	Gravity	150
1353	G2-PAVIM	GLOBAL	Gravity	3
1353	q1k-A	GLOBAL	Gravity	9
1353	q1k-B	GLOBAL	Gravity	2,5
1353	q1k-D	GLOBAL	Gravity	9
1354	G2-PAVIM	GLOBAL	Gravity	3
1354	q1k-A	GLOBAL	Gravity	9
1354	q1k-B	GLOBAL	Gravity	2,5
1354	q1k-D	GLOBAL	Gravity	9
1355	_Q1k-A	GLOBAL	Gravity	150
1355	_Q1k-B	GLOBAL	Gravity	100
1355	_Q1k-D	GLOBAL	Gravity	150
1355	G2-PAVIM	GLOBAL	Gravity	3
1355	q1k-A	GLOBAL	Gravity	9
1355	q1k-B	GLOBAL	Gravity	2,5
1355	q1k-D	GLOBAL	Gravity	9

AUTOSTRADA VALDASTICO A31 NORD
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Table: Area Loads - Uniform

Area	LoadPat	CoordSys	Dir	UnifLoad KN/m2
1356	G2-PAVIM	GLOBAL	Gravity	3
1356	q1k-A	GLOBAL	Gravity	9
1356	q1k-B	GLOBAL	Gravity	2,5
1357	_Q1k-A	GLOBAL	Gravity	150
1357	_Q1k-B	GLOBAL	Gravity	100
1357	G2-PAVIM	GLOBAL	Gravity	3
1357	q1k-A	GLOBAL	Gravity	9
1357	q1k-B	GLOBAL	Gravity	2,5
1362	Q5-FOLLA	GLOBAL	Gravity	5
1363	Q5-FOLLA	GLOBAL	Gravity	5
1364	Q5-FOLLA	GLOBAL	Gravity	5
1365	Q5-FOLLA	GLOBAL	Gravity	5
1366	Q5-FOLLA	GLOBAL	Gravity	5
1367	Q5-FOLLA	GLOBAL	Gravity	5
1368	Q5-FOLLA	GLOBAL	Gravity	5
1369	Q5-FOLLA	GLOBAL	Gravity	5
1378	Q5-FOLLA	GLOBAL	Gravity	5
1379	Q5-FOLLA	GLOBAL	Gravity	5
1380	Q5-FOLLA	GLOBAL	Gravity	5
1381	Q5-FOLLA	GLOBAL	Gravity	5
1382	Q5-FOLLA	GLOBAL	Gravity	5
1383	Q5-FOLLA	GLOBAL	Gravity	5
1384	Q5-FOLLA	GLOBAL	Gravity	5
1385	Q5-FOLLA	GLOBAL	Gravity	5
1390	_Q1k-A	GLOBAL	Gravity	100
1390	_Q1k-B	GLOBAL	Gravity	150
1390	G2-PAVIM	GLOBAL	Gravity	3
1390	q1k-A	GLOBAL	Gravity	2,5
1390	q1k-B	GLOBAL	Gravity	9
1391	_Q1k-A	GLOBAL	Gravity	100
1391	_Q1k-B	GLOBAL	Gravity	150
1391	G2-PAVIM	GLOBAL	Gravity	3
1391	q1k-A	GLOBAL	Gravity	2,5
1391	q1k-B	GLOBAL	Gravity	9
1392	_Q1k-A	GLOBAL	Gravity	100
1392	_Q1k-B	GLOBAL	Gravity	150
1392	G2-PAVIM	GLOBAL	Gravity	3
1392	q1k-A	GLOBAL	Gravity	2,5
1392	q1k-B	GLOBAL	Gravity	9
1393	G2-PAVIM	GLOBAL	Gravity	3
1393	q1k-A	GLOBAL	Gravity	2,5
1393	q1k-B	GLOBAL	Gravity	9
1394	_Q1k-A	GLOBAL	Gravity	100
1394	_Q1k-B	GLOBAL	Gravity	150
1394	G2-PAVIM	GLOBAL	Gravity	3
1394	q1k-A	GLOBAL	Gravity	2,5
1394	q1k-B	GLOBAL	Gravity	9
1395	_Q1k-A	GLOBAL	Gravity	100
1395	_Q1k-B	GLOBAL	Gravity	150
1395	G2-PAVIM	GLOBAL	Gravity	3
1395	q1k-A	GLOBAL	Gravity	2,5
1395	q1k-B	GLOBAL	Gravity	9
1396	_Q1k-A	GLOBAL	Gravity	100

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Table: Area Loads - Uniform

Area	LoadPat	CoordSys	Dir	UnifLoad KN/m2
1396	_Q1k-B	GLOBAL	Gravity	150
1396	G2-PAVIM	GLOBAL	Gravity	3
1396	q1k-A	GLOBAL	Gravity	2,5
1396	q1k-B	GLOBAL	Gravity	9
1397	G2-PAVIM	GLOBAL	Gravity	3
1397	q1k-A	GLOBAL	Gravity	2,5
1397	q1k-B	GLOBAL	Gravity	9
1398	_Q1k-A	GLOBAL	Gravity	100
1398	_Q1k-B	GLOBAL	Gravity	150
1398	G2-PAVIM	GLOBAL	Gravity	3
1398	q1k-A	GLOBAL	Gravity	2,5
1398	q1k-B	GLOBAL	Gravity	9
1399	_Q1k-A	GLOBAL	Gravity	100
1399	_Q1k-B	GLOBAL	Gravity	150
1399	G2-PAVIM	GLOBAL	Gravity	3
1399	q1k-A	GLOBAL	Gravity	2,5
1399	q1k-B	GLOBAL	Gravity	9
1400	_Q1k-A	GLOBAL	Gravity	100
1400	_Q1k-B	GLOBAL	Gravity	150
1400	G2-PAVIM	GLOBAL	Gravity	3
1400	q1k-A	GLOBAL	Gravity	2,5
1400	q1k-B	GLOBAL	Gravity	9
1401	G2-PAVIM	GLOBAL	Gravity	3
1401	q1k-A	GLOBAL	Gravity	2,5
1401	q1k-B	GLOBAL	Gravity	9
1402	G2-PAVIM	GLOBAL	Gravity	3
1402	q1k-A	GLOBAL	Gravity	2,5
1402	q1k-B	GLOBAL	Gravity	9
1403	G2-PAVIM	GLOBAL	Gravity	3
1403	q1k-A	GLOBAL	Gravity	2,5
1403	q1k-B	GLOBAL	Gravity	9
1404	G2-PAVIM	GLOBAL	Gravity	3
1404	q1k-A	GLOBAL	Gravity	2,5
1404	q1k-B	GLOBAL	Gravity	9
1405	G2-PAVIM	GLOBAL	Gravity	3
1405	q1k-A	GLOBAL	Gravity	2,5
1405	q1k-B	GLOBAL	Gravity	9
1406	_Q1k-C	GLOBAL	Gravity	150
1406	G2-PAVIM	GLOBAL	Gravity	3
1406	q1k-A	GLOBAL	Gravity	2,5
1406	q1k-B	GLOBAL	Gravity	9
1406	q1k-C	GLOBAL	Gravity	9
1407	_Q1k-C	GLOBAL	Gravity	150
1407	G2-PAVIM	GLOBAL	Gravity	3
1407	q1k-A	GLOBAL	Gravity	2,5
1407	q1k-B	GLOBAL	Gravity	9
1407	q1k-C	GLOBAL	Gravity	9
1408	_Q1k-C	GLOBAL	Gravity	150
1408	G2-PAVIM	GLOBAL	Gravity	3
1408	q1k-A	GLOBAL	Gravity	2,5
1408	q1k-B	GLOBAL	Gravity	9
1408	q1k-C	GLOBAL	Gravity	9
1409	G2-PAVIM	GLOBAL	Gravity	3

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Table: Area Loads - Uniform

Area	LoadPat	CoordSys	Dir	UnifLoad KN/m2
1409	q1k-A	GLOBAL	Gravity	2,5
1409	q1k-B	GLOBAL	Gravity	9
1409	q1k-C	GLOBAL	Gravity	9
1410	_Q1k-A	GLOBAL	Gravity	100
1410	_Q1k-B	GLOBAL	Gravity	150
1410	_Q1k-C	GLOBAL	Gravity	150
1410	G2-PAVIM	GLOBAL	Gravity	3
1410	q1k-A	GLOBAL	Gravity	2,5
1410	q1k-B	GLOBAL	Gravity	9
1410	q1k-C	GLOBAL	Gravity	9
1411	_Q1k-A	GLOBAL	Gravity	100
1411	_Q1k-B	GLOBAL	Gravity	150
1411	_Q1k-C	GLOBAL	Gravity	150
1411	G2-PAVIM	GLOBAL	Gravity	3
1411	q1k-A	GLOBAL	Gravity	2,5
1411	q1k-B	GLOBAL	Gravity	9
1411	q1k-C	GLOBAL	Gravity	9
1412	_Q1k-A	GLOBAL	Gravity	100
1412	_Q1k-B	GLOBAL	Gravity	150
1412	_Q1k-C	GLOBAL	Gravity	150
1412	G2-PAVIM	GLOBAL	Gravity	3
1412	q1k-A	GLOBAL	Gravity	2,5
1412	q1k-B	GLOBAL	Gravity	9
1412	q1k-C	GLOBAL	Gravity	9
1413	G2-PAVIM	GLOBAL	Gravity	3
1413	q1k-A	GLOBAL	Gravity	2,5
1413	q1k-B	GLOBAL	Gravity	9
1413	q1k-C	GLOBAL	Gravity	9
1418	_Q1k-A	GLOBAL	Gravity	150
1418	_Q1k-B	GLOBAL	Gravity	100
1418	_Q1k-D	GLOBAL	Gravity	150
1418	G2-PAVIM	GLOBAL	Gravity	3
1418	q1k-A	GLOBAL	Gravity	9
1418	q1k-B	GLOBAL	Gravity	2,5
1418	q1k-C	GLOBAL	Gravity	9
1418	q1k-D	GLOBAL	Gravity	9
1419	_Q1k-A	GLOBAL	Gravity	150
1419	_Q1k-B	GLOBAL	Gravity	100
1419	_Q1k-D	GLOBAL	Gravity	150
1419	G2-PAVIM	GLOBAL	Gravity	3
1419	q1k-A	GLOBAL	Gravity	9
1419	q1k-B	GLOBAL	Gravity	2,5
1419	q1k-C	GLOBAL	Gravity	9
1419	q1k-D	GLOBAL	Gravity	9
1420	_Q1k-A	GLOBAL	Gravity	150
1420	_Q1k-B	GLOBAL	Gravity	100
1420	_Q1k-D	GLOBAL	Gravity	150
1420	G2-PAVIM	GLOBAL	Gravity	3
1420	q1k-A	GLOBAL	Gravity	9
1420	q1k-B	GLOBAL	Gravity	2,5
1420	q1k-C	GLOBAL	Gravity	9
1420	q1k-D	GLOBAL	Gravity	9
1421	G2-PAVIM	GLOBAL	Gravity	3

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Table: Area Loads - Uniform

Area	LoadPat	CoordSys	Dir	UnifLoad KN/m2
1421	q1k-A	GLOBAL	Gravity	9
1421	q1k-B	GLOBAL	Gravity	2,5
1421	q1k-C	GLOBAL	Gravity	9
1421	q1k-D	GLOBAL	Gravity	9
1426	_Q1k-C	GLOBAL	Gravity	150
1426	G2-PAVIM	GLOBAL	Gravity	3
1426	q1k-A	GLOBAL	Gravity	9
1426	q1k-B	GLOBAL	Gravity	2,5
1426	q1k-C	GLOBAL	Gravity	9
1426	q1k-D	GLOBAL	Gravity	9
1427	_Q1k-C	GLOBAL	Gravity	150
1427	G2-PAVIM	GLOBAL	Gravity	3
1427	q1k-A	GLOBAL	Gravity	9
1427	q1k-B	GLOBAL	Gravity	2,5
1427	q1k-C	GLOBAL	Gravity	9
1427	q1k-D	GLOBAL	Gravity	9
1428	_Q1k-C	GLOBAL	Gravity	150
1428	G2-PAVIM	GLOBAL	Gravity	3
1428	q1k-A	GLOBAL	Gravity	9
1428	q1k-B	GLOBAL	Gravity	2,5
1428	q1k-C	GLOBAL	Gravity	9
1428	q1k-D	GLOBAL	Gravity	9
1429	G2-PAVIM	GLOBAL	Gravity	3
1429	q1k-A	GLOBAL	Gravity	9
1429	q1k-B	GLOBAL	Gravity	2,5
1429	q1k-C	GLOBAL	Gravity	9
1429	q1k-D	GLOBAL	Gravity	9
1434	_Q1k-A	GLOBAL	Gravity	150
1434	_Q1k-B	GLOBAL	Gravity	100
1434	_Q1k-D	GLOBAL	Gravity	150
1434	G2-PAVIM	GLOBAL	Gravity	3
1434	q1k-A	GLOBAL	Gravity	9
1434	q1k-B	GLOBAL	Gravity	2,5
1434	q1k-D	GLOBAL	Gravity	9
1435	_Q1k-A	GLOBAL	Gravity	150
1435	_Q1k-B	GLOBAL	Gravity	100
1435	_Q1k-D	GLOBAL	Gravity	150
1435	G2-PAVIM	GLOBAL	Gravity	3
1435	q1k-A	GLOBAL	Gravity	9
1435	q1k-B	GLOBAL	Gravity	2,5
1435	q1k-D	GLOBAL	Gravity	9
1436	_Q1k-A	GLOBAL	Gravity	150
1436	_Q1k-B	GLOBAL	Gravity	100
1436	_Q1k-D	GLOBAL	Gravity	150
1436	G2-PAVIM	GLOBAL	Gravity	3
1436	q1k-A	GLOBAL	Gravity	9
1436	q1k-B	GLOBAL	Gravity	2,5
1436	q1k-D	GLOBAL	Gravity	9
1437	G2-PAVIM	GLOBAL	Gravity	3
1437	q1k-A	GLOBAL	Gravity	9
1437	q1k-B	GLOBAL	Gravity	2,5
1437	q1k-D	GLOBAL	Gravity	9
1438	_Q1k-A	GLOBAL	Gravity	150

AUTOSTRADA VALDASTICO A31 NORD
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Table: Area Loads - Uniform

Area	LoadPat	CoordSys	Dir	UnifLoad KN/m2
1438	_Q1k-B	GLOBAL	Gravity	100
1438	_Q1k-D	GLOBAL	Gravity	150
1438	G2-PAVIM	GLOBAL	Gravity	3
1438	q1k-A	GLOBAL	Gravity	9
1438	q1k-B	GLOBAL	Gravity	2,5
1438	q1k-D	GLOBAL	Gravity	9
1439	_Q1k-A	GLOBAL	Gravity	150
1439	_Q1k-B	GLOBAL	Gravity	100
1439	_Q1k-D	GLOBAL	Gravity	150
1439	G2-PAVIM	GLOBAL	Gravity	3
1439	q1k-A	GLOBAL	Gravity	9
1439	q1k-B	GLOBAL	Gravity	2,5
1439	q1k-D	GLOBAL	Gravity	9
1440	_Q1k-A	GLOBAL	Gravity	150
1440	_Q1k-B	GLOBAL	Gravity	100
1440	_Q1k-D	GLOBAL	Gravity	150
1440	G2-PAVIM	GLOBAL	Gravity	3
1440	q1k-A	GLOBAL	Gravity	9
1440	q1k-B	GLOBAL	Gravity	2,5
1440	q1k-D	GLOBAL	Gravity	9
1441	G2-PAVIM	GLOBAL	Gravity	3
1441	q1k-A	GLOBAL	Gravity	9
1441	q1k-B	GLOBAL	Gravity	2,5
1441	q1k-D	GLOBAL	Gravity	9
1442	_Q1k-A	GLOBAL	Gravity	150
1442	_Q1k-B	GLOBAL	Gravity	100
1442	G2-PAVIM	GLOBAL	Gravity	3
1442	q1k-A	GLOBAL	Gravity	9
1442	q1k-B	GLOBAL	Gravity	2,5
1443	_Q1k-A	GLOBAL	Gravity	150
1443	_Q1k-B	GLOBAL	Gravity	100
1443	G2-PAVIM	GLOBAL	Gravity	3
1443	q1k-A	GLOBAL	Gravity	9
1443	q1k-B	GLOBAL	Gravity	2,5
1444	_Q1k-A	GLOBAL	Gravity	150
1444	_Q1k-B	GLOBAL	Gravity	100
1444	G2-PAVIM	GLOBAL	Gravity	3
1444	q1k-A	GLOBAL	Gravity	9
1444	q1k-B	GLOBAL	Gravity	2,5
1445	G2-PAVIM	GLOBAL	Gravity	3
1445	q1k-A	GLOBAL	Gravity	9
1445	q1k-B	GLOBAL	Gravity	2,5
1556	G2-PAVIM	GLOBAL	Gravity	3
1556	q1k-A	GLOBAL	Gravity	9
1556	q1k-B	GLOBAL	Gravity	2,5
1556	q1k-D	GLOBAL	Gravity	9
1557	_Q1k-D	GLOBAL	Gravity	150
1557	G2-PAVIM	GLOBAL	Gravity	3
1557	q1k-A	GLOBAL	Gravity	9
1557	q1k-B	GLOBAL	Gravity	2,5
1557	q1k-D	GLOBAL	Gravity	9
1558	G2-PAVIM	GLOBAL	Gravity	3
1558	q1k-A	GLOBAL	Gravity	9

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

Table: Area Loads - Uniform

Area	LoadPat	CoordSys	Dir	UnifLoad KN/m2
1558	q1k-B	GLOBAL	Gravity	2,5
1558	q1k-D	GLOBAL	Gravity	9
1559	_Q1k-D	GLOBAL	Gravity	150
1559	G2-PAVIM	GLOBAL	Gravity	3
1559	q1k-A	GLOBAL	Gravity	9
1559	q1k-B	GLOBAL	Gravity	2,5
1559	q1k-D	GLOBAL	Gravity	9
1574	G2-PAVIM	GLOBAL	Gravity	3
1574	q1k-A	GLOBAL	Gravity	9
1574	q1k-B	GLOBAL	Gravity	2,5
1574	q1k-D	GLOBAL	Gravity	9
1575	G2-PAVIM	GLOBAL	Gravity	3
1575	q1k-A	GLOBAL	Gravity	9
1575	q1k-B	GLOBAL	Gravity	2,5
1575	q1k-D	GLOBAL	Gravity	9
1576	G2-PAVIM	GLOBAL	Gravity	3
1576	q1k-A	GLOBAL	Gravity	9
1576	q1k-B	GLOBAL	Gravity	2,5
1576	q1k-D	GLOBAL	Gravity	9
1577	_Q1k-D	GLOBAL	Gravity	150
1577	G2-PAVIM	GLOBAL	Gravity	3
1577	q1k-A	GLOBAL	Gravity	9
1577	q1k-B	GLOBAL	Gravity	2,5
1577	q1k-D	GLOBAL	Gravity	9
1578	G2-PAVIM	GLOBAL	Gravity	3
1578	q1k-A	GLOBAL	Gravity	9
1578	q1k-B	GLOBAL	Gravity	2,5
1578	q1k-D	GLOBAL	Gravity	9
1579	_Q1k-D	GLOBAL	Gravity	150
1579	G2-PAVIM	GLOBAL	Gravity	3
1579	q1k-A	GLOBAL	Gravity	9
1579	q1k-B	GLOBAL	Gravity	2,5
1579	q1k-D	GLOBAL	Gravity	9
1580	G2-PAVIM	GLOBAL	Gravity	3
1580	q1k-A	GLOBAL	Gravity	9
1580	q1k-B	GLOBAL	Gravity	2,5
1580	q1k-D	GLOBAL	Gravity	9
1581	_Q1k-D	GLOBAL	Gravity	150
1581	G2-PAVIM	GLOBAL	Gravity	3
1581	q1k-A	GLOBAL	Gravity	9
1581	q1k-B	GLOBAL	Gravity	2,5
1581	q1k-D	GLOBAL	Gravity	9
1582	G2-PAVIM	GLOBAL	Gravity	3
1582	q1k-A	GLOBAL	Gravity	9
1582	q1k-B	GLOBAL	Gravity	2,5
1582	q1k-D	GLOBAL	Gravity	9
1583	_Q1k-D	GLOBAL	Gravity	150
1583	G2-PAVIM	GLOBAL	Gravity	3
1583	q1k-A	GLOBAL	Gravity	9
1583	q1k-B	GLOBAL	Gravity	2,5
1583	q1k-D	GLOBAL	Gravity	9
1584	G2-PAVIM	GLOBAL	Gravity	3
1584	q1k-A	GLOBAL	Gravity	9

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Table: Area Loads - Uniform

Area	LoadPat	CoordSys	Dir	UnifLoad KN/m2
1584	q1k-B	GLOBAL	Gravity	2,5
1584	q1k-D	GLOBAL	Gravity	9
1585	G2-PAVIM	GLOBAL	Gravity	3
1585	q1k-A	GLOBAL	Gravity	9
1585	q1k-B	GLOBAL	Gravity	2,5
1585	q1k-D	GLOBAL	Gravity	9
1602	_Q1k-A	GLOBAL	Gravity	100
1602	_Q1k-B	GLOBAL	Gravity	150
1602	G2-PAVIM	GLOBAL	Gravity	3
1602	q1k-A	GLOBAL	Gravity	2,5
1602	q1k-B	GLOBAL	Gravity	9
1602	q1k-C	GLOBAL	Gravity	9
1603	_Q1k-A	GLOBAL	Gravity	100
1603	_Q1k-B	GLOBAL	Gravity	150
1603	_Q1k-D	GLOBAL	Gravity	150
1603	G2-PAVIM	GLOBAL	Gravity	3
1603	q1k-A	GLOBAL	Gravity	2,5
1603	q1k-B	GLOBAL	Gravity	9
1603	q1k-C	GLOBAL	Gravity	9
1603	q1k-D	GLOBAL	Gravity	9
1604	_Q1k-A	GLOBAL	Gravity	100
1604	_Q1k-B	GLOBAL	Gravity	150
1604	G2-PAVIM	GLOBAL	Gravity	3
1604	q1k-A	GLOBAL	Gravity	2,5
1604	q1k-B	GLOBAL	Gravity	9
1604	q1k-C	GLOBAL	Gravity	9
1605	_Q1k-A	GLOBAL	Gravity	100
1605	_Q1k-B	GLOBAL	Gravity	150
1605	_Q1k-D	GLOBAL	Gravity	150
1605	G2-PAVIM	GLOBAL	Gravity	3
1605	q1k-A	GLOBAL	Gravity	2,5
1605	q1k-B	GLOBAL	Gravity	9
1605	q1k-C	GLOBAL	Gravity	9
1605	q1k-D	GLOBAL	Gravity	9
1636	_Q1k-A	GLOBAL	Gravity	150
1636	_Q1k-B	GLOBAL	Gravity	100
1636	_Q1k-C	GLOBAL	Gravity	150
1636	_Q1k-D	GLOBAL	Gravity	150
1636	G2-PAVIM	GLOBAL	Gravity	3
1636	q1k-A	GLOBAL	Gravity	9
1636	q1k-B	GLOBAL	Gravity	2,5
1636	q1k-C	GLOBAL	Gravity	9
1636	q1k-D	GLOBAL	Gravity	9
1637	_Q1k-A	GLOBAL	Gravity	150
1637	_Q1k-B	GLOBAL	Gravity	100
1637	_Q1k-C	GLOBAL	Gravity	150
1637	G2-PAVIM	GLOBAL	Gravity	3
1637	q1k-A	GLOBAL	Gravity	9
1637	q1k-B	GLOBAL	Gravity	2,5
1637	q1k-C	GLOBAL	Gravity	9
1637	q1k-D	GLOBAL	Gravity	9
1638	_Q1k-A	GLOBAL	Gravity	150
1638	_Q1k-B	GLOBAL	Gravity	100

AUTOSTRADA VALDASTICO A31 NORD
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Table: Area Loads - Uniform

Area	LoadPat	CoordSys	Dir	UnifLoad KN/m2
1638	_Q1k-C	GLOBAL	Gravity	150
1638	_Q1k-D	GLOBAL	Gravity	150
1638	G2-PAVIM	GLOBAL	Gravity	3
1638	q1k-A	GLOBAL	Gravity	9
1638	q1k-B	GLOBAL	Gravity	2,5
1638	q1k-C	GLOBAL	Gravity	9
1638	q1k-D	GLOBAL	Gravity	9
1639	_Q1k-A	GLOBAL	Gravity	150
1639	_Q1k-B	GLOBAL	Gravity	100
1639	_Q1k-C	GLOBAL	Gravity	150
1639	G2-PAVIM	GLOBAL	Gravity	3
1639	q1k-A	GLOBAL	Gravity	9
1639	q1k-B	GLOBAL	Gravity	2,5
1639	q1k-C	GLOBAL	Gravity	9
1639	q1k-D	GLOBAL	Gravity	9
1654	G2-PAVIM	GLOBAL	Gravity	3
1654	q1k-A	GLOBAL	Gravity	2,5
1654	q1k-B	GLOBAL	Gravity	9
1654	q1k-C	GLOBAL	Gravity	9
1655	G2-PAVIM	GLOBAL	Gravity	3
1655	q1k-A	GLOBAL	Gravity	2,5
1655	q1k-B	GLOBAL	Gravity	9
1655	q1k-C	GLOBAL	Gravity	9
1655	q1k-D	GLOBAL	Gravity	9
1656	_Q1k-A	GLOBAL	Gravity	100
1656	_Q1k-B	GLOBAL	Gravity	150
1656	G2-PAVIM	GLOBAL	Gravity	3
1656	q1k-A	GLOBAL	Gravity	2,5
1656	q1k-B	GLOBAL	Gravity	9
1656	q1k-C	GLOBAL	Gravity	9
1657	_Q1k-A	GLOBAL	Gravity	100
1657	_Q1k-B	GLOBAL	Gravity	150
1657	_Q1k-D	GLOBAL	Gravity	150
1657	G2-PAVIM	GLOBAL	Gravity	3
1657	q1k-A	GLOBAL	Gravity	2,5
1657	q1k-B	GLOBAL	Gravity	9
1657	q1k-C	GLOBAL	Gravity	9
1657	q1k-D	GLOBAL	Gravity	9
1658	G2-PAVIM	GLOBAL	Gravity	3
1658	q1k-A	GLOBAL	Gravity	9
1658	q1k-B	GLOBAL	Gravity	2,5
1658	q1k-C	GLOBAL	Gravity	9
1658	q1k-D	GLOBAL	Gravity	9
1659	G2-PAVIM	GLOBAL	Gravity	3
1659	q1k-A	GLOBAL	Gravity	9
1659	q1k-B	GLOBAL	Gravity	2,5
1659	q1k-C	GLOBAL	Gravity	9
1659	q1k-D	GLOBAL	Gravity	9
1660	_Q1k-A	GLOBAL	Gravity	150
1660	_Q1k-B	GLOBAL	Gravity	100
1660	_Q1k-C	GLOBAL	Gravity	150
1660	_Q1k-D	GLOBAL	Gravity	150
1660	G2-PAVIM	GLOBAL	Gravity	3

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

Table: Area Loads - Uniform

Area	LoadPat	CoordSys	Dir	UnifLoad KN/m2
1660	q1k-A	GLOBAL	Gravity	9
1660	q1k-B	GLOBAL	Gravity	2,5
1660	q1k-C	GLOBAL	Gravity	9
1660	q1k-D	GLOBAL	Gravity	9
1661	_Q1k-A	GLOBAL	Gravity	150
1661	_Q1k-B	GLOBAL	Gravity	100
1661	_Q1k-C	GLOBAL	Gravity	150
1661	G2-PAVIM	GLOBAL	Gravity	3
1661	q1k-A	GLOBAL	Gravity	9
1661	q1k-B	GLOBAL	Gravity	2,5
1661	q1k-C	GLOBAL	Gravity	9
1661	q1k-D	GLOBAL	Gravity	9
1662	_Q1k-A	GLOBAL	Gravity	100
1662	_Q1k-B	GLOBAL	Gravity	150
1662	G2-PAVIM	GLOBAL	Gravity	3
1662	q1k-A	GLOBAL	Gravity	2,5
1662	q1k-B	GLOBAL	Gravity	9
1662	q1k-C	GLOBAL	Gravity	9
1663	_Q1k-A	GLOBAL	Gravity	100
1663	_Q1k-B	GLOBAL	Gravity	150
1663	_Q1k-D	GLOBAL	Gravity	150
1663	G2-PAVIM	GLOBAL	Gravity	3
1663	q1k-A	GLOBAL	Gravity	2,5
1663	q1k-B	GLOBAL	Gravity	9
1663	q1k-C	GLOBAL	Gravity	9
1663	q1k-D	GLOBAL	Gravity	9
1664	_Q1k-A	GLOBAL	Gravity	100
1664	_Q1k-B	GLOBAL	Gravity	150
1664	G2-PAVIM	GLOBAL	Gravity	3
1664	q1k-A	GLOBAL	Gravity	2,5
1664	q1k-B	GLOBAL	Gravity	9
1664	q1k-C	GLOBAL	Gravity	9
1665	_Q1k-A	GLOBAL	Gravity	100
1665	_Q1k-B	GLOBAL	Gravity	150
1665	_Q1k-D	GLOBAL	Gravity	150
1665	G2-PAVIM	GLOBAL	Gravity	3
1665	q1k-A	GLOBAL	Gravity	2,5
1665	q1k-B	GLOBAL	Gravity	9
1665	q1k-C	GLOBAL	Gravity	9
1665	q1k-D	GLOBAL	Gravity	9
1666	_Q1k-A	GLOBAL	Gravity	100
1666	_Q1k-B	GLOBAL	Gravity	150
1666	G2-PAVIM	GLOBAL	Gravity	3
1666	q1k-A	GLOBAL	Gravity	2,5
1666	q1k-B	GLOBAL	Gravity	9
1666	q1k-C	GLOBAL	Gravity	9
1667	_Q1k-A	GLOBAL	Gravity	100
1667	_Q1k-B	GLOBAL	Gravity	150
1667	_Q1k-D	GLOBAL	Gravity	150
1667	G2-PAVIM	GLOBAL	Gravity	3
1667	q1k-A	GLOBAL	Gravity	2,5
1667	q1k-B	GLOBAL	Gravity	9
1667	q1k-C	GLOBAL	Gravity	9

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

Table: Area Loads - Uniform

Area	LoadPat	CoordSys	Dir	UnifLoad KN/m2
1667	q1k-D	GLOBAL	Gravity	9
1668	G2-PAVIM	GLOBAL	Gravity	3
1668	q1k-A	GLOBAL	Gravity	2,5
1668	q1k-B	GLOBAL	Gravity	9
1668	q1k-C	GLOBAL	Gravity	9
1669	G2-PAVIM	GLOBAL	Gravity	3
1669	q1k-A	GLOBAL	Gravity	2,5
1669	q1k-B	GLOBAL	Gravity	9
1669	q1k-C	GLOBAL	Gravity	9
1669	q1k-D	GLOBAL	Gravity	9
1670	_Q1k-A	GLOBAL	Gravity	150
1670	_Q1k-B	GLOBAL	Gravity	100
1670	_Q1k-C	GLOBAL	Gravity	150
1670	_Q1k-D	GLOBAL	Gravity	150
1670	G2-PAVIM	GLOBAL	Gravity	3
1670	q1k-A	GLOBAL	Gravity	9
1670	q1k-B	GLOBAL	Gravity	2,5
1670	q1k-C	GLOBAL	Gravity	9
1670	q1k-D	GLOBAL	Gravity	9
1671	_Q1k-A	GLOBAL	Gravity	150
1671	_Q1k-B	GLOBAL	Gravity	100
1671	_Q1k-C	GLOBAL	Gravity	150
1671	G2-PAVIM	GLOBAL	Gravity	3
1671	q1k-A	GLOBAL	Gravity	9
1671	q1k-B	GLOBAL	Gravity	2,5
1671	q1k-C	GLOBAL	Gravity	9
1671	q1k-D	GLOBAL	Gravity	9
1672	_Q1k-A	GLOBAL	Gravity	150
1672	_Q1k-B	GLOBAL	Gravity	100
1672	_Q1k-C	GLOBAL	Gravity	150
1672	_Q1k-D	GLOBAL	Gravity	150
1672	G2-PAVIM	GLOBAL	Gravity	3
1672	q1k-A	GLOBAL	Gravity	9
1672	q1k-B	GLOBAL	Gravity	2,5
1672	q1k-C	GLOBAL	Gravity	9
1672	q1k-D	GLOBAL	Gravity	9
1673	_Q1k-A	GLOBAL	Gravity	150
1673	_Q1k-B	GLOBAL	Gravity	100
1673	_Q1k-C	GLOBAL	Gravity	150
1673	G2-PAVIM	GLOBAL	Gravity	3
1673	q1k-A	GLOBAL	Gravity	9
1673	q1k-B	GLOBAL	Gravity	2,5
1673	q1k-C	GLOBAL	Gravity	9
1673	q1k-D	GLOBAL	Gravity	9
1674	_Q1k-A	GLOBAL	Gravity	150
1674	_Q1k-B	GLOBAL	Gravity	100
1674	_Q1k-C	GLOBAL	Gravity	150
1674	_Q1k-D	GLOBAL	Gravity	150
1674	G2-PAVIM	GLOBAL	Gravity	3
1674	q1k-A	GLOBAL	Gravity	9
1674	q1k-B	GLOBAL	Gravity	2,5
1674	q1k-C	GLOBAL	Gravity	9
1674	q1k-D	GLOBAL	Gravity	9

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Table: Area Loads - Uniform

Area	LoadPat	CoordSys	Dir	UnifLoad KN/m2
1675	_Q1k-A	GLOBAL	Gravity	150
1675	_Q1k-B	GLOBAL	Gravity	100
1675	_Q1k-C	GLOBAL	Gravity	150
1675	G2-PAVIM	GLOBAL	Gravity	3
1675	q1k-A	GLOBAL	Gravity	9
1675	q1k-B	GLOBAL	Gravity	2,5
1675	q1k-C	GLOBAL	Gravity	9
1675	q1k-D	GLOBAL	Gravity	9
1676	G2-PAVIM	GLOBAL	Gravity	3
1676	q1k-A	GLOBAL	Gravity	9
1676	q1k-B	GLOBAL	Gravity	2,5
1676	q1k-C	GLOBAL	Gravity	9
1676	q1k-D	GLOBAL	Gravity	9
1677	G2-PAVIM	GLOBAL	Gravity	3
1677	q1k-A	GLOBAL	Gravity	9
1677	q1k-B	GLOBAL	Gravity	2,5
1677	q1k-C	GLOBAL	Gravity	9
1677	q1k-D	GLOBAL	Gravity	9

Table: Area Section Assignments

Table: Area Section Assignments

Area	Section	MatProp
71	MARCIAPIEDI	Default
72	MARCIAPIEDI	Default
252	MARCIAPIEDI	Default
253	MARCIAPIEDI	Default
397	MARCIAPIEDI	Default
398	MARCIAPIEDI	Default
417	MARCIAPIEDI	Default
418	MARCIAPIEDI	Default
460	MARCIAPIEDI	Default
461	MARCIAPIEDI	Default
539	MARCIAPIEDI	Default
540	MARCIAPIEDI	Default
737	MARCIAPIEDI	Default
738	MARCIAPIEDI	Default
1022	MARCIAPIEDI	Default
1023	MARCIAPIEDI	Default
1042	SOLETTA	Default
1043	SOLETTA	Default
1062	SOLETTA	Default
1063	SOLETTA	Default
1082	SOLETTA	Default
1083	SOLETTA	Default
1102	SOLETTA	Default
1103	SOLETTA	Default
1122	SOLETTA	Default
1123	SOLETTA	Default
1142	SOLETTA	Default
1143	SOLETTA	Default

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Table: Area Section Assignments

Area	Section	MatProp
1182	SOLETTA	Default
1183	SOLETTA	Default
1222	SOLETTA	Default
1223	SOLETTA	Default
1262	SOLETTA	Default
1263	SOLETTA	Default
1282	SOLETTA	Default
1283	SOLETTA	Default
1302	SOLETTA	Default
1303	SOLETTA	Default
1314	MARCIAPIEDI	Default
1315	MARCIAPIEDI	Default
1316	MARCIAPIEDI	Default
1317	MARCIAPIEDI	Default
1318	MARCIAPIEDI	Default
1319	MARCIAPIEDI	Default
1320	MARCIAPIEDI	Default
1321	MARCIAPIEDI	Default
1322	MARCIAPIEDI	Default
1323	MARCIAPIEDI	Default
1324	MARCIAPIEDI	Default
1325	MARCIAPIEDI	Default
1326	MARCIAPIEDI	Default
1327	MARCIAPIEDI	Default
1328	MARCIAPIEDI	Default
1329	MARCIAPIEDI	Default
1330	SOLETTA	Default
1331	SOLETTA	Default
1332	SOLETTA	Default
1333	SOLETTA	Default
1334	SOLETTA	Default
1335	SOLETTA	Default
1336	SOLETTA	Default
1337	SOLETTA	Default
1338	SOLETTA	Default
1339	SOLETTA	Default
1340	SOLETTA	Default
1341	SOLETTA	Default
1344	SOLETTA	Default
1345	SOLETTA	Default
1348	SOLETTA	Default
1349	SOLETTA	Default
1352	SOLETTA	Default
1353	SOLETTA	Default
1354	SOLETTA	Default
1355	SOLETTA	Default
1356	SOLETTA	Default
1357	SOLETTA	Default
1358	MARCIAPIEDI	Default
1359	MARCIAPIEDI	Default
1360	MARCIAPIEDI	Default
1361	MARCIAPIEDI	Default
1362	MARCIAPIEDI	Default

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Table: Area Section Assignments

Area	Section	MatProp
1363	MARCIAPIEDI	Default
1364	MARCIAPIEDI	Default
1365	MARCIAPIEDI	Default
1366	MARCIAPIEDI	Default
1367	MARCIAPIEDI	Default
1368	MARCIAPIEDI	Default
1369	MARCIAPIEDI	Default
1370	MARCIAPIEDI	Default
1371	MARCIAPIEDI	Default
1372	MARCIAPIEDI	Default
1373	MARCIAPIEDI	Default
1374	MARCIAPIEDI	Default
1375	MARCIAPIEDI	Default
1376	MARCIAPIEDI	Default
1377	MARCIAPIEDI	Default
1378	MARCIAPIEDI	Default
1379	MARCIAPIEDI	Default
1380	MARCIAPIEDI	Default
1381	MARCIAPIEDI	Default
1382	MARCIAPIEDI	Default
1383	MARCIAPIEDI	Default
1384	MARCIAPIEDI	Default
1385	MARCIAPIEDI	Default
1386	MARCIAPIEDI	Default
1387	MARCIAPIEDI	Default
1388	MARCIAPIEDI	Default
1389	MARCIAPIEDI	Default
1390	SOLETTA	Default
1391	SOLETTA	Default
1392	SOLETTA	Default
1393	SOLETTA	Default
1394	SOLETTA	Default
1395	SOLETTA	Default
1396	SOLETTA	Default
1397	SOLETTA	Default
1398	SOLETTA	Default
1399	SOLETTA	Default
1400	SOLETTA	Default
1401	SOLETTA	Default
1402	SOLETTA	Default
1403	SOLETTA	Default
1404	SOLETTA	Default
1405	SOLETTA	Default
1406	SOLETTA	Default
1407	SOLETTA	Default
1408	SOLETTA	Default
1409	SOLETTA	Default
1410	SOLETTA	Default
1411	SOLETTA	Default
1412	SOLETTA	Default
1413	SOLETTA	Default
1418	SOLETTA	Default
1419	SOLETTA	Default

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Table: Area Section Assignments

Area	Section	MatProp
1420	SOLETTA	Default
1421	SOLETTA	Default
1426	SOLETTA	Default
1427	SOLETTA	Default
1428	SOLETTA	Default
1429	SOLETTA	Default
1434	SOLETTA	Default
1435	SOLETTA	Default
1436	SOLETTA	Default
1437	SOLETTA	Default
1438	SOLETTA	Default
1439	SOLETTA	Default
1440	SOLETTA	Default
1441	SOLETTA	Default
1442	SOLETTA	Default
1443	SOLETTA	Default
1444	SOLETTA	Default
1445	SOLETTA	Default
1556	SOLETTA	Default
1557	SOLETTA	Default
1558	SOLETTA	Default
1559	SOLETTA	Default
1574	SOLETTA	Default
1575	SOLETTA	Default
1576	SOLETTA	Default
1577	SOLETTA	Default
1578	SOLETTA	Default
1579	SOLETTA	Default
1580	SOLETTA	Default
1581	SOLETTA	Default
1582	SOLETTA	Default
1583	SOLETTA	Default
1584	SOLETTA	Default
1585	SOLETTA	Default
1602	SOLETTA	Default
1603	SOLETTA	Default
1604	SOLETTA	Default
1605	SOLETTA	Default
1636	SOLETTA	Default
1637	SOLETTA	Default
1638	SOLETTA	Default
1639	SOLETTA	Default
1654	SOLETTA	Default
1655	SOLETTA	Default
1656	SOLETTA	Default
1657	SOLETTA	Default
1658	SOLETTA	Default
1659	SOLETTA	Default
1660	SOLETTA	Default
1661	SOLETTA	Default
1662	SOLETTA	Default
1663	SOLETTA	Default
1664	SOLETTA	Default

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Table: Area Section Assignments

Area	Section	MatProp
1665	SOLETTA	Default
1666	SOLETTA	Default
1667	SOLETTA	Default
1668	SOLETTA	Default
1669	SOLETTA	Default
1670	SOLETTA	Default
1671	SOLETTA	Default
1672	SOLETTA	Default
1673	SOLETTA	Default
1674	SOLETTA	Default
1675	SOLETTA	Default
1676	SOLETTA	Default
1677	SOLETTA	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
MARCIA-PIEDI			Magenta	449,867	45,87	1	1
SOLETTA			Green	464,863	47,4	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
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-A	Load pattern	_Q1k-A	1
_Q1k-B	Load pattern	_Q1k-B	1
q1k-B	Load pattern	q1k-B	1
q1k-C	Load pattern	q1k-C	1
_Q1k-C	Load pattern	_Q1k-C	1
_Q1k-D	Load pattern	_Q1k-D	1
q1k-D	Load pattern	q1k-D	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	
SLE-B	Linear Add	No	Linear Static	G1	1	None
SLE-B			Linear Static	G2-RETE	1	
SLE-B			Linear Static	G2-GUARDRAIL	1	
SLE-B			Linear Static	G2-PAVIM	1	

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Table: Combination Definitions, Part 1 of 3

ComboName	ComboType	AutoDesign	CaseType	CaseName	ScaleFactor	SteelDesign
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	
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-D			Linear Static	Q5-FOLLA	0,675	
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	
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-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	

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

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Table: Combination Definitions, Part 2 of 3

ComboName	CaseName	ConcDesign	AlumDesign	ColdDesign
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			
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			
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-D	Q5-FOLLA			
SLU-ENVE	SLU-A	None	None	None
SLU-ENVE	SLU-B			
SLU-ENVE	SLU-C			
SLU-ENVE	SLU-D			
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-ENVE	SLE-A	None	None	None
SLE-ENVE	SLE-B			
SLE-ENVE	SLE-C			
SLE-ENVE	SLE-D			

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1° LOTTO – Piovene Rocchette – Valle dell’Astico

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		
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		
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		
SLU-D	G1	6443fcf0-39af-48c4-9eea-893ddf33ecdf	
SLU-D	G2-RETE		
SLU-D	G2-GUARDRAIL		
SLU-D	G2-PAVIM		
SLU-D	q1k-D		

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Table: Combination Definitions, Part 3 of 3

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

Table: Connectivity - Area, Part 1 of 2

Table: Connectivity - Area, Part 1 of 2

Area	NumJoints	Joint1	Joint2	Joint3	Joint4	Perimeter	AreaArea
						m	m2
71	4	81	366	349	80	2	0,25
72	4	80	349	332	79	2	0,25
252	4	366	367	350	349	2	0,25
253	4	349	350	333	332	2	0,25
397	4	367	368	351	350	2	0,25
398	4	350	351	334	333	2	0,25
417	4	368	36	34	351	2	0,25
418	4	351	34	32	334	2	0,25
460	4	35	352	335	33	2	0,25
461	4	33	335	318	31	2	0,25
539	4	352	353	336	335	2	0,25
540	4	335	336	319	318	2	0,25
737	4	353	354	337	336	2	0,25
738	4	336	337	320	319	2	0,25
1022	4	354	62	61	337	2	0,25
1023	4	337	61	60	320	2	0,25
1042	4	62	100	99	61	1,500042	0,12501
1043	4	61	99	98	60	1,500042	0,12501
1062	4	100	355	338	99	1,499958	0,12499
1063	4	99	338	321	98	1,499958	0,12499
1082	4	355	356	339	338	2	0,25
1083	4	338	339	322	321	2	0,25
1102	4	356	357	340	339	2	0,25
1103	4	339	340	323	322	2	0,25
1122	4	357	358	341	340	2	0,25
1123	4	340	341	324	323	2	0,25

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Table: Connectivity - Area, Part 1 of 2

Area	NumJoints	Joint1	Joint2	Joint3	Joint4	Perimeter	AreaArea
						m	m2
1142	4	358	359	342	341	2	0,25
1143	4	341	342	325	324	2	0,25
1182	4	360	361	344	343	2	0,25
1183	4	343	344	327	326	2	0,25
1222	4	362	363	346	345	2	0,25
1223	4	345	346	329	328	2	0,25
1262	4	364	365	348	347	2	0,25
1263	4	347	348	331	330	2	0,25
1282	4	365	119	118	348	1,500062	0,125016
1283	4	348	118	117	331	1,500062	0,125016
1302	4	119	81	80	118	1,499938	0,124984
1303	4	118	80	79	117	1,499938	0,124984
1314	4	79	332	489	490	1,5	0,125
1315	4	490	489	315	78	1,5	0,125
1316	4	332	333	491	489	1,5	0,125
1317	4	489	491	316	315	1,5	0,125
1318	4	333	334	492	491	1,5	0,125
1319	4	491	492	317	316	1,5	0,125
1320	4	334	32	493	492	1,5	0,125
1321	4	492	493	30	317	1,5	0,125
1322	4	31	318	494	495	1,5	0,125
1323	4	495	494	301	29	1,5	0,125
1324	4	318	319	496	494	1,5	0,125
1325	4	494	496	302	301	1,5	0,125
1326	4	319	320	497	496	1,5	0,125
1327	4	496	497	303	302	1,5	0,125
1328	4	320	60	498	497	1,5	0,125
1329	4	497	498	59	303	1,5	0,125
1330	4	60	98	499	498	1,000042	0,062505
1331	4	498	499	97	59	1,000042	0,062505
1332	4	98	321	500	499	0,999958	0,062495
1333	4	499	500	304	97	0,999958	0,062495
1334	4	321	322	501	500	1,5	0,125
1335	4	500	501	305	304	1,5	0,125
1336	4	322	323	502	501	1,5	0,125
1337	4	501	502	306	305	1,5	0,125
1338	4	323	324	503	502	1,5	0,125
1339	4	502	503	307	306	1,5	0,125
1340	4	324	325	504	503	1,5	0,125
1341	4	503	504	308	307	1,5	0,125
1344	4	326	327	506	505	1,5	0,125
1345	4	505	506	310	309	1,5	0,125
1348	4	328	329	508	507	1,5	0,125
1349	4	507	508	312	311	1,5	0,125
1352	4	330	331	510	509	1,5	0,125
1353	4	509	510	314	313	1,5	0,125
1354	4	331	117	511	510	1,000062	0,062508
1355	4	510	511	116	314	1,000062	0,062508
1356	4	117	79	490	511	0,999938	0,062492
1357	4	511	490	78	116	0,999938	0,062492
1358	4	78	315	512	513	1,5	0,125
1359	4	513	512	298	77	1,5	0,125
1360	4	77	298	514	515	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
1361	4	515	514	281	76	1,5	0,125
1362	4	315	316	516	512	1,5	0,125
1363	4	512	516	299	298	1,5	0,125
1364	4	298	299	517	514	1,5	0,125
1365	4	514	517	282	281	1,5	0,125
1366	4	316	317	518	516	1,5	0,125
1367	4	516	518	300	299	1,5	0,125
1368	4	299	300	519	517	1,5	0,125
1369	4	517	519	283	282	1,5	0,125
1370	4	317	30	520	518	1,5	0,125
1371	4	518	520	28	300	1,5	0,125
1372	4	300	28	521	519	1,5	0,125
1373	4	519	521	26	283	1,5	0,125
1374	4	29	301	522	523	1,5	0,125
1375	4	523	522	284	27	1,5	0,125
1376	4	27	284	524	525	1,5	0,125
1377	4	525	524	267	25	1,5	0,125
1378	4	301	302	526	522	1,5	0,125
1379	4	522	526	285	284	1,5	0,125
1380	4	284	285	527	524	1,5	0,125
1381	4	524	527	268	267	1,5	0,125
1382	4	302	303	528	526	1,5	0,125
1383	4	526	528	286	285	1,5	0,125
1384	4	285	286	529	527	1,5	0,125
1385	4	527	529	269	268	1,5	0,125
1386	4	303	59	530	528	1,5	0,125
1387	4	528	530	58	286	1,5	0,125
1388	4	286	58	531	529	1,5	0,125
1389	4	529	531	57	269	1,5	0,125
1390	4	59	97	532	530	1,000042	0,062505
1391	4	530	532	96	58	1,000042	0,062505
1392	4	58	96	533	531	1,000042	0,062505
1393	4	531	533	95	57	1,000042	0,062505
1394	4	97	304	534	532	0,999958	0,062495
1395	4	532	534	287	96	0,999958	0,062495
1396	4	96	287	535	533	0,999958	0,062495
1397	4	533	535	270	95	0,999958	0,062495
1398	4	304	305	536	534	1,5	0,125
1399	4	534	536	288	287	1,5	0,125
1400	4	287	288	537	535	1,5	0,125
1401	4	535	537	271	270	1,5	0,125
1402	4	305	306	538	536	1,5	0,125
1403	4	536	538	289	288	1,5	0,125
1404	4	288	289	539	537	1,5	0,125
1405	4	537	539	272	271	1,5	0,125
1406	4	306	307	540	538	1,5	0,125
1407	4	538	540	290	289	1,5	0,125
1408	4	289	290	541	539	1,5	0,125
1409	4	539	541	273	272	1,5	0,125
1410	4	307	308	542	540	1,5	0,125
1411	4	540	542	291	290	1,5	0,125
1412	4	290	291	543	541	1,5	0,125
1413	4	541	543	274	273	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
1418	4	309	310	546	544	1,5	0,125
1419	4	544	546	293	292	1,5	0,125
1420	4	292	293	547	545	1,5	0,125
1421	4	545	547	276	275	1,5	0,125
1426	4	311	312	550	548	1,5	0,125
1427	4	548	550	295	294	1,5	0,125
1428	4	294	295	551	549	1,5	0,125
1429	4	549	551	278	277	1,5	0,125
1434	4	313	314	554	552	1,5	0,125
1435	4	552	554	297	296	1,5	0,125
1436	4	296	297	555	553	1,5	0,125
1437	4	553	555	280	279	1,5	0,125
1438	4	314	116	556	554	1,000062	0,062508
1439	4	554	556	115	297	1,000062	0,062508
1440	4	297	115	557	555	1,000062	0,062508
1441	4	555	557	114	280	1,000062	0,062508
1442	4	116	78	513	556	0,999938	0,062492
1443	4	556	513	77	115	0,999938	0,062492
1444	4	115	77	515	557	0,999938	0,062492
1445	4	557	515	76	114	0,999938	0,062492
1556	4	363	622	623	346	1,5	0,125
1557	4	622	364	347	623	1,5	0,125
1558	4	346	623	624	329	1,5	0,125
1559	4	623	347	330	624	1,5	0,125
1574	4	329	624	633	508	1	0,0625
1575	4	624	330	509	633	1	0,0625
1576	4	508	633	634	312	1	0,0625
1577	4	633	509	313	634	1	0,0625
1578	4	312	634	635	550	1	0,0625
1579	4	634	313	552	635	1	0,0625
1580	4	550	635	636	295	1	0,0625
1581	4	635	552	296	636	1	0,0625
1582	4	295	636	637	551	1	0,0625
1583	4	636	296	553	637	1	0,0625
1584	4	551	637	625	278	1	0,0625
1585	4	637	553	279	625	1	0,0625
1602	4	359	646	647	342	1,5	0,125
1603	4	646	360	343	647	1,5	0,125
1604	4	342	647	648	325	1,5	0,125
1605	4	647	343	326	648	1,5	0,125
1636	4	361	665	666	344	1,5	0,125
1637	4	665	362	345	666	1,5	0,125
1638	4	344	666	667	327	1,5	0,125
1639	4	666	345	328	667	1,5	0,125
1654	4	325	648	676	504	1	0,0625
1655	4	648	326	505	676	1	0,0625
1656	4	504	676	677	308	1	0,0625
1657	4	676	505	309	677	1	0,0625
1658	4	327	667	678	506	1	0,0625
1659	4	667	328	507	678	1	0,0625
1660	4	506	678	679	310	1	0,0625
1661	4	678	507	311	679	1	0,0625
1662	4	308	677	680	542	1	0,0625

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
1663	4	677	309	544	680	1	0,0625
1664	4	542	680	681	291	1	0,0625
1665	4	680	544	292	681	1	0,0625
1666	4	291	681	682	543	1	0,0625
1667	4	681	292	545	682	1	0,0625
1668	4	543	682	649	274	1	0,0625
1669	4	682	545	275	649	1	0,0625
1670	4	310	679	683	546	1	0,0625
1671	4	679	311	548	683	1	0,0625
1672	4	546	683	684	293	1	0,0625
1673	4	683	548	294	684	1	0,0625
1674	4	293	684	685	547	1	0,0625
1675	4	684	294	549	685	1	0,0625
1676	4	547	685	668	276	1	0,0625
1677	4	685	549	277	668	1	0,0625

Table: Connectivity - Area, Part 2 of 2

Table: Connectivity - Area, Part 2 of 2

Area	Volume	CentroidX	CentroidY	CentroidZ	GUID
	m3	m	m	m	
71	0,1125	13,25	9,25	0	4c918c9b-7cad-4a8e-86b7-423fc976315e
72	0,1125	13,25	9,75	0	b0e7019f-e1b8-4e4d-ab03-5cea30bf0f3
252	0,1125	13,75	9,25	0	6236df1c-fe5c-48e7-a329-997c0da68b39
253	0,1125	13,75	9,75	0	c9d1b995-8bf0-4387-a878-31e0b743ed1b
397	0,1125	14,25	9,25	0	eaca4562-b0af-4200-bdb3-37714c2c0c44
398	0,1125	14,25	9,75	0	c185eef5-92ff-4ddb-89e2-ed6d7f24b398
417	0,1125	14,75	9,25	0	45eab81c-f203-44e8-bdf9-0c09145f7991
418	0,1125	14,75	9,75	0	908ddb73-f236-4cf8-84b4-45d243ccc8b6
460	0,1125	5,25	9,25	0	0dd0fc62-ae0d-4741-89c5-3bb533ea4eac
461	0,1125	5,25	9,75	0	68ae28f9-317b-4823-a88c-9272cfa86991
539	0,1125	5,75	9,25	0	7d6cb813-cb27-45d8-889f-87ab7efa401c
540	0,1125	5,75	9,75	0	e6e23ea5-33b9-4290-83eb-6a8bb0c63f72
737	0,1125	6,25	9,25	0	90f6aa55-07f3-4c31-92c8-17ce18d7bf4c
738	0,1125	6,25	9,75	0	7ef11389-ccae-4a4a-b245-17822db177f8
1022	0,1125	6,75	9,25	0	3c395a5b-dc7f-4615-879c-0b0eea4b0248
1023	0,1125	6,75	9,75	0	33781d1a-a10f-469e-926c-8d9c76914914
1042	0,038753	7,12501	9,25	0	2638eec5-dc9b-4bf8-ab55-b147a6ea960c

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
1043	0,038753	7,12501	9,75	0	654ccdeb-8178-4825-b843-d7ed62eea3fb
1062	0,038747	7,37501	9,25	0	1aef5c17-3637-4d62-b1bb-134ab54b1803
1063	0,038747	7,37501	9,75	0	61b67217-8f20-4464-b1dd-099f69fade97
1082	0,0775	7,75	9,25	0	c4dce0bd-0b23-490e-a76e-9f074ed1f4ee
1083	0,0775	7,75	9,75	0	2e1846fc-bccf-4013-82ea-c247f5c23a18
1102	0,0775	8,25	9,25	0	610ee0b0-cbd2-41e3-94b5-e0912be494c3
1103	0,0775	8,25	9,75	0	8a6269c5-ebab-4e06-b59f-c68c8d2e6a70
1122	0,0775	8,75	9,25	0	873c497b-2da6-46dd-a78d-8b4a24275042
1123	0,0775	8,75	9,75	0	f8818223-fe25-4895-9cc4-608d86072f29
1142	0,0775	9,25	9,25	0	f209d51a-9b43-4f41-ab4a-8dadedba1603
1143	0,0775	9,25	9,75	0	aff133d2-012d-4115-98fc-f19c2676329e
1182	0,0775	10,25	9,25	0	c9075a86-4d97-4a32-8266-fe7ad50b4150
1183	0,0775	10,25	9,75	0	7ee3018b-0cec-4c1f-8ca2-2a68dc5ddf9e
1222	0,0775	11,25	9,25	0	d44f7428-30cd-4ccd-899d-27aeb61739a9
1223	0,0775	11,25	9,75	0	4962f9d1-cc42-455f-b7ae-ba216ec9aa31
1262	0,0775	12,25	9,25	0	8f6cbcb68-8fe5-4abb-b613-951fc59433e1
1263	0,0775	12,25	9,75	0	57ba91ba-5cb0-40e8-8244-01262add7bf9
1282	0,038755	12,62502	9,25	0	85b1b957-7185-4722-af2f-3dad83d19056
1283	0,038755	12,62502	9,75	0	5ae101f5-f527-4699-8b3f-144b072e89de
1302	0,038745	12,87502	9,25	0	39ea4318-5638-4413-b357-783784f3244a
1303	0,038745	12,87502	9,75	0	56afdbc3-31c1-4a03-83ba-bd41f69240ec
1314	0,05625	13,25	10,125	0	6e8c7900-3c23-4b19-b2dc-256057742ef8
1315	0,05625	13,25	10,375	0	d4c908a0-3dd6-49b4-9e61-a2076441389f
1316	0,05625	13,75	10,125	0	7192f179-15f3-495a-99a7-9cb5266bfc81
1317	0,05625	13,75	10,375	0	5139318b-1118-4d53-822e-1913f91d973b
1318	0,05625	14,25	10,125	0	ebcbc511-b8ad-4239-9f16-6e300e580c01
1319	0,05625	14,25	10,375	0	3fdf2a4e-22a6-4542-b60f-a64a414b2364
1320	0,05625	14,75	10,125	0	c797b5c2-d013-4cb9-b615-5117c5ec85c7
1321	0,05625	14,75	10,375	0	0e158917-768f-4e3b-a945-128fcc535b45

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
1322	0,05625	5,25	10,125	0	f20e54fd-ea31-40bc-917f-06cca21aefab
1323	0,05625	5,25	10,375	0	875152a7-b08c-4b41-bbf6-6d831c1f2416
1324	0,05625	5,75	10,125	0	4f6986f3-cbf2-4b82-9048-c76e348c83c0
1325	0,05625	5,75	10,375	0	d42ebe5b-ace4-40a7-8259-a12026112318
1326	0,05625	6,25	10,125	0	62f35461-9e76-470a-b657-91964aeae65b
1327	0,05625	6,25	10,375	0	928f42ab-9bca-44ce-9187-1e15ec201259
1328	0,05625	6,75	10,125	0	1d303189-8e51-4072-9ba9-2909709e502c
1329	0,05625	6,75	10,375	0	fa005e6c-6f47-49a8-bdd5-0daa455a3e50
1330	0,019377	7,12501	10,125	0	24faeeb3-0210-4924-bf0e-d3703a707d7b
1331	0,019377	7,12501	10,375	0	6408e689-3a8f-4400-b490-66c2f289b39e
1332	0,019373	7,37501	10,125	0	c9a5e8d7-94ca-42d2-a07a-b805fcc239d9
1333	0,019373	7,37501	10,375	0	3db50ecc-1b68-49f1-ab42-bf94f58c6c96
1334	0,03875	7,75	10,125	0	d5adf210-2297-4528-8972-841405a1f8ed
1335	0,03875	7,75	10,375	0	d0192862-3997-49fe-bdaa-bb1a04d95798
1336	0,03875	8,25	10,125	0	6cc0af20-50e8-48a7-ba07-1b54fea1cdbb
1337	0,03875	8,25	10,375	0	7132d39a-a1b8-4734-be56-c5410a979348
1338	0,03875	8,75	10,125	0	463c52f5-e3fd-4966-886e-4346fe01c952
1339	0,03875	8,75	10,375	0	ce17c005-9209-4927-aedc-b3cea1dbce65
1340	0,03875	9,25	10,125	0	e8e70396-18e3-4ee4-9f93-8865dd8974c2
1341	0,03875	9,25	10,375	0	ab640d97-75d3-4d3d-a24d-6a2c4336d0f3
1344	0,03875	10,25	10,125	0	ed2e025e-871d-4536-8e6c-575c49452a64
1345	0,03875	10,25	10,375	0	8bf73d60-0442-4339-822a-3423b544733c
1348	0,03875	11,25	10,125	0	23a646e0-0886-4486-898c-c11da5f9f8fa
1349	0,03875	11,25	10,375	0	9adf25fb-fa14-4250-8255-d7609399af45
1352	0,03875	12,25	10,125	0	372f7373-6a82-4fac-a557-3a833b3c791d
1353	0,03875	12,25	10,375	0	904080e7-624f-4784-b4b7-14fc858202a6
1354	0,019377	12,62502	10,125	0	078ae224-aa58-4dde-9701-afd8b37370f1
1355	0,019377	12,62502	10,375	0	16f62f37-39f9-42ec-bddf-0d7718c78781
1356	0,019373	12,87502	10,125	0	04a2df1c-07bf-440f-a326-3ba2c1e10a8d

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
1357	0,019373	12,87502	10,375	0	5cdf3a7f-a6b2-4109-8e02-07b0ef5aa362
1358	0,05625	13,25	10,625	0	119720d1-9f4d-45f9-9407-7d67014348b6
1359	0,05625	13,25	10,875	0	01c3c772-e9cd-46cb-818d-ddd9e7c554ba
1360	0,05625	13,25	11,125	0	f5ce3fa4-db3e-4eee-b1e8-1309ac07a547
1361	0,05625	13,25	11,375	0	40b8807b-6da6-4321-b702-d285775d9aba
1362	0,05625	13,75	10,625	0	e2f36222-106b-404d-b65d-253b6367af1c
1363	0,05625	13,75	10,875	0	c6677183-b700-4ac9-9277-a2acc0a73f03
1364	0,05625	13,75	11,125	0	baad126a-c24c-4c18-a64b-c8f338c70268
1365	0,05625	13,75	11,375	0	49062649-c739-4e9e-94b3-4a0a5ae9f5da
1366	0,05625	14,25	10,625	0	acd9237f-c53a-427f-bac6-77fe91cedf59
1367	0,05625	14,25	10,875	0	73d56e5d-5883-42ed-a7d9-bfc21d52b152
1368	0,05625	14,25	11,125	0	5718c562-ef41-4b34-bece-339433d0ac69
1369	0,05625	14,25	11,375	0	7b5aca93-23b5-49db-8b00-3384112260ac
1370	0,05625	14,75	10,625	0	ade2e499-44bb-4d60-bf16-0b6985d3a5aa
1371	0,05625	14,75	10,875	0	f4ea3111-f3c3-449c-b8a4-7a7dd6294e9a
1372	0,05625	14,75	11,125	0	7ab2dde4-2f2e-4d91-bdb8-5fda25434cca
1373	0,05625	14,75	11,375	0	9456b5ab-786d-4d9c-9e4d-dcf05d7986be
1374	0,05625	5,25	10,625	0	4b9f2ba7-e6dd-4fae-8638-c55d131255f5
1375	0,05625	5,25	10,875	0	a99b9f74-0f32-483c-80f2-93e0965f8a8d
1376	0,05625	5,25	11,125	0	24b3f144-f2ff-4106-9190-72650e12590f
1377	0,05625	5,25	11,375	0	0842eb99-f4f5-45e7-bbab-f594d397aa76
1378	0,05625	5,75	10,625	0	3c5f7a2d-0e4f-40f1-a6d0-683d49b25e4c
1379	0,05625	5,75	10,875	0	f7be8ec2-a965-417b-80d3-c33e5d21ca18
1380	0,05625	5,75	11,125	0	2e82c60f-ee93-46f5-bcef-505badc0d7ea
1381	0,05625	5,75	11,375	0	27f18f6b-58fe-4b5c-970d-bfc04691ef4c
1382	0,05625	6,25	10,625	0	662fa97c-a87e-4670-91dd-7b1ec3b3007e
1383	0,05625	6,25	10,875	0	fdcf7231-f180-4511-b91e-18d30d1a59d2
1384	0,05625	6,25	11,125	0	14f11108-ef83-459c-ae17-bce977678ef2
1385	0,05625	6,25	11,375	0	88346f37-bb1b-4fe5-a1a3-e24304395e08

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
1386	0,05625	6,75	10,625	0	df2da505-541f-4c41-ba05-9f2ff68a9bd7
1387	0,05625	6,75	10,875	0	0316039f-3ada-42e7-bbcc-14560861efeb
1388	0,05625	6,75	11,125	0	f1ebefbf-9671-4f28-8661-c0c606e6be53
1389	0,05625	6,75	11,375	0	c1f3156e-3e8c-472d-80c6-8ede6712afca
1390	0,019377	7,12501	10,625	0	b6c541c2-f141-4bd2-8bcb-087b519099b9
1391	0,019377	7,12501	10,875	0	c830d3ec-b6d6-4b52-8f02-9cec5fd6e36a
1392	0,019377	7,12501	11,125	0	f52c19a5-11fe-41f2-8549-851fba127440
1393	0,019377	7,12501	11,375	0	eb637d39-7ced-4bea-875e-cd51828800a8
1394	0,019373	7,37501	10,625	0	c7961867-125d-4f59-b86e-b948cc68acd3
1395	0,019373	7,37501	10,875	0	c26b5018-7a8d-4d27-b7b5-05d969cddb4d
1396	0,019373	7,37501	11,125	0	c34e0f2c-7354-4816-8e3e-d98a0664d115
1397	0,019373	7,37501	11,375	0	4aca3b5b-8960-4204-826c-33e8f20a6a87
1398	0,03875	7,75	10,625	0	77054108-501b-45ad-a1bb-a799b1e6a4e2
1399	0,03875	7,75	10,875	0	621c37fd-17a2-4897-a805-a974403e741f
1400	0,03875	7,75	11,125	0	502119ce-1f0e-42a6-8549-2a1edf364e33
1401	0,03875	7,75	11,375	0	7c54aa34-830b-4a7f-b322-54598ce6a791
1402	0,03875	8,25	10,625	0	872bfcc1-dc41-4d47-89e4-e62fdca325af
1403	0,03875	8,25	10,875	0	34b1e948-4610-46ef-998c-e8dc33384697
1404	0,03875	8,25	11,125	0	254983c0-9359-4706-990a-3ffff64dd7d3
1405	0,03875	8,25	11,375	0	64c8afab-5211-484b-b878-83799ccdf47b
1406	0,03875	8,75	10,625	0	098fe764-c982-4fd8-a086-1878e45155ae
1407	0,03875	8,75	10,875	0	6af9bb95-d933-4f78-b1d3-8dc875abb383
1408	0,03875	8,75	11,125	0	25f71716-0ba5-4906-bf9f-9e1e5e4b0b04
1409	0,03875	8,75	11,375	0	a8e14505-ee10-44df-8633-65d5376f5fad
1410	0,03875	9,25	10,625	0	717460b0-38d8-451e-ab08-51c5fa4ac1f2
1411	0,03875	9,25	10,875	0	a0e4b7b3-a07c-4159-ad5e-a69f0fd4b9f8
1412	0,03875	9,25	11,125	0	9d913b7f-a6d9-4420-9483-55728b50545f
1413	0,03875	9,25	11,375	0	77f64671-8de6-4842-a1f8-91343aac87aa
1418	0,03875	10,25	10,625	0	6bf330dc-59d5-4e79-bc72-a12f32ebf072

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
1419	0,03875	10,25	10,875	0	75134c17-6b27-4fb7-9b70-27d0fc4e343d
1420	0,03875	10,25	11,125	0	dbb9564c-ee3e-4a3f-9bfe-a6c7ccdfed62
1421	0,03875	10,25	11,375	0	c1a5ba58-b00d-4b81-8d23-57c90e564f30
1426	0,03875	11,25	10,625	0	0a6f5494-653c-4c23-9039-9bb2c249e616
1427	0,03875	11,25	10,875	0	911d30ce-0401-4e65-ac34-8038ffd68946
1428	0,03875	11,25	11,125	0	f61b4634-ffc9-43ab-a6c9-c9d55365f5bc
1429	0,03875	11,25	11,375	0	ab5c9e2d-7123-4dfe-8386-bbe68cbdff4c
1434	0,03875	12,25	10,625	0	496bf70c-c5aa-4245-b58b-8ba16c642719
1435	0,03875	12,25	10,875	0	07557a81-9b94-44e5-8b99-0609585ef8de
1436	0,03875	12,25	11,125	0	45502bd7-8766-4252-ba65-2c57e5a50aed
1437	0,03875	12,25	11,375	0	2e4f8eb3-5c44-4f8d-9aed-475f9549000d
1438	0,019377	12,62502	10,625	0	c0b73d30-0ed0-4a07-b27e-f13fb1e187ab
1439	0,019377	12,62502	10,875	0	cf7d7c7c-de90-467c-a878-8897844d95e6
1440	0,019377	12,62502	11,125	0	e8d67ab0-b6f8-40cc-a440-8f320ebab825
1441	0,019377	12,62502	11,375	0	aba2ed95-9555-47af-8140-4c2c74770d2b
1442	0,019373	12,87502	10,625	0	f4d63efb-064f-42ee-9bf5-b0b362e1b96c
1443	0,019373	12,87502	10,875	0	c714fee0-967b-4851-9d57-abd7b41b9743
1444	0,019373	12,87502	11,125	0	69ae800e-c66d-47c4-a7b5-a4a6c96a77ef
1445	0,019373	12,87502	11,375	0	8d5f3d8e-2777-4c55-b58f-14aa34638a5e
1556	0,03875	11,625	9,25	0	1a8e67cb-f5eb-4044-bb30-57c00e1daf4a
1557	0,03875	11,875	9,25	0	9e275afe-d809-4287-b100-9a8f90f916e1
1558	0,03875	11,625	9,75	0	1d033c96-72cd-436f-b38a-78269d5e7725
1559	0,03875	11,875	9,75	0	676fd271-20c3-4fd5-960a-1221851b302d
1574	0,019375	11,625	10,125	0	62342898-6981-4c52-896e-cb197a605c45
1575	0,019375	11,875	10,125	0	0c1181aa-d900-4130-9a0a-a724504aaf6d
1576	0,019375	11,625	10,375	0	569ef2f2-c8f4-4429-976f-613f95fae211
1577	0,019375	11,875	10,375	0	2f9181b3-f22d-4d14-ba1a-475b8422860f
1578	0,019375	11,625	10,625	0	e962f958-432d-45e7-a095-45e564e95fb1
1579	0,019375	11,875	10,625	0	a54842df-fec0-4164-b492-1d3ec1db3ef9

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
1580	0,019375	11,625	10,875	0	11d67bc3-7cd7-4cce-badd-2cf6129ac952
1581	0,019375	11,875	10,875	0	2293a937-54b9-4ec8-bf31-a58bac23fd28
1582	0,019375	11,625	11,125	0	8fcaf016-c126-4a1f-b36b-7bd1000d1df9
1583	0,019375	11,875	11,125	0	584c8848-6fe6-47af-9075-44e0e202f8fa
1584	0,019375	11,625	11,375	0	0eafcb20-c1f1-4be5-9fc2-0070d53296e4
1585	0,019375	11,875	11,375	0	3b4916a0-ed75-443a-8f86-d153052bba19
1602	0,03875	9,625	9,25	0	9e2790a1-c3f0-4997-8158-f84ad605d097
1603	0,03875	9,875	9,25	0	1922f5c7-3ff0-454e-85dd-e3d0238ce178
1604	0,03875	9,625	9,75	0	80d3ff55-5e1d-41ef-9eb7-cf010ce3bcc1
1605	0,03875	9,875	9,75	0	96137217-ecf3-4a46-b9f3-cd318b9962db
1636	0,03875	10,625	9,25	0	c509a766-5edf-4359-932a-168be533261d
1637	0,03875	10,875	9,25	0	d8b16e8a-0393-4f4f-9c1d-9f0cd486f8d0
1638	0,03875	10,625	9,75	0	421c55f4-159a-414c-972b-674ab317788e
1639	0,03875	10,875	9,75	0	a5674d1c-19ae-4a41-89a8-b98c508d6f29
1654	0,019375	9,625	10,125	0	28999378-fc85-42fc-89bd-ce1e0a1a8520
1655	0,019375	9,875	10,125	0	65f94ae3-078b-4555-bfd5-8976ae148116
1656	0,019375	9,625	10,375	0	439dde13-5009-4a34-87ef-35ad5a18d86b
1657	0,019375	9,875	10,375	0	94a8bc9b-5075-4b77-9ef3-6d25a602f0ff
1658	0,019375	10,625	10,125	0	3eb950db-a19a-4fe6-b164-c2b9390011ef
1659	0,019375	10,875	10,125	0	66b8d946-658f-4857-b9d9-9f0579b51660
1660	0,019375	10,625	10,375	0	d0f9d9a5-bd0d-490c-925c-b9e29f0f63f0
1661	0,019375	10,875	10,375	0	f24e28ab-0fcf-4b44-be5e-6d5923461b74
1662	0,019375	9,625	10,625	0	232b167e-24c3-4ac6-b946-40ceeb44e7a8
1663	0,019375	9,875	10,625	0	afef916c-df56-4d66-ac2c-d2937cf56f47
1664	0,019375	9,625	10,875	0	5cd84b52-5972-4d96-951b-c6c199deb971
1665	0,019375	9,875	10,875	0	f44fa6c6-bdf1-49db-a459-50bf4a71bc63
1666	0,019375	9,625	11,125	0	42e6aeb7-d5dc-494c-98ff-f5c35631aea6
1667	0,019375	9,875	11,125	0	f1b69ae6-b38b-46a7-b6bf-cab49329e52e
1668	0,019375	9,625	11,375	0	71c9528c-8817-45b8-aa72-68b3bca4faa0

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
1669	0,019375	9,875	11,375	0	ca23b8a6-08b2-4de0-9fb6-d14c3c84c533
1670	0,019375	10,625	10,625	0	829f8fa4-850a-4128-8fe6-64549eb94adf
1671	0,019375	10,875	10,625	0	395e466c-7097-482e-8bd1-6ebd10c922b4
1672	0,019375	10,625	10,875	0	a30a5ba0-9d34-4b98-ab1d-1743be263a72
1673	0,019375	10,875	10,875	0	d7db41b0-c23b-4d87-ad80-0902ebf2f868
1674	0,019375	10,625	11,125	0	574aee08-0ba5-4e8d-b3a6-c7c7128ef76b
1675	0,019375	10,875	11,125	0	780fd6fa-1d7c-44f5-b862-ca31f0d46d85
1676	0,019375	10,625	11,375	0	0cca5e33-7601-4b43-98c3-9301fb1faef9
1677	0,019375	10,875	11,375	0	5ea69690-951c-4c0b-9c91-817e83c9f54c

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
25	GLOBAL	Cartesian	5	11,5	0	No	5
26	GLOBAL	Cartesian	15	11,5	0	No	15
27	GLOBAL	Cartesian	5	11	0	No	5
28	GLOBAL	Cartesian	15	11	0	No	15
29	GLOBAL	Cartesian	5	10,5	0	No	5
30	GLOBAL	Cartesian	15	10,5	0	No	15
31	GLOBAL	Cartesian	5	10	0	No	5
32	GLOBAL	Cartesian	15	10	0	No	15
33	GLOBAL	Cartesian	5	9,5	0	No	5
34	GLOBAL	Cartesian	15	9,5	0	No	15
35	GLOBAL	Cartesian	5	9	0	No	5
36	GLOBAL	Cartesian	15	9	0	No	15
57	GLOBAL	Cartesian	7	11,5	0	No	7
58	GLOBAL	Cartesian	7	11	0	No	7
59	GLOBAL	Cartesian	7	10,5	0	No	7
60	GLOBAL	Cartesian	7	10	0	No	7
61	GLOBAL	Cartesian	7	9,5	0	No	7
62	GLOBAL	Cartesian	7	9	0	No	7
76	GLOBAL	Cartesian	13	11,5	0	No	13
77	GLOBAL	Cartesian	13	11	0	No	13
78	GLOBAL	Cartesian	13	10,5	0	No	13
79	GLOBAL	Cartesian	13	10	0	No	13
80	GLOBAL	Cartesian	13	9,5	0	No	13
81	GLOBAL	Cartesian	13	9	0	No	13
95	GLOBAL	Cartesian	7,25002	11,5	0	No	7,25002
96	GLOBAL	Cartesian	7,25002	11	0	No	7,25002
97	GLOBAL	Cartesian	7,25002	10,5	0	No	7,25002
98	GLOBAL	Cartesian	7,25002	10	0	No	7,25002
99	GLOBAL	Cartesian	7,25002	9,5	0	No	7,25002
100	GLOBAL	Cartesian	7,25002	9	0	No	7,25002

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
114	GLOBAL	Cartesian	12,75003	11,5	0	No	12,75003
115	GLOBAL	Cartesian	12,75003	11	0	No	12,75003
116	GLOBAL	Cartesian	12,75003	10,5	0	No	12,75003
117	GLOBAL	Cartesian	12,75003	10	0	No	12,75003
118	GLOBAL	Cartesian	12,75003	9,5	0	No	12,75003
119	GLOBAL	Cartesian	12,75003	9	0	No	12,75003
267	GLOBAL	Cartesian	5,5	11,5	0	No	5,5
268	GLOBAL	Cartesian	6	11,5	0	No	6
269	GLOBAL	Cartesian	6,5	11,5	0	No	6,5
270	GLOBAL	Cartesian	7,5	11,5	0	No	7,5
271	GLOBAL	Cartesian	8	11,5	0	No	8
272	GLOBAL	Cartesian	8,5	11,5	0	No	8,5
273	GLOBAL	Cartesian	9	11,5	0	No	9
274	GLOBAL	Cartesian	9,5	11,5	0	No	9,5
275	GLOBAL	Cartesian	10	11,5	0	No	10
276	GLOBAL	Cartesian	10,5	11,5	0	No	10,5
277	GLOBAL	Cartesian	11	11,5	0	No	11
278	GLOBAL	Cartesian	11,5	11,5	0	No	11,5
279	GLOBAL	Cartesian	12	11,5	0	No	12
280	GLOBAL	Cartesian	12,5	11,5	0	No	12,5
281	GLOBAL	Cartesian	13,5	11,5	0	No	13,5
282	GLOBAL	Cartesian	14	11,5	0	No	14
283	GLOBAL	Cartesian	14,5	11,5	0	No	14,5
284	GLOBAL	Cartesian	5,5	11	0	No	5,5
285	GLOBAL	Cartesian	6	11	0	No	6
286	GLOBAL	Cartesian	6,5	11	0	No	6,5
287	GLOBAL	Cartesian	7,5	11	0	No	7,5
288	GLOBAL	Cartesian	8	11	0	No	8
289	GLOBAL	Cartesian	8,5	11	0	No	8,5
290	GLOBAL	Cartesian	9	11	0	No	9
291	GLOBAL	Cartesian	9,5	11	0	No	9,5
292	GLOBAL	Cartesian	10	11	0	No	10
293	GLOBAL	Cartesian	10,5	11	0	No	10,5
294	GLOBAL	Cartesian	11	11	0	No	11
295	GLOBAL	Cartesian	11,5	11	0	No	11,5
296	GLOBAL	Cartesian	12	11	0	No	12
297	GLOBAL	Cartesian	12,5	11	0	No	12,5
298	GLOBAL	Cartesian	13,5	11	0	No	13,5
299	GLOBAL	Cartesian	14	11	0	No	14
300	GLOBAL	Cartesian	14,5	11	0	No	14,5
301	GLOBAL	Cartesian	5,5	10,5	0	No	5,5
302	GLOBAL	Cartesian	6	10,5	0	No	6
303	GLOBAL	Cartesian	6,5	10,5	0	No	6,5
304	GLOBAL	Cartesian	7,5	10,5	0	No	7,5
305	GLOBAL	Cartesian	8	10,5	0	No	8
306	GLOBAL	Cartesian	8,5	10,5	0	No	8,5
307	GLOBAL	Cartesian	9	10,5	0	No	9
308	GLOBAL	Cartesian	9,5	10,5	0	No	9,5
309	GLOBAL	Cartesian	10	10,5	0	No	10
310	GLOBAL	Cartesian	10,5	10,5	0	No	10,5
311	GLOBAL	Cartesian	11	10,5	0	No	11
312	GLOBAL	Cartesian	11,5	10,5	0	No	11,5
313	GLOBAL	Cartesian	12	10,5	0	No	12

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

Joint	CoordSys	CoordType	XorR	Y	Z	SpecialJt	GlobalX
			m	m	m		m
314	GLOBAL	Cartesian	12,5	10,5	0	No	12,5
315	GLOBAL	Cartesian	13,5	10,5	0	No	13,5
316	GLOBAL	Cartesian	14	10,5	0	No	14
317	GLOBAL	Cartesian	14,5	10,5	0	No	14,5
318	GLOBAL	Cartesian	5,5	10	0	No	5,5
319	GLOBAL	Cartesian	6	10	0	No	6
320	GLOBAL	Cartesian	6,5	10	0	No	6,5
321	GLOBAL	Cartesian	7,5	10	0	No	7,5
322	GLOBAL	Cartesian	8	10	0	No	8
323	GLOBAL	Cartesian	8,5	10	0	No	8,5
324	GLOBAL	Cartesian	9	10	0	No	9
325	GLOBAL	Cartesian	9,5	10	0	No	9,5
326	GLOBAL	Cartesian	10	10	0	No	10
327	GLOBAL	Cartesian	10,5	10	0	No	10,5
328	GLOBAL	Cartesian	11	10	0	No	11
329	GLOBAL	Cartesian	11,5	10	0	No	11,5
330	GLOBAL	Cartesian	12	10	0	No	12
331	GLOBAL	Cartesian	12,5	10	0	No	12,5
332	GLOBAL	Cartesian	13,5	10	0	No	13,5
333	GLOBAL	Cartesian	14	10	0	No	14
334	GLOBAL	Cartesian	14,5	10	0	No	14,5
335	GLOBAL	Cartesian	5,5	9,5	0	No	5,5
336	GLOBAL	Cartesian	6	9,5	0	No	6
337	GLOBAL	Cartesian	6,5	9,5	0	No	6,5
338	GLOBAL	Cartesian	7,5	9,5	0	No	7,5
339	GLOBAL	Cartesian	8	9,5	0	No	8
340	GLOBAL	Cartesian	8,5	9,5	0	No	8,5
341	GLOBAL	Cartesian	9	9,5	0	No	9
342	GLOBAL	Cartesian	9,5	9,5	0	No	9,5
343	GLOBAL	Cartesian	10	9,5	0	No	10
344	GLOBAL	Cartesian	10,5	9,5	0	No	10,5
345	GLOBAL	Cartesian	11	9,5	0	No	11
346	GLOBAL	Cartesian	11,5	9,5	0	No	11,5
347	GLOBAL	Cartesian	12	9,5	0	No	12
348	GLOBAL	Cartesian	12,5	9,5	0	No	12,5
349	GLOBAL	Cartesian	13,5	9,5	0	No	13,5
350	GLOBAL	Cartesian	14	9,5	0	No	14
351	GLOBAL	Cartesian	14,5	9,5	0	No	14,5
352	GLOBAL	Cartesian	5,5	9	0	No	5,5
353	GLOBAL	Cartesian	6	9	0	No	6
354	GLOBAL	Cartesian	6,5	9	0	No	6,5
355	GLOBAL	Cartesian	7,5	9	0	No	7,5
356	GLOBAL	Cartesian	8	9	0	No	8
357	GLOBAL	Cartesian	8,5	9	0	No	8,5
358	GLOBAL	Cartesian	9	9	0	No	9
359	GLOBAL	Cartesian	9,5	9	0	No	9,5
360	GLOBAL	Cartesian	10	9	0	No	10
361	GLOBAL	Cartesian	10,5	9	0	No	10,5
362	GLOBAL	Cartesian	11	9	0	No	11
363	GLOBAL	Cartesian	11,5	9	0	No	11,5
364	GLOBAL	Cartesian	12	9	0	No	12
365	GLOBAL	Cartesian	12,5	9	0	No	12,5
366	GLOBAL	Cartesian	13,5	9	0	No	13,5

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
367	GLOBAL	Cartesian	14	9	0	No	14
368	GLOBAL	Cartesian	14,5	9	0	No	14,5
489	GLOBAL	Cartesian	13,5	10,25	0	No	13,5
490	GLOBAL	Cartesian	13	10,25	0	No	13
491	GLOBAL	Cartesian	14	10,25	0	No	14
492	GLOBAL	Cartesian	14,5	10,25	0	No	14,5
493	GLOBAL	Cartesian	15	10,25	0	No	15
494	GLOBAL	Cartesian	5,5	10,25	0	No	5,5
495	GLOBAL	Cartesian	5	10,25	0	No	5
496	GLOBAL	Cartesian	6	10,25	0	No	6
497	GLOBAL	Cartesian	6,5	10,25	0	No	6,5
498	GLOBAL	Cartesian	7	10,25	0	No	7
499	GLOBAL	Cartesian	7,25002	10,25	0	No	7,25002
500	GLOBAL	Cartesian	7,5	10,25	0	No	7,5
501	GLOBAL	Cartesian	8	10,25	0	No	8
502	GLOBAL	Cartesian	8,5	10,25	0	No	8,5
503	GLOBAL	Cartesian	9	10,25	0	No	9
504	GLOBAL	Cartesian	9,5	10,25	0	No	9,5
505	GLOBAL	Cartesian	10	10,25	0	No	10
506	GLOBAL	Cartesian	10,5	10,25	0	No	10,5
507	GLOBAL	Cartesian	11	10,25	0	No	11
508	GLOBAL	Cartesian	11,5	10,25	0	No	11,5
509	GLOBAL	Cartesian	12	10,25	0	No	12
510	GLOBAL	Cartesian	12,5	10,25	0	No	12,5
511	GLOBAL	Cartesian	12,75003	10,25	0	No	12,75003
512	GLOBAL	Cartesian	13,5	10,75	0	No	13,5
513	GLOBAL	Cartesian	13	10,75	0	No	13
514	GLOBAL	Cartesian	13,5	11,25	0	No	13,5
515	GLOBAL	Cartesian	13	11,25	0	No	13
516	GLOBAL	Cartesian	14	10,75	0	No	14
517	GLOBAL	Cartesian	14	11,25	0	No	14
518	GLOBAL	Cartesian	14,5	10,75	0	No	14,5
519	GLOBAL	Cartesian	14,5	11,25	0	No	14,5
520	GLOBAL	Cartesian	15	10,75	0	No	15
521	GLOBAL	Cartesian	15	11,25	0	No	15
522	GLOBAL	Cartesian	5,5	10,75	0	No	5,5
523	GLOBAL	Cartesian	5	10,75	0	No	5
524	GLOBAL	Cartesian	5,5	11,25	0	No	5,5
525	GLOBAL	Cartesian	5	11,25	0	No	5
526	GLOBAL	Cartesian	6	10,75	0	No	6
527	GLOBAL	Cartesian	6	11,25	0	No	6
528	GLOBAL	Cartesian	6,5	10,75	0	No	6,5
529	GLOBAL	Cartesian	6,5	11,25	0	No	6,5
530	GLOBAL	Cartesian	7	10,75	0	No	7
531	GLOBAL	Cartesian	7	11,25	0	No	7
532	GLOBAL	Cartesian	7,25002	10,75	0	No	7,25002
533	GLOBAL	Cartesian	7,25002	11,25	0	No	7,25002
534	GLOBAL	Cartesian	7,5	10,75	0	No	7,5
535	GLOBAL	Cartesian	7,5	11,25	0	No	7,5
536	GLOBAL	Cartesian	8	10,75	0	No	8
537	GLOBAL	Cartesian	8	11,25	0	No	8
538	GLOBAL	Cartesian	8,5	10,75	0	No	8,5
539	GLOBAL	Cartesian	8,5	11,25	0	No	8,5

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
540	GLOBAL	Cartesian	9	10,75	0	No	9
541	GLOBAL	Cartesian	9	11,25	0	No	9
542	GLOBAL	Cartesian	9,5	10,75	0	No	9,5
543	GLOBAL	Cartesian	9,5	11,25	0	No	9,5
544	GLOBAL	Cartesian	10	10,75	0	No	10
545	GLOBAL	Cartesian	10	11,25	0	No	10
546	GLOBAL	Cartesian	10,5	10,75	0	No	10,5
547	GLOBAL	Cartesian	10,5	11,25	0	No	10,5
548	GLOBAL	Cartesian	11	10,75	0	No	11
549	GLOBAL	Cartesian	11	11,25	0	No	11
550	GLOBAL	Cartesian	11,5	10,75	0	No	11,5
551	GLOBAL	Cartesian	11,5	11,25	0	No	11,5
552	GLOBAL	Cartesian	12	10,75	0	No	12
553	GLOBAL	Cartesian	12	11,25	0	No	12
554	GLOBAL	Cartesian	12,5	10,75	0	No	12,5
555	GLOBAL	Cartesian	12,5	11,25	0	No	12,5
556	GLOBAL	Cartesian	12,75003	10,75	0	No	12,75003
557	GLOBAL	Cartesian	12,75003	11,25	0	No	12,75003
622	GLOBAL	Cartesian	11,75	9	0	No	11,75
623	GLOBAL	Cartesian	11,75	9,5	0	No	11,75
624	GLOBAL	Cartesian	11,75	10	0	No	11,75
625	GLOBAL	Cartesian	11,75	11,5	0	No	11,75
633	GLOBAL	Cartesian	11,75	10,25	0	No	11,75
634	GLOBAL	Cartesian	11,75	10,5	0	No	11,75
635	GLOBAL	Cartesian	11,75	10,75	0	No	11,75
636	GLOBAL	Cartesian	11,75	11	0	No	11,75
637	GLOBAL	Cartesian	11,75	11,25	0	No	11,75
646	GLOBAL	Cartesian	9,75	9	0	No	9,75
647	GLOBAL	Cartesian	9,75	9,5	0	No	9,75
648	GLOBAL	Cartesian	9,75	10	0	No	9,75
649	GLOBAL	Cartesian	9,75	11,5	0	No	9,75
665	GLOBAL	Cartesian	10,75	9	0	No	10,75
666	GLOBAL	Cartesian	10,75	9,5	0	No	10,75
667	GLOBAL	Cartesian	10,75	10	0	No	10,75
668	GLOBAL	Cartesian	10,75	11,5	0	No	10,75
676	GLOBAL	Cartesian	9,75	10,25	0	No	9,75
677	GLOBAL	Cartesian	9,75	10,5	0	No	9,75
678	GLOBAL	Cartesian	10,75	10,25	0	No	10,75
679	GLOBAL	Cartesian	10,75	10,5	0	No	10,75
680	GLOBAL	Cartesian	9,75	10,75	0	No	9,75
681	GLOBAL	Cartesian	9,75	11	0	No	9,75
682	GLOBAL	Cartesian	9,75	11,25	0	No	9,75
683	GLOBAL	Cartesian	10,75	10,75	0	No	10,75
684	GLOBAL	Cartesian	10,75	11	0	No	10,75
685	GLOBAL	Cartesian	10,75	11,25	0	No	10,75

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

Table: Joint Coordinates, Part 2 of 2

Table: Joint Coordinates, Part 2 of 2			
Joint	GlobalY m	GlobalZ m	GUID
25	11,5	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
26	11,5	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
27	11	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
28	11	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
29	10,5	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
30	10,5	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
31	10	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
32	10	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
33	9,5	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
34	9,5	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
35	9	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
36	9	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
57	11,5	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
58	11	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
59	10,5	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
60	10	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
61	9,5	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
62	9	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
76	11,5	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
77	11	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
78	10,5	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
79	10	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
80	9,5	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
81	9	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
95	11,5	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
96	11	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
97	10,5	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
98	10	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed

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

Table: Joint Coordinates, Part 2 of 2

Joint	GlobalY m	GlobalZ m	GUID
99	9,5	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
100	9	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
114	11,5	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
115	11	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
116	10,5	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
117	10	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
118	9,5	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
119	9	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
267	11,5	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
268	11,5	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
269	11,5	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
270	11,5	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
271	11,5	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
272	11,5	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
273	11,5	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
274	11,5	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
275	11,5	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
276	11,5	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
277	11,5	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
278	11,5	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
279	11,5	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
280	11,5	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
281	11,5	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
282	11,5	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
283	11,5	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
284	11	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
285	11	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
286	11	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
287	11	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed

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

Table: Joint Coordinates, Part 2 of 2

Joint	GlobalY m	GlobalZ m	GUID
288	11	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
289	11	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
290	11	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
291	11	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
292	11	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
293	11	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
294	11	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
295	11	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
296	11	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
297	11	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
298	11	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
299	11	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
300	11	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
301	10,5	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
302	10,5	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
303	10,5	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
304	10,5	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
305	10,5	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
306	10,5	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
307	10,5	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
308	10,5	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
309	10,5	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
310	10,5	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
311	10,5	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
312	10,5	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
313	10,5	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
314	10,5	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
315	10,5	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
316	10,5	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed

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

Table: Joint Coordinates, Part 2 of 2

Joint	GlobalY m	GlobalZ m	GUID
317	10,5	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
318	10	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
319	10	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
320	10	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
321	10	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
322	10	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
323	10	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
324	10	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
325	10	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
326	10	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
327	10	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
328	10	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
329	10	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
330	10	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
331	10	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
332	10	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
333	10	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
334	10	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
335	9,5	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
336	9,5	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
337	9,5	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
338	9,5	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
339	9,5	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
340	9,5	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
341	9,5	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
342	9,5	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
343	9,5	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
344	9,5	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
345	9,5	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed

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

Table: Joint Coordinates, Part 2 of 2

Joint	GlobalY m	GlobalZ m	GUID
346	9,5	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
347	9,5	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
348	9,5	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
349	9,5	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
350	9,5	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
351	9,5	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
352	9	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
353	9	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
354	9	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
355	9	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
356	9	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
357	9	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
358	9	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
359	9	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
360	9	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
361	9	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
362	9	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
363	9	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
364	9	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
365	9	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
366	9	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
367	9	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
368	9	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
489	10,25	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
490	10,25	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
491	10,25	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
492	10,25	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
493	10,25	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
494	10,25	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed

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

Table: Joint Coordinates, Part 2 of 2

Joint	GlobalY m	GlobalZ m	GUID
495	10,25	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
496	10,25	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
497	10,25	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
498	10,25	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
499	10,25	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
500	10,25	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
501	10,25	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
502	10,25	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
503	10,25	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
504	10,25	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
505	10,25	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
506	10,25	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
507	10,25	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
508	10,25	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
509	10,25	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
510	10,25	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
511	10,25	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
512	10,75	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
513	10,75	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
514	11,25	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
515	11,25	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
516	10,75	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
517	11,25	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
518	10,75	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
519	11,25	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
520	10,75	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
521	11,25	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
522	10,75	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
523	10,75	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed

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

Table: Joint Coordinates, Part 2 of 2

Joint	GlobalY m	GlobalZ m	GUID
524	11,25	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
525	11,25	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
526	10,75	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
527	11,25	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
528	10,75	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
529	11,25	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
530	10,75	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
531	11,25	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
532	10,75	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
533	11,25	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
534	10,75	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
535	11,25	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
536	10,75	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
537	11,25	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
538	10,75	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
539	11,25	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
540	10,75	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
541	11,25	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
542	10,75	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
543	11,25	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
544	10,75	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
545	11,25	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
546	10,75	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
547	11,25	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
548	10,75	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
549	11,25	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
550	10,75	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
551	11,25	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
552	10,75	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed

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

Table: Joint Coordinates, Part 2 of 2

Joint	GlobalY m	GlobalZ m	GUID
553	11,25	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
554	10,75	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
555	11,25	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
556	10,75	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
557	11,25	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
622	9	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
623	9,5	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
624	10	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
625	11,5	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
633	10,25	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
634	10,5	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
635	10,75	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
636	11	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
637	11,25	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
646	9	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
647	9,5	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
648	10	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
649	11,5	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
665	9	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
666	9,5	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
667	10	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
668	11,5	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
676	10,25	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
677	10,5	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
678	10,25	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
679	10,5	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
680	10,75	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
681	11	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
682	11,25	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed

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

Table: Joint Coordinates, Part 2 of 2

Joint	GlobalY m	GlobalZ m	GUID
683	10,75	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
684	11	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
685	11,25	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed

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
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
31	G2-RETE	GLOBAL	0	0	-0,5	0	0
32	G2-RETE	GLOBAL	0	0	-0,5	0	0
33	G2-RETE	GLOBAL	0	0	-0,5	0	0
34	G2-RETE	GLOBAL	0	0	-0,5	0	0
35	G2-RETE	GLOBAL	0	0	-0,5	0	0
36	G2-RETE	GLOBAL	0	0	-0,5	0	0
57	G2-GUARDRAIL	GLOBAL	0	0	-0,75	0	0
58	G2-GUARDRAIL	GLOBAL	0	0	-0,75	0	0
59	G2-GUARDRAIL	GLOBAL	0	0	-0,75	0	0
60	G2-GUARDRAIL	GLOBAL	0	0	-0,75	0	0
61	G2-GUARDRAIL	GLOBAL	0	0	-0,75	0	0
62	G2-GUARDRAIL	GLOBAL	0	0	-0,75	0	0
76	G2-GUARDRAIL	GLOBAL	0	0	-0,75	0	0
77	G2-GUARDRAIL	GLOBAL	0	0	-0,75	0	0
78	G2-GUARDRAIL	GLOBAL	0	0	-0,75	0	0
79	G2-GUARDRAIL	GLOBAL	0	0	-0,75	0	0
80	G2-GUARDRAIL	GLOBAL	0	0	-0,75	0	0
81	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
25	G2-RETE	0	9b291f21-e6a0-4312-9835-c6a5fdabdb8a
26	G2-RETE	0	74a32d68-85ad-4586-8f7e-99bb6b88db19
27	G2-RETE	0	309220ca-c14d-4f8a-baca-3dcbf408c7c9
28	G2-RETE	0	d79be715-815e-4429-9da2-51b20de90d1a
29	G2-RETE	0	9b3592f3-01ba-4625-855f-14cbe68462ea

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
30	G2-RETE	0	04f70cb4-e445-4647-a79c-e908ae00c76e
31	G2-RETE	0	f1aa0480-cc51-4ac8-a3e6-7128d4391048
32	G2-RETE	0	f880c5eb-3c86-46fa-9056-3e714f9cbbaf
33	G2-RETE	0	554bdb90-dd99-4452-8e03-ac4bce6b6bad
34	G2-RETE	0	58051484-e0ba-4d4f-8c8a-d1d8f57cdbf9
35	G2-RETE	0	bc05941b-9648-4513-91bb-4912b2870c56
36	G2-RETE	0	a638bc05-1c1b-4b16-852c-49fa9a7d4012
57	G2-GUARDRAIL	0	3697f9f9-1a1a-4e80-bdd3-ebf4f0a62b5c
58	G2-GUARDRAIL	0	b5f63f38-a4b6-4397-a7ba-158288c02967
59	G2-GUARDRAIL	0	b961b240-12d6-4df6-b876-4e81e832572f
60	G2-GUARDRAIL	0	bb206a7a-c246-43c6-8d9d-b7f7aa070fee
61	G2-GUARDRAIL	0	dbfcd16-c233-4397-9242-2bac63311fdc
62	G2-GUARDRAIL	0	ad8d5b57-c86b-4a81-b494-ad16893557a8
76	G2-GUARDRAIL	0	140ab629-e8b7-468b-a4be-b12143cb9992
77	G2-GUARDRAIL	0	51f3f7b7-2e89-4f08-9ff7-6980f37b8e6a
78	G2-GUARDRAIL	0	d597ce46-0e8a-45f6-a01a-2bd4aea7cc1e
79	G2-GUARDRAIL	0	f00a5d56-1cfd-4e33-b0ac-7fde7a991d2a
80	G2-GUARDRAIL	0	0454c594-066b-4905-aeeb-34ed8d2b20d4
81	G2-GUARDRAIL	0	70450b62-0cd1-4097-9d68-938d4fce04e

Table: Joint Restraint Assignments

Table: Joint Restraint Assignments

Joint	U1	U2	U3	R1	R2	R3
95	Yes	Yes	Yes	No	No	No
96	Yes	Yes	Yes	No	No	No
97	Yes	Yes	Yes	No	No	No
98	Yes	Yes	Yes	No	No	No
99	Yes	Yes	Yes	No	No	No
100	Yes	Yes	Yes	No	No	No
114	Yes	Yes	Yes	No	No	No
115	Yes	Yes	Yes	No	No	No
116	Yes	Yes	Yes	No	No	No
117	Yes	Yes	Yes	No	No	No
118	Yes	Yes	Yes	No	No	No

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

Table: Joint Restraint Assignments

Joint	U1	U2	U3	R1	R2	R3
119	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-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	

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

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

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

Material	Notes
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
305	Q5-FOLLA	GLOBAL	Gravity	5
306	Q5-FOLLA	GLOBAL	Gravity	5
330	Q5-FOLLA	GLOBAL	Gravity	5
332	Q5-FOLLA	GLOBAL	Gravity	5
404	Q5-FOLLA	GLOBAL	Gravity	5
405	Q5-FOLLA	GLOBAL	Gravity	5
406	Q5-FOLLA	GLOBAL	Gravity	5
408	Q5-FOLLA	GLOBAL	Gravity	5
592	Q5-FOLLA	GLOBAL	Gravity	5

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

Table: Area Loads - Uniform

Area	LoadPat	CoordSys	Dir	UnifLoad KN/m2
616	Q5-FOLLA	GLOBAL	Gravity	5
617	Q5-FOLLA	GLOBAL	Gravity	5
642	Q5-FOLLA	GLOBAL	Gravity	5
824	Q5-FOLLA	GLOBAL	Gravity	5
829	Q5-FOLLA	GLOBAL	Gravity	5
830	Q5-FOLLA	GLOBAL	Gravity	5
832	Q5-FOLLA	GLOBAL	Gravity	5
1049	G2-PAVIM	GLOBAL	Gravity	3
1049	q1k-A	GLOBAL	Gravity	2,5
1049	q1k-B	GLOBAL	Gravity	9
1050	G2-PAVIM	GLOBAL	Gravity	3
1050	q1k-A	GLOBAL	Gravity	2,5
1050	q1k-B	GLOBAL	Gravity	9
1050	_Q1k-A	GLOBAL	Gravity	100
1050	_Q1k-B	GLOBAL	Gravity	150
1051	G2-PAVIM	GLOBAL	Gravity	3
1051	q1k-A	GLOBAL	Gravity	2,5
1051	q1k-B	GLOBAL	Gravity	9
1051	_Q1k-A	GLOBAL	Gravity	100
1051	_Q1k-B	GLOBAL	Gravity	150
1053	G2-PAVIM	GLOBAL	Gravity	3
1053	q1k-A	GLOBAL	Gravity	2,5
1053	q1k-B	GLOBAL	Gravity	9
1053	_Q1k-A	GLOBAL	Gravity	134
1053	_Q1k-B	GLOBAL	Gravity	200
1069	G2-PAVIM	GLOBAL	Gravity	3
1069	q1k-A	GLOBAL	Gravity	2,5
1069	q1k-B	GLOBAL	Gravity	9
1070	G2-PAVIM	GLOBAL	Gravity	3
1070	q1k-A	GLOBAL	Gravity	2,5
1070	q1k-B	GLOBAL	Gravity	9
1070	_Q1k-A	GLOBAL	Gravity	100
1070	_Q1k-B	GLOBAL	Gravity	150
1071	G2-PAVIM	GLOBAL	Gravity	3
1071	q1k-A	GLOBAL	Gravity	2,5
1071	q1k-B	GLOBAL	Gravity	9
1071	_Q1k-A	GLOBAL	Gravity	100
1071	_Q1k-B	GLOBAL	Gravity	150
1073	G2-PAVIM	GLOBAL	Gravity	3
1073	q1k-A	GLOBAL	Gravity	2,5
1073	q1k-B	GLOBAL	Gravity	9
1073	_Q1k-A	GLOBAL	Gravity	134
1073	_Q1k-B	GLOBAL	Gravity	200
1089	G2-PAVIM	GLOBAL	Gravity	3
1089	q1k-A	GLOBAL	Gravity	2,5
1089	q1k-B	GLOBAL	Gravity	9
1090	G2-PAVIM	GLOBAL	Gravity	3
1090	q1k-A	GLOBAL	Gravity	2,5
1090	q1k-B	GLOBAL	Gravity	9
1090	_Q1k-A	GLOBAL	Gravity	100
1090	_Q1k-B	GLOBAL	Gravity	150
1091	G2-PAVIM	GLOBAL	Gravity	3
1091	q1k-A	GLOBAL	Gravity	2,5

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

Table: Area Loads - Uniform

Area	LoadPat	CoordSys	Dir	UnifLoad KN/m2
1091	q1k-B	GLOBAL	Gravity	9
1091	_Q1k-A	GLOBAL	Gravity	100
1091	_Q1k-B	GLOBAL	Gravity	150
1093	G2-PAVIM	GLOBAL	Gravity	3
1093	q1k-A	GLOBAL	Gravity	2,5
1093	q1k-B	GLOBAL	Gravity	9
1093	_Q1k-A	GLOBAL	Gravity	134
1093	_Q1k-B	GLOBAL	Gravity	200
1109	G2-PAVIM	GLOBAL	Gravity	3
1109	q1k-A	GLOBAL	Gravity	2,5
1109	q1k-B	GLOBAL	Gravity	9
1110	G2-PAVIM	GLOBAL	Gravity	3
1110	q1k-A	GLOBAL	Gravity	2,5
1110	q1k-B	GLOBAL	Gravity	9
1111	G2-PAVIM	GLOBAL	Gravity	3
1111	q1k-A	GLOBAL	Gravity	2,5
1111	q1k-B	GLOBAL	Gravity	9
1113	G2-PAVIM	GLOBAL	Gravity	3
1113	q1k-A	GLOBAL	Gravity	2,5
1113	q1k-B	GLOBAL	Gravity	9
1129	G2-PAVIM	GLOBAL	Gravity	3
1129	q1k-A	GLOBAL	Gravity	2,5
1129	q1k-B	GLOBAL	Gravity	9
1129	q1k-C	GLOBAL	Gravity	9
1130	G2-PAVIM	GLOBAL	Gravity	3
1130	q1k-A	GLOBAL	Gravity	2,5
1130	q1k-B	GLOBAL	Gravity	9
1130	q1k-C	GLOBAL	Gravity	9
1130	_Q1k-C	GLOBAL	Gravity	150
1131	G2-PAVIM	GLOBAL	Gravity	3
1131	q1k-A	GLOBAL	Gravity	2,5
1131	q1k-B	GLOBAL	Gravity	9
1131	q1k-C	GLOBAL	Gravity	9
1131	_Q1k-C	GLOBAL	Gravity	150
1133	G2-PAVIM	GLOBAL	Gravity	3
1133	q1k-A	GLOBAL	Gravity	2,5
1133	q1k-B	GLOBAL	Gravity	9
1133	q1k-C	GLOBAL	Gravity	9
1133	_Q1k-C	GLOBAL	Gravity	200
1149	G2-PAVIM	GLOBAL	Gravity	3
1149	q1k-A	GLOBAL	Gravity	2,5
1149	q1k-B	GLOBAL	Gravity	9
1149	q1k-C	GLOBAL	Gravity	9
1150	G2-PAVIM	GLOBAL	Gravity	3
1150	q1k-A	GLOBAL	Gravity	2,5
1150	q1k-B	GLOBAL	Gravity	9
1150	q1k-C	GLOBAL	Gravity	9
1150	_Q1k-A	GLOBAL	Gravity	100
1150	_Q1k-B	GLOBAL	Gravity	150
1150	_Q1k-C	GLOBAL	Gravity	150
1151	G2-PAVIM	GLOBAL	Gravity	3
1151	q1k-A	GLOBAL	Gravity	2,5
1151	q1k-B	GLOBAL	Gravity	9

AUTOSTRADA VALDASTICO A31 NORD
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Table: Area Loads - Uniform

Area	LoadPat	CoordSys	Dir	UnifLoad KN/m2
1151	q1k-C	GLOBAL	Gravity	9
1151	_Q1k-A	GLOBAL	Gravity	100
1151	_Q1k-B	GLOBAL	Gravity	150
1151	_Q1k-C	GLOBAL	Gravity	150
1153	G2-PAVIM	GLOBAL	Gravity	3
1153	q1k-A	GLOBAL	Gravity	2,5
1153	q1k-B	GLOBAL	Gravity	9
1153	q1k-C	GLOBAL	Gravity	9
1153	_Q1k-A	GLOBAL	Gravity	134
1153	_Q1k-B	GLOBAL	Gravity	200
1153	_Q1k-C	GLOBAL	Gravity	200
1189	G2-PAVIM	GLOBAL	Gravity	3
1189	q1k-A	GLOBAL	Gravity	9
1189	q1k-B	GLOBAL	Gravity	2,5
1189	q1k-C	GLOBAL	Gravity	9
1189	q1k-D	GLOBAL	Gravity	9
1190	G2-PAVIM	GLOBAL	Gravity	3
1190	q1k-A	GLOBAL	Gravity	9
1190	q1k-B	GLOBAL	Gravity	2,5
1190	q1k-C	GLOBAL	Gravity	9
1190	_Q1k-A	GLOBAL	Gravity	150
1190	_Q1k-B	GLOBAL	Gravity	100
1190	_Q1k-D	GLOBAL	Gravity	150
1190	q1k-D	GLOBAL	Gravity	9
1191	G2-PAVIM	GLOBAL	Gravity	3
1191	q1k-A	GLOBAL	Gravity	9
1191	q1k-B	GLOBAL	Gravity	2,5
1191	q1k-C	GLOBAL	Gravity	9
1191	_Q1k-A	GLOBAL	Gravity	150
1191	_Q1k-B	GLOBAL	Gravity	100
1191	_Q1k-D	GLOBAL	Gravity	150
1191	q1k-D	GLOBAL	Gravity	9
1193	G2-PAVIM	GLOBAL	Gravity	3
1193	q1k-A	GLOBAL	Gravity	9
1193	q1k-B	GLOBAL	Gravity	2,5
1193	q1k-C	GLOBAL	Gravity	9
1193	_Q1k-A	GLOBAL	Gravity	200
1193	_Q1k-B	GLOBAL	Gravity	134
1193	q1k-D	GLOBAL	Gravity	9
1193	_Q1k-D	GLOBAL	Gravity	200
1229	G2-PAVIM	GLOBAL	Gravity	3
1229	q1k-A	GLOBAL	Gravity	9
1229	q1k-B	GLOBAL	Gravity	2,5
1229	q1k-C	GLOBAL	Gravity	9
1229	q1k-D	GLOBAL	Gravity	9
1230	G2-PAVIM	GLOBAL	Gravity	3
1230	q1k-A	GLOBAL	Gravity	9
1230	q1k-B	GLOBAL	Gravity	2,5
1230	q1k-C	GLOBAL	Gravity	9
1230	_Q1k-C	GLOBAL	Gravity	150
1230	q1k-D	GLOBAL	Gravity	9
1231	G2-PAVIM	GLOBAL	Gravity	3
1231	q1k-A	GLOBAL	Gravity	9

AUTOSTRADA VALDASTICO A31 NORD
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Table: Area Loads - Uniform

Area	LoadPat	CoordSys	Dir	UnifLoad KN/m2
1231	q1k-B	GLOBAL	Gravity	2,5
1231	q1k-C	GLOBAL	Gravity	9
1231	_Q1k-C	GLOBAL	Gravity	150
1231	q1k-D	GLOBAL	Gravity	9
1233	G2-PAVIM	GLOBAL	Gravity	3
1233	q1k-A	GLOBAL	Gravity	9
1233	q1k-B	GLOBAL	Gravity	2,5
1233	q1k-C	GLOBAL	Gravity	9
1233	_Q1k-C	GLOBAL	Gravity	200
1233	q1k-D	GLOBAL	Gravity	9
1269	G2-PAVIM	GLOBAL	Gravity	3
1269	q1k-A	GLOBAL	Gravity	9
1269	q1k-B	GLOBAL	Gravity	2,5
1269	q1k-D	GLOBAL	Gravity	9
1270	G2-PAVIM	GLOBAL	Gravity	3
1270	q1k-A	GLOBAL	Gravity	9
1270	q1k-B	GLOBAL	Gravity	2,5
1270	_Q1k-A	GLOBAL	Gravity	150
1270	_Q1k-B	GLOBAL	Gravity	100
1270	_Q1k-D	GLOBAL	Gravity	150
1270	q1k-D	GLOBAL	Gravity	9
1271	G2-PAVIM	GLOBAL	Gravity	3
1271	q1k-A	GLOBAL	Gravity	9
1271	q1k-B	GLOBAL	Gravity	2,5
1271	_Q1k-A	GLOBAL	Gravity	150
1271	_Q1k-B	GLOBAL	Gravity	100
1271	_Q1k-D	GLOBAL	Gravity	150
1271	q1k-D	GLOBAL	Gravity	9
1273	G2-PAVIM	GLOBAL	Gravity	3
1273	q1k-A	GLOBAL	Gravity	9
1273	q1k-B	GLOBAL	Gravity	2,5
1273	_Q1k-A	GLOBAL	Gravity	200
1273	_Q1k-B	GLOBAL	Gravity	134
1273	q1k-D	GLOBAL	Gravity	9
1273	_Q1k-D	GLOBAL	Gravity	200
1289	G2-PAVIM	GLOBAL	Gravity	3
1289	q1k-A	GLOBAL	Gravity	9
1289	q1k-B	GLOBAL	Gravity	2,5
1289	q1k-D	GLOBAL	Gravity	9
1290	G2-PAVIM	GLOBAL	Gravity	3
1290	q1k-A	GLOBAL	Gravity	9
1290	q1k-B	GLOBAL	Gravity	2,5
1290	_Q1k-A	GLOBAL	Gravity	150
1290	_Q1k-B	GLOBAL	Gravity	100
1290	_Q1k-D	GLOBAL	Gravity	150
1290	q1k-D	GLOBAL	Gravity	9
1291	G2-PAVIM	GLOBAL	Gravity	3
1291	q1k-A	GLOBAL	Gravity	9
1291	q1k-B	GLOBAL	Gravity	2,5
1291	_Q1k-A	GLOBAL	Gravity	150
1291	_Q1k-B	GLOBAL	Gravity	100
1291	_Q1k-D	GLOBAL	Gravity	150
1291	q1k-D	GLOBAL	Gravity	9

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Table: Area Loads - Uniform

Area	LoadPat	CoordSys	Dir	UnifLoad KN/m2
1293	G2-PAVIM	GLOBAL	Gravity	3
1293	q1k-A	GLOBAL	Gravity	9
1293	q1k-B	GLOBAL	Gravity	2,5
1293	_Q1k-A	GLOBAL	Gravity	200
1293	_Q1k-B	GLOBAL	Gravity	134
1293	q1k-D	GLOBAL	Gravity	9
1293	_Q1k-D	GLOBAL	Gravity	200
1309	G2-PAVIM	GLOBAL	Gravity	3
1309	q1k-A	GLOBAL	Gravity	9
1309	q1k-B	GLOBAL	Gravity	2,5
1310	G2-PAVIM	GLOBAL	Gravity	3
1310	q1k-A	GLOBAL	Gravity	9
1310	q1k-B	GLOBAL	Gravity	2,5
1310	_Q1k-A	GLOBAL	Gravity	150
1310	_Q1k-B	GLOBAL	Gravity	100
1311	G2-PAVIM	GLOBAL	Gravity	3
1311	q1k-A	GLOBAL	Gravity	9
1311	q1k-B	GLOBAL	Gravity	2,5
1311	_Q1k-A	GLOBAL	Gravity	150
1311	_Q1k-B	GLOBAL	Gravity	100
1313	G2-PAVIM	GLOBAL	Gravity	3
1313	q1k-A	GLOBAL	Gravity	9
1313	q1k-B	GLOBAL	Gravity	2,5
1313	_Q1k-A	GLOBAL	Gravity	200
1313	_Q1k-B	GLOBAL	Gravity	134
1564	G2-PAVIM	GLOBAL	Gravity	3
1564	q1k-A	GLOBAL	Gravity	9
1564	q1k-B	GLOBAL	Gravity	2,5
1564	q1k-D	GLOBAL	Gravity	9
1565	G2-PAVIM	GLOBAL	Gravity	3
1565	q1k-A	GLOBAL	Gravity	9
1565	q1k-B	GLOBAL	Gravity	2,5
1565	q1k-D	GLOBAL	Gravity	9
1566	G2-PAVIM	GLOBAL	Gravity	3
1566	q1k-A	GLOBAL	Gravity	9
1566	q1k-B	GLOBAL	Gravity	2,5
1566	q1k-D	GLOBAL	Gravity	9
1567	G2-PAVIM	GLOBAL	Gravity	3
1567	q1k-A	GLOBAL	Gravity	9
1567	q1k-B	GLOBAL	Gravity	2,5
1567	q1k-D	GLOBAL	Gravity	9
1567	_Q1k-D	GLOBAL	Gravity	150
1568	G2-PAVIM	GLOBAL	Gravity	3
1568	q1k-A	GLOBAL	Gravity	9
1568	q1k-B	GLOBAL	Gravity	2,5
1568	q1k-D	GLOBAL	Gravity	9
1569	G2-PAVIM	GLOBAL	Gravity	3
1569	q1k-A	GLOBAL	Gravity	9
1569	q1k-B	GLOBAL	Gravity	2,5
1569	q1k-D	GLOBAL	Gravity	9
1569	_Q1k-D	GLOBAL	Gravity	150
1572	G2-PAVIM	GLOBAL	Gravity	3
1572	q1k-A	GLOBAL	Gravity	9

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Table: Area Loads - Uniform

Area	LoadPat	CoordSys	Dir	UnifLoad KN/m2
1572	q1k-B	GLOBAL	Gravity	2,5
1572	q1k-D	GLOBAL	Gravity	9
1573	G2-PAVIM	GLOBAL	Gravity	3
1573	q1k-A	GLOBAL	Gravity	9
1573	q1k-B	GLOBAL	Gravity	2,5
1573	q1k-D	GLOBAL	Gravity	9
1573	_Q1k-D	GLOBAL	Gravity	200
1610	G2-PAVIM	GLOBAL	Gravity	3
1610	q1k-A	GLOBAL	Gravity	2,5
1610	q1k-B	GLOBAL	Gravity	9
1610	q1k-C	GLOBAL	Gravity	9
1611	G2-PAVIM	GLOBAL	Gravity	3
1611	q1k-A	GLOBAL	Gravity	2,5
1611	q1k-B	GLOBAL	Gravity	9
1611	q1k-C	GLOBAL	Gravity	9
1611	q1k-D	GLOBAL	Gravity	9
1612	G2-PAVIM	GLOBAL	Gravity	3
1612	q1k-A	GLOBAL	Gravity	2,5
1612	q1k-B	GLOBAL	Gravity	9
1612	q1k-C	GLOBAL	Gravity	9
1612	_Q1k-A	GLOBAL	Gravity	100
1612	_Q1k-B	GLOBAL	Gravity	150
1613	G2-PAVIM	GLOBAL	Gravity	3
1613	q1k-A	GLOBAL	Gravity	2,5
1613	q1k-B	GLOBAL	Gravity	9
1613	q1k-C	GLOBAL	Gravity	9
1613	_Q1k-A	GLOBAL	Gravity	100
1613	_Q1k-B	GLOBAL	Gravity	150
1613	_Q1k-D	GLOBAL	Gravity	150
1613	q1k-D	GLOBAL	Gravity	9
1614	G2-PAVIM	GLOBAL	Gravity	3
1614	q1k-A	GLOBAL	Gravity	2,5
1614	q1k-B	GLOBAL	Gravity	9
1614	q1k-C	GLOBAL	Gravity	9
1614	_Q1k-A	GLOBAL	Gravity	100
1614	_Q1k-B	GLOBAL	Gravity	150
1615	G2-PAVIM	GLOBAL	Gravity	3
1615	q1k-A	GLOBAL	Gravity	2,5
1615	q1k-B	GLOBAL	Gravity	9
1615	q1k-C	GLOBAL	Gravity	9
1615	_Q1k-A	GLOBAL	Gravity	100
1615	_Q1k-B	GLOBAL	Gravity	150
1615	_Q1k-D	GLOBAL	Gravity	150
1615	q1k-D	GLOBAL	Gravity	9
1618	G2-PAVIM	GLOBAL	Gravity	3
1618	q1k-A	GLOBAL	Gravity	2,5
1618	q1k-B	GLOBAL	Gravity	9
1618	q1k-C	GLOBAL	Gravity	9
1618	_Q1k-A	GLOBAL	Gravity	134
1618	_Q1k-B	GLOBAL	Gravity	200
1619	G2-PAVIM	GLOBAL	Gravity	3
1619	q1k-A	GLOBAL	Gravity	2,5
1619	q1k-B	GLOBAL	Gravity	9

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Table: Area Loads - Uniform

Area	LoadPat	CoordSys	Dir	UnifLoad KN/m2
1619	q1k-C	GLOBAL	Gravity	9
1619	_Q1k-A	GLOBAL	Gravity	134
1619	_Q1k-B	GLOBAL	Gravity	200
1619	_Q1k-D	GLOBAL	Gravity	200
1619	q1k-D	GLOBAL	Gravity	9
1644	G2-PAVIM	GLOBAL	Gravity	3
1644	q1k-A	GLOBAL	Gravity	9
1644	q1k-B	GLOBAL	Gravity	2,5
1644	q1k-C	GLOBAL	Gravity	9
1644	q1k-D	GLOBAL	Gravity	9
1645	G2-PAVIM	GLOBAL	Gravity	3
1645	q1k-A	GLOBAL	Gravity	9
1645	q1k-B	GLOBAL	Gravity	2,5
1645	q1k-C	GLOBAL	Gravity	9
1645	q1k-D	GLOBAL	Gravity	9
1646	G2-PAVIM	GLOBAL	Gravity	3
1646	q1k-A	GLOBAL	Gravity	9
1646	q1k-B	GLOBAL	Gravity	2,5
1646	q1k-C	GLOBAL	Gravity	9
1646	_Q1k-A	GLOBAL	Gravity	150
1646	_Q1k-B	GLOBAL	Gravity	100
1646	_Q1k-C	GLOBAL	Gravity	150
1646	_Q1k-D	GLOBAL	Gravity	150
1646	q1k-D	GLOBAL	Gravity	9
1647	G2-PAVIM	GLOBAL	Gravity	3
1647	q1k-A	GLOBAL	Gravity	9
1647	q1k-B	GLOBAL	Gravity	2,5
1647	q1k-C	GLOBAL	Gravity	9
1647	_Q1k-A	GLOBAL	Gravity	150
1647	_Q1k-B	GLOBAL	Gravity	100
1647	_Q1k-C	GLOBAL	Gravity	150
1647	q1k-D	GLOBAL	Gravity	9
1648	G2-PAVIM	GLOBAL	Gravity	3
1648	q1k-A	GLOBAL	Gravity	9
1648	q1k-B	GLOBAL	Gravity	2,5
1648	q1k-C	GLOBAL	Gravity	9
1648	_Q1k-A	GLOBAL	Gravity	150
1648	_Q1k-B	GLOBAL	Gravity	100
1648	_Q1k-C	GLOBAL	Gravity	150
1648	_Q1k-D	GLOBAL	Gravity	150
1648	q1k-D	GLOBAL	Gravity	9
1649	G2-PAVIM	GLOBAL	Gravity	3
1649	q1k-A	GLOBAL	Gravity	9
1649	q1k-B	GLOBAL	Gravity	2,5
1649	q1k-C	GLOBAL	Gravity	9
1649	_Q1k-A	GLOBAL	Gravity	150
1649	_Q1k-B	GLOBAL	Gravity	100
1649	_Q1k-C	GLOBAL	Gravity	150
1649	q1k-D	GLOBAL	Gravity	9
1652	G2-PAVIM	GLOBAL	Gravity	3
1652	q1k-A	GLOBAL	Gravity	9
1652	q1k-B	GLOBAL	Gravity	2,5
1652	q1k-C	GLOBAL	Gravity	9

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Table: Area Loads - Uniform

Area	LoadPat	CoordSys	Dir	UnifLoad KN/m2
1652	_Q1k-A	GLOBAL	Gravity	200
1652	_Q1k-B	GLOBAL	Gravity	134
1652	_Q1k-C	GLOBAL	Gravity	200
1652	q1k-D	GLOBAL	Gravity	9
1652	_Q1k-D	GLOBAL	Gravity	200
1653	G2-PAVIM	GLOBAL	Gravity	3
1653	q1k-A	GLOBAL	Gravity	9
1653	q1k-B	GLOBAL	Gravity	2,5
1653	q1k-C	GLOBAL	Gravity	9
1653	_Q1k-A	GLOBAL	Gravity	200
1653	_Q1k-B	GLOBAL	Gravity	134
1653	_Q1k-C	GLOBAL	Gravity	200
1653	q1k-D	GLOBAL	Gravity	9
1680	Q5-FOLLA	GLOBAL	Gravity	5
1681	Q5-FOLLA	GLOBAL	Gravity	5
1682	Q5-FOLLA	GLOBAL	Gravity	5
1683	Q5-FOLLA	GLOBAL	Gravity	5
1688	Q5-FOLLA	GLOBAL	Gravity	5
1689	Q5-FOLLA	GLOBAL	Gravity	5
1690	Q5-FOLLA	GLOBAL	Gravity	5
1691	Q5-FOLLA	GLOBAL	Gravity	5
1694	G2-PAVIM	GLOBAL	Gravity	3
1694	q1k-A	GLOBAL	Gravity	2,5
1694	q1k-B	GLOBAL	Gravity	9
1695	G2-PAVIM	GLOBAL	Gravity	3
1695	q1k-A	GLOBAL	Gravity	2,5
1695	q1k-B	GLOBAL	Gravity	9
1695	_Q1k-A	GLOBAL	Gravity	134
1695	_Q1k-B	GLOBAL	Gravity	200
1696	G2-PAVIM	GLOBAL	Gravity	3
1696	q1k-A	GLOBAL	Gravity	2,5
1696	q1k-B	GLOBAL	Gravity	9
1697	G2-PAVIM	GLOBAL	Gravity	3
1697	q1k-A	GLOBAL	Gravity	2,5
1697	q1k-B	GLOBAL	Gravity	9
1697	_Q1k-A	GLOBAL	Gravity	134
1697	_Q1k-B	GLOBAL	Gravity	200
1698	G2-PAVIM	GLOBAL	Gravity	3
1698	q1k-A	GLOBAL	Gravity	2,5
1698	q1k-B	GLOBAL	Gravity	9
1699	G2-PAVIM	GLOBAL	Gravity	3
1699	q1k-A	GLOBAL	Gravity	2,5
1699	q1k-B	GLOBAL	Gravity	9
1699	_Q1k-A	GLOBAL	Gravity	134
1699	_Q1k-B	GLOBAL	Gravity	200
1700	G2-PAVIM	GLOBAL	Gravity	3
1700	q1k-A	GLOBAL	Gravity	2,5
1700	q1k-B	GLOBAL	Gravity	9
1701	G2-PAVIM	GLOBAL	Gravity	3
1701	q1k-A	GLOBAL	Gravity	2,5
1701	q1k-B	GLOBAL	Gravity	9
1702	G2-PAVIM	GLOBAL	Gravity	3
1702	q1k-A	GLOBAL	Gravity	2,5

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Table: Area Loads - Uniform

Area	LoadPat	CoordSys	Dir	UnifLoad KN/m2
1702	q1k-B	GLOBAL	Gravity	9
1702	q1k-C	GLOBAL	Gravity	9
1703	G2-PAVIM	GLOBAL	Gravity	3
1703	q1k-A	GLOBAL	Gravity	2,5
1703	q1k-B	GLOBAL	Gravity	9
1703	q1k-C	GLOBAL	Gravity	9
1703	_Q1k-C	GLOBAL	Gravity	200
1704	G2-PAVIM	GLOBAL	Gravity	3
1704	q1k-A	GLOBAL	Gravity	2,5
1704	q1k-B	GLOBAL	Gravity	9
1704	q1k-C	GLOBAL	Gravity	9
1705	G2-PAVIM	GLOBAL	Gravity	3
1705	q1k-A	GLOBAL	Gravity	2,5
1705	q1k-B	GLOBAL	Gravity	9
1705	q1k-C	GLOBAL	Gravity	9
1705	_Q1k-A	GLOBAL	Gravity	134
1705	_Q1k-B	GLOBAL	Gravity	200
1705	_Q1k-C	GLOBAL	Gravity	200
1706	G2-PAVIM	GLOBAL	Gravity	3
1706	q1k-A	GLOBAL	Gravity	9
1706	q1k-B	GLOBAL	Gravity	2,5
1706	q1k-C	GLOBAL	Gravity	9
1706	q1k-D	GLOBAL	Gravity	9
1707	G2-PAVIM	GLOBAL	Gravity	3
1707	q1k-A	GLOBAL	Gravity	9
1707	q1k-B	GLOBAL	Gravity	2,5
1707	q1k-C	GLOBAL	Gravity	9
1707	_Q1k-A	GLOBAL	Gravity	200
1707	_Q1k-B	GLOBAL	Gravity	134
1707	q1k-D	GLOBAL	Gravity	9
1707	_Q1k-D	GLOBAL	Gravity	200
1708	G2-PAVIM	GLOBAL	Gravity	3
1708	q1k-A	GLOBAL	Gravity	9
1708	q1k-B	GLOBAL	Gravity	2,5
1708	q1k-C	GLOBAL	Gravity	9
1708	q1k-D	GLOBAL	Gravity	9
1709	G2-PAVIM	GLOBAL	Gravity	3
1709	q1k-A	GLOBAL	Gravity	9
1709	q1k-B	GLOBAL	Gravity	2,5
1709	q1k-C	GLOBAL	Gravity	9
1709	_Q1k-C	GLOBAL	Gravity	200
1709	q1k-D	GLOBAL	Gravity	9
1710	G2-PAVIM	GLOBAL	Gravity	3
1710	q1k-A	GLOBAL	Gravity	9
1710	q1k-B	GLOBAL	Gravity	2,5
1710	q1k-D	GLOBAL	Gravity	9
1711	G2-PAVIM	GLOBAL	Gravity	3
1711	q1k-A	GLOBAL	Gravity	9
1711	q1k-B	GLOBAL	Gravity	2,5
1711	_Q1k-A	GLOBAL	Gravity	200
1711	_Q1k-B	GLOBAL	Gravity	134
1711	q1k-D	GLOBAL	Gravity	9
1711	_Q1k-D	GLOBAL	Gravity	200

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Table: Area Loads - Uniform

Area	LoadPat	CoordSys	Dir	UnifLoad KN/m2
1712	G2-PAVIM	GLOBAL	Gravity	3
1712	q1k-A	GLOBAL	Gravity	9
1712	q1k-B	GLOBAL	Gravity	2,5
1712	q1k-D	GLOBAL	Gravity	9
1713	G2-PAVIM	GLOBAL	Gravity	3
1713	q1k-A	GLOBAL	Gravity	9
1713	q1k-B	GLOBAL	Gravity	2,5
1713	_Q1k-A	GLOBAL	Gravity	200
1713	_Q1k-B	GLOBAL	Gravity	134
1713	q1k-D	GLOBAL	Gravity	9
1713	_Q1k-D	GLOBAL	Gravity	200
1714	G2-PAVIM	GLOBAL	Gravity	3
1714	q1k-A	GLOBAL	Gravity	9
1714	q1k-B	GLOBAL	Gravity	2,5
1715	G2-PAVIM	GLOBAL	Gravity	3
1715	q1k-A	GLOBAL	Gravity	9
1715	q1k-B	GLOBAL	Gravity	2,5
1715	_Q1k-A	GLOBAL	Gravity	200
1715	_Q1k-B	GLOBAL	Gravity	134
1716	G2-PAVIM	GLOBAL	Gravity	3
1716	q1k-A	GLOBAL	Gravity	9
1716	q1k-B	GLOBAL	Gravity	2,5
1716	q1k-D	GLOBAL	Gravity	9
1717	G2-PAVIM	GLOBAL	Gravity	3
1717	q1k-A	GLOBAL	Gravity	9
1717	q1k-B	GLOBAL	Gravity	2,5
1717	q1k-D	GLOBAL	Gravity	9
1718	G2-PAVIM	GLOBAL	Gravity	3
1718	q1k-A	GLOBAL	Gravity	9
1718	q1k-B	GLOBAL	Gravity	2,5
1718	q1k-D	GLOBAL	Gravity	9
1719	G2-PAVIM	GLOBAL	Gravity	3
1719	q1k-A	GLOBAL	Gravity	9
1719	q1k-B	GLOBAL	Gravity	2,5
1719	q1k-D	GLOBAL	Gravity	9
1719	_Q1k-D	GLOBAL	Gravity	200
1720	G2-PAVIM	GLOBAL	Gravity	3
1720	q1k-A	GLOBAL	Gravity	2,5
1720	q1k-B	GLOBAL	Gravity	9
1720	q1k-C	GLOBAL	Gravity	9
1721	G2-PAVIM	GLOBAL	Gravity	3
1721	q1k-A	GLOBAL	Gravity	2,5
1721	q1k-B	GLOBAL	Gravity	9
1721	q1k-C	GLOBAL	Gravity	9
1721	_Q1k-A	GLOBAL	Gravity	134
1721	_Q1k-B	GLOBAL	Gravity	200
1722	G2-PAVIM	GLOBAL	Gravity	3
1722	q1k-A	GLOBAL	Gravity	2,5
1722	q1k-B	GLOBAL	Gravity	9
1722	q1k-C	GLOBAL	Gravity	9
1722	q1k-D	GLOBAL	Gravity	9
1723	G2-PAVIM	GLOBAL	Gravity	3
1723	q1k-A	GLOBAL	Gravity	2,5

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Table: Area Loads - Uniform

Area	LoadPat	CoordSys	Dir	UnifLoad KN/m2
1723	q1k-B	GLOBAL	Gravity	9
1723	q1k-C	GLOBAL	Gravity	9
1723	_Q1k-A	GLOBAL	Gravity	134
1723	_Q1k-B	GLOBAL	Gravity	200
1723	_Q1k-D	GLOBAL	Gravity	200
1723	q1k-D	GLOBAL	Gravity	9
1724	G2-PAVIM	GLOBAL	Gravity	3
1724	q1k-A	GLOBAL	Gravity	9
1724	q1k-B	GLOBAL	Gravity	2,5
1724	q1k-C	GLOBAL	Gravity	9
1724	q1k-D	GLOBAL	Gravity	9
1725	G2-PAVIM	GLOBAL	Gravity	3
1725	q1k-A	GLOBAL	Gravity	9
1725	q1k-B	GLOBAL	Gravity	2,5
1725	q1k-C	GLOBAL	Gravity	9
1725	_Q1k-A	GLOBAL	Gravity	200
1725	_Q1k-B	GLOBAL	Gravity	134
1725	_Q1k-C	GLOBAL	Gravity	200
1725	q1k-D	GLOBAL	Gravity	9
1725	_Q1k-D	GLOBAL	Gravity	200
1726	G2-PAVIM	GLOBAL	Gravity	3
1726	q1k-A	GLOBAL	Gravity	9
1726	q1k-B	GLOBAL	Gravity	2,5
1726	q1k-C	GLOBAL	Gravity	9
1726	q1k-D	GLOBAL	Gravity	9
1727	G2-PAVIM	GLOBAL	Gravity	3
1727	q1k-A	GLOBAL	Gravity	9
1727	q1k-B	GLOBAL	Gravity	2,5
1727	q1k-C	GLOBAL	Gravity	9
1727	_Q1k-A	GLOBAL	Gravity	200
1727	_Q1k-B	GLOBAL	Gravity	134
1727	_Q1k-C	GLOBAL	Gravity	200
1727	q1k-D	GLOBAL	Gravity	9

Table: Area Section Assignments

Table: Area Section Assignments

Area	Section	MatProp
124	MARCIAPIEDI	Default
148	MARCIAPIEDI	Default
149	MARCIAPIEDI	Default
174	MARCIAPIEDI	Default
305	MARCIAPIEDI	Default
306	MARCIAPIEDI	Default
330	MARCIAPIEDI	Default
332	MARCIAPIEDI	Default
404	MARCIAPIEDI	Default
405	MARCIAPIEDI	Default
406	MARCIAPIEDI	Default
408	MARCIAPIEDI	Default
447	MARCIAPIEDI	Default

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Table: Area Section Assignments

Area	Section	MatProp
448	MARCIAPIEDI	Default
449	MARCIAPIEDI	Default
451	MARCIAPIEDI	Default
467	MARCIAPIEDI	Default
468	MARCIAPIEDI	Default
469	MARCIAPIEDI	Default
471	MARCIAPIEDI	Default
592	MARCIAPIEDI	Default
616	MARCIAPIEDI	Default
617	MARCIAPIEDI	Default
642	MARCIAPIEDI	Default
824	MARCIAPIEDI	Default
829	MARCIAPIEDI	Default
830	MARCIAPIEDI	Default
832	MARCIAPIEDI	Default
1029	MARCIAPIEDI	Default
1030	MARCIAPIEDI	Default
1031	MARCIAPIEDI	Default
1033	MARCIAPIEDI	Default
1049	SOLETTA	Default
1050	SOLETTA	Default
1051	SOLETTA	Default
1053	SOLETTA	Default
1069	SOLETTA	Default
1070	SOLETTA	Default
1071	SOLETTA	Default
1073	SOLETTA	Default
1089	SOLETTA	Default
1090	SOLETTA	Default
1091	SOLETTA	Default
1093	SOLETTA	Default
1109	SOLETTA	Default
1110	SOLETTA	Default
1111	SOLETTA	Default
1113	SOLETTA	Default
1129	SOLETTA	Default
1130	SOLETTA	Default
1131	SOLETTA	Default
1133	SOLETTA	Default
1149	SOLETTA	Default
1150	SOLETTA	Default
1151	SOLETTA	Default
1153	SOLETTA	Default
1189	SOLETTA	Default
1190	SOLETTA	Default
1191	SOLETTA	Default
1193	SOLETTA	Default
1229	SOLETTA	Default
1230	SOLETTA	Default
1231	SOLETTA	Default
1233	SOLETTA	Default
1269	SOLETTA	Default
1270	SOLETTA	Default

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Table: Area Section Assignments

Area	Section	MatProp
1271	SOLETTA	Default
1273	SOLETTA	Default
1289	SOLETTA	Default
1290	SOLETTA	Default
1291	SOLETTA	Default
1293	SOLETTA	Default
1309	SOLETTA	Default
1310	SOLETTA	Default
1311	SOLETTA	Default
1313	SOLETTA	Default
1564	SOLETTA	Default
1565	SOLETTA	Default
1566	SOLETTA	Default
1567	SOLETTA	Default
1568	SOLETTA	Default
1569	SOLETTA	Default
1572	SOLETTA	Default
1573	SOLETTA	Default
1610	SOLETTA	Default
1611	SOLETTA	Default
1612	SOLETTA	Default
1613	SOLETTA	Default
1614	SOLETTA	Default
1615	SOLETTA	Default
1618	SOLETTA	Default
1619	SOLETTA	Default
1644	SOLETTA	Default
1645	SOLETTA	Default
1646	SOLETTA	Default
1647	SOLETTA	Default
1648	SOLETTA	Default
1649	SOLETTA	Default
1652	SOLETTA	Default
1653	SOLETTA	Default
1678	MARCIAPIEDI	Default
1679	MARCIAPIEDI	Default
1680	MARCIAPIEDI	Default
1681	MARCIAPIEDI	Default
1682	MARCIAPIEDI	Default
1683	MARCIAPIEDI	Default
1684	MARCIAPIEDI	Default
1685	MARCIAPIEDI	Default
1686	MARCIAPIEDI	Default
1687	MARCIAPIEDI	Default
1688	MARCIAPIEDI	Default
1689	MARCIAPIEDI	Default
1690	MARCIAPIEDI	Default
1691	MARCIAPIEDI	Default
1692	MARCIAPIEDI	Default
1693	MARCIAPIEDI	Default
1694	SOLETTA	Default
1695	SOLETTA	Default
1696	SOLETTA	Default

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Table: Area Section Assignments

Area	Section	MatProp
1697	SOLETTA	Default
1698	SOLETTA	Default
1699	SOLETTA	Default
1700	SOLETTA	Default
1701	SOLETTA	Default
1702	SOLETTA	Default
1703	SOLETTA	Default
1704	SOLETTA	Default
1705	SOLETTA	Default
1706	SOLETTA	Default
1707	SOLETTA	Default
1708	SOLETTA	Default
1709	SOLETTA	Default
1710	SOLETTA	Default
1711	SOLETTA	Default
1712	SOLETTA	Default
1713	SOLETTA	Default
1714	SOLETTA	Default
1715	SOLETTA	Default
1716	SOLETTA	Default
1717	SOLETTA	Default
1718	SOLETTA	Default
1719	SOLETTA	Default
1720	SOLETTA	Default
1721	SOLETTA	Default
1722	SOLETTA	Default
1723	SOLETTA	Default
1724	SOLETTA	Default
1725	SOLETTA	Default
1726	SOLETTA	Default
1727	SOLETTA	Default

Table: Area Section Properties, Part 1 of 4

Table: Area Section Properties, Part 1 of 4

Section	Material	MatAngle Degrees	AreaType	Type	DrillIDOF	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
MARCIA-PIEDI			Magenta	449,867	45,87	1	1
SOLETTA			Green	464,863	47,4	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		

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-A	Load pattern	_Q1k-A	1
_Q1k-B	Load pattern	_Q1k-B	1
q1k-B	Load pattern	q1k-B	1
q1k-C	Load pattern	q1k-C	1
_Q1k-C	Load pattern	_Q1k-C	1
_Q1k-D	Load pattern	_Q1k-D	1
q1k-D	Load pattern	q1k-D	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	

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Table: Combination Definitions, Part 1 of 3

ComboName	ComboType	AutoDesign	CaseType	CaseName	ScaleFactor	SteelDesign
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	
SLE-B	Linear Add	No	Linear Static	G1	1	None
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	
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-D			Linear Static	Q5-FOLLA	0,675	
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	
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-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	

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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			
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			
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-D	Q5-FOLLA			
SLU-ENVE	SLU-A	None	None	None
SLU-ENVE	SLU-B			
SLU-ENVE	SLU-C			
SLU-ENVE	SLU-D			

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Table: Combination Definitions, Part 2 of 3

ComboName	CaseName	ConcDesign	AlumDesign	ColdDesign
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-ENVE	SLE-A	None	None	None
SLE-ENVE	SLE-B			
SLE-ENVE	SLE-C			
SLE-ENVE	SLE-D			

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		
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		
SLE-B	G1	6443fcf0-39af-48c4-9eea-893ddf33ecdf	
SLE-B	G2-RETE		
SLE-B	G2-GUARDRAIL		
SLE-B	G2-PAVIM		

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Table: Combination Definitions, Part 3 of 3

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

Table: Connectivity - Area, Part 1 of 2

Table: Connectivity - Area, Part 1 of 2

Area	NumJoints	Joint1	Joint2	Joint3	Joint4	Perimeter m	AreaArea m2
124	4	74	247	230	73	2	0,25
148	4	73	230	213	72	2	0,25
149	4	72	213	196	71	2	0,25
174	4	70	179	163	5	2	0,25
305	4	247	248	231	230	2	0,25
306	4	230	231	214	213	2	0,25
330	4	213	214	197	196	2	0,25
332	4	179	180	161	163	2	0,25
404	4	248	249	232	231	2	0,25
405	4	231	232	215	214	2	0,25
406	4	214	215	198	197	2	0,25

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Table: Connectivity - Area, Part 1 of 2

Area	NumJoints	Joint1	Joint2	Joint3	Joint4	Perimeter m	AreaArea m2
408	4	180	181	159	161	2	0,25
447	4	249	22	20	232	2	0,25
448	4	232	20	18	215	2	0,25
449	4	215	18	16	198	2	0,25
451	4	181	14	7	159	2	0,25
467	4	21	233	216	19	2	0,25
468	4	19	216	199	17	2	0,25
469	4	17	199	182	15	2	0,25
471	4	13	165	157	1	2	0,25
592	4	233	234	217	216	2	0,25
616	4	216	217	200	199	2	0,25
617	4	199	200	183	182	2	0,25
642	4	165	166	155	157	2	0,25
824	4	234	235	218	217	2	0,25
829	4	217	218	201	200	2	0,25
830	4	200	201	184	183	2	0,25
832	4	166	167	153	155	2	0,25
1029	4	235	55	54	218	2	0,25
1030	4	218	54	53	201	2	0,25
1031	4	201	53	52	184	2	0,25
1033	4	167	51	3	153	2	0,25
1049	4	55	93	92	54	1,500042	0,12501
1050	4	54	92	91	53	1,500042	0,12501
1051	4	53	91	90	52	1,500042	0,12501
1053	4	51	89	9	3	1,500042	0,12501
1069	4	93	236	219	92	1,499958	0,12499
1070	4	92	219	202	91	1,499958	0,12499
1071	4	91	202	185	90	1,499958	0,12499
1073	4	89	168	133	9	1,499958	0,12499
1089	4	236	237	220	219	2	0,25
1090	4	219	220	203	202	2	0,25
1091	4	202	203	186	185	2	0,25
1093	4	168	169	149	133	2	0,25
1109	4	237	238	221	220	2	0,25
1110	4	220	221	204	203	2	0,25
1111	4	203	204	187	186	2	0,25
1113	4	169	170	147	149	2	0,25
1129	4	238	239	222	221	2	0,25
1130	4	221	222	205	204	2	0,25
1131	4	204	205	188	187	2	0,25
1133	4	170	171	145	147	2	0,25
1149	4	239	240	223	222	2	0,25
1150	4	222	223	206	205	2	0,25
1151	4	205	206	189	188	2	0,25
1153	4	171	172	131	145	2	0,25
1189	4	241	242	225	224	2	0,25
1190	4	224	225	208	207	2	0,25
1191	4	207	208	191	190	2	0,25
1193	4	173	174	129	151	2	0,25
1229	4	243	244	227	226	2	0,25
1230	4	226	227	210	209	2	0,25
1231	4	209	210	193	192	2	0,25
1233	4	175	176	141	143	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 m	AreaArea m2
1269	4	245	246	229	228	2	0,25
1270	4	228	229	212	211	2	0,25
1271	4	211	212	195	194	2	0,25
1273	4	177	178	127	139	2	0,25
1289	4	246	112	111	229	1,500062	0,125016
1290	4	229	111	110	212	1,500062	0,125016
1291	4	212	110	109	195	1,500062	0,125016
1293	4	178	108	11	127	1,500062	0,125016
1309	4	112	74	73	111	1,499938	0,124984
1310	4	111	73	72	110	1,499938	0,124984
1311	4	110	72	71	109	1,499938	0,124984
1313	4	108	70	5	11	1,499938	0,124984
1564	4	244	627	628	227	1,5	0,125
1565	4	627	245	228	628	1,5	0,125
1566	4	227	628	629	210	1,5	0,125
1567	4	628	228	211	629	1,5	0,125
1568	4	210	629	630	193	1,5	0,125
1569	4	629	211	194	630	1,5	0,125
1572	4	176	631	632	141	1,5	0,125
1573	4	631	177	139	632	1,5	0,125
1610	4	240	651	652	223	1,5	0,125
1611	4	651	241	224	652	1,5	0,125
1612	4	223	652	653	206	1,5	0,125
1613	4	652	224	207	653	1,5	0,125
1614	4	206	653	654	189	1,5	0,125
1615	4	653	207	190	654	1,5	0,125
1618	4	172	655	656	131	1,5	0,125
1619	4	655	173	151	656	1,5	0,125
1644	4	242	670	671	225	1,5	0,125
1645	4	670	243	226	671	1,5	0,125
1646	4	225	671	672	208	1,5	0,125
1647	4	671	226	209	672	1,5	0,125
1648	4	208	672	673	191	1,5	0,125
1649	4	672	209	192	673	1,5	0,125
1652	4	174	674	675	129	1,5	0,125
1653	4	674	175	143	675	1,5	0,125
1678	4	71	196	686	687	1,5	0,125
1679	4	687	686	179	70	1,5	0,125
1680	4	196	197	688	686	1,5	0,125
1681	4	686	688	180	179	1,5	0,125
1682	4	197	198	689	688	1,5	0,125
1683	4	688	689	181	180	1,5	0,125
1684	4	198	16	690	689	1,5	0,125
1685	4	689	690	14	181	1,5	0,125
1686	4	15	182	691	692	1,5	0,125
1687	4	692	691	165	13	1,5	0,125
1688	4	182	183	693	691	1,5	0,125
1689	4	691	693	166	165	1,5	0,125
1690	4	183	184	694	693	1,5	0,125
1691	4	693	694	167	166	1,5	0,125
1692	4	184	52	695	694	1,5	0,125
1693	4	694	695	51	167	1,5	0,125
1694	4	52	90	696	695	1,000042	0,062505

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
1695	4	695	696	89	51	1,000042	0,062505
1696	4	90	185	697	696	0,999958	0,062495
1697	4	696	697	168	89	0,999958	0,062495
1698	4	185	186	698	697	1,5	0,125
1699	4	697	698	169	168	1,5	0,125
1700	4	186	187	699	698	1,5	0,125
1701	4	698	699	170	169	1,5	0,125
1702	4	187	188	700	699	1,5	0,125
1703	4	699	700	171	170	1,5	0,125
1704	4	188	189	701	700	1,5	0,125
1705	4	700	701	172	171	1,5	0,125
1706	4	190	191	702	703	1,5	0,125
1707	4	703	702	174	173	1,5	0,125
1708	4	192	193	704	705	1,5	0,125
1709	4	705	704	176	175	1,5	0,125
1710	4	194	195	706	707	1,5	0,125
1711	4	707	706	178	177	1,5	0,125
1712	4	195	109	708	706	1,000062	0,062508
1713	4	706	708	108	178	1,000062	0,062508
1714	4	109	71	687	708	0,999938	0,062492
1715	4	708	687	70	108	0,999938	0,062492
1716	4	193	630	709	704	1	0,0625
1717	4	704	709	631	176	1	0,0625
1718	4	630	194	707	709	1	0,0625
1719	4	709	707	177	631	1	0,0625
1720	4	189	654	710	701	1	0,0625
1721	4	701	710	655	172	1	0,0625
1722	4	654	190	703	710	1	0,0625
1723	4	710	703	173	655	1	0,0625
1724	4	191	673	711	702	1	0,0625
1725	4	702	711	674	174	1	0,0625
1726	4	673	192	705	711	1	0,0625
1727	4	711	705	175	674	1	0,0625

Table: Connectivity - Area, Part 2 of 2

Table: Connectivity - Area, Part 2 of 2

Area	Volume m3	CentroidX m	CentroidY m	CentroidZ m	GUID
124	0,1125	13,25	12,75	0	fae70705-5cda-4458-80f8-659eb515373d
148	0,1125	13,25	13,25	0	3f9d9076-2c6b-4fde-9871-370f97be9f8e
149	0,1125	13,25	13,75	0	7f28e076-7cc5-4dae-8ce6-1999f250f060
174	0,1125	13,25	14,75	0	d0d5ee25-4301-4a62-8d60-bff261642b3d
305	0,1125	13,75	12,75	0	6cb571d8-bbde-4162-a1d2-a3cc99910670
306	0,1125	13,75	13,25	0	f27b77f8-c875-44de-8b19-d1c73eb1abe3
330	0,1125	13,75	13,75	0	9b9f4f70-8641-42e9-89bf-c6aaed123b5d

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
332	0,1125	13,75	14,75	0	c0329276-4f02-4e90-876d-3c634ee7292a
404	0,1125	14,25	12,75	0	8cf8c597-030c-489c-af33-879b35b3276e
405	0,1125	14,25	13,25	0	73c0c9f4-028f-47f4-bdfd-2d3bfc1025ac
406	0,1125	14,25	13,75	0	e4c66cf6-4b08-4998-9ca5-445f90d58643
408	0,1125	14,25	14,75	0	9149cce3-d09a-4e5c-9018-4dbafd0006e7
447	0,1125	14,75	12,75	0	ad0801af-f55d-4427-beeb-923e9221bb98
448	0,1125	14,75	13,25	0	dd3a92be-0263-499b-babc-96f163e36101
449	0,1125	14,75	13,75	0	971911c6-4a55-41e3-9d14-3403768e3a5e
451	0,1125	14,75	14,75	0	2ef1956a-2703-4f80-a14c-5dcac11901e0
467	0,1125	5,25	12,75	0	85ad7445-27dc-4bba-8c38-500e59fe718e
468	0,1125	5,25	13,25	0	f6d6ef40-9694-420d-baaa-2ce597907c09
469	0,1125	5,25	13,75	0	81a63cf5-d64f-4f3b-9d1b-bbd949f584e3
471	0,1125	5,25	14,75	0	87b0451b-840c-4609-9dfd-822efb5ff0bc
592	0,1125	5,75	12,75	0	5a14f4ea-11d6-440e-9043-cbc5e6c09a80
616	0,1125	5,75	13,25	0	bf5d9c8c-aa27-46a8-9a82-c462e8c6f710
617	0,1125	5,75	13,75	0	8d84bcda-2a44-44c6-a691-33e6b4447ee0
642	0,1125	5,75	14,75	0	9de0f896-c017-41ec-a2ca-2d74ddc1ae49
824	0,1125	6,25	12,75	0	03bbe0b3-5c7d-4147-a9ca-43e8d1deae89
829	0,1125	6,25	13,25	0	966033a6-8eed-466e-aac6-659d5c86a6ff
830	0,1125	6,25	13,75	0	a0df9068-1d2b-491a-9995-b3258b0d8466
832	0,1125	6,25	14,75	0	7513981e-6b15-40aa-9a3b-38e460084e27
1029	0,1125	6,75	12,75	0	aa6fcb69-d711-40e4-b877-46d4878ab02b
1030	0,1125	6,75	13,25	0	c8c9c6b2-d1ba-4988-9758-94427aed0d1c
1031	0,1125	6,75	13,75	0	ec468ba2-0a84-4ecf-9b71-6cda008f5ffd
1033	0,1125	6,75	14,75	0	a44168cc-0b8a-4163-94af-0d8cfa3662b7
1049	0,038753	7,12501	12,75	0	c4c3b381-72f5-4939-aba1-10f459fecacd
1050	0,038753	7,12501	13,25	0	870598c9-942b-4a56-91ca-c1518f36990e
1051	0,038753	7,12501	13,75	0	72d8d84c-bad2-4144-b459-a9a7153de440
1053	0,038753	7,12501	14,75	0	9ec4ad5b-4b61-4fa2-8782-67a8ccf82900

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
1069	0,038747	7,37501	12,75	0	4c3e1a44-5e83-4942-ae6f-70246d0a8201
1070	0,038747	7,37501	13,25	0	1db476a6-92c4-4edf-b664-2c8743961c45
1071	0,038747	7,37501	13,75	0	6fd49afb-33fd-4f55-9594-149b8e6dbc8
1073	0,038747	7,37501	14,75	0	b233f895-adbe-4a4a-9d0c-cbf62ff81064
1089	0,0775	7,75	12,75	0	85b75d9b-324e-4622-a221-69016165cd41
1090	0,0775	7,75	13,25	0	8ec8a939-0332-432b-915b-e148af39b4bb
1091	0,0775	7,75	13,75	0	09f6fec8-1bb8-43a7-ba7e-8a8b26745752
1093	0,0775	7,75	14,75	0	efdcb6-bd93-4713-8579-a60fb45fda5a
1109	0,0775	8,25	12,75	0	61f6a715-3f1d-46e0-96f0-92f0dca56e5a
1110	0,0775	8,25	13,25	0	3b0589dc-07a1-46ca-a9a4-a304f70e2027
1111	0,0775	8,25	13,75	0	5482f2bc-488b-43bc-a872-2d3b0d342917
1113	0,0775	8,25	14,75	0	0f22428d-339c-4df0-ba69-3ed9b6988d04
1129	0,0775	8,75	12,75	0	1b23add3-10a4-4f6f-a7e4-8f1c635ee645
1130	0,0775	8,75	13,25	0	85af5ca9-ba6a-4a46-8e4b-3f42e4825535
1131	0,0775	8,75	13,75	0	fc12c8c-9f2d-404c-8d3f-bc2b318502e4
1133	0,0775	8,75	14,75	0	5d96d726-0e61-448c-be8d-ee76b2910420
1149	0,0775	9,25	12,75	0	c88b202a-9cc0-422a-b109-8aacad5741e9
1150	0,0775	9,25	13,25	0	26af52b7-e74a-4b31-afe4-8ca465d31337
1151	0,0775	9,25	13,75	0	40f8e236-8609-451a-877f-0f122c98d62e
1153	0,0775	9,25	14,75	0	5f74174a-2551-48a3-b547-706d5b7a3721
1189	0,0775	10,25	12,75	0	ec602bbb-abb1-421f-98ba-8cc6d7ba0c13
1190	0,0775	10,25	13,25	0	2e39d8a7-2d4a-46ca-9ea2-1a3a72c5b42f
1191	0,0775	10,25	13,75	0	7e1edfba-7908-4b20-835b-47f4e643644d
1193	0,0775	10,25	14,75	0	83dcb890-f2cb-468e-8a5d-9c68027a0489
1229	0,0775	11,25	12,75	0	4ca952a2-bf4e-4cf9-875c-5dc0678d6236
1230	0,0775	11,25	13,25	0	1c49103f-a8b8-41c0-b990-9a028e2a3ec3
1231	0,0775	11,25	13,75	0	e5246cd8-0905-4c91-ab75-ce0be76fb259
1233	0,0775	11,25	14,75	0	f52c47b8-dceb-4c68-a3b4-85de59148a3e
1269	0,0775	12,25	12,75	0	d6d4f6e0-624b-4fec-b6d2-fbb666a3c938

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
1270	0,0775	12,25	13,25	0	74ee2152-97d7-481d-81a7-aa66a96af0f6
1271	0,0775	12,25	13,75	0	98a1b3d0-140b-4f42-95f6-6f7dba7262aa
1273	0,0775	12,25	14,75	0	1cf6fe4a-30de-4544-b6de-7d6f43c07cc6
1289	0,038755	12,62502	12,75	0	c9b93049-cc22-4460-a976-c0f630ebe868
1290	0,038755	12,62502	13,25	0	b0f6518e-ce20-4a21-9d8b-1786fdaa8d54
1291	0,038755	12,62502	13,75	0	1b0b0ea3-0c33-4a33-b254-620b8d01fcff
1293	0,038755	12,62502	14,75	0	138512b6-dc02-42ab-bf02-d848424cf569
1309	0,038745	12,87502	12,75	0	45c36442-5737-4087-bb70-0ff3b42714f0
1310	0,038745	12,87502	13,25	0	f6d3ed1e-88ea-4997-8fca-d7901fcbd232
1311	0,038745	12,87502	13,75	0	31b9e6ef-fa8a-4ad9-aaaf-5dcd5a53de1d
1313	0,038745	12,87502	14,75	0	cf3b384e-895f-4ff8-8acd-4b2a3c3ba53b
1564	0,03875	11,625	12,75	0	5faeb4a6-8b3a-40e3-92b4-5f99a94d0aa5
1565	0,03875	11,875	12,75	0	d183654e-e26d-42e6-a83d-b6b547c2ac7a
1566	0,03875	11,625	13,25	0	e240b0c6-3b56-4ebb-8560-966e33f2f5c3
1567	0,03875	11,875	13,25	0	82e7faf8-edff-4a58-b9fd-549031cfa1dd
1568	0,03875	11,625	13,75	0	a0c69290-ad40-4d9e-87b7-2438a499cf8a
1569	0,03875	11,875	13,75	0	aeaf2642-4b9f-4e70-8e10-46c57173c5a7
1572	0,03875	11,625	14,75	0	f153f4c7-7543-44df-9ef0-d9f8ec8a26f8
1573	0,03875	11,875	14,75	0	3213e0c8-5a5b-4f9b-af5d-3f572cdfd9b8
1610	0,03875	9,625	12,75	0	bc7731d9-5603-47c9-afea-6c5f49914127
1611	0,03875	9,875	12,75	0	ad654b85-0ab4-435a-b7d5-4d9fe61c3e1a
1612	0,03875	9,625	13,25	0	11798c3a-62e1-41ae-bd75-d1f811dbfa9f
1613	0,03875	9,875	13,25	0	9e21214b-538a-4da6-95dc-0f4248e5d3a7
1614	0,03875	9,625	13,75	0	d7cc8ab9-0f5a-4db2-abba-5507354e635c
1615	0,03875	9,875	13,75	0	10ee2687-3f4e-4024-af21-ab6122e80016
1618	0,03875	9,625	14,75	0	6f2234a7-576b-4317-aa50-273135cf9d40
1619	0,03875	9,875	14,75	0	88abfbab-1e78-4b96-a727-1589fed6d7b1
1644	0,03875	10,625	12,75	0	9636423a-ecce-4070-82e4-5a0189ae5f82
1645	0,03875	10,875	12,75	0	15644b16-10f4-46de-ad84-efd986901992

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
1646	0,03875	10,625	13,25	0	96c0fc14-9737-49ac-8f4a-76d3e8ac01b6
1647	0,03875	10,875	13,25	0	0deef1a4-1148-4ac1-a889-a4242dda557
1648	0,03875	10,625	13,75	0	98d826eb-0c9f-42db-80b9-5b00c4e20911
1649	0,03875	10,875	13,75	0	62c2fe42-3454-4a1d-ac9f-07570470dbe4
1652	0,03875	10,625	14,75	0	c0dcf309-1fe4-4577-954c-af99eccc38bd
1653	0,03875	10,875	14,75	0	79d7856a-5932-4145-8e39-e73fcb6aefb4
1678	0,05625	13,25	14,125	0	fc6b6373-58af-43df-b484-a7091db9b58a
1679	0,05625	13,25	14,375	0	d0d9ba5b-088b-4cb0-8f6e-3a6912d3509c
1680	0,05625	13,75	14,125	0	4b5a87ac-6f94-413c-a5aa-35400e0f511f
1681	0,05625	13,75	14,375	0	7be452fc-0b06-4ef9-870e-d26cac4207a0
1682	0,05625	14,25	14,125	0	75705424-57e7-4650-8470-3db860029fe5
1683	0,05625	14,25	14,375	0	2184138f-59af-4ebf-8e7e-d2a9cf4b6d69
1684	0,05625	14,75	14,125	0	ccb5c6aa-3e51-4a77-88fa-ea83f8e856c7
1685	0,05625	14,75	14,375	0	bab4e992-8727-4f45-98b5-22dda73ac1e2
1686	0,05625	5,25	14,125	0	31015d67-43e4-4482-b0dc-dba0451dec89
1687	0,05625	5,25	14,375	0	6d328d58-4d72-4378-b8db-24f257697f96
1688	0,05625	5,75	14,125	0	67c6a0ce-9788-4a10-b763-affe330bd3c5
1689	0,05625	5,75	14,375	0	c4fd3b52-8ebe-4793-9769-8ffdc7dec0b
1690	0,05625	6,25	14,125	0	b77e8e6e-baa5-4319-ad6f-441fcc02c1ca
1691	0,05625	6,25	14,375	0	4dfbbdde-a726-407e-b0eb-c3422a66b2d2
1692	0,05625	6,75	14,125	0	4333d87e-003a-4b26-922a-0a894f2f89db
1693	0,05625	6,75	14,375	0	fb5897fd-8953-4b14-aa55-670906670101
1694	0,019377	7,12501	14,125	0	1b11dce3-2431-4c5c-b819-9a320fb04089
1695	0,019377	7,12501	14,375	0	2aada1ce-f25e-4423-a146-d46aec5d6579
1696	0,019373	7,37501	14,125	0	9a51e92f-688e-4314-9215-3d3dc2ffee35
1697	0,019373	7,37501	14,375	0	88002984-d924-4ce2-ada2-50ffc0d20b64
1698	0,03875	7,75	14,125	0	cb41311c-b93e-43ad-9573-47fafb41f1c6
1699	0,03875	7,75	14,375	0	736246fb-01c1-4c90-a5d2-b59389af0d00
1700	0,03875	8,25	14,125	0	f986f8e1-a761-4d63-9c95-d0ac69ded964

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
1701	0,03875	8,25	14,375	0	5683faee-0a3b-472a-9804-057390f50aad
1702	0,03875	8,75	14,125	0	14560fba-4d03-4387-9795-b3ac7599b622
1703	0,03875	8,75	14,375	0	2006d8fc-2de6-4749-9f06-719867db7e01
1704	0,03875	9,25	14,125	0	35148c7d-d4cb-44b3-9057-8e34f9798da1
1705	0,03875	9,25	14,375	0	4867d87e-57b1-476a-a0b2-f273649808b8
1706	0,03875	10,25	14,125	0	48361467-7e76-4e21-bb98-2141019f8d0c
1707	0,03875	10,25	14,375	0	86da0ebf-2b8d-4a66-943b-2f7f42e3668c
1708	0,03875	11,25	14,125	0	b0631eb1-8be4-4b35-84aa-039fc1fd91cf
1709	0,03875	11,25	14,375	0	ae82d72d-857a-4076-b3e3-8baa11411a85
1710	0,03875	12,25	14,125	0	1f7357d2-e3d4-4d81-865d-fa9ca37872b0
1711	0,03875	12,25	14,375	0	3427035f-c133-4a04-9e84-cd4148d9562f
1712	0,019377	12,62502	14,125	0	1eef95ba-6ad0-4fb7-9cbd-69b50a0632cc
1713	0,019377	12,62502	14,375	0	5f4d2df7-0850-4c75-89e7-85c0be1fcb2d
1714	0,019373	12,87502	14,125	0	0c5c9fe8-7720-4339-9435-f1ad8e72cc38
1715	0,019373	12,87502	14,375	0	22dd162a-5036-4963-8172-9415c45e6b83
1716	0,019375	11,625	14,125	0	8181b2de-d671-418b-89f4-dca400c58239
1717	0,019375	11,625	14,375	0	8acd0674-1c67-42f4-864a-68e451f2ee89
1718	0,019375	11,875	14,125	0	7bdd0c3-50b9-40df-a617-fc2e28ba043b
1719	0,019375	11,875	14,375	0	4490ee27-c169-467b-a5f4-0aa846384ff9
1720	0,019375	9,625	14,125	0	90bb866f-19d8-4e3b-8047-7ce37b4f79c1
1721	0,019375	9,625	14,375	0	5764d0cb-23e1-4450-ad49-94cdc5164bc9
1722	0,019375	9,875	14,125	0	655a909e-d687-4e15-b375-3662bb8f5868
1723	0,019375	9,875	14,375	0	09b9986b-627d-4b52-808a-ded6d81ab814
1724	0,019375	10,625	14,125	0	b81e1e1a-1f2d-4879-a0d6-0601e9e558f9
1725	0,019375	10,625	14,375	0	0f355167-860f-45a9-9259-96c78eb13cff
1726	0,019375	10,875	14,125	0	1f380fea-c77c-488f-a345-c5a9420a490d
1727	0,019375	10,875	14,375	0	83a7611d-1364-4eb4-9cb6-a28075b0f77c

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

Table: Joint Coordinates, Part 1 of 2							
Joint	CoordSys	CoordType	XorR	Y	Z	SpecialJt	GlobalX
			m	m	m		m
1	GLOBAL	Cartesian	5	15	0	No	5
3	GLOBAL	Cartesian	7	15	0	No	7
5	GLOBAL	Cartesian	13	15	0	No	13
7	GLOBAL	Cartesian	15	15	0	No	15
9	GLOBAL	Cartesian	7,25002	15	0	No	7,25002
11	GLOBAL	Cartesian	12,75003	15	0	No	12,75003
13	GLOBAL	Cartesian	5	14,5	0	No	5
14	GLOBAL	Cartesian	15	14,5	0	No	15
15	GLOBAL	Cartesian	5	14	0	No	5
16	GLOBAL	Cartesian	15	14	0	No	15
17	GLOBAL	Cartesian	5	13,5	0	No	5
18	GLOBAL	Cartesian	15	13,5	0	No	15
19	GLOBAL	Cartesian	5	13	0	No	5
20	GLOBAL	Cartesian	15	13	0	No	15
21	GLOBAL	Cartesian	5	12,5	0	No	5
22	GLOBAL	Cartesian	15	12,5	0	No	15
51	GLOBAL	Cartesian	7	14,5	0	No	7
52	GLOBAL	Cartesian	7	14	0	No	7
53	GLOBAL	Cartesian	7	13,5	0	No	7
54	GLOBAL	Cartesian	7	13	0	No	7
55	GLOBAL	Cartesian	7	12,5	0	No	7
70	GLOBAL	Cartesian	13	14,5	0	No	13
71	GLOBAL	Cartesian	13	14	0	No	13
72	GLOBAL	Cartesian	13	13,5	0	No	13
73	GLOBAL	Cartesian	13	13	0	No	13
74	GLOBAL	Cartesian	13	12,5	0	No	13
89	GLOBAL	Cartesian	7,25002	14,5	0	No	7,25002
90	GLOBAL	Cartesian	7,25002	14	0	No	7,25002
91	GLOBAL	Cartesian	7,25002	13,5	0	No	7,25002
92	GLOBAL	Cartesian	7,25002	13	0	No	7,25002
93	GLOBAL	Cartesian	7,25002	12,5	0	No	7,25002
108	GLOBAL	Cartesian	12,75003	14,5	0	No	12,75003
109	GLOBAL	Cartesian	12,75003	14	0	No	12,75003
110	GLOBAL	Cartesian	12,75003	13,5	0	No	12,75003
111	GLOBAL	Cartesian	12,75003	13	0	No	12,75003
112	GLOBAL	Cartesian	12,75003	12,5	0	No	12,75003
127	GLOBAL	Cartesian	12,5	15	0	No	12,5
129	GLOBAL	Cartesian	10,5	15	0	No	10,5
131	GLOBAL	Cartesian	9,5	15	0	No	9,5
133	GLOBAL	Cartesian	7,5	15	0	No	7,5
139	GLOBAL	Cartesian	12	15	0	No	12
141	GLOBAL	Cartesian	11,5	15	0	No	11,5
143	GLOBAL	Cartesian	11	15	0	No	11
145	GLOBAL	Cartesian	9	15	0	No	9
147	GLOBAL	Cartesian	8,5	15	0	No	8,5
149	GLOBAL	Cartesian	8	15	0	No	8
151	GLOBAL	Cartesian	10	15	0	No	10
153	GLOBAL	Cartesian	6,5	15	0	No	6,5
155	GLOBAL	Cartesian	6	15	0	No	6
157	GLOBAL	Cartesian	5,5	15	0	No	5,5
159	GLOBAL	Cartesian	14,5	15	0	No	14,5

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
161	GLOBAL	Cartesian	14	15	0	No	14
163	GLOBAL	Cartesian	13,5	15	0	No	13,5
165	GLOBAL	Cartesian	5,5	14,5	0	No	5,5
166	GLOBAL	Cartesian	6	14,5	0	No	6
167	GLOBAL	Cartesian	6,5	14,5	0	No	6,5
168	GLOBAL	Cartesian	7,5	14,5	0	No	7,5
169	GLOBAL	Cartesian	8	14,5	0	No	8
170	GLOBAL	Cartesian	8,5	14,5	0	No	8,5
171	GLOBAL	Cartesian	9	14,5	0	No	9
172	GLOBAL	Cartesian	9,5	14,5	0	No	9,5
173	GLOBAL	Cartesian	10	14,5	0	No	10
174	GLOBAL	Cartesian	10,5	14,5	0	No	10,5
175	GLOBAL	Cartesian	11	14,5	0	No	11
176	GLOBAL	Cartesian	11,5	14,5	0	No	11,5
177	GLOBAL	Cartesian	12	14,5	0	No	12
178	GLOBAL	Cartesian	12,5	14,5	0	No	12,5
179	GLOBAL	Cartesian	13,5	14,5	0	No	13,5
180	GLOBAL	Cartesian	14	14,5	0	No	14
181	GLOBAL	Cartesian	14,5	14,5	0	No	14,5
182	GLOBAL	Cartesian	5,5	14	0	No	5,5
183	GLOBAL	Cartesian	6	14	0	No	6
184	GLOBAL	Cartesian	6,5	14	0	No	6,5
185	GLOBAL	Cartesian	7,5	14	0	No	7,5
186	GLOBAL	Cartesian	8	14	0	No	8
187	GLOBAL	Cartesian	8,5	14	0	No	8,5
188	GLOBAL	Cartesian	9	14	0	No	9
189	GLOBAL	Cartesian	9,5	14	0	No	9,5
190	GLOBAL	Cartesian	10	14	0	No	10
191	GLOBAL	Cartesian	10,5	14	0	No	10,5
192	GLOBAL	Cartesian	11	14	0	No	11
193	GLOBAL	Cartesian	11,5	14	0	No	11,5
194	GLOBAL	Cartesian	12	14	0	No	12
195	GLOBAL	Cartesian	12,5	14	0	No	12,5
196	GLOBAL	Cartesian	13,5	14	0	No	13,5
197	GLOBAL	Cartesian	14	14	0	No	14
198	GLOBAL	Cartesian	14,5	14	0	No	14,5
199	GLOBAL	Cartesian	5,5	13,5	0	No	5,5
200	GLOBAL	Cartesian	6	13,5	0	No	6
201	GLOBAL	Cartesian	6,5	13,5	0	No	6,5
202	GLOBAL	Cartesian	7,5	13,5	0	No	7,5
203	GLOBAL	Cartesian	8	13,5	0	No	8
204	GLOBAL	Cartesian	8,5	13,5	0	No	8,5
205	GLOBAL	Cartesian	9	13,5	0	No	9
206	GLOBAL	Cartesian	9,5	13,5	0	No	9,5
207	GLOBAL	Cartesian	10	13,5	0	No	10
208	GLOBAL	Cartesian	10,5	13,5	0	No	10,5
209	GLOBAL	Cartesian	11	13,5	0	No	11
210	GLOBAL	Cartesian	11,5	13,5	0	No	11,5
211	GLOBAL	Cartesian	12	13,5	0	No	12
212	GLOBAL	Cartesian	12,5	13,5	0	No	12,5
213	GLOBAL	Cartesian	13,5	13,5	0	No	13,5
214	GLOBAL	Cartesian	14	13,5	0	No	14
215	GLOBAL	Cartesian	14,5	13,5	0	No	14,5

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
216	GLOBAL	Cartesian	5,5	13	0	No	5,5
217	GLOBAL	Cartesian	6	13	0	No	6
218	GLOBAL	Cartesian	6,5	13	0	No	6,5
219	GLOBAL	Cartesian	7,5	13	0	No	7,5
220	GLOBAL	Cartesian	8	13	0	No	8
221	GLOBAL	Cartesian	8,5	13	0	No	8,5
222	GLOBAL	Cartesian	9	13	0	No	9
223	GLOBAL	Cartesian	9,5	13	0	No	9,5
224	GLOBAL	Cartesian	10	13	0	No	10
225	GLOBAL	Cartesian	10,5	13	0	No	10,5
226	GLOBAL	Cartesian	11	13	0	No	11
227	GLOBAL	Cartesian	11,5	13	0	No	11,5
228	GLOBAL	Cartesian	12	13	0	No	12
229	GLOBAL	Cartesian	12,5	13	0	No	12,5
230	GLOBAL	Cartesian	13,5	13	0	No	13,5
231	GLOBAL	Cartesian	14	13	0	No	14
232	GLOBAL	Cartesian	14,5	13	0	No	14,5
233	GLOBAL	Cartesian	5,5	12,5	0	No	5,5
234	GLOBAL	Cartesian	6	12,5	0	No	6
235	GLOBAL	Cartesian	6,5	12,5	0	No	6,5
236	GLOBAL	Cartesian	7,5	12,5	0	No	7,5
237	GLOBAL	Cartesian	8	12,5	0	No	8
238	GLOBAL	Cartesian	8,5	12,5	0	No	8,5
239	GLOBAL	Cartesian	9	12,5	0	No	9
240	GLOBAL	Cartesian	9,5	12,5	0	No	9,5
241	GLOBAL	Cartesian	10	12,5	0	No	10
242	GLOBAL	Cartesian	10,5	12,5	0	No	10,5
243	GLOBAL	Cartesian	11	12,5	0	No	11
244	GLOBAL	Cartesian	11,5	12,5	0	No	11,5
245	GLOBAL	Cartesian	12	12,5	0	No	12
246	GLOBAL	Cartesian	12,5	12,5	0	No	12,5
247	GLOBAL	Cartesian	13,5	12,5	0	No	13,5
248	GLOBAL	Cartesian	14	12,5	0	No	14
249	GLOBAL	Cartesian	14,5	12,5	0	No	14,5
627	GLOBAL	Cartesian	11,75	12,5	0	No	11,75
628	GLOBAL	Cartesian	11,75	13	0	No	11,75
629	GLOBAL	Cartesian	11,75	13,5	0	No	11,75
630	GLOBAL	Cartesian	11,75	14	0	No	11,75
631	GLOBAL	Cartesian	11,75	14,5	0	No	11,75
632	GLOBAL	Cartesian	11,75	15	0	No	11,75
651	GLOBAL	Cartesian	9,75	12,5	0	No	9,75
652	GLOBAL	Cartesian	9,75	13	0	No	9,75
653	GLOBAL	Cartesian	9,75	13,5	0	No	9,75
654	GLOBAL	Cartesian	9,75	14	0	No	9,75
655	GLOBAL	Cartesian	9,75	14,5	0	No	9,75
656	GLOBAL	Cartesian	9,75	15	0	No	9,75
670	GLOBAL	Cartesian	10,75	12,5	0	No	10,75
671	GLOBAL	Cartesian	10,75	13	0	No	10,75
672	GLOBAL	Cartesian	10,75	13,5	0	No	10,75
673	GLOBAL	Cartesian	10,75	14	0	No	10,75
674	GLOBAL	Cartesian	10,75	14,5	0	No	10,75
675	GLOBAL	Cartesian	10,75	15	0	No	10,75
686	GLOBAL	Cartesian	13,5	14,25	0	No	13,5

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
687	GLOBAL	Cartesian	13	14,25	0	No	13
688	GLOBAL	Cartesian	14	14,25	0	No	14
689	GLOBAL	Cartesian	14,5	14,25	0	No	14,5
690	GLOBAL	Cartesian	15	14,25	0	No	15
691	GLOBAL	Cartesian	5,5	14,25	0	No	5,5
692	GLOBAL	Cartesian	5	14,25	0	No	5
693	GLOBAL	Cartesian	6	14,25	0	No	6
694	GLOBAL	Cartesian	6,5	14,25	0	No	6,5
695	GLOBAL	Cartesian	7	14,25	0	No	7
696	GLOBAL	Cartesian	7,25002	14,25	0	No	7,25002
697	GLOBAL	Cartesian	7,5	14,25	0	No	7,5
698	GLOBAL	Cartesian	8	14,25	0	No	8
699	GLOBAL	Cartesian	8,5	14,25	0	No	8,5
700	GLOBAL	Cartesian	9	14,25	0	No	9
701	GLOBAL	Cartesian	9,5	14,25	0	No	9,5
702	GLOBAL	Cartesian	10,5	14,25	0	No	10,5
703	GLOBAL	Cartesian	10	14,25	0	No	10
704	GLOBAL	Cartesian	11,5	14,25	0	No	11,5
705	GLOBAL	Cartesian	11	14,25	0	No	11
706	GLOBAL	Cartesian	12,5	14,25	0	No	12,5
707	GLOBAL	Cartesian	12	14,25	0	No	12
708	GLOBAL	Cartesian	12,75003	14,25	0	No	12,75003
709	GLOBAL	Cartesian	11,75	14,25	0	No	11,75
710	GLOBAL	Cartesian	9,75	14,25	0	No	9,75
711	GLOBAL	Cartesian	10,75	14,25	0	No	10,75

Table: Joint Coordinates, Part 2 of 2

Table: Joint Coordinates, Part 2 of 2

Joint	GlobalY	GlobalZ	GUID
	m	m	
1	15	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
3	15	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
5	15	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
7	15	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
9	15	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
11	15	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
13	14,5	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
14	14,5	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
15	14	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
16	14	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
17	13,5	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed

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

Joint	GlobalY m	GlobalZ m	GUID
18	13,5	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
19	13	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
20	13	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
21	12,5	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
22	12,5	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
51	14,5	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
52	14	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
53	13,5	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
54	13	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
55	12,5	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
70	14,5	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
71	14	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
72	13,5	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
73	13	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
74	12,5	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
89	14,5	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
90	14	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
91	13,5	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
92	13	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
93	12,5	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
108	14,5	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
109	14	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
110	13,5	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
111	13	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
112	12,5	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
127	15	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
129	15	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
131	15	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
133	15	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed

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

Joint	GlobalY m	GlobalZ m	GUID
139	15	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
141	15	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
143	15	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
145	15	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
147	15	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
149	15	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
151	15	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
153	15	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
155	15	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
157	15	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
159	15	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
161	15	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
163	15	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
165	14,5	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
166	14,5	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
167	14,5	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
168	14,5	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
169	14,5	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
170	14,5	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
171	14,5	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
172	14,5	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
173	14,5	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
174	14,5	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
175	14,5	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
176	14,5	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
177	14,5	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
178	14,5	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
179	14,5	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
180	14,5	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed

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

Table: Joint Coordinates, Part 2 of 2

Joint	GlobalY m	GlobalZ m	GUID
181	14,5	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
182	14	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
183	14	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
184	14	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
185	14	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
186	14	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
187	14	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
188	14	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
189	14	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
190	14	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
191	14	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
192	14	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
193	14	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
194	14	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
195	14	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
196	14	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
197	14	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
198	14	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
199	13,5	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
200	13,5	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
201	13,5	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
202	13,5	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
203	13,5	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
204	13,5	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
205	13,5	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
206	13,5	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
207	13,5	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
208	13,5	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
209	13,5	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed

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

Table: Joint Coordinates, Part 2 of 2

Joint	GlobalY m	GlobalZ m	GUID
210	13,5	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
211	13,5	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
212	13,5	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
213	13,5	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
214	13,5	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
215	13,5	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
216	13	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
217	13	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
218	13	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
219	13	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
220	13	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
221	13	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
222	13	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
223	13	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
224	13	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
225	13	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
226	13	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
227	13	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
228	13	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
229	13	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
230	13	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
231	13	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
232	13	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
233	12,5	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
234	12,5	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
235	12,5	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
236	12,5	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
237	12,5	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
238	12,5	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed

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

Table: Joint Coordinates, Part 2 of 2

Joint	GlobalY m	GlobalZ m	GUID
239	12,5	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
240	12,5	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
241	12,5	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
242	12,5	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
243	12,5	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
244	12,5	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
245	12,5	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
246	12,5	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
247	12,5	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
248	12,5	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
249	12,5	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
627	12,5	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
628	13	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
629	13,5	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
630	14	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
631	14,5	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
632	15	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
651	12,5	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
652	13	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
653	13,5	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
654	14	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
655	14,5	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
656	15	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
670	12,5	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
671	13	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
672	13,5	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
673	14	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
674	14,5	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
675	15	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed

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

Table: Joint Coordinates, Part 2 of 2

Joint	GlobalY m	GlobalZ m	GUID
686	14,25	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
687	14,25	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
688	14,25	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
689	14,25	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
690	14,25	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
691	14,25	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
692	14,25	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
693	14,25	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
694	14,25	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
695	14,25	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
696	14,25	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
697	14,25	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
698	14,25	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
699	14,25	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
700	14,25	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
701	14,25	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
702	14,25	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
703	14,25	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
704	14,25	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
705	14,25	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
706	14,25	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
707	14,25	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
708	14,25	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
709	14,25	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
710	14,25	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed
711	14,25	0	6ed2e9c4-efa0-40ef-bfb9-b854726ae8ed

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

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
13	G2-RETE	GLOBAL	0	0	-0,5	0	0
14	G2-RETE	GLOBAL	0	0	-0,5	0	0
15	G2-RETE	GLOBAL	0	0	-0,5	0	0
16	G2-RETE	GLOBAL	0	0	-0,5	0	0
17	G2-RETE	GLOBAL	0	0	-0,5	0	0
18	G2-RETE	GLOBAL	0	0	-0,5	0	0
19	G2-RETE	GLOBAL	0	0	-0,5	0	0
20	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
51	G2-GUARDRAIL	GLOBAL	0	0	-0,75	0	0
52	G2-GUARDRAIL	GLOBAL	0	0	-0,75	0	0
53	G2-GUARDRAIL	GLOBAL	0	0	-0,75	0	0
54	G2-GUARDRAIL	GLOBAL	0	0	-0,75	0	0
55	G2-GUARDRAIL	GLOBAL	0	0	-0,75	0	0
70	G2-GUARDRAIL	GLOBAL	0	0	-0,75	0	0
71	G2-GUARDRAIL	GLOBAL	0	0	-0,75	0	0
72	G2-GUARDRAIL	GLOBAL	0	0	-0,75	0	0
73	G2-GUARDRAIL	GLOBAL	0	0	-0,75	0	0
74	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	63ce86f5-598b-4ede-bfdc-deba50eb7299
3	G2-GUARDRAIL	0	ffb871d5-463c-4ffe-a345-ad1a9032ab33
5	G2-GUARDRAIL	0	c1be2de2-172d-4c2b-80c6-6ccf51b6a0c8
7	G2-RETE	0	5318bd96-29a8-4c43-88ca-2f9b81db50c0
13	G2-RETE	0	7a971d23-0919-4ced-84b7-d0ec2ae72822
14	G2-RETE	0	4fb3e3dc-f491-4c22-b707-b1764b38687d
15	G2-RETE	0	19e3579c-df0d-4dca-adf4-e0022dd47bd5
16	G2-RETE	0	848a3715-73f5-4948-8ab8-e82e4d0ebf6
17	G2-RETE	0	f10063f8-2c03-4fda-9409-1492c835ac0d
18	G2-RETE	0	31ef410d-a730-416c-bfcd-2f28a6ef1c43
19	G2-RETE	0	d6a48589-4214-4c36-b16a-71ba4b262c6b

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
20	G2-RETE	0	36a5c43f-a9e6-489e-82f6-27cd8dfa9633
21	G2-RETE	0	6e44684b-0e78-4402-b765-f6a6fdba0037
22	G2-RETE	0	ae476c95-03fe-4022-87e8-796b5b71dbe5
51	G2-GUARDRAIL	0	484d7634-bed4-4857-872c-9f4522382f71
52	G2-GUARDRAIL	0	a8dd6c87-61d3-4536-8d18-adb140d66df5
53	G2-GUARDRAIL	0	bc94a086-0c96-401e-a4b7-bbbdce506376
54	G2-GUARDRAIL	0	3bc4ef23-69db-4914-9031-c16b31b47145
55	G2-GUARDRAIL	0	cae88d72-b0cd-4200-9413-5b584918186a
70	G2-GUARDRAIL	0	a5a2a611-9a57-4799-a6a5-988db19dfcbd
71	G2-GUARDRAIL	0	cf6c2455-82bc-4084-9d03-93c1e655ddb6
72	G2-GUARDRAIL	0	29cdeafe-9fea-4a83-9382-5fdc0cf41457
73	G2-GUARDRAIL	0	34e76de9-9630-427f-9033-6e2c4dcf7476
74	G2-GUARDRAIL	0	44da1c5c-ec7b-41df-b0b8-8801de6a7757

Table: Joint Restraint Assignments

Table: Joint Restraint Assignments

Joint	U1	U2	U3	R1	R2	R3
9	Yes	Yes	Yes	No	No	No
11	Yes	Yes	Yes	No	No	No
89	Yes	Yes	Yes	No	No	No
90	Yes	Yes	Yes	No	No	No
91	Yes	Yes	Yes	No	No	No
92	Yes	Yes	Yes	No	No	No
93	Yes	Yes	Yes	No	No	No
108	Yes	Yes	Yes	No	No	No
109	Yes	Yes	Yes	No	No	No
110	Yes	Yes	Yes	No	No	No
111	Yes	Yes	Yes	No	No	No
112	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	

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

Table: Load Pattern Definitions

LoadPat	DesignType	SelfWtMult	AutoLoad	GUID	Notes
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-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	

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	UnitMass	E1	G12	U12	A1
	KN/m3	KN-s2/m4	KN/m2	KN/m2		1/C
A992Fy50	76,97286394 22648	7,849047379 95992	199947978,8	76903068,77	0,3	1,169999944 21006E-05

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

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
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

2.3. 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	
71	Shell-Thin	SLU-ENVE	Max	0	0	0	-55,8114	-	10,293	-42,88	15,17	
								14,1234				
71	Shell-Thin	SLU-ENVE	Max	0	0	0	-32,705	-	7,8936	-42,88	13,81	
								13,0324				
71	Shell-Thin	SLU-ENVE	Max	0	0	0	-36,1949	-	5,9937	-52,2	13,81	
								16,5355				
71	Shell-Thin	SLU-ENVE	Max	0	0	0	-63,9636	-17,62	8,3931	-52,2	15,17	
71	Shell-Thin	SLU-ENVE	Min	0	0	0	-62,5612	-	9,0693	-48,49	10,8	
								16,0259				
71	Shell-Thin	SLU-ENVE	Min	0	0	0	-36,4161	-	6,7534	-48,49	11,04	
								14,7872				
71	Shell-Thin	SLU-ENVE	Min	0	0	0	-40,4805	-	5,1544	-58,9	11,04	
								18,9614				
71	Shell-Thin	SLU-ENVE	Min	0	0	0	-71,6571	-	7,4028	-58,9	10,8	
								20,0676				
71	Shell-Thin	SLE-ENVE	Max	0	0	0	-37,1223	-9,0748	5,737	-28,96	8,43	
71	Shell-Thin	SLE-ENVE	Max	0	0	0	-21,7024	-7,9852	4,4062	-28,96	7,67	
71	Shell-Thin	SLE-ENVE	Max	0	0	0	-23,6269	-9,9319	3,3439	-33,82	7,67	
71	Shell-Thin	SLE-ENVE	Max	0	0	0	-41,5785	-	4,6747	-33,82	8,43	
								11,0261				
71	Shell-Thin	SLE-ENVE	Min	0	0	0	-38,9329	-9,7422	5,0697	-30,18	6,01	
71	Shell-Thin	SLE-ENVE	Min	0	0	0	-22,7784	-8,7463	3,7701	-30,18	6,14	
71	Shell-Thin	SLE-ENVE	Min	0	0	0	-25,0298	-	2,8754	-35,98	6,14	
								11,0644				
71	Shell-Thin	SLE-ENVE	Min	0	0	0	-43,9829	-	4,1312	-35,98	6,01	
								11,9911				
72	Shell-Thin	SLU-ENVE	Max	0	0	0	-64,035	-	5,8108	-52,74	8,05	
								17,9769				
72	Shell-Thin	SLU-ENVE	Max	0	0	0	-36,1854	-	4,7324	-52,74	5,06	
								16,4882				
72	Shell-Thin	SLU-ENVE	Max	0	0	0	-38,7809	-	3,1565	-51,68	5,06	
								17,6573				
72	Shell-Thin	SLU-ENVE	Max	0	0	0	-66,1039	-	4,2349	-51,68	8,05	
								20,0904				
72	Shell-Thin	SLU-ENVE	Min	0	0	0	-71,7654	-	5,0411	-59,49	4,75	
								20,6089				
72	Shell-Thin	SLU-ENVE	Min	0	0	0	-40,4654	-	4,2061	-59,49	4,01	
								18,8855				

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
72	Shell-Thin	SLU-ENVE	Min	0	0	0	-43,5374	-	2,7243	-59,27	4,01
								20,3391			
72	Shell-Thin	SLU-ENVE	Min	0	0	0	-74,7492	-	3,5593	-59,27	4,75
								23,5537			
72	Shell-Thin	SLE-ENVE	Max	0	0	0	-41,6298	-	3,2351	-34,25	4,46
								11,2377			
72	Shell-Thin	SLE-ENVE	Max	0	0	0	-23,6214	-9,9046	2,6394	-34,25	2,8
72	Shell-Thin	SLE-ENVE	Max	0	0	0	-25,0929	-	1,7633	-33,72	2,8
								10,5397			
72	Shell-Thin	SLE-ENVE	Max	0	0	0	-42,7723	-	2,3589	-33,72	4,46
								12,4241			
72	Shell-Thin	SLE-ENVE	Min	0	0	0	-44,0442	-	2,8098	-36,32	2,63
								12,2977			
72	Shell-Thin	SLE-ENVE	Min	0	0	0	-25,0212	-	2,354	-36,32	2,18
								11,0216			
72	Shell-Thin	SLE-ENVE	Min	0	0	0	-26,7404	-	1,5348	-36,11	2,18
								11,8242			
72	Shell-Thin	SLE-ENVE	Min	0	0	0	-45,6718	-	1,9906	-36,11	2,63
								13,9335			
252	Shell-Thin	SLU-ENVE	Max	0	0	0	-32,6893	-	5,9545	-30,99	10,79
								13,0292			
252	Shell-Thin	SLU-ENVE	Max	0	0	0	-16,2911	-	4,9644	-30,99	9,27
								11,9379			
252	Shell-Thin	SLU-ENVE	Max	0	0	0	-18,0129	-	3,9354	-35,04	9,27
								15,0369			
252	Shell-Thin	SLU-ENVE	Max	0	0	0	-36,4336	-	4,9254	-35,04	10,79
								16,5833			
252	Shell-Thin	SLU-ENVE	Min	0	0	0	-36,3912	-	4,9424	-35,07	8,78
								14,7822			
252	Shell-Thin	SLU-ENVE	Min	0	0	0	-17,8278	-13,593	4,0403	-35,07	7,87
252	Shell-Thin	SLU-ENVE	Min	0	0	0	-19,779	-	3,2087	-39,92	7,87
								17,2371			
252	Shell-Thin	SLU-ENVE	Min	0	0	0	-40,7683	-19,019	4,1107	-39,92	8,78
252	Shell-Thin	SLE-ENVE	Max	0	0	0	-21,6919	-7,9831	3,3301	-20,97	5,99
252	Shell-Thin	SLE-ENVE	Max	0	0	0	-10,6973	-7,0261	2,7804	-20,97	5,14
252	Shell-Thin	SLE-ENVE	Max	0	0	0	-11,6558	-8,7423	2,2031	-23,2	5,14
252	Shell-Thin	SLE-ENVE	Max	0	0	0	-23,7661	-9,9598	2,7528	-23,2	5,99
252	Shell-Thin	SLE-ENVE	Min	0	0	0	-22,7638	-8,7434	2,7652	-21,8	4,88
252	Shell-Thin	SLE-ENVE	Min	0	0	0	-11,2875	-7,8652	2,2646	-21,8	4,37
252	Shell-Thin	SLE-ENVE	Min	0	0	0	-12,3725	-9,8869	1,7978	-24,48	4,37
252	Shell-Thin	SLE-ENVE	Min	0	0	0	-25,1923	-	2,2985	-24,48	4,88
								11,0969			
253	Shell-Thin	SLU-ENVE	Max	0	0	0	-36,4242	-	3,6332	-34,73	3,52
								16,5359			
253	Shell-Thin	SLU-ENVE	Max	0	0	0	-18,0126	-	3,1259	-34,73	4,63
								15,0352			
253	Shell-Thin	SLU-ENVE	Max	0	0	0	-18,8347	-	1,9398	-36,81	4,63
								16,5169			
253	Shell-Thin	SLU-ENVE	Max	0	0	0	-38,288	-	2,4472	-36,81	3,52
								17,5587			
253	Shell-Thin	SLU-ENVE	Min	0	0	0	-40,7531	-18,943	3,1097	-39,57	2,92
253	Shell-Thin	SLU-ENVE	Min	0	0	0	-19,7796	-	2,5596	-39,57	3,81
								17,2402			
253	Shell-Thin	SLU-ENVE	Min	0	0	0	-20,7362	-	1,5623	-41,82	3,81
								18,9801			

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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
253	Shell-Thin	SLU-ENVE	Min	0	0	0	-42,8307	-	2,1124	-41,82	2,92
								20,1978			
253	Shell-Thin	SLE-ENVE	Max	0	0	0	-23,7606	-9,9324	2,03	-23,02	1,94
253	Shell-Thin	SLE-ENVE	Max	0	0	0	-11,6557	-8,7415	1,7475	-23,02	2,57
253	Shell-Thin	SLE-ENVE	Max	0	0	0	-12,1134	-9,5623	1,0821	-24,16	2,57
253	Shell-Thin	SLE-ENVE	Max	0	0	0	-24,7978	-	1,3645	-24,16	1,94
								10,4807			
253	Shell-Thin	SLE-ENVE	Min	0	0	0	-25,1837	-	1,7386	-24,29	1,59
								11,0541			
253	Shell-Thin	SLE-ENVE	Min	0	0	0	-12,3729	-9,8888	1,4322	-24,29	2,11
253	Shell-Thin	SLE-ENVE	Min	0	0	0	-12,9043	-	0,8723	-25,54	2,11
								10,8544			
253	Shell-Thin	SLE-ENVE	Min	0	0	0	-26,339	-	1,1786	-25,54	1,59
								11,7439			
397	Shell-Thin	SLU-ENVE	Max	0	0	0	-16,3163	-	4,2911	-19,98	7,79
								11,9429			
397	Shell-Thin	SLU-ENVE	Max	0	0	0	-5,65	-	4,0402	-19,98	7,49
								11,3694			
397	Shell-Thin	SLU-ENVE	Max	0	0	0	-6,2531	-	3,265	-22,21	7,49
								14,3665			
397	Shell-Thin	SLU-ENVE	Max	0	0	0	-18,0313	-	3,5159	-22,21	7,79
								15,0406			
397	Shell-Thin	SLU-ENVE	Min	0	0	0	-17,8538	-	3,4736	-21,92	6,61
								13,5982			
397	Shell-Thin	SLU-ENVE	Min	0	0	0	-6,1162	-	3,2775	-21,92	6,42
								13,0589			
397	Shell-Thin	SLU-ENVE	Min	0	0	0	-6,7972	-	2,6255	-24,47	6,42
								16,5536			
397	Shell-Thin	SLU-ENVE	Min	0	0	0	-19,8049	-	2,8216	-24,47	6,61
								17,2423			
397	Shell-Thin	SLE-ENVE	Max	0	0	0	-10,7115	-7,0289	2,4059	-13,44	4,32
397	Shell-Thin	SLE-ENVE	Max	0	0	0	-3,6087	-6,4967	2,2659	-13,44	4,16
397	Shell-Thin	SLE-ENVE	Max	0	0	0	-3,9343	-8,1578	1,8295	-14,67	4,16
397	Shell-Thin	SLE-ENVE	Max	0	0	0	-11,6655	-8,7443	1,9696	-14,67	4,32
397	Shell-Thin	SLE-ENVE	Min	0	0	0	-11,302	-7,8681	1,9495	-14,02	3,67
397	Shell-Thin	SLE-ENVE	Min	0	0	0	-3,854	-7,3964	1,84	-14,02	3,56
397	Shell-Thin	SLE-ENVE	Min	0	0	0	-4,2339	-9,3356	1,4728	-15,43	3,56
397	Shell-Thin	SLE-ENVE	Min	0	0	0	-12,3866	-9,8898	1,5823	-15,43	3,67
398	Shell-Thin	SLU-ENVE	Max	0	0	0	-18,031	-	2,6586	-22,12	3,76
								15,0389			
398	Shell-Thin	SLU-ENVE	Max	0	0	0	-6,2532	-	2,5328	-22,12	3,57
								14,3674			
398	Shell-Thin	SLU-ENVE	Max	0	0	0	-6,517	-	1,7259	-23,28	3,57
								15,8045			
398	Shell-Thin	SLU-ENVE	Max	0	0	0	-18,8804	-16,526	1,8517	-23,28	3,76
398	Shell-Thin	SLU-ENVE	Min	0	0	0	-19,8055	-	2,1245	-24,4	3,16
								17,2454			
398	Shell-Thin	SLU-ENVE	Min	0	0	0	-6,7974	-	2,0194	-24,4	3,06
								16,5548			
398	Shell-Thin	SLU-ENVE	Min	0	0	0	-7,1023	-	1,3645	-25,75	3,06
								18,2156			
398	Shell-Thin	SLU-ENVE	Min	0	0	0	-20,7854	-	1,4696	-25,75	3,16
								18,9899			
398	Shell-Thin	SLE-ENVE	Max	0	0	0	-11,6654	-8,7434	1,4874	-14,62	2,09
398	Shell-Thin	SLE-ENVE	Max	0	0	0	-3,9343	-8,158	1,4173	-14,62	1,99
398	Shell-Thin	SLE-ENVE	Max	0	0	0	-4,0767	-8,9562	0,963	-15,27	1,99

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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
398	Shell-Thin	SLE-ENVE	Max	0	0	0	-12,1391	-9,5675	1,0332	-15,27	2,09
398	Shell-Thin	SLE-ENVE	Min	0	0	0	-12,387	-9,8916	1,1899	-15,4	1,75
398	Shell-Thin	SLE-ENVE	Min	0	0	0	-4,2339	-9,3359	1,1312	-15,4	1,7
398	Shell-Thin	SLE-ENVE	Min	0	0	0	-4,4042	-	0,7621	-16,15	1,7
								10,2599			
398	Shell-Thin	SLE-ENVE	Min	0	0	0	-12,9318	-	0,8208	-16,15	1,75
								10,8599			
417	Shell-Thin	SLU-ENVE	Max	0	0	0	-5,663	-11,372	4,0165	-10,02	6,69
417	Shell-Thin	SLU-ENVE	Max	0	0	0	0,0002251	-	4,1671	-10,02	6,88
								11,6986			
417	Shell-Thin	SLU-ENVE	Max	0	0	0	-0,0104	-	3,4157	-11,21	6,88
								14,7928			
417	Shell-Thin	SLU-ENVE	Max	0	0	0	-6,2678	-	3,2651	-11,21	6,69
								14,3695			
417	Shell-Thin	SLU-ENVE	Min	0	0	0	-6,1315	-	3,2988	-10,76	5,71
								13,0619			
417	Shell-Thin	SLU-ENVE	Min	0	0	0	-	-	3,4633	-10,76	5,92
							0,0007323	13,5254			
417	Shell-Thin	SLU-ENVE	Min	0	0	0	-0,0121	-	2,819	-12,1	5,92
								17,1136			
417	Shell-Thin	SLU-ENVE	Min	0	0	0	-6,8132	-	2,6545	-12,1	5,71
								16,5568			
417	Shell-Thin	SLE-ENVE	Max	0	0	0	-3,616	-6,4981	2,2518	-6,49	3,71
417	Shell-Thin	SLE-ENVE	Max	0	0	0	0,0001557	-6,6057	2,335	-6,49	3,82
417	Shell-Thin	SLE-ENVE	Max	0	0	0	-0,0058	-8,3231	1,9121	-7,15	3,82
417	Shell-Thin	SLE-ENVE	Max	0	0	0	-3,9418	-8,1594	1,8289	-7,15	3,71
417	Shell-Thin	SLE-ENVE	Min	0	0	0	-3,8626	-7,3981	1,8511	-6,88	3,17
417	Shell-Thin	SLE-ENVE	Min	0	0	0	-	-7,5765	1,942	-6,88	3,29
							0,0003696				
417	Shell-Thin	SLE-ENVE	Min	0	0	0	-0,0068	-9,5692	1,5792	-7,63	3,29
417	Shell-Thin	SLE-ENVE	Min	0	0	0	-4,2428	-9,3374	1,4883	-7,63	3,17
418	Shell-Thin	SLU-ENVE	Max	0	0	0	-6,268	-	2,5179	-11,16	3,18
								14,3703			
418	Shell-Thin	SLU-ENVE	Max	0	0	0	-0,0089	-	2,5894	-11,16	2,92
								14,7853			
418	Shell-Thin	SLU-ENVE	Max	0	0	0	0,0063	-	1,8075	-11,73	2,92
								16,1027			
418	Shell-Thin	SLU-ENVE	Max	0	0	0	-6,539	-	1,736	-11,73	3,18
								15,8084			
418	Shell-Thin	SLU-ENVE	Min	0	0	0	-6,8134	-16,558	2,0333	-12,04	2,72
418	Shell-Thin	SLU-ENVE	Min	0	0	0	-0,0109	-	2,1133	-12,04	2,49
								17,1054			
418	Shell-Thin	SLU-ENVE	Min	0	0	0	0,003	-18,639	1,4626	-12,7	2,49
418	Shell-Thin	SLU-ENVE	Min	0	0	0	-7,1252	-	1,3826	-12,7	2,72
								18,2201			
418	Shell-Thin	SLE-ENVE	Max	0	0	0	-3,9418	-8,1596	1,408	-7,13	1,77
418	Shell-Thin	SLE-ENVE	Max	0	0	0	-0,0051	-8,3193	1,4476	-7,13	1,61
418	Shell-Thin	SLE-ENVE	Max	0	0	0	0,004	-9,0427	1,0088	-7,45	1,61
418	Shell-Thin	SLE-ENVE	Max	0	0	0	-4,0885	-8,9583	0,9692	-7,45	1,77
418	Shell-Thin	SLE-ENVE	Min	0	0	0	-4,2429	-9,3377	1,138	-7,6	1,51
418	Shell-Thin	SLE-ENVE	Min	0	0	0	-0,0062	-9,5651	1,1822	-7,6	1,37
418	Shell-Thin	SLE-ENVE	Min	0	0	0	0,0022	-	0,8169	-7,96	1,37
								10,4097			
418	Shell-Thin	SLE-ENVE	Min	0	0	0	-4,4166	-	0,7727	-7,96	1,51
								10,2623			

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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
460	Shell-Thin	SLU-ENVE	Max	0	0	0	0,000348	-6,3409	-2,1232	10,76	6,88
460	Shell-Thin	SLU-ENVE	Max	0	0	0	-4,2891	-6,4053	-2,0727	10,76	6,69
460	Shell-Thin	SLU-ENVE	Max	0	0	0	-4,6289	-7,8333	-1,7102	12,1	6,69
460	Shell-Thin	SLU-ENVE	Max	0	0	0	-0,0056	-7,855	-1,7608	12,1	6,88
460	Shell-Thin	SLU-ENVE	Min	0	-	0	-2,993E-	-	-4,1659	7,85	2,93
					1,273E-		05	13,5251			
					20						
460	Shell-Thin	SLU-ENVE	Min	0	0	0	-6,1313	-	-4,0151	7,85	2,75
								13,0617			
460	Shell-Thin	SLU-ENVE	Min	0	0	0	-6,8127	-	-3,2638	8,52	2,75
								16,5583			
460	Shell-Thin	SLU-ENVE	Min	0	-	0	-0,0121	-	-3,4146	8,52	2,93
					1,262E-			17,1146			
					20						
460	Shell-Thin	SLE-ENVE	Max	0	0	0	0,0002136	-3,5697	-1,1945	6,88	3,82
460	Shell-Thin	SLE-ENVE	Max	0	0	0	-2,8331	-3,6871	-1,1668	6,88	3,71
460	Shell-Thin	SLE-ENVE	Max	0	0	0	-3,0236	-4,4793	-0,9616	7,63	3,71
460	Shell-Thin	SLE-ENVE	Max	0	0	0	-0,0032	-4,411	-0,9893	7,63	3,82
460	Shell-Thin	SLE-ENVE	Min	0	0	0	2,748E-05	-7,5762	-2,3343	5,26	1,63
460	Shell-Thin	SLE-ENVE	Min	0	0	0	-3,8624	-7,3978	-2,251	5,26	1,53
460	Shell-Thin	SLE-ENVE	Min	0	0	0	-4,2425	-9,3381	-1,8282	5,63	1,53
460	Shell-Thin	SLE-ENVE	Min	0	0	0	-0,0068	-9,5696	-1,9114	5,63	1,63
461	Shell-Thin	SLU-ENVE	Max	0	0	0	-0,0047	-7,8503	-1,3604	12,04	2,93
461	Shell-Thin	SLU-ENVE	Max	0	0	0	-4,6287	-7,8324	-1,3374	12,04	3,18
461	Shell-Thin	SLU-ENVE	Max	0	0	0	-4,7853	-8,5128	-0,9546	12,7	3,18
461	Shell-Thin	SLU-ENVE	Max	0	0	0	0,0063	-8,4495	-0,9775	12,7	2,93
461	Shell-Thin	SLU-ENVE	Min	0	-	0	-0,0104	-	-2,5884	8,48	1,15
					1,452E-			17,1064			
					20						
461	Shell-Thin	SLU-ENVE	Min	0	0	0	-6,8129	-	-2,5168	8,48	1,31
								16,5594			
461	Shell-Thin	SLU-ENVE	Min	0	0	0	-7,1246	-	-1,7351	8,82	1,31
								18,2225			
461	Shell-Thin	SLU-ENVE	Min	0	-	0	0,0055	-	-1,8067	8,82	1,15
					1,449E-			18,6409			
					20						
461	Shell-Thin	SLE-ENVE	Max	0	0	0	-0,0027	-4,4088	-0,7629	7,6	1,61
461	Shell-Thin	SLE-ENVE	Max	0	0	0	-3,0234	-4,4785	-0,7504	7,6	1,77
461	Shell-Thin	SLE-ENVE	Max	0	0	0	-3,1111	-4,857	-0,5348	7,96	1,77
461	Shell-Thin	SLE-ENVE	Max	0	0	0	0,004	-4,7343	-0,5473	7,96	1,61
461	Shell-Thin	SLE-ENVE	Min	0	0	0	-0,006	-9,5655	-1,447	5,61	0,63
461	Shell-Thin	SLE-ENVE	Min	0	0	0	-4,2426	-9,3384	-1,4074	5,61	0,73
461	Shell-Thin	SLE-ENVE	Min	0	0	0	-4,4162	-	-0,9688	5,8	0,73
								10,2635			
461	Shell-Thin	SLE-ENVE	Min	0	0	0	0,0036	-	-1,0083	5,8	0,63
								10,4106			
539	Shell-Thin	SLU-ENVE	Max	0	0	0	-4,2823	-6,4039	-2,1089	21,92	7,49
539	Shell-Thin	SLU-ENVE	Max	0	0	0	-13,4389	-7,3898	-2,2458	21,92	7,79
539	Shell-Thin	SLU-ENVE	Max	0	0	0	-14,3268	-8,8111	-1,8692	24,47	7,79
539	Shell-Thin	SLU-ENVE	Max	0	0	0	-4,6209	-7,8317	-1,7324	24,47	7,49
539	Shell-Thin	SLU-ENVE	Min	0	0	0	-6,1159	-	-4,0386	17,56	3,13
								13,0586			
539	Shell-Thin	SLU-ENVE	Min	0	0	0	-17,8533	-	-4,2893	17,56	3,12
								13,5979			

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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
539	Shell-Thin	SLU-ENVE	Min	0	0	0	-19,8045	-	-3,5142	18,66	3,12
								17,2443			
539	Shell-Thin	SLU-ENVE	Min	0	0	0	-6,7967	-	-3,2635	18,66	3,13
								16,5551			
539	Shell-Thin	SLE-ENVE	Max	0	0	0	-2,8293	-3,6864	-1,1876	14,02	4,16
539	Shell-Thin	SLE-ENVE	Max	0	0	0	-8,8381	-4,4098	-1,2643	14,02	4,33
539	Shell-Thin	SLE-ENVE	Max	0	0	0	-9,3321	-5,1971	-1,0514	15,43	4,33
539	Shell-Thin	SLE-ENVE	Max	0	0	0	-3,0191	-4,4784	-0,9747	15,43	4,16
539	Shell-Thin	SLE-ENVE	Min	0	0	0	-3,8538	-7,3961	-2,2649	11,59	1,74
539	Shell-Thin	SLE-ENVE	Min	0	0	0	-11,3016	-7,8678	-2,4048	11,59	1,73
539	Shell-Thin	SLE-ENVE	Min	0	0	0	-12,3863	-9,8908	-1,9686	12,2	1,73
539	Shell-Thin	SLE-ENVE	Min	0	0	0	-4,2335	-9,3363	-1,8287	12,2	1,74
540	Shell-Thin	SLU-ENVE	Max	0	0	0	-4,6207	-7,8308	-1,3671	24,4	3,57
540	Shell-Thin	SLU-ENVE	Max	0	0	0	-14,3266	-8,81	-1,4361	24,4	3,74
540	Shell-Thin	SLU-ENVE	Max	0	0	0	-14,7713	-9,4764	-1,0203	25,75	3,74
540	Shell-Thin	SLU-ENVE	Max	0	0	0	-4,7764	-8,511	-0,9514	25,75	3,57
540	Shell-Thin	SLU-ENVE	Min	0	0	0	-6,797	-	-2,5315	18,58	1,5
								16,5562			
540	Shell-Thin	SLU-ENVE	Min	0	0	0	-19,8051	-	-2,6571	18,58	1,47
								17,2474			
540	Shell-Thin	SLU-ENVE	Min	0	0	0	-20,7849	-	-1,8506	19,16	1,47
								18,9936			
540	Shell-Thin	SLU-ENVE	Min	0	0	0	-7,1018	-18,218	-1,7249	19,16	1,5
540	Shell-Thin	SLE-ENVE	Max	0	0	0	-3,019	-4,4776	-0,7679	15,4	1,99
540	Shell-Thin	SLE-ENVE	Max	0	0	0	-9,332	-5,1966	-0,8068	15,4	2,08
540	Shell-Thin	SLE-ENVE	Max	0	0	0	-9,5809	-5,5658	-0,5716	16,15	2,08
540	Shell-Thin	SLE-ENVE	Max	0	0	0	-3,1063	-4,856	-0,5327	16,15	1,99
540	Shell-Thin	SLE-ENVE	Min	0	0	0	-4,2336	-9,3366	-1,4165	12,16	0,83
540	Shell-Thin	SLE-ENVE	Min	0	0	0	-12,3867	-9,8926	-1,4866	12,16	0,82
540	Shell-Thin	SLE-ENVE	Min	0	0	0	-12,9313	-	-1,0325	12,48	0,82
								10,8618			
540	Shell-Thin	SLE-ENVE	Min	0	0	0	-4,4038	-10,261	-0,9625	12,48	0,83
737	Shell-Thin	SLU-ENVE	Max	0	0	0	-13,4246	-7,387	-2,568	35,07	9,27
737	Shell-Thin	SLU-ENVE	Max	0	0	0	-28,2669	-9,1731	-3,003	35,07	10,46
737	Shell-Thin	SLU-ENVE	Max	0	0	0	-30,0642	-10,774	-2,5099	39,92	10,46
737	Shell-Thin	SLU-ENVE	Max	0	0	0	-14,3198	-8,8097	-2,0749	39,92	9,27
737	Shell-Thin	SLU-ENVE	Min	0	0	0	-17,8273	-	-4,9626	28,7	3,72
								13,5927			
737	Shell-Thin	SLU-ENVE	Min	0	0	0	-36,3904	-	-5,9528	28,7	4,07
								14,7811			
737	Shell-Thin	SLU-ENVE	Min	0	0	0	-40,7694	-	-4,9236	30,5	4,07
								19,0211			
737	Shell-Thin	SLU-ENVE	Min	0	0	0	-19,7786	-	-3,9334	30,5	3,72
								17,2391			
737	Shell-Thin	SLE-ENVE	Max	0	0	0	-8,83	-4,4082	-1,4433	21,8	5,15
737	Shell-Thin	SLE-ENVE	Max	0	0	0	-18,2352	-5,621	-1,6842	21,8	5,81
737	Shell-Thin	SLE-ENVE	Max	0	0	0	-19,2297	-6,5162	-1,4074	24,49	5,81
737	Shell-Thin	SLE-ENVE	Max	0	0	0	-9,3286	-5,1964	-1,1664	24,49	5,15
737	Shell-Thin	SLE-ENVE	Min	0	0	0	-11,2871	-7,8649	-2,7793	18,26	2,06
737	Shell-Thin	SLE-ENVE	Min	0	0	0	-22,7632	-8,7426	-3,3291	18,26	2,27
737	Shell-Thin	SLE-ENVE	Min	0	0	0	-25,1927	-11,098	-2,7517	19,25	2,27
737	Shell-Thin	SLE-ENVE	Min	0	0	0	-12,3721	-9,8879	-2,2019	19,25	2,06
738	Shell-Thin	SLU-ENVE	Max	0	0	0	-14,3196	-8,8086	-1,6608	39,58	4,5
738	Shell-Thin	SLU-ENVE	Max	0	0	0	-30,059	-10,748	-1,8965	39,58	3,53

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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
738	Shell-Thin	SLU-ENVE	Max	0	0	0	-30,9583	-	-1,3015	41,82	3,53
								11,0664			
738	Shell-Thin	SLU-ENVE	Max	0	0	0	-14,748	-9,4717	-1,0658	41,82	4,5
738	Shell-Thin	SLU-ENVE	Min	0	0	0	-19,7792	-	-3,1241	30,29	1,8
								17,2422			
738	Shell-Thin	SLU-ENVE	Min	0	0	0	-40,7542	-	-3,6311	30,29	1,11
								18,9453			
738	Shell-Thin	SLU-ENVE	Min	0	0	0	-42,8313	-	-2,4455	31,23	1,11
								20,2039			
738	Shell-Thin	SLU-ENVE	Min	0	0	0	-20,7357	-	-1,9385	31,23	1,8
								18,9837			
738	Shell-Thin	SLE-ENVE	Max	0	0	0	-9,3285	-5,1959	-0,933	24,29	2,5
738	Shell-Thin	SLE-ENVE	Max	0	0	0	-19,2266	-6,5006	-1,0656	24,29	1,95
738	Shell-Thin	SLE-ENVE	Max	0	0	0	-19,729	-6,6582	-0,7298	25,54	1,95
738	Shell-Thin	SLE-ENVE	Max	0	0	0	-9,5675	-5,5632	-0,5972	25,54	2,5
738	Shell-Thin	SLE-ENVE	Min	0	0	0	-12,3725	-9,8898	-1,7465	19,12	1
738	Shell-Thin	SLE-ENVE	Min	0	0	0	-25,1842	-	-2,0288	19,12	0,58
								11,0553			
738	Shell-Thin	SLE-ENVE	Min	0	0	0	-26,3391	-	-1,3636	19,65	0,58
								11,7472			
738	Shell-Thin	SLE-ENVE	Min	0	0	0	-12,9038	-	-1,0814	19,65	1
								10,8563			
1022	Shell-Thin	SLU-ENVE	Max	0	0	0	-28,2801	-9,1758	-3,8313	48,48	13,16
1022	Shell-Thin	SLU-ENVE	Max	0	0	0	-48,9076	-	-4,8153	48,48	12,89
								11,3707			
1022	Shell-Thin	SLU-ENVE	Max	0	0	0	-52,6109	-	-3,9171	58,56	12,89
								12,9025			
1022	Shell-Thin	SLU-ENVE	Max	0	0	0	-29,92	-	-2,9331	58,56	13,16
								10,7451			
1022	Shell-Thin	SLU-ENVE	Min	0	0	0	-36,4156	-	-7,8929	39,46	5,11
								14,7861			
1022	Shell-Thin	SLU-ENVE	Min	0	0	0	-62,5578	-	-10,2938	39,46	5,03
								16,0234			
1022	Shell-Thin	SLU-ENVE	Min	0	0	0	-71,6603	-	-8,3929	43,59	5,03
								20,0659			
1022	Shell-Thin	SLU-ENVE	Min	0	0	0	-40,4814	-	-5,992	43,59	5,11
								18,9635			
1022	Shell-Thin	SLE-ENVE	Max	0	0	0	-18,2442	-5,6228	-2,1434	30,18	7,3
1022	Shell-Thin	SLE-ENVE	Max	0	0	0	-31,3297	-7,1487	-2,6878	30,18	7,16
1022	Shell-Thin	SLE-ENVE	Max	0	0	0	-33,3923	-8,0116	-2,1819	35,78	7,16
1022	Shell-Thin	SLE-ENVE	Max	0	0	0	-19,1427	-6,4988	-1,6375	35,78	7,3
1022	Shell-Thin	SLE-ENVE	Min	0	0	0	-22,7779	-8,7456	-4,4057	25,16	2,84
1022	Shell-Thin	SLE-ENVE	Min	0	0	0	-38,9308	-9,7407	-5,7374	25,16	2,81
1022	Shell-Thin	SLE-ENVE	Min	0	0	0	-43,9845	-	-4,6746	27,49	2,81
								11,9902			
1022	Shell-Thin	SLE-ENVE	Min	0	0	0	-25,0301	-	-3,3429	27,49	2,84
								11,0655			
1023	Shell-Thin	SLU-ENVE	Max	0	0	0	-29,9148	-	-2,3579	59,45	5,07
								10,7191			
1023	Shell-Thin	SLU-ENVE	Max	0	0	0	-52,6587	-	-2,6967	59,45	8,08
								13,1414			
1023	Shell-Thin	SLU-ENVE	Max	0	0	0	-53,1792	-	-1,964	59,29	8,08
								14,1202			
1023	Shell-Thin	SLU-ENVE	Max	0	0	0	-31,2992	-	-1,6252	59,29	5,07
								11,1346			

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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
1023	Shell-Thin	SLU-ENVE	Min	0	0	0	-40,4663	-	-4,7301	44,02	1,51
								18,8877			
1023	Shell-Thin	SLU-ENVE	Min	0	0	0	-71,7685	-20,607	-5,8086	44,02	2,63
1023	Shell-Thin	SLU-ENVE	Min	0	0	0	-74,7569	-	-4,233	42,29	2,63
								23,5673			
1023	Shell-Thin	SLU-ENVE	Min	0	0	0	-43,5384	-	-3,1545	42,29	1,51
								20,3453			
1023	Shell-Thin	SLE-ENVE	Max	0	0	0	-19,1396	-6,4832	-1,3191	36,3	2,8
1023	Shell-Thin	SLE-ENVE	Max	0	0	0	-33,4216	-8,1581	-1,4996	36,3	4,48
1023	Shell-Thin	SLE-ENVE	Max	0	0	0	-33,6426	-8,7152	-1,1023	36,12	4,48
1023	Shell-Thin	SLE-ENVE	Max	0	0	0	-19,94	-6,7004	-0,9217	36,12	2,8
1023	Shell-Thin	SLE-ENVE	Min	0	0	0	-25,0215	-	-2,6381	27,77	0,8
								11,0228			
1023	Shell-Thin	SLE-ENVE	Min	0	0	0	-44,0458	-	-3,2339	27,77	1,48
								12,2966			
1023	Shell-Thin	SLE-ENVE	Min	0	0	0	-45,6759	-13,941	-2,3579	26,61	1,48
1023	Shell-Thin	SLE-ENVE	Min	0	0	0	-26,7408	-	-1,7621	26,61	0,8
								11,8276			
1042	Shell-Thin	SLU-ENVE	Max	0	0	0	-48,8967	-	-2,3775	68,71	15,02
								10,2989			
1042	Shell-Thin	SLU-ENVE	Max	0	0	0	-60,8313	-	-3,176	68,71	12,41
								12,3616			
1042	Shell-Thin	SLU-ENVE	Max	0	0	0	-64,8192	-	-2,4686	90,25	12,41
								12,3682			
1042	Shell-Thin	SLU-ENVE	Max	0	0	0	-52,7821	-	-1,6701	90,25	15,02
								11,3346			
1042	Shell-Thin	SLU-ENVE	Min	0	0	0	-62,5316	-	-5,4309	46,32	5,27
								13,6544			
1042	Shell-Thin	SLU-ENVE	Min	0	0	0	-80,5524	-	-7,8777	46,32	3,21
								16,4294			
1042	Shell-Thin	SLU-ENVE	Min	0	0	0	-95,3809	-	-6,1947	46,73	3,21
								17,7402			
1042	Shell-Thin	SLU-ENVE	Min	0	0	0	-71,9758	-	-3,7478	46,73	5,27
								16,2697			
1042	Shell-Thin	SLE-ENVE	Max	0	0	0	-31,3219	-6,553	-1,3303	42,26	8,34
1042	Shell-Thin	SLE-ENVE	Max	0	0	0	-39,0794	-7,937	-1,7729	42,26	6,84
1042	Shell-Thin	SLE-ENVE	Max	0	0	0	-41,2611	-7,8854	-1,3687	54,14	6,84
1042	Shell-Thin	SLE-ENVE	Max	0	0	0	-33,4956	-7,1349	-0,9261	54,14	8,34
1042	Shell-Thin	SLE-ENVE	Min	0	0	0	-38,9155	-8,4221	-3,0243	30,22	2,93
1042	Shell-Thin	SLE-ENVE	Min	0	0	0	-49,9505	-	-4,3822	30,22	1,67
								10,1723			
1042	Shell-Thin	SLE-ENVE	Min	0	0	0	-58,169	-	-3,4417	30,25	1,67
								10,8772			
1042	Shell-Thin	SLE-ENVE	Min	0	0	0	-44,163	-9,8766	-2,0839	30,25	2,93
1043	Shell-Thin	SLU-ENVE	Max	0	0	0	-52,7977	-	-0,8427	92,49	5,96
								11,4127			
1043	Shell-Thin	SLU-ENVE	Max	0	0	0	-64,7213	-	-1,2408	92,49	26,25
								11,8791			
1043	Shell-Thin	SLU-ENVE	Max	0	0	0	-69,6404	-	-1,2695	121,98	26,25
								17,0543			
1043	Shell-Thin	SLU-ENVE	Max	0	0	0	-52,7922	-	-0,8714	121,98	5,96
								11,6976			
1043	Shell-Thin	SLU-ENVE	Min	0	0	0	-72,0112	-	-2,1093	47,75	2,16
								16,4466			
1043	Shell-Thin	SLU-ENVE	Min	0	0	0	-95,1671	-16,671	-3,0205	47,75	11,94

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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
1043	Shell-Thin	SLU-ENVE	Min	0	0	0	-104,4724	-	-2,9598	67,44	11,94
								27,9724			
1043	Shell-Thin	SLU-ENVE	Min	0	0	0	-73,944	-	-2,0486	67,44	2,16
								17,6055			
1043	Shell-Thin	SLE-ENVE	Max	0	0	0	-33,5052	-7,1828	-0,4399	55,42	3,3
1043	Shell-Thin	SLE-ENVE	Max	0	0	0	-41,2013	-7,5865	-0,6622	55,42	14,8
1043	Shell-Thin	SLE-ENVE	Max	0	0	0	-44,0967	-	-0,7184	72,22	14,8
								10,7393			
1043	Shell-Thin	SLE-ENVE	Max	0	0	0	-33,4035	-7,3302	-0,4962	72,22	3,3
1043	Shell-Thin	SLE-ENVE	Min	0	0	0	-44,183	-9,9767	-1,1617	30,89	1,18
1043	Shell-Thin	SLE-ENVE	Min	0	0	0	-58,048	-	-1,6679	30,89	7,19
								10,2722			
1043	Shell-Thin	SLE-ENVE	Min	0	0	0	-63,2811	-	-1,65	42,88	7,19
								16,6619			
1043	Shell-Thin	SLE-ENVE	Min	0	0	0	-45,2146	-	-1,1438	42,88	1,18
								10,6141			
1062	Shell-Thin	SLU-ENVE	Max	0	0	0	-60,827	-	-4,0223	-87,29	10,74
								12,3608			
1062	Shell-Thin	SLU-ENVE	Max	0	0	0	-34,0568	-4,8937	-4,8083	-87,29	7,76
1062	Shell-Thin	SLU-ENVE	Max	0	0	0	-38,4379	-2,9529	-4,0469	-88,9	7,76
1062	Shell-Thin	SLU-ENVE	Max	0	0	0	-64,8384	-	-3,2609	-88,9	10,74
								12,3721			
1062	Shell-Thin	SLU-ENVE	Min	0	0	0	-80,5451	-	-10,9829	-190,67	3,17
								16,4279			
1062	Shell-Thin	SLU-ENVE	Min	0	0	0	-39,3881	-6,9456	-13,004	-190,67	3,86
1062	Shell-Thin	SLU-ENVE	Min	0	0	0	-42,9967	-7,3039	-10,6558	-232,75	3,86
1062	Shell-Thin	SLU-ENVE	Min	0	0	0	-95,4454	-	-8,6346	-232,75	3,17
								17,7531			
1062	Shell-Thin	SLE-ENVE	Max	0	0	0	-39,0768	-7,9365	-2,2304	-52,36	5,91
1062	Shell-Thin	SLE-ENVE	Max	0	0	0	-24,1848	-3,7699	-2,6663	-52,36	4,31
1062	Shell-Thin	SLE-ENVE	Max	0	0	0	-26,6208	-2,6931	-2,2509	-53,07	4,31
1062	Shell-Thin	SLE-ENVE	Max	0	0	0	-41,2729	-7,8878	-1,815	-53,07	5,91
1062	Shell-Thin	SLE-ENVE	Min	0	0	0	-49,9463	-	-6,1006	-105,66	1,65
								10,1715			
1062	Shell-Thin	SLE-ENVE	Min	0	0	0	-27,0347	-4,7178	-7,2221	-105,66	2,15
1062	Shell-Thin	SLE-ENVE	Min	0	0	0	-31,0427	-4,9217	-5,9204	-128,95	2,15
1062	Shell-Thin	SLE-ENVE	Min	0	0	0	-58,2053	-	-4,7989	-128,95	1,65
								10,8845			
1063	Shell-Thin	SLU-ENVE	Max	0	0	0	-64,7406	-	-2,8012	-90,35	26,3
								11,8829			
1063	Shell-Thin	SLU-ENVE	Max	0	0	0	-38,5029	-3,2782	-3,2391	-90,35	10,45
1063	Shell-Thin	SLU-ENVE	Max	0	0	0	-41,3864	-6,3418	-1,494	-107,92	10,45
1063	Shell-Thin	SLU-ENVE	Max	0	0	0	-69,5807	-	-1,0561	-107,92	26,3
								17,0424			
1063	Shell-Thin	SLU-ENVE	Min	0	0	0	-95,2315	-	-6,515	-235,94	12,07
								16,6838			
1063	Shell-Thin	SLU-ENVE	Min	0	0	0	-43,0285	-7,4627	-7,4596	-235,94	2,25
1063	Shell-Thin	SLU-ENVE	Min	0	0	0	-44,6767	-7,7111	-3,2554	-260,82	2,25
1063	Shell-Thin	SLU-ENVE	Min	0	0	0	-104,3367	-	-2,3236	-260,82	12,07
								27,9452			
1063	Shell-Thin	SLE-ENVE	Max	0	0	0	-41,2131	-7,5889	-1,5819	-53,93	14,84
1063	Shell-Thin	SLE-ENVE	Max	0	0	0	-26,6577	-2,878	-1,8289	-53,93	5,82
1063	Shell-Thin	SLE-ENVE	Max	0	0	0	-28,2319	-4,7346	-0,8249	-64,58	5,82
1063	Shell-Thin	SLE-ENVE	Max	0	0	0	-44,0599	-	-0,5779	-64,58	14,84
								10,7319			

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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
1063	Shell-Thin	SLE-ENVE	Min	0	0	0	-58,0843	-	-3,6299	-130,75	7,27
								10,2795			
1063	Shell-Thin	SLE-ENVE	Min	0	0	0	-31,0702	-5,0201	-4,1558	-130,75	1,28
1063	Shell-Thin	SLE-ENVE	Min	0	0	0	-31,8251	-5,1671	-1,8032	-144,93	1,28
1063	Shell-Thin	SLE-ENVE	Min	0	0	0	-63,2042	-	-1,2824	-144,93	7,27
								16,6465			
1082	Shell-Thin	SLU-ENVE	Max	0	0	0	-34,1007	-4,9025	-6,0984	-79,48	4,37
1082	Shell-Thin	SLU-ENVE	Max	0	0	0	31,8326	13,3083	-7,1836	-79,48	-0,39
1082	Shell-Thin	SLU-ENVE	Max	0	0	0	33,9686	20,274	-5,9027	-83,33	-0,39
1082	Shell-Thin	SLU-ENVE	Max	0	0	0	-38,3526	-2,9359	-4,8175	-83,33	4,37
1082	Shell-Thin	SLU-ENVE	Min	0	0	0	-39,3971	-6,9474	-14,7129	-137,6	-2,31
1082	Shell-Thin	SLU-ENVE	Min	0	0	0	-0,9367	3,2048	-15,5259	-137,6	-12,31
1082	Shell-Thin	SLU-ENVE	Min	0	0	0	-2,4844	4,4866	-12,6572	-150,38	-12,31
1082	Shell-Thin	SLU-ENVE	Min	0	0	0	-42,8683	-7,2782	-11,8442	-150,38	-2,31
1082	Shell-Thin	SLE-ENVE	Max	0	0	0	-24,2098	-3,7749	-3,3874	-47,09	2,43
1082	Shell-Thin	SLE-ENVE	Max	0	0	0	12,4193	6,3402	-3,9899	-47,09	-0,21
1082	Shell-Thin	SLE-ENVE	Max	0	0	0	13,6099	10,2063	-3,2807	-49,26	-0,21
1082	Shell-Thin	SLE-ENVE	Max	0	0	0	-26,5712	-2,6832	-2,6783	-49,26	2,43
1082	Shell-Thin	SLE-ENVE	Min	0	0	0	-27,046	-4,7191	-8,1718	-76,44	-1,28
1082	Shell-Thin	SLE-ENVE	Min	0	0	0	-3,364	1,2125	-8,6223	-76,44	-6,83
1082	Shell-Thin	SLE-ENVE	Min	0	0	0	-4,2155	1,918	-7,0301	-83,55	-6,83
1082	Shell-Thin	SLE-ENVE	Min	0	0	0	-30,9141	-4,9063	-6,5796	-83,55	-1,28
1083	Shell-Thin	SLU-ENVE	Max	0	0	0	-38,4177	-3,2611	-3,5766	-84,58	8,48
1083	Shell-Thin	SLU-ENVE	Max	0	0	0	33,9833	20,3477	-3,9946	-84,58	2,86
1083	Shell-Thin	SLU-ENVE	Max	0	0	0	32,9381	19,6975	-2,128	-84,1	2,86
1083	Shell-Thin	SLU-ENVE	Max	0	0	0	-41,9357	-6,4281	-1,71	-84,1	8,48
1083	Shell-Thin	SLU-ENVE	Min	0	0	0	-42,9	-7,437	-8,186	-153,38	1,49
1083	Shell-Thin	SLU-ENVE	Min	0	0	0	-2,4778	4,5192	-8,9653	-153,38	-2,37
1083	Shell-Thin	SLU-ENVE	Min	0	0	0	-3,5481	5,3619	-4,6788	-158,32	-2,37
1083	Shell-Thin	SLU-ENVE	Min	0	0	0	-45,1237	-7,7628	-3,8995	-158,32	1,49
1083	Shell-Thin	SLE-ENVE	Max	0	0	0	-26,6081	-2,868	-1,9917	-49,98	4,72
1083	Shell-Thin	SLE-ENVE	Max	0	0	0	13,6182	10,2477	-2,2181	-49,98	1,58
1083	Shell-Thin	SLE-ENVE	Max	0	0	0	13,0316	9,8893	-1,1736	-49,6	1,58
1083	Shell-Thin	SLE-ENVE	Max	0	0	0	-28,5441	-4,797	-0,9472	-49,6	4,72
1083	Shell-Thin	SLE-ENVE	Min	0	0	0	-30,9416	-5,0047	-4,5488	-85,22	0,84
1083	Shell-Thin	SLE-ENVE	Min	0	0	0	-4,2117	1,9373	-4,979	-85,22	-1,34
1083	Shell-Thin	SLE-ENVE	Min	0	0	0	-4,8216	2,4131	-2,5953	-87,92	-1,34
1083	Shell-Thin	SLE-ENVE	Min	0	0	0	-32,0817	-5,1992	-2,1651	-87,92	0,84
1102	Shell-Thin	SLU-ENVE	Max	0	0	0	31,8325	13,3083	-8,1864	-71,54	-1,25
1102	Shell-Thin	SLU-ENVE	Max	0	0	0	82,0342	28,068	-8,8245	-71,54	-5,63
1102	Shell-Thin	SLU-ENVE	Max	0	0	0	88,1175	39,1182	-7,1397	-73,87	-5,63
1102	Shell-Thin	SLU-ENVE	Max	0	0	0	33,9113	20,2625	-6,5016	-73,87	-1,25
1102	Shell-Thin	SLU-ENVE	Min	0	0	0	-0,9321	3,2057	-15,7898	-120,49	-14,27
1102	Shell-Thin	SLU-ENVE	Min	0	0	0	33,1529	13,0869	-15,434	-120,49	-23,75
1102	Shell-Thin	SLU-ENVE	Min	0	0	0	32,6751	16,5414	-12,3938	-135,04	-23,75
1102	Shell-Thin	SLU-ENVE	Min	0	0	0	-2,5736	4,4687	-12,5746	-135,04	-14,27
1102	Shell-Thin	SLE-ENVE	Max	0	0	0	12,4199	6,3403	-4,5462	-41,47	-0,68
1102	Shell-Thin	SLE-ENVE	Max	0	0	0	38,5855	14,5742	-4,8998	-41,47	-3,12
1102	Shell-Thin	SLE-ENVE	Max	0	0	0	41,9368	20,3193	-3,9633	-42,76	-3,12
1102	Shell-Thin	SLE-ENVE	Max	0	0	0	13,5765	10,1996	-3,6098	-42,76	-0,68
1102	Shell-Thin	SLE-ENVE	Min	0	0	0	-3,3602	1,2133	-8,7657	-66,57	-7,92
1102	Shell-Thin	SLE-ENVE	Min	0	0	0	16,4405	6,8743	-8,5673	-66,57	-13,18

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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
1102	Shell-Thin	SLE-ENVE	Min	0	0	0	16,1743	8,7902	-6,8817	-74,64	-13,18
1102	Shell-Thin	SLE-ENVE	Min	0	0	0	-4,2691	1,9073	-6,9824	-74,64	-7,92
1103	Shell-Thin	SLU-ENVE	Max	0	0	0	33,9261	20,3363	-4,6114	-74,96	0,7
1103	Shell-Thin	SLU-ENVE	Max	0	0	0	88,1124	39,0927	-4,9394	-74,96	-1,7
1103	Shell-Thin	SLU-ENVE	Max	0	0	0	89,9373	41,2324	-2,7059	-76,09	-1,7
1103	Shell-Thin	SLU-ENVE	Max	0	0	0	33,1791	19,7456	-2,3779	-76,09	0,7
1103	Shell-Thin	SLU-ENVE	Min	0	0	0	-2,5671	4,5014	-9,1703	-136,67	-4,25
1103	Shell-Thin	SLU-ENVE	Min	0	0	0	32,677	16,551	-8,9317	-136,67	-7,27
1103	Shell-Thin	SLU-ENVE	Min	0	0	0	32,4347	18,2786	-4,8445	-140,05	-7,27
1103	Shell-Thin	SLU-ENVE	Min	0	0	0	-3,3744	5,3966	-5,0831	-140,05	-4,25
1103	Shell-Thin	SLE-ENVE	Max	0	0	0	13,5848	10,241	-2,5582	-43,36	0,38
1103	Shell-Thin	SLE-ENVE	Max	0	0	0	41,9339	20,305	-2,741	-43,36	-0,94
1103	Shell-Thin	SLE-ENVE	Max	0	0	0	42,946	21,8825	-1,5015	-43,99	-0,94
1103	Shell-Thin	SLE-ENVE	Max	0	0	0	13,1701	9,917	-1,3186	-43,99	0,38
1103	Shell-Thin	SLE-ENVE	Min	0	0	0	-4,2652	1,9266	-5,0915	-75,55	-2,38
1103	Shell-Thin	SLE-ENVE	Min	0	0	0	16,1753	8,7954	-4,9592	-75,55	-4,04
1103	Shell-Thin	SLE-ENVE	Min	0	0	0	16,0397	9,7544	-2,6901	-77,42	-4,04
1103	Shell-Thin	SLE-ENVE	Min	0	0	0	-4,7137	2,4347	-2,8224	-77,42	-2,38
1122	Shell-Thin	SLU-ENVE	Max	0	0	0	81,9864	28,0617	-9,3858	-65,3	-6,35
1122	Shell-Thin	SLU-ENVE	Max	0	0	0	124,0314	41,3234	-9,67	-65,3	-11,7
1122	Shell-Thin	SLU-ENVE	Max	0	0	0	135,4372	57,186	-7,816	-68,27	-11,7
1122	Shell-Thin	SLU-ENVE	Max	0	0	0	87,9446	39,0836	-7,5318	-68,27	-6,35
1122	Shell-Thin	SLU-ENVE	Min	0	0	0	33,1372	13,0838	-15,0449	-91,31	-27,86
1122	Shell-Thin	SLU-ENVE	Min	0	0	0	63,931	22,5008	-13,9735	-91,31	-38,52
1122	Shell-Thin	SLU-ENVE	Min	0	0	0	64,9509	28,6373	-11,0034	-103,2	-38,52
1122	Shell-Thin	SLU-ENVE	Min	0	0	0	32,6719	16,5408	-12,0666	-103,2	-27,86
1122	Shell-Thin	SLE-ENVE	Max	0	0	0	38,568	14,5707	-5,2111	-36,78	-3,52
1122	Shell-Thin	SLE-ENVE	Max	0	0	0	62,6271	22,0084	-5,3692	-36,78	-6,49
1122	Shell-Thin	SLE-ENVE	Max	0	0	0	67,8152	30,814	-4,3394	-38,42	-6,49
1122	Shell-Thin	SLE-ENVE	Max	0	0	0	41,841	20,3002	-4,1814	-38,42	-3,52
1122	Shell-Thin	SLE-ENVE	Min	0	0	0	16,4316	6,8726	-8,3544	-51,43	-15,46
1122	Shell-Thin	SLE-ENVE	Min	0	0	0	33,7898	12,1549	-7,7599	-51,43	-21,37
1122	Shell-Thin	SLE-ENVE	Min	0	0	0	34,3542	15,5581	-6,1099	-58,03	-21,37
1122	Shell-Thin	SLE-ENVE	Min	0	0	0	16,1727	8,7898	-6,7003	-58,03	-15,46
1123	Shell-Thin	SLU-ENVE	Max	0	0	0	87,9395	39,0581	-5,3289	-69,63	-2,85
1123	Shell-Thin	SLU-ENVE	Max	0	0	0	135,438	57,1571	-5,4253	-69,63	-0,66
1123	Shell-Thin	SLU-ENVE	Max	0	0	0	137,5975	59,8564	-2,8059	-71,61	-0,66
1123	Shell-Thin	SLU-ENVE	Max	0	0	0	89,9096	41,2159	-2,7921	-71,61	-2,85
1123	Shell-Thin	SLU-ENVE	Min	0	0	0	32,6738	16,5504	-8,1467	-104,93	-8,42
1123	Shell-Thin	SLU-ENVE	Min	0	0	0	64,9501	28,6334	-7,4401	-104,93	-7,12
1123	Shell-Thin	SLU-ENVE	Min	0	0	0	65,6718	31,4751	-3,6982	-105,8	-7,12
1123	Shell-Thin	SLU-ENVE	Min	0	0	0	32,4024	18,2722	-4,3078	-105,8	-8,42
1123	Shell-Thin	SLE-ENVE	Max	0	0	0	41,8382	20,2859	-2,9581	-39,18	-1,58
1123	Shell-Thin	SLE-ENVE	Max	0	0	0	67,8157	30,7979	-3,012	-39,18	-0,36
1123	Shell-Thin	SLE-ENVE	Max	0	0	0	69,0134	32,2959	-1,557	-40,28	-0,36
1123	Shell-Thin	SLE-ENVE	Max	0	0	0	42,9305	21,8733	-1,5495	-40,28	-1,58
1123	Shell-Thin	SLE-ENVE	Min	0	0	0	16,1737	8,795	-4,5236	-58,99	-4,68
1123	Shell-Thin	SLE-ENVE	Min	0	0	0	34,3538	15,5559	-4,1312	-58,99	-3,95
1123	Shell-Thin	SLE-ENVE	Min	0	0	0	34,7541	17,1336	-2,0533	-59,47	-3,95
1123	Shell-Thin	SLE-ENVE	Min	0	0	0	16,0216	9,7508	-2,392	-59,47	-4,68
1142	Shell-Thin	SLU-ENVE	Max	0	0	0	124,0196	41,3164	-7,2713	-31,82	-13,07
1142	Shell-Thin	SLU-ENVE	Max	0	0	0	149,4265	50,1801	-4,514	-31,82	-20,97

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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
1142	Shell-Thin	SLU-ENVE	Max	0	0	0	162,716	71,0558	-3,5131	-25,86	-20,97
1142	Shell-Thin	SLU-ENVE	Max	0	0	0	135,4162	57,1516	-6,2704	-25,86	-13,07
1142	Shell-Thin	SLU-ENVE	Min	0	0	0	63,9098	22,4965	-12,3555	-68,84	-39,15
1142	Shell-Thin	SLU-ENVE	Min	0	0	0	92,768	31,2379	-10,3733	-68,84	-47,55
1142	Shell-Thin	SLU-ENVE	Min	0	0	0	96,863	41,3264	-8,0233	-78,1	-47,55
1142	Shell-Thin	SLU-ENVE	Min	0	0	0	64,9546	28,638	-10,0055	-78,1	-39,15
1142	Shell-Thin	SLE-ENVE	Max	0	0	0	62,6075	22,0045	-4,0351	-17,19	-7,25
1142	Shell-Thin	SLE-ENVE	Max	0	0	0	78,7983	27,0336	-2,5045	-17,19	-11,63
1142	Shell-Thin	SLE-ENVE	Max	0	0	0	86,1776	38,6223	-1,9488	-13,88	-11,63
1142	Shell-Thin	SLE-ENVE	Max	0	0	0	67,8036	30,7949	-3,4794	-13,88	-7,25
1142	Shell-Thin	SLE-ENVE	Min	0	0	0	33,778	12,1525	-6,8613	-37,89	-21,72
1142	Shell-Thin	SLE-ENVE	Min	0	0	0	49,446	16,9359	-5,7606	-37,89	-26,4
1142	Shell-Thin	SLE-ENVE	Min	0	0	0	51,7184	22,5332	-4,4554	-43,03	-26,4
1142	Shell-Thin	SLE-ENVE	Min	0	0	0	34,3564	15,5585	-5,556	-43,03	-21,72
1143	Shell-Thin	SLU-ENVE	Max	0	0	0	135,417	57,1227	-4,2968	-27,04	-0,87
1143	Shell-Thin	SLU-ENVE	Max	0	0	0	162,7119	71,0355	-3,3329	-27,04	-4,64
1143	Shell-Thin	SLU-ENVE	Max	0	0	0	166,2697	72,1532	-1,7375	-28,47	-4,64
1143	Shell-Thin	SLU-ENVE	Max	0	0	0	137,5863	59,8554	-2,7013	-28,47	-0,87
1143	Shell-Thin	SLU-ENVE	Min	0	0	0	64,9538	28,6341	-6,4361	-79,39	-7,99
1143	Shell-Thin	SLU-ENVE	Min	0	0	0	96,8556	41,2892	-5,5494	-79,39	-7,25
1143	Shell-Thin	SLU-ENVE	Min	0	0	0	99,3563	44,0762	-2,5521	-81,6	-7,25
1143	Shell-Thin	SLU-ENVE	Min	0	0	0	65,5975	31,4602	-3,4389	-81,6	-7,99
1143	Shell-Thin	SLE-ENVE	Max	0	0	0	67,804	30,7788	-2,3842	-14,53	-0,48
1143	Shell-Thin	SLE-ENVE	Max	0	0	0	86,1753	38,611	-1,8494	-14,53	-2,57
1143	Shell-Thin	SLE-ENVE	Max	0	0	0	88,1504	39,2295	-0,9643	-15,32	-2,57
1143	Shell-Thin	SLE-ENVE	Max	0	0	0	69,0071	32,2953	-1,4992	-15,32	-0,48
1143	Shell-Thin	SLE-ENVE	Min	0	0	0	34,3559	15,5563	-3,5738	-43,75	-4,44
1143	Shell-Thin	SLE-ENVE	Min	0	0	0	51,7143	22,5125	-3,0815	-43,75	-4,01
1143	Shell-Thin	SLE-ENVE	Min	0	0	0	53,1024	24,059	-1,4172	-44,98	-4,01
1143	Shell-Thin	SLE-ENVE	Min	0	0	0	34,7128	17,1254	-1,9095	-44,98	-4,44
1182	Shell-Thin	SLU-ENVE	Max	0	0	0	152,3714	51,6917	3,9829	35,6	-31,32
1182	Shell-Thin	SLU-ENVE	Max	0	0	0	149,3976	50,1944	7,069	35,6	-34,92
1182	Shell-Thin	SLU-ENVE	Max	0	0	0	162,5511	71,0483	5,9175	40,84	-34,92
1182	Shell-Thin	SLU-ENVE	Max	0	0	0	165,0929	72,6325	2,8313	40,84	-31,32
1182	Shell-Thin	SLU-ENVE	Min	0	0	0	117,8702	38,0219	-2,346	-3,51	-49,21
1182	Shell-Thin	SLU-ENVE	Min	0	0	0	119,5359	38,3678	0,8706	-3,51	-49
1182	Shell-Thin	SLU-ENVE	Min	0	0	0	130,5291	54,4173	0,9623	-4,59	-49
1182	Shell-Thin	SLU-ENVE	Min	0	0	0	128,645	53,6133	-2,2543	-4,59	-49,21
1182	Shell-Thin	SLE-ENVE	Max	0	0	0	81,1243	28,0121	2,2116	18,63	-17,36
1182	Shell-Thin	SLE-ENVE	Max	0	0	0	78,7822	27,0415	3,9255	18,63	-19,36
1182	Shell-Thin	SLE-ENVE	Max	0	0	0	86,086	38,6181	3,286	21,53	-19,36
1182	Shell-Thin	SLE-ENVE	Max	0	0	0	88,1883	39,6362	1,5721	21,53	-17,36
1182	Shell-Thin	SLE-ENVE	Min	0	0	0	62,5102	20,528	-1,3026	-0,34	-27,32
1182	Shell-Thin	SLE-ENVE	Min	0	0	0	62,6271	20,5576	0,4837	-0,34	-27,21
1182	Shell-Thin	SLE-ENVE	Min	0	0	0	68,7311	29,4666	0,5344	-2,72	-27,21
1182	Shell-Thin	SLE-ENVE	Min	0	0	0	68,4932	29,1819	-1,2519	-2,72	-27,32
1183	Shell-Thin	SLU-ENVE	Max	0	0	0	165,0843	72,5896	2,1346	41,44	-1,83
1183	Shell-Thin	SLU-ENVE	Max	0	0	0	162,5464	71,0249	3,5918	41,44	-2,28
1183	Shell-Thin	SLU-ENVE	Max	0	0	0	166,2961	72,1653	2,1339	43,36	-2,28
1183	Shell-Thin	SLU-ENVE	Max	0	0	0	169,3888	74,492	0,6767	43,36	-1,83
1183	Shell-Thin	SLU-ENVE	Min	0	0	0	128,6439	53,6078	-1,0077	-4,2	-12,82
1183	Shell-Thin	SLU-ENVE	Min	0	0	0	130,5275	54,4094	0,0556	-4,2	-7,83

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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
1183	Shell-Thin	SLU-ENVE	Min	0	0	0	133,1381	54,4845	0,2736	-4,47	-7,83
1183	Shell-Thin	SLU-ENVE	Min	0	0	0	131,1224	53,4598	-0,7897	-4,47	-12,82
1183	Shell-Thin	SLE-ENVE	Max	0	0	0	88,1835	39,6124	1,1852	21,87	-1,01
1183	Shell-Thin	SLE-ENVE	Max	0	0	0	86,0834	38,6051	1,9944	21,87	-1,26
1183	Shell-Thin	SLE-ENVE	Max	0	0	0	88,1651	39,2362	1,1849	22,93	-1,26
1183	Shell-Thin	SLE-ENVE	Max	0	0	0	90,5736	40,6666	0,3757	22,93	-1,01
1183	Shell-Thin	SLE-ENVE	Min	0	0	0	68,4926	29,1789	-0,5596	-2,42	-7,11
1183	Shell-Thin	SLE-ENVE	Min	0	0	0	68,7302	29,4623	0,0307	-2,42	-4,35
1183	Shell-Thin	SLE-ENVE	Min	0	0	0	70,1793	29,502	0,1518	-2,15	-4,35
1183	Shell-Thin	SLE-ENVE	Min	0	0	0	69,8683	29,0945	-0,4386	-2,15	-7,11
1222	Shell-Thin	SLU-ENVE	Max	0	0	0	123,9325	41,3519	14,0641	91,28	-24,89
1222	Shell-Thin	SLU-ENVE	Max	0	0	0	81,9432	28,057	15,1255	91,28	-17,16
1222	Shell-Thin	SLU-ENVE	Max	0	0	0	88,0444	39,0872	12,1246	102,43	-17,16
1222	Shell-Thin	SLU-ENVE	Max	0	0	0	135,0874	57,1842	11,0632	102,43	-24,89
1222	Shell-Thin	SLU-ENVE	Min	0	0	0	97,4706	32,2004	8,3071	59,53	-38,34
1222	Shell-Thin	SLU-ENVE	Min	0	0	0	62,6493	23,5246	9,2115	59,53	-27,84
1222	Shell-Thin	SLU-ENVE	Min	0	0	0	63,8903	31,8328	7,5037	62,43	-27,84
1222	Shell-Thin	SLU-ENVE	Min	0	0	0	102,439	43,7422	6,5993	62,43	-38,34
1222	Shell-Thin	SLE-ENVE	Max	0	0	0	62,6022	22,0243	7,8102	51,41	-13,82
1222	Shell-Thin	SLE-ENVE	Max	0	0	0	38,5628	14,5682	8,3992	51,41	-9,52
1222	Shell-Thin	SLE-ENVE	Max	0	0	0	41,8965	20,3017	6,7325	57,6	-9,52
1222	Shell-Thin	SLE-ENVE	Max	0	0	0	67,6212	30,813	6,1435	57,6	-13,82
1222	Shell-Thin	SLE-ENVE	Min	0	0	0	49,7309	17,003	4,6123	34	-21,27
1222	Shell-Thin	SLE-ENVE	Min	0	0	0	31,8125	12,0897	5,1141	34	-15,45
1222	Shell-Thin	SLE-ENVE	Min	0	0	0	32,5007	17,0811	4,1657	35,61	-15,45
1222	Shell-Thin	SLE-ENVE	Min	0	0	0	52,488	23,4094	3,6639	35,61	-21,27
1223	Shell-Thin	SLU-ENVE	Max	0	0	0	135,0874	57,1496	7,4691	104,14	-0,9
1223	Shell-Thin	SLU-ENVE	Max	0	0	0	88,0411	39,0708	8,1886	104,14	-2,75
1223	Shell-Thin	SLU-ENVE	Max	0	0	0	89,7197	41,212	4,3342	106,07	-2,75
1223	Shell-Thin	SLU-ENVE	Max	0	0	0	137,439	59,9006	3,7168	106,07	-0,9
1223	Shell-Thin	SLU-ENVE	Min	0	0	0	102,4278	43,6859	4,4933	63,68	-8,4
1223	Shell-Thin	SLU-ENVE	Min	0	0	0	63,8854	31,8083	5,4123	63,68	-8,37
1223	Shell-Thin	SLU-ENVE	Min	0	0	0	65,1399	34,7953	3,077	65,15	-8,37
1223	Shell-Thin	SLU-ENVE	Min	0	0	0	105,5464	46,9675	2,158	65,15	-8,4
1223	Shell-Thin	SLE-ENVE	Max	0	0	0	67,6212	30,7938	4,1472	58,55	-0,49
1223	Shell-Thin	SLE-ENVE	Max	0	0	0	41,8947	20,2926	4,5469	58,55	-1,52
1223	Shell-Thin	SLE-ENVE	Max	0	0	0	42,8258	21,8714	2,4067	59,62	-1,52
1223	Shell-Thin	SLE-ENVE	Max	0	0	0	68,9254	32,3203	2,0637	59,62	-0,49
1223	Shell-Thin	SLE-ENVE	Min	0	0	0	52,4817	23,3781	2,4945	36,31	-4,66
1223	Shell-Thin	SLE-ENVE	Min	0	0	0	32,498	17,0675	3,0047	36,31	-4,65
1223	Shell-Thin	SLE-ENVE	Min	0	0	0	33,1942	18,3706	1,7082	37,12	-4,65
1223	Shell-Thin	SLE-ENVE	Min	0	0	0	54,2131	25,2	1,1981	37,12	-4,66
1262	Shell-Thin	SLU-ENVE	Max	0	0	0	34,168	13,3033	15,4843	137,59	-5,33
1262	Shell-Thin	SLU-ENVE	Max	0	0	0	-28,8308	-4,0706	14,7021	137,59	4,28
1262	Shell-Thin	SLU-ENVE	Max	0	0	0	-31,662	-1,5243	11,8411	150,7	4,28
1262	Shell-Thin	SLU-ENVE	Max	0	0	0	40,1249	21,2108	12,6233	150,7	-5,33
1262	Shell-Thin	SLU-ENVE	Min	0	0	0	18,9919	10,0003	13,1759	118,74	-17,63
1262	Shell-Thin	SLU-ENVE	Min	0	0	0	-37,8758	-5,8709	12,5751	118,74	-5,46
1262	Shell-Thin	SLU-ENVE	Min	0	0	0	-42,5855	-5,7366	10,0748	129,06	-5,46
1262	Shell-Thin	SLU-ENVE	Min	0	0	0	19,7656	15,2137	10,5869	129,06	-17,63
1262	Shell-Thin	SLE-ENVE	Max	0	0	0	13,8016	6,3375	8,599	76,43	-2,94
1262	Shell-Thin	SLE-ENVE	Max	0	0	0	-21,3125	-3,3187	8,1657	76,43	2,38

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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
1262	Shell-Thin	SLE-ENVE	Max	0	0	0	-22,8865	-1,9053	6,5778	83,72	2,38
1262	Shell-Thin	SLE-ENVE	Max	0	0	0	17,1155	10,7429	7,0112	83,72	-2,94
1262	Shell-Thin	SLE-ENVE	Min	0	0	0	6,9413	4,8347	7,317	67,97	-9,79
1262	Shell-Thin	SLE-ENVE	Min	0	0	0	-27,0513	-4,4468	6,985	67,97	-3,03
1262	Shell-Thin	SLE-ENVE	Min	0	0	0	-30,923	-4,6382	5,5982	73,73	-3,03
1262	Shell-Thin	SLE-ENVE	Min	0	0	0	6,6163	7,3366	5,8805	73,73	-9,79
1263	Shell-Thin	SLU-ENVE	Max	0	0	0	40,1414	21,2934	8,9713	153,71	6,38
1263	Shell-Thin	SLU-ENVE	Max	0	0	0	-31,7213	-1,8206	8,1591	153,71	8,62
1263	Shell-Thin	SLU-ENVE	Max	0	0	0	-34,3029	-5,5431	3,8742	158,13	8,62
1263	Shell-Thin	SLU-ENVE	Max	0	0	0	39,3726	19,6734	4,6864	158,13	6,38
1263	Shell-Thin	SLU-ENVE	Min	0	0	0	19,7798	15,2847	7,4565	131,57	-2,17
1263	Shell-Thin	SLU-ENVE	Min	0	0	0	-42,6314	-5,9662	7,0286	131,57	2,12
1263	Shell-Thin	SLU-ENVE	Min	0	0	0	-45,0948	-7,4191	3,2612	134,5	2,12
1263	Shell-Thin	SLU-ENVE	Min	0	0	0	18,4697	15,1614	3,6891	134,5	-2,17
1263	Shell-Thin	SLE-ENVE	Max	0	0	0	17,1248	10,7895	4,9823	85,41	3,53
1263	Shell-Thin	SLE-ENVE	Max	0	0	0	-22,9205	-2,0753	4,5338	85,41	4,79
1263	Shell-Thin	SLE-ENVE	Max	0	0	0	-24,332	-4,1502	2,151	87,81	4,79
1263	Shell-Thin	SLE-ENVE	Max	0	0	0	16,6903	9,8762	2,5995	87,81	3,53
1263	Shell-Thin	SLE-ENVE	Min	0	0	0	6,6191	7,3504	4,1409	75,14	-1,23
1263	Shell-Thin	SLE-ENVE	Min	0	0	0	-30,9505	-4,7758	3,9065	75,14	1,19
1263	Shell-Thin	SLE-ENVE	Min	0	0	0	-32,0658	-5,0637	1,8102	76,68	1,19
1263	Shell-Thin	SLE-ENVE	Min	0	0	0	6,3392	7,7034	2,0446	76,68	-1,23
1282	Shell-Thin	SLU-ENVE	Max	0	0	0	-28,7734	-4,0591	13,0047	190,7	7,72
1282	Shell-Thin	SLU-ENVE	Max	0	0	0	-68,6226	-	10,9835	190,7	10,74
1282	Shell-Thin	SLU-ENVE	Max	0	0	0	-78,3477	-	13,9919	8,6277	232,78
1282	Shell-Thin	SLU-ENVE	Max	0	0	0	-31,6639	-1,5246	14,7897	8,6277	232,78
1282	Shell-Thin	SLU-ENVE	Min	0	0	0	-37,8466	-5,865	10,2979	135,31	1,98
1282	Shell-Thin	SLU-ENVE	Min	0	0	0	-80,5486	-	16,4274	8,5599	135,31
1282	Shell-Thin	SLU-ENVE	Min	0	0	0	-95,4475	-17,754	6,9371	145,43	8,55
1282	Shell-Thin	SLU-ENVE	Min	0	0	0	-42,7973	-5,779	8,675	145,43	1,98
1282	Shell-Thin	SLE-ENVE	Max	0	0	0	-21,2798	-3,3122	7,2225	105,68	4,29
1282	Shell-Thin	SLE-ENVE	Max	0	0	0	-45,833	-9,3274	6,1009	105,68	5,91
1282	Shell-Thin	SLE-ENVE	Max	0	0	0	-51,1952	-9,7153	4,7951	128,97	5,91
1282	Shell-Thin	SLE-ENVE	Max	0	0	0	-22,8904	-1,9061	5,9166	128,97	4,29
1282	Shell-Thin	SLE-ENVE	Min	0	0	0	-27,0405	-4,4446	5,7155	76,95	1,1
1282	Shell-Thin	SLE-ENVE	Min	0	0	0	-49,9483	-	10,1712	4,7522	76,95
1282	Shell-Thin	SLE-ENVE	Min	0	0	0	-58,2064	-10,885	3,8578	82,38	4,63
1282	Shell-Thin	SLE-ENVE	Min	0	0	0	-31,0461	-4,6629	4,8211	82,38	1,1
1283	Shell-Thin	SLU-ENVE	Max	0	0	0	-31,7232	-1,821	7,4369	235,95	10,49
1283	Shell-Thin	SLU-ENVE	Max	0	0	0	-78,1924	-	14,0136	6,5001	235,95
1283	Shell-Thin	SLU-ENVE	Max	0	0	0	-87,322	-	22,2065	2,3122	260,77
1283	Shell-Thin	SLU-ENVE	Max	0	0	0	-33,8013	-5,4428	3,236	260,77	26,24
1283	Shell-Thin	SLU-ENVE	Min	0	0	0	-42,8433	-6,0085	6,3665	148,19	4,4
1283	Shell-Thin	SLU-ENVE	Min	0	0	0	-95,2341	-	16,6869	5,5536	148,19
1283	Shell-Thin	SLU-ENVE	Min	0	0	0	-104,2949	-	27,9321	1,7222	178,92
1283	Shell-Thin	SLU-ENVE	Min	0	0	0	-104,2949	-	27,9321	1,7222	178,92

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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
1283	Shell-Thin	SLU-ENVE	Min	0	0	0	-44,6507	-7,3303	2,5055	178,92	4,4
1283	Shell-Thin	SLE-ENVE	Max	0	0	0	-22,9244	-2,0761	4,1432	130,75	5,84
1283	Shell-Thin	SLE-ENVE	Max	0	0	0	-51,1037	-9,2578	3,6217	130,75	14,8
1283	Shell-Thin	SLE-ENVE	Max	0	0	0	-56,3261	-	1,2761	144,9	14,8
								14,0777			
1283	Shell-Thin	SLE-ENVE	Max	0	0	0	-24,0443	-4,0927	1,7925	144,9	5,84
1283	Shell-Thin	SLE-ENVE	Min	0	0	0	-31,0737	-4,8004	3,561	83,96	2,47
1283	Shell-Thin	SLE-ENVE	Min	0	0	0	-58,0857	-	3,1065	83,96	11,71
								10,2812			
1283	Shell-Thin	SLE-ENVE	Min	0	0	0	-63,1809	-	0,9524	101,89	11,71
								16,6392			
1283	Shell-Thin	SLE-ENVE	Min	0	0	0	-31,8125	-5,0115	1,3892	101,89	2,47
1302	Shell-Thin	SLU-ENVE	Max	0	0	0	-68,6287	-	7,8756	-48,69	12,41
								13,9931			
1302	Shell-Thin	SLU-ENVE	Max	0	0	0	-55,8007	-	5,4302	-48,69	15,77
								12,1282			
1302	Shell-Thin	SLU-ENVE	Max	0	0	0	-64,2381	-	3,7459	-53,69	15,77
								14,4258			
1302	Shell-Thin	SLU-ENVE	Max	0	0	0	-78,3179	-	6,1913	-53,69	12,41
								14,7838			
1302	Shell-Thin	SLU-ENVE	Min	0	0	0	-80,5559	-	6,4869	-68,72	8,88
								16,4289			
1302	Shell-Thin	SLU-ENVE	Min	0	0	0	-62,5351	-	4,6633	-68,72	11,89
								13,6557			
1302	Shell-Thin	SLU-ENVE	Min	0	0	0	-71,972	-	3,2766	-90,29	11,89
								16,2697			
1302	Shell-Thin	SLU-ENVE	Min	0	0	0	-95,3834	-	5,1706	-90,29	8,88
								17,7412			
1302	Shell-Thin	SLE-ENVE	Max	0	0	0	-45,8367	-9,3281	4,381	-33,41	6,84
1302	Shell-Thin	SLE-ENVE	Max	0	0	0	-37,1147	-7,9625	3,0239	-33,41	8,76
1302	Shell-Thin	SLE-ENVE	Max	0	0	0	-41,7354	-9,2404	2,0828	-35,99	8,76
1302	Shell-Thin	SLE-ENVE	Max	0	0	0	-51,1776	-9,7118	3,4398	-35,99	6,84
1302	Shell-Thin	SLE-ENVE	Min	0	0	0	-49,9525	-10,172	3,6152	-42,26	4,81
1302	Shell-Thin	SLE-ENVE	Min	0	0	0	-38,9178	-8,4229	2,6046	-42,26	6,6
1302	Shell-Thin	SLE-ENVE	Min	0	0	0	-44,1611	-9,8766	1,8199	-54,16	6,6
1302	Shell-Thin	SLE-ENVE	Min	0	0	0	-58,1703	-	2,8718	-54,16	4,81
								10,8778			
1303	Shell-Thin	SLU-ENVE	Max	0	0	0	-78,1627	-	3,0153	-54,93	26,2
								14,0076			
1303	Shell-Thin	SLU-ENVE	Max	0	0	0	-64,2614	-	2,1088	-54,93	5,93
								14,5425			
1303	Shell-Thin	SLU-ENVE	Max	0	0	0	-65,533	-	2,0485	-86,83	5,93
								15,3525			
1303	Shell-Thin	SLU-ENVE	Max	0	0	0	-87,4093	-22,224	2,9549	-86,83	26,2
1303	Shell-Thin	SLU-ENVE	Min	0	0	0	-95,17	-	2,6384	-92,54	20,06
								16,6741			
1303	Shell-Thin	SLU-ENVE	Min	0	0	0	-72,0074	-	1,8588	-92,54	4,28
								16,4467			
1303	Shell-Thin	SLU-ENVE	Min	0	0	0	-73,9373	-	1,5838	-121,87	4,28
								17,6003			
1303	Shell-Thin	SLU-ENVE	Min	0	0	0	-104,4307	-	2,4912	-121,87	20,06
								27,9592			
1303	Shell-Thin	SLE-ENVE	Max	0	0	0	-51,0861	-9,2543	1,665	-36,75	14,78
1303	Shell-Thin	SLE-ENVE	Max	0	0	0	-41,7522	-9,3126	1,1614	-36,75	3,28
1303	Shell-Thin	SLE-ENVE	Max	0	0	0	-42,4316	-9,7514	1,1437	-55,49	3,28

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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
1303	Shell-Thin	SLE-ENVE	Max	0	0	0	-56,3781	-	1,6473	-55,49	14,78
								14,0881			
1303	Shell-Thin	SLE-ENVE	Min	0	0	0	-58,0496	-	1,4439	-55,45	11,69
								10,2739			
1303	Shell-Thin	SLE-ENVE	Min	0	0	0	-44,1811	-9,9768	1,01	-55,45	2,36
1303	Shell-Thin	SLE-ENVE	Min	0	0	0	-45,2111	-	0,8923	-72,16	2,36
								10,6112			
1303	Shell-Thin	SLE-ENVE	Min	0	0	0	-63,2579	-	1,397	-72,16	11,69
								16,6546			
1314	Shell-Thin	SLU-ENVE	Max	0	0	0	-65,9822	-19,482	3,5372	-49,22	-10,13
1314	Shell-Thin	SLU-ENVE	Max	0	0	0	-38,8123	-	1,4044	-49,22	4,99
								17,8143			
1314	Shell-Thin	SLU-ENVE	Max	0	0	0	-37,0662	-	-0,0243	-62,12	4,99
								17,9908			
1314	Shell-Thin	SLU-ENVE	Max	0	0	0	-70,6826	-	1,9986	-62,12	-10,13
								16,2042			
1314	Shell-Thin	SLU-ENVE	Min	0	0	0	-74,5669	-	2,7438	-55,82	-13,59
								22,6424			
1314	Shell-Thin	SLU-ENVE	Min	0	0	0	-43,5804	-	1,2078	-55,82	3,68
								20,5538			
1314	Shell-Thin	SLU-ENVE	Min	0	0	0	-40,9408	-	-0,2956	-74,9	3,68
								20,7343			
1314	Shell-Thin	SLU-ENVE	Min	0	0	0	-81,4684	-	1,4651	-74,9	-13,59
								18,1784			
1314	Shell-Thin	SLE-ENVE	Max	0	0	0	-42,7009	-	1,9838	-32,17	-5,94
								12,0673			
1314	Shell-Thin	SLE-ENVE	Max	0	0	0	-25,1108	-	0,776	-32,17	2,82
								10,6292			
1314	Shell-Thin	SLE-ENVE	Max	0	0	0	-23,9682	-	-0,0342	-39,94	2,82
								10,7338			
1314	Shell-Thin	SLE-ENVE	Max	0	0	0	-45,4921	-	1,123	-39,94	-5,94
								10,0798			
1314	Shell-Thin	SLE-ENVE	Min	0	0	0	-45,5689	-	1,5729	-34,17	-7,61
								13,4188			
1314	Shell-Thin	SLE-ENVE	Min	0	0	0	-26,7645	-	0,6666	-34,17	2,18
								11,9447			
1314	Shell-Thin	SLE-ENVE	Min	0	0	0	-25,2685	-	-0,1756	-44,98	2,18
								12,0457			
1314	Shell-Thin	SLE-ENVE	Min	0	0	0	-49,4825	-	0,8483	-44,98	-7,61
								10,9112			
1315	Shell-Thin	SLU-ENVE	Max	0	0	0	-70,7302	-	-2,0654	-62,79	10,07
								16,4423			
1315	Shell-Thin	SLU-ENVE	Max	0	0	0	-37,0562	-	0,8269	-62,79	-8,77
								17,9405			
1315	Shell-Thin	SLU-ENVE	Max	0	0	0	-39,0536	-	-0,4519	-43,77	-8,77
								16,9694			
1315	Shell-Thin	SLU-ENVE	Max	0	0	0	-63,214	-	-3,2041	-43,77	10,07
								19,1033			
1315	Shell-Thin	SLU-ENVE	Min	0	0	0	-81,5561	-	-2,8062	-76,15	5,76
								18,6167			
1315	Shell-Thin	SLU-ENVE	Min	0	0	0	-40,9226	-	0,3749	-76,15	-12,81
								20,6432			
1315	Shell-Thin	SLU-ENVE	Min	0	0	0	-44,5697	-	-0,7717	-46,16	-12,81
								19,2511			
1315	Shell-Thin	SLU-ENVE	Min	0	0	0	-69,6494	-	-4,0713	-46,16	5,76
								22,1433			

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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
1315	Shell-Thin	SLE-ENVE	Max	0	0	0	-45,5205	-	-1,1962	-40,33	5,66
								10,2798			
1315	Shell-Thin	SLE-ENVE	Max	0	0	0	-23,9598	-	0,4643	-40,33	-5,04
								10,7036			
1315	Shell-Thin	SLE-ENVE	Max	0	0	0	-25,2786	-10,134	-0,2455	-27,39	-5,04
1315	Shell-Thin	SLE-ENVE	Max	0	0	0	-40,6045	-	-1,8395	-27,39	5,66
								11,8554			
1315	Shell-Thin	SLE-ENVE	Min	0	0	0	-49,532	-	-1,5837	-45,68	3,39
								11,1589			
1315	Shell-Thin	SLE-ENVE	Min	0	0	0	-25,2582	-	0,2228	-45,68	-7,17
								11,9941			
1315	Shell-Thin	SLE-ENVE	Min	0	0	0	-27,329	-	-0,4256	-29,09	-7,17
								11,2202			
1315	Shell-Thin	SLE-ENVE	Min	0	0	0	-42,8142	-	-2,288	-29,09	3,39
								13,1355			
1316	Shell-Thin	SLU-ENVE	Max	0	0	0	-38,3193	-	1,2695	-36,98	3,05
								17,7157			
1316	Shell-Thin	SLU-ENVE	Max	0	0	0	-18,8351	-	1,2407	-36,98	-0,44
								16,5188			
1316	Shell-Thin	SLU-ENVE	Max	0	0	0	-18,8169	-	0,7105	-37,27	-0,44
								16,4049			
1316	Shell-Thin	SLU-ENVE	Max	0	0	0	-38,4457	-	0,7393	-37,27	3,05
								18,2667			
1316	Shell-Thin	SLU-ENVE	Min	0	0	0	-42,8737	-	1,0172	-42,16	2,22
								20,4124			
1316	Shell-Thin	SLU-ENVE	Min	0	0	0	-20,7353	-	0,9939	-42,16	-0,69
								18,9757			
1316	Shell-Thin	SLU-ENVE	Min	0	0	0	-20,718	-18,789	0,5179	-42,59	-0,69
1316	Shell-Thin	SLU-ENVE	Min	0	0	0	-43,0725	-	0,5411	-42,59	2,22
								21,1606			
1316	Shell-Thin	SLE-ENVE	Max	0	0	0	-24,8157	-	0,7044	-24,28	1,72
								10,5702			
1316	Shell-Thin	SLE-ENVE	Max	0	0	0	-12,1135	-9,563	0,6887	-24,28	-0,26
1316	Shell-Thin	SLE-ENVE	Max	0	0	0	-12,1034	-9,4962	0,3913	-24,45	-0,26
1316	Shell-Thin	SLE-ENVE	Max	0	0	0	-24,8887	-	0,407	-24,45	1,72
								10,8968			
1316	Shell-Thin	SLE-ENVE	Min	0	0	0	-26,3631	-	0,5645	-25,73	1,32
								11,8644			
1316	Shell-Thin	SLE-ENVE	Min	0	0	0	-12,9037	-	0,5519	-25,73	-0,39
								10,8516			
1316	Shell-Thin	SLE-ENVE	Min	0	0	0	-12,8949	-	0,2851	-25,97	-0,39
								10,7473			
1316	Shell-Thin	SLE-ENVE	Min	0	0	0	-26,4731	-	0,2976	-25,97	1,32
								12,2867			
1317	Shell-Thin	SLU-ENVE	Max	0	0	0	-38,4356	-	0,1376	-37,05	-6,5
								18,2164			
1317	Shell-Thin	SLU-ENVE	Max	0	0	0	-18,819	-	0,3252	-37,05	-1,89
								16,4156			
1317	Shell-Thin	SLU-ENVE	Max	0	0	0	-18,607	-	-0,2658	-36,05	-1,89
								16,0048			
1317	Shell-Thin	SLU-ENVE	Max	0	0	0	-37,7264	-16,704	-0,4414	-36,05	-6,5
1317	Shell-Thin	SLU-ENVE	Min	0	0	0	-43,0543	-	-0,0399	-42,11	-9,48
								21,0696			
1317	Shell-Thin	SLU-ENVE	Min	0	0	0	-20,7215	-	0,2246	-42,11	-2,38
								18,8067			
1317	Shell-Thin	SLU-ENVE	Min	0	0	0	-20,4949	-	-0,3264	-41,03	-2,38
								18,3545			

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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
1317	Shell-Thin	SLU-ENVE	Min	0	0	0	-42,2852	-	-0,5908	-41,03	-9,48
								18,7942			
1317	Shell-Thin	SLE-ENVE	Max	0	0	0	-24,8827	-	0,0709	-24,29	-3,73
								10,8666			
1317	Shell-Thin	SLE-ENVE	Max	0	0	0	-12,1047	-9,5026	0,174	-24,29	-1,04
1317	Shell-Thin	SLE-ENVE	Max	0	0	0	-11,9871	-9,278	-0,1555	-23,76	-1,04
1317	Shell-Thin	SLE-ENVE	Max	0	0	0	-24,4883	-9,9233	-0,2513	-23,76	-3,73
1317	Shell-Thin	SLE-ENVE	Min	0	0	0	-26,4628	-12,235	-0,0262	-25,7	-5,3
1317	Shell-Thin	SLE-ENVE	Min	0	0	0	-12,8969	-	0,1193	-25,7	-1,31
								10,7574			
1317	Shell-Thin	SLE-ENVE	Min	0	0	0	-12,7698	-10,507	-0,1899	-25,11	-1,31
1317	Shell-Thin	SLE-ENVE	Min	0	0	0	-26,0378	-10,962	-0,3354	-25,11	-5,3
1318	Shell-Thin	SLU-ENVE	Max	0	0	0	-18,8808	-	1,18	-23,25	-0,48
								16,5279			
1318	Shell-Thin	SLU-ENVE	Max	0	0	0	-6,5109	-	1,1742	-23,25	0,04946
								15,7748			
1318	Shell-Thin	SLU-ENVE	Max	0	0	0	-6,532	-	0,752	-23,13	0,04946
								15,7829			
1318	Shell-Thin	SLU-ENVE	Max	0	0	0	-18,8396	-	0,7577	-23,13	-0,48
								16,4094			
1318	Shell-Thin	SLU-ENVE	Min	0	0	0	-20,7846	-	0,9242	-25,69	-0,77
								18,9855			
1318	Shell-Thin	SLU-ENVE	Min	0	0	0	-7,0955	-	0,9221	-25,69	0,02901
								18,1813			
1318	Shell-Thin	SLU-ENVE	Min	0	0	0	-7,1275	-	0,5811	-25,51	0,02901
								18,1908			
1318	Shell-Thin	SLU-ENVE	Min	0	0	0	-20,7293	-	0,5833	-25,51	-0,77
								18,7912			
1318	Shell-Thin	SLE-ENVE	Max	0	0	0	-12,1393	-9,5681	0,6549	-15,25	-0,28
1318	Shell-Thin	SLE-ENVE	Max	0	0	0	-4,0733	-8,9397	0,6522	-15,25	0,01593
1318	Shell-Thin	SLE-ENVE	Max	0	0	0	-4,0855	-8,9417	0,4145	-15,18	0,01593
1318	Shell-Thin	SLE-ENVE	Max	0	0	0	-12,1154	-9,4986	0,4172	-15,18	-0,28
1318	Shell-Thin	SLE-ENVE	Min	0	0	0	-12,9312	-	0,5132	-16,11	-0,43
								10,8571			
1318	Shell-Thin	SLE-ENVE	Min	0	0	0	-4,4005	-10,241	0,5125	-16,11	0,005135
1318	Shell-Thin	SLE-ENVE	Min	0	0	0	-4,4162	-	0,3202	-16,02	0,005135
								10,2436			
1318	Shell-Thin	SLE-ENVE	Min	0	0	0	-12,9008	-	0,3209	-16,02	-0,43
								10,7485			
1319	Shell-Thin	SLU-ENVE	Max	0	0	0	-18,8417	-	0,308	-23,14	-1,55
								16,4201			
1319	Shell-Thin	SLU-ENVE	Max	0	0	0	-6,5311	-15,778	0,3346	-23,14	-1,92
1319	Shell-Thin	SLU-ENVE	Max	0	0	0	-6,4363	-	-0,0552	-22,96	-1,92
								15,3161			
1319	Shell-Thin	SLU-ENVE	Max	0	0	0	-18,6663	-	-0,0849	-22,96	-1,55
								16,0166			
1319	Shell-Thin	SLU-ENVE	Min	0	0	0	-20,7328	-18,809	0,2195	-25,52	-1,86
1319	Shell-Thin	SLU-ENVE	Min	0	0	0	-7,1262	-18,184	0,2433	-25,52	-2,33
1319	Shell-Thin	SLU-ENVE	Min	0	0	0	-7,0096	-	-0,0978	-25,46	-2,33
								17,6158			
1319	Shell-Thin	SLU-ENVE	Min	0	0	0	-20,5846	-	-0,1216	-25,46	-1,86
								18,3724			
1319	Shell-Thin	SLE-ENVE	Max	0	0	0	-12,1167	-9,505	0,1646	-15,18	-0,85
1319	Shell-Thin	SLE-ENVE	Max	0	0	0	-4,0848	-8,9387	0,1792	-15,18	-1,05
1319	Shell-Thin	SLE-ENVE	Max	0	0	0	-4,0322	-8,6873	-0,0394	-15,09	-1,05

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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
1319	Shell-Thin	SLE-ENVE	Max	0	0	0	-12,021	-9,2848	-0,0552	-15,09	-0,85
1319	Shell-Thin	SLE-ENVE	Min	0	0	0	-12,9028	-	0,1165	-16,02	-1,03
								10,7586			
1319	Shell-Thin	SLE-ENVE	Min	0	0	0	-4,4154	-	0,1293	-16,02	-1,27
								10,2396			
1319	Shell-Thin	SLE-ENVE	Min	0	0	0	-4,353	-9,9296	-0,0632	-15,98	-1,27
1319	Shell-Thin	SLE-ENVE	Min	0	0	0	-12,82	-	-0,0761	-15,98	-1,03
								10,5171			
1320	Shell-Thin	SLU-ENVE	Max	0	0	0	-6,5329	-	1,1674	-11,5	0,0159
								15,7786			
1320	Shell-Thin	SLU-ENVE	Max	0	0	0	-0,0214	-16,24	1,1753	-11,5	0,6
1320	Shell-Thin	SLU-ENVE	Max	0	0	0	-0,0119	-	0,7381	-11,54	0,6
								16,3954			
1320	Shell-Thin	SLU-ENVE	Max	0	0	0	-6,5495	-	0,7303	-11,54	0,0159
								15,7864			
1320	Shell-Thin	SLU-ENVE	Min	0	0	0	-7,1183	-	0,923	-12,44	0,004889
								18,1858			
1320	Shell-Thin	SLU-ENVE	Min	0	0	0	-0,0261	-18,797	0,932	-12,44	0,54
1320	Shell-Thin	SLU-ENVE	Min	0	0	0	-0,0143	-	0,5686	-12,51	0,54
								18,9349			
1320	Shell-Thin	SLU-ENVE	Min	0	0	0	-7,1423	-	0,5595	-12,51	0,004889
								18,1937			
1320	Shell-Thin	SLE-ENVE	Max	0	0	0	-4,0852	-8,9418	0,6497	-7,31	-0,003827
1320	Shell-Thin	SLE-ENVE	Max	0	0	0	-0,0116	-9,1202	0,6556	-7,31	0,42
1320	Shell-Thin	SLE-ENVE	Max	0	0	0	-0,0077	-9,2298	0,4086	-7,33	0,42
1320	Shell-Thin	SLE-ENVE	Max	0	0	0	-4,0948	-8,9438	0,4028	-7,33	-0,003827
1320	Shell-Thin	SLE-ENVE	Min	0	0	0	-4,4128	-	0,5142	-7,81	-0,0105
								10,2434			
1320	Shell-Thin	SLE-ENVE	Min	0	0	0	-0,0141	-10,498	0,5206	-7,81	0,39
1320	Shell-Thin	SLE-ENVE	Min	0	0	0	-0,0091	-	0,3149	-7,85	0,39
								10,5985			
1320	Shell-Thin	SLE-ENVE	Min	0	0	0	-4,4253	-	0,3085	-7,85	-0,0105
								10,2454			
1321	Shell-Thin	SLU-ENVE	Max	0	0	0	-6,5485	-	0,3246	-11,6	-1,73
								15,7815			
1321	Shell-Thin	SLU-ENVE	Max	0	0	0	-0,0128	-	0,2621	-11,6	-2,98
								16,3999			
1321	Shell-Thin	SLU-ENVE	Max	0	0	0	0,0024	-	-0,1183	-11,46	-2,98
								15,6242			
1321	Shell-Thin	SLU-ENVE	Max	0	0	0	-6,4611	-	-0,0582	-11,46	-1,73
								15,3199			
1321	Shell-Thin	SLU-ENVE	Min	0	0	0	-7,141	-	0,229	-12,57	-2,12
								18,1869			
1321	Shell-Thin	SLU-ENVE	Min	0	0	0	-0,0152	-	0,1547	-12,57	-3,3
								18,9403			
1321	Shell-Thin	SLU-ENVE	Min	0	0	0	-	-	-0,1949	-12,39	-3,3
							0,0008988	18,0801			
1321	Shell-Thin	SLU-ENVE	Min	0	0	0	-7,0384	-	-0,1206	-12,39	-2,12
								17,6216			
1321	Shell-Thin	SLE-ENVE	Max	0	0	0	-4,0942	-8,9408	0,1731	-7,37	-0,94
1321	Shell-Thin	SLE-ENVE	Max	0	0	0	-0,0083	-9,2325	0,138	-7,37	-1,78
1321	Shell-Thin	SLE-ENVE	Max	0	0	0	0,0026	-8,7706	-0,0762	-7,29	-1,78
1321	Shell-Thin	SLE-ENVE	Max	0	0	0	-4,0455	-8,6892	-0,0414	-7,29	-0,94
1321	Shell-Thin	SLE-ENVE	Min	0	0	0	-4,4245	-	0,1208	-7,88	-1,15
								10,2415			

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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
1321	Shell-Thin	SLE-ENVE	Min	0	0	0	-0,0096	-	0,0781	-7,88	-1,95
								10,6017			
1321	Shell-Thin	SLE-ENVE	Min	0	0	0	0,0007958	-	-0,119	-7,79	-1,95
								10,0928			
1321	Shell-Thin	SLE-ENVE	Min	0	0	0	-4,3681	-9,9327	-0,0763	-7,79	-1,15
1322	Shell-Thin	SLU-ENVE	Max	0	0	0	-0,0087	-8,5243	-0,6781	12,44	0,71
1322	Shell-Thin	SLU-ENVE	Max	0	0	0	-4,7824	-8,4986	-0,6669	12,44	0,01597
1322	Shell-Thin	SLU-ENVE	Max	0	0	0	-4,7887	-8,4907	-0,4427	12,51	0,01597
1322	Shell-Thin	SLU-ENVE	Max	0	0	0	-0,0104	-8,7068	-0,4539	12,51	0,71
1322	Shell-Thin	SLU-ENVE	Min	0	-	0	-0,0261	-	-1,1747	8,65	0,54
					1,519E- 20			18,7988			
1322	Shell-Thin	SLU-ENVE	Min	0	0	0	-7,1177	-	-1,1669	8,65	-0,05394
								18,1882			
1322	Shell-Thin	SLU-ENVE	Min	0	0	0	-7,1417	-	-0,7298	8,66	-0,05394
								18,1961			
1322	Shell-Thin	SLU-ENVE	Min	0	-	0	-0,0127	-	-0,7377	8,66	0,54
					1,513E- 20			18,9368			
1322	Shell-Thin	SLE-ENVE	Max	0	0	0	-0,0043	-4,7761	-0,38	7,81	0,48
1322	Shell-Thin	SLE-ENVE	Max	0	0	0	-3,1096	-4,8493	-0,3725	7,81	-0,003794
1322	Shell-Thin	SLE-ENVE	Max	0	0	0	-3,1126	-4,8421	-0,2446	7,85	-0,003794
1322	Shell-Thin	SLE-ENVE	Max	0	0	0	-0,0069	-4,901	-0,2521	7,85	0,48
1322	Shell-Thin	SLE-ENVE	Min	0	0	0	-0,0141	-	-0,6553	5,7	0,39
								10,4988			
1322	Shell-Thin	SLE-ENVE	Min	0	0	0	-4,4124	-	-0,6494	5,7	-0,04376
								10,2446			
1322	Shell-Thin	SLE-ENVE	Min	0	0	0	-4,4249	-	-0,4026	5,7	-0,04376
								10,2466			
1322	Shell-Thin	SLE-ENVE	Min	0	0	0	-0,0081	-	-0,4084	5,7	0,39
								10,5994			
1323	Shell-Thin	SLU-ENVE	Max	0	0	0	-0,0111	-8,7102	-0,1959	12,57	-2,01
1323	Shell-Thin	SLU-ENVE	Max	0	0	0	-4,788	-8,487	-0,229	12,57	-0,72
1323	Shell-Thin	SLU-ENVE	Max	0	0	0	-4,743	-8,2908	0,0969	12,39	-0,72
1323	Shell-Thin	SLU-ENVE	Max	0	0	0	0,0075	-8,192	0,1676	12,39	-2,01
1323	Shell-Thin	SLU-ENVE	Min	0	-	0	-0,0136	-	-0,2618	8,71	-3,3
					1,489E- 20			18,9421			
1323	Shell-Thin	SLU-ENVE	Min	0	0	0	-7,1404	-	-0,3244	8,71	-2,12
								18,1894			
1323	Shell-Thin	SLU-ENVE	Min	0	0	0	-7,0379	-	-0,0175	8,66	-2,12
								17,6237			
1323	Shell-Thin	SLU-ENVE	Min	0	-	0	-	-	0,0155	8,66	-3,3
					1,499E- 20		0,0004356	18,0817			
1323	Shell-Thin	SLE-ENVE	Max	0	0	0	-0,0073	-4,9031	-0,1024	7,88	-1,24
1323	Shell-Thin	SLE-ENVE	Max	0	0	0	-3,1122	-4,8399	-0,1222	7,88	-0,38
1323	Shell-Thin	SLE-ENVE	Max	0	0	0	-3,0875	-4,7349	0,0642	7,79	-0,38
1323	Shell-Thin	SLE-ENVE	Max	0	0	0	0,0054	-4,5837	0,1048	7,79	-1,24
1323	Shell-Thin	SLE-ENVE	Min	0	0	0	-0,0087	-	-0,1379	5,73	-1,95
								10,6026			
1323	Shell-Thin	SLE-ENVE	Min	0	0	0	-4,4241	-	-0,173	5,73	-1,15
								10,2427			
1323	Shell-Thin	SLE-ENVE	Min	0	0	0	-4,3677	-9,9337	-0,0023	5,71	-1,15
1323	Shell-Thin	SLE-ENVE	Min	0	0	0	0,0011	-	0,0175	5,71	-1,95
								10,0936			

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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
1324	Shell-Thin	SLU-ENVE	Max	0	0	0	-4,7735	-8,4968	-0,666	25,69	0,04953
1324	Shell-Thin	SLU-ENVE	Max	0	0	0	-14,7713	-9,4763	-0,6653	25,69	-0,31
1324	Shell-Thin	SLU-ENVE	Max	0	0	0	-14,7491	-9,3985	-0,4461	25,52	-0,31
1324	Shell-Thin	SLU-ENVE	Max	0	0	0	-4,7767	-8,4883	-0,4468	25,52	0,04953
1324	Shell-Thin	SLU-ENVE	Min	0	0	0	-7,0949	-	-1,1736	19,12	-0,03549
								18,1837			
1324	Shell-Thin	SLU-ENVE	Min	0	0	0	-20,784	-	-1,1793	19,12	-0,77
								18,9891			
1324	Shell-Thin	SLU-ENVE	Min	0	0	0	-20,7287	-	-0,7573	19,07	-0,77
								18,7949			
1324	Shell-Thin	SLU-ENVE	Min	0	0	0	-7,127	-	-0,7516	19,07	-0,03549
								18,1932			
1324	Shell-Thin	SLE-ENVE	Max	0	0	0	-3,1048	-4,8484	-0,3712	16,11	0,01596
1324	Shell-Thin	SLE-ENVE	Max	0	0	0	-9,5808	-5,5654	-0,3705	16,11	-0,19
1324	Shell-Thin	SLE-ENVE	Max	0	0	0	-9,5675	-5,518	-0,2462	16,02	-0,19
1324	Shell-Thin	SLE-ENVE	Max	0	0	0	-3,1054	-4,8407	-0,2469	16,02	0,01596
1324	Shell-Thin	SLE-ENVE	Min	0	0	0	-4,4001	-	-0,6518	12,45	-0,03232
								10,2422			
1324	Shell-Thin	SLE-ENVE	Min	0	0	0	-12,9308	-10,859	-0,6545	12,45	-0,43
1324	Shell-Thin	SLE-ENVE	Min	0	0	0	-12,9004	-	-0,417	12,43	-0,43
								10,7504			
1324	Shell-Thin	SLE-ENVE	Min	0	0	0	-4,4158	-	-0,4143	12,43	-0,03232
								10,2448			
1325	Shell-Thin	SLU-ENVE	Max	0	0	0	-4,776	-8,4846	-0,2335	25,52	-0,82
1325	Shell-Thin	SLU-ENVE	Max	0	0	0	-14,7507	-9,4063	-0,2134	25,52	-0,7
1325	Shell-Thin	SLU-ENVE	Max	0	0	0	-14,6699	-9,2407	0,1142	25,46	-0,7
1325	Shell-Thin	SLU-ENVE	Max	0	0	0	-4,7364	-8,2894	0,0878	25,46	-0,82
1325	Shell-Thin	SLU-ENVE	Min	0	0	0	-7,1256	-	-0,3344	19,07	-2,33
								18,1864			
1325	Shell-Thin	SLU-ENVE	Min	0	0	0	-20,7323	-	-0,3079	19,07	-1,8
								18,8126			
1325	Shell-Thin	SLU-ENVE	Min	0	0	0	-20,5841	-	0,0063	18,99	-1,8
								18,3755			
1325	Shell-Thin	SLU-ENVE	Min	0	0	0	-7,0091	-	-0,0138	18,99	-2,33
								17,6179			
1325	Shell-Thin	SLE-ENVE	Max	0	0	0	-3,1049	-4,8384	-0,1252	16,02	-0,44
1325	Shell-Thin	SLE-ENVE	Max	0	0	0	-9,5685	-5,5228	-0,1149	16,02	-0,38
1325	Shell-Thin	SLE-ENVE	Max	0	0	0	-9,5255	-5,434	0,0732	15,98	-0,38
1325	Shell-Thin	SLE-ENVE	Max	0	0	0	-3,0845	-4,7343	0,0588	15,98	-0,44
1325	Shell-Thin	SLE-ENVE	Min	0	0	0	-4,415	-	-0,1791	12,43	-1,27
								10,2409			
1325	Shell-Thin	SLE-ENVE	Min	0	0	0	-12,9024	-	-0,1646	12,43	-1
								10,7605			
1325	Shell-Thin	SLE-ENVE	Min	0	0	0	-12,8197	-	0,0098	12,38	-1
								10,5186			
1325	Shell-Thin	SLE-ENVE	Min	0	0	0	-4,3527	-9,9307	-	12,38	-1,27
								0,0005648			
1326	Shell-Thin	SLU-ENVE	Max	0	0	0	-14,7479	-9,4716	-0,698	42,16	-0,29
1326	Shell-Thin	SLU-ENVE	Max	0	0	0	-30,976	-	-0,7024	42,16	3,05
								11,1548			
1326	Shell-Thin	SLU-ENVE	Max	0	0	0	-31,0493	-	-0,4201	42,59	3,05
								11,5112			
1326	Shell-Thin	SLU-ENVE	Max	0	0	0	-14,7415	-9,397	-0,4157	42,59	-0,29
1326	Shell-Thin	SLU-ENVE	Min	0	0	0	-20,7348	-	-1,2399	31,33	-0,69
								18,9793			

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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
1326	Shell-Thin	SLU-ENVE	Min	0	0	0	-42,8743	-	-1,2687	31,33	1,43
								20,4186			
1326	Shell-Thin	SLU-ENVE	Min	0	0	0	-43,073	-	-0,739	31,49	1,43
								21,1672			
1326	Shell-Thin	SLU-ENVE	Min	0	0	0	-20,7175	-	-0,7102	31,49	-0,69
								18,7926			
1326	Shell-Thin	SLE-ENVE	Max	0	0	0	-9,5675	-5,5627	-0,3882	25,73	-0,18
1326	Shell-Thin	SLE-ENVE	Max	0	0	0	-19,7392	-6,7096	-0,3904	25,73	1,72
1326	Shell-Thin	SLE-ENVE	Max	0	0	0	-19,7828	-6,9285	-0,2321	25,97	1,72
1326	Shell-Thin	SLE-ENVE	Max	0	0	0	-9,5639	-5,5172	-0,2299	25,97	-0,18
1326	Shell-Thin	SLE-ENVE	Min	0	0	0	-12,9033	-	-0,6883	19,71	-0,39
								10,8535			
1326	Shell-Thin	SLE-ENVE	Min	0	0	0	-26,3633	-	-0,7039	19,71	0,88
								11,8677			
1326	Shell-Thin	SLE-ENVE	Min	0	0	0	-26,4732	-	-0,4068	19,8	0,88
								12,2902			
1326	Shell-Thin	SLE-ENVE	Min	0	0	0	-12,8945	-	-0,3912	19,8	-0,39
								10,7492			
1327	Shell-Thin	SLU-ENVE	Max	0	0	0	-14,7431	-9,4047	-0,2069	42,12	-0,88
1327	Shell-Thin	SLU-ENVE	Max	0	0	0	-31,0423	-11,476	-0,0277	42,12	-3,6
1327	Shell-Thin	SLU-ENVE	Max	0	0	0	-30,7016	-	0,518	41,03	-3,6
								10,6271			
1327	Shell-Thin	SLU-ENVE	Max	0	0	0	-14,6375	-9,2342	0,3121	41,03	-0,88
1327	Shell-Thin	SLU-ENVE	Min	0	0	0	-20,7211	-	-0,3252	31,34	-2,19
								18,8104			
1327	Shell-Thin	SLU-ENVE	Min	0	0	0	-43,0548	-	-0,1381	31,34	-9,48
								21,0761			
1327	Shell-Thin	SLU-ENVE	Min	0	0	0	-42,2864	-	0,2075	30,87	-9,48
								18,7992			
1327	Shell-Thin	SLU-ENVE	Min	0	0	0	-20,4944	-	0,1065	30,87	-2,19
								18,3575			
1327	Shell-Thin	SLE-ENVE	Max	0	0	0	-9,5649	-5,5221	-0,1124	25,7	-0,48
1327	Shell-Thin	SLE-ENVE	Max	0	0	0	-19,7784	-6,9067	-0,0075	25,7	-2,12
1327	Shell-Thin	SLE-ENVE	Max	0	0	0	-19,5879	-6,4026	0,3018	25,11	-2,12
1327	Shell-Thin	SLE-ENVE	Max	0	0	0	-9,5066	-5,4302	0,1835	25,11	-0,48
1327	Shell-Thin	SLE-ENVE	Min	0	0	0	-12,8965	-	-0,174	19,72	-1,21
								10,7593			
1327	Shell-Thin	SLE-ENVE	Min	0	0	0	-26,4629	-	-0,0712	19,72	-5,3
								12,2386			
1327	Shell-Thin	SLE-ENVE	Min	0	0	0	-26,0383	-	0,1189	19,45	-5,3
								10,9647			
1327	Shell-Thin	SLE-ENVE	Min	0	0	0	-12,7694	-	0,0649	19,45	-1,21
								10,5086			
1328	Shell-Thin	SLU-ENVE	Max	0	0	0	-31,3169	-11,223	-0,7474	55,84	4,99
1328	Shell-Thin	SLU-ENVE	Max	0	0	0	-53,1013	-	-1,7209	55,84	-6,33
								13,7309			
1328	Shell-Thin	SLU-ENVE	Max	0	0	0	-56,2046	-	-1,0201	74,93	-6,33
								11,6629			
1328	Shell-Thin	SLU-ENVE	Max	0	0	0	-30,1586	-	0,1345	74,93	4,99
								11,3331			
1328	Shell-Thin	SLU-ENVE	Min	0	0	0	-43,5813	-20,56	-1,4032	40,77	2,39
1328	Shell-Thin	SLU-ENVE	Min	0	0	0	-74,5746	-	-3,5374	40,77	-13,6
								22,6559			
1328	Shell-Thin	SLU-ENVE	Min	0	0	0	-81,4804	-	-1,9997	49,29	-13,6
								18,1894			

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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	-40,9405	-	-0,0465	49,29	2,39
								20,7407			
1328	Shell-Thin	SLE-ENVE	Max	0	0	0	-19,9503	-6,7518	-0,41	34,17	2,82
1328	Shell-Thin	SLE-ENVE	Max	0	0	0	-33,5956	-8,4803	-1,0073	34,17	-3,84
1328	Shell-Thin	SLE-ENVE	Max	0	0	0	-35,5038	-7,2222	-0,6062	45	-3,84
1328	Shell-Thin	SLE-ENVE	Max	0	0	0	-19,2377	-6,8195	0,0851	45	2,82
1328	Shell-Thin	SLE-ENVE	Min	0	0	0	-26,7649	-	-0,7753	25,69	1,47
								11,9481			
1328	Shell-Thin	SLE-ENVE	Min	0	0	0	-45,573	-	-1,984	25,69	-7,62
								13,4262			
1328	Shell-Thin	SLE-ENVE	Min	0	0	0	-49,4889	-	-1,1236	30,93	-7,62
								10,9173			
1328	Shell-Thin	SLE-ENVE	Min	0	0	0	-25,2682	-	-0,0088	30,93	1,47
								12,0492			
1329	Shell-Thin	SLU-ENVE	Max	0	0	0	-30,1516	-	-0,3765	76,18	-4,88
								11,2979			
1329	Shell-Thin	SLU-ENVE	Max	0	0	0	-56,2369	-	2,7922	76,18	6,84
								11,8247			
1329	Shell-Thin	SLU-ENVE	Max	0	0	0	-51,5416	-	4,0711	45,05	6,84
								13,5712			
1329	Shell-Thin	SLU-ENVE	Max	0	0	0	-31,5969	-	0,7619	45,05	-4,88
								10,8062			
1329	Shell-Thin	SLU-ENVE	Min	0	0	0	-40,9223	-	-0,8282	49,71	-12,82
								20,6496			
1329	Shell-Thin	SLU-ENVE	Min	0	0	0	-81,568	-	1,0801	49,71	4,07
								18,6275			
1329	Shell-Thin	SLU-ENVE	Min	0	0	0	-69,6558	-	1,6961	37,43	4,07
								22,1472			
1329	Shell-Thin	SLU-ENVE	Min	0	0	0	-44,5706	-19,256	0,2374	37,43	-12,82
1329	Shell-Thin	SLE-ENVE	Max	0	0	0	-19,2333	-6,7977	-0,2237	45,7	-2,89
1329	Shell-Thin	SLE-ENVE	Max	0	0	0	-35,5237	-7,3222	1,5721	45,7	3,82
1329	Shell-Thin	SLE-ENVE	Max	0	0	0	-32,6704	-8,3889	2,2879	29,09	3,82
1329	Shell-Thin	SLE-ENVE	Max	0	0	0	-20,1397	-6,5129	0,4194	29,09	-2,89
1329	Shell-Thin	SLE-ENVE	Min	0	0	0	-25,2579	-	-0,465	31,18	-7,17
								11,9976			
1329	Shell-Thin	SLE-ENVE	Min	0	0	0	-49,5384	-	0,6437	31,18	2,51
								11,1649			
1329	Shell-Thin	SLE-ENVE	Min	0	0	0	-42,8176	-	0,9941	23,66	2,51
								13,1376			
1329	Shell-Thin	SLE-ENVE	Min	0	0	0	-27,3293	-	0,1178	23,66	-7,17
								11,2228			
1330	Shell-Thin	SLU-ENVE	Max	0	0	0	-52,7667	-	-1,9476	112,97	-0,96
								11,5703			
1330	Shell-Thin	SLU-ENVE	Max	0	0	0	-69,7743	-	-1,7016	112,97	-54,42
								17,7239			
1330	Shell-Thin	SLU-ENVE	Max	0	0	0	-61,5028	1,2731	-0,593	12,83	-54,42
1330	Shell-Thin	SLU-ENVE	Max	0	0	0	-57,1868	-	-0,839	12,83	-0,96
								11,5753			
1330	Shell-Thin	SLU-ENVE	Min	0	0	0	-73,8844	-	-4,3637	63,59	-1,86
								17,3076			
1330	Shell-Thin	SLU-ENVE	Min	0	0	0	-104,8167	-	-3,8176	63,59	-126,05
								29,6939			
1330	Shell-Thin	SLU-ENVE	Min	0	0	0	-86,0594	-4,3648	-1,1294	-1,89	-126,05
1330	Shell-Thin	SLU-ENVE	Min	0	0	0	-83,8429	-	-1,6756	-1,89	-1,86
								17,3876			
1330	Shell-Thin	SLE-ENVE	Max	0	0	0	-33,3881	-7,2534	-1,1753	67,12	-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
1330	Shell-Thin	SLE-ENVE	Max	0	0	0	-44,178	-	-1,025	67,12	-33,38
								11,1457			
1330	Shell-Thin	SLE-ENVE	Max	0	0	0	-39,1022	-0,1172	-0,3634	9,34	-33,38
1330	Shell-Thin	SLE-ENVE	Max	0	0	0	-36,1048	-7,2607	-0,5137	9,34	-0,57
1330	Shell-Thin	SLE-ENVE	Min	0	0	0	-45,181	-	-2,4621	40,51	-1,02
								10,4458			
1330	Shell-Thin	SLE-ENVE	Min	0	0	0	-63,4752	-	-2,1537	40,51	-71,29
								17,6322			
1330	Shell-Thin	SLE-ENVE	Min	0	0	0	-52,8599	-2,95	-0,6413	2,1	-71,29
1330	Shell-Thin	SLE-ENVE	Min	0	0	0	-50,8234	-10,498	-0,9497	2,1	-1,02
1331	Shell-Thin	SLU-ENVE	Max	0	0	0	-57,1974	-	4,6032	16,24	-1,68
								11,6282			
1331	Shell-Thin	SLU-ENVE	Max	0	0	0	-61,4495	2,0312	4,4181	16,24	184,99
1331	Shell-Thin	SLU-ENVE	Max	0	0	0	-71,901	-	4,6506	180,37	184,99
								22,9117			
1331	Shell-Thin	SLU-ENVE	Max	0	0	0	-50,5609	-	4,8357	180,37	-1,68
								11,1789			
1331	Shell-Thin	SLU-ENVE	Min	0	0	0	-83,8716	-	1,8004	7,21	-4,93
								17,5308			
1331	Shell-Thin	SLU-ENVE	Min	0	0	0	-85,9078	-4,0983	1,7708	7,21	75,37
1331	Shell-Thin	SLU-ENVE	Min	0	0	0	-112,4623	-	1,9615	84,59	75,37
								44,0317			
1331	Shell-Thin	SLU-ENVE	Min	0	0	0	-67,1344	-	1,9912	84,59	-4,93
								16,1129			
1331	Shell-Thin	SLE-ENVE	Max	0	0	0	-36,1113	-7,2933	2,5968	11,45	-0,96
1331	Shell-Thin	SLE-ENVE	Max	0	0	0	-39,0693	0,3106	2,4869	11,45	104,59
1331	Shell-Thin	SLE-ENVE	Max	0	0	0	-45,5321	-14,349	2,6126	105,09	104,59
1331	Shell-Thin	SLE-ENVE	Max	0	0	0	-32,0662	-7,0196	2,7224	105,09	-0,96
1331	Shell-Thin	SLE-ENVE	Min	0	0	0	-50,8396	-	1,0945	7,24	-2,78
								10,5789			
1331	Shell-Thin	SLE-ENVE	Min	0	0	0	-52,7744	-2,7858	1,0612	7,24	46,39
1331	Shell-Thin	SLE-ENVE	Min	0	0	0	-67,7947	-	1,1576	53,47	46,39
								25,7276			
1331	Shell-Thin	SLE-ENVE	Min	0	0	0	-41,3931	-9,774	1,1909	53,47	-2,78
1332	Shell-Thin	SLU-ENVE	Max	0	0	0	-69,7146	-17,712	1,5069	-104,84	-55,52
1332	Shell-Thin	SLU-ENVE	Max	0	0	0	-41,2766	-6,065	2,741	-104,84	-6,26
1332	Shell-Thin	SLU-ENVE	Max	0	0	0	-45,9457	-4,3087	2,231	-62,52	-6,26
1332	Shell-Thin	SLU-ENVE	Max	0	0	0	-61,6448	1,2082	0,9968	-62,52	-55,52
1332	Shell-Thin	SLU-ENVE	Min	0	0	0	-104,681	-	0,5505	-251,6	-128,44
								29,6668			
1332	Shell-Thin	SLU-ENVE	Min	0	0	0	-44,5922	-7,5226	1,1121	-251,6	-11,96
1332	Shell-Thin	SLU-ENVE	Min	0	0	0	-49,3226	-6,5195	1,0429	-155,02	-11,96
1332	Shell-Thin	SLU-ENVE	Min	0	0	0	-86,3838	-4,3932	0,4812	-155,02	-128,44
1332	Shell-Thin	SLE-ENVE	Max	0	0	0	-44,1412	-	0,861	-62,68	-34,06
								11,1384			
1332	Shell-Thin	SLE-ENVE	Max	0	0	0	-28,1698	-4,424	1,5598	-62,68	-3,83
1332	Shell-Thin	SLE-ENVE	Max	0	0	0	-29,9341	-3,4255	1,2603	-36,71	-3,83
1332	Shell-Thin	SLE-ENVE	Max	0	0	0	-39,1896	-0,1539	0,5615	-36,71	-34,06
1332	Shell-Thin	SLE-ENVE	Min	0	0	0	-63,3983	-	0,3658	-139,73	-72,65
								17,6168			
1332	Shell-Thin	SLE-ENVE	Min	0	0	0	-31,7933	-5,0486	0,7104	-139,73	-6,79
1332	Shell-Thin	SLE-ENVE	Min	0	0	0	-34,0629	-4,4348	0,6316	-85,07	-6,79
1332	Shell-Thin	SLE-ENVE	Min	0	0	0	-53,0438	-2,9675	0,287	-85,07	-72,65
1333	Shell-Thin	SLU-ENVE	Max	0	0	0	-61,5916	1,9663	-0,0994	-65,66	187,96

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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
1333	Shell-Thin	SLU-ENVE	Max	0	0	0	-45,9703	-4,6641	-0,556	-65,66	6,69
1333	Shell-Thin	SLU-ENVE	Max	0	0	0	-35,5425	-4,12	1,0416	-123,23	6,69
1333	Shell-Thin	SLU-ENVE	Max	0	0	0	-71,7446	-	1,4982	-123,23	187,96
								22,8804			
1333	Shell-Thin	SLU-ENVE	Min	0	0	0	-86,2322	-4,1267	-1,4493	-164,57	76,69
1333	Shell-Thin	SLU-ENVE	Min	0	0	0	-49,3781	-6,6424	-2,5171	-164,57	2,09
1333	Shell-Thin	SLU-ENVE	Min	0	0	0	-41,7321	-7,4314	-0,4149	-314,61	2,09
1333	Shell-Thin	SLU-ENVE	Min	0	0	0	-112,0854	-	0,3699	-314,61	76,69
								43,9563			
1333	Shell-Thin	SLE-ENVE	Max	0	0	0	-39,1567	0,2738	-0,1144	-38,64	106,28
1333	Shell-Thin	SLE-ENVE	Max	0	0	0	-29,9493	-3,626	-0,4075	-38,64	4,06
1333	Shell-Thin	SLE-ENVE	Max	0	0	0	-24,9579	-3,3431	0,4919	-74,05	4,06
1333	Shell-Thin	SLE-ENVE	Max	0	0	0	-45,4358	-	0,785	-74,05	106,28
								14,3298			
1333	Shell-Thin	SLE-ENVE	Min	0	0	0	-52,9583	-2,8033	-0,8294	-90,46	47,19
1333	Shell-Thin	SLE-ENVE	Min	0	0	0	-34,0847	-4,5104	-1,4394	-90,46	1,31
1333	Shell-Thin	SLE-ENVE	Min	0	0	0	-30,1565	-4,9966	-0,2666	-175,2	1,31
1333	Shell-Thin	SLE-ENVE	Min	0	0	0	-67,5812	-	0,1566	-175,2	47,19
								25,6849			
1334	Shell-Thin	SLU-ENVE	Max	0	0	0	-41,8259	-6,1666	-0,1887	-83,6	-3,86
1334	Shell-Thin	SLU-ENVE	Max	0	0	0	32,9231	19,6226	-0,6631	-83,6	2,79
1334	Shell-Thin	SLU-ENVE	Max	0	0	0	34,363	19,4426	0,4889	-87,84	2,79
1334	Shell-Thin	SLU-ENVE	Max	0	0	0	-45,2093	-3,9529	1,5106	-87,84	-3,86
1334	Shell-Thin	SLU-ENVE	Min	0	0	0	-45,0391	-7,5742	-0,557	-157,12	-6,82
1334	Shell-Thin	SLU-ENVE	Min	0	0	0	-3,5612	5,2962	-1,4321	-157,12	1,17
1334	Shell-Thin	SLU-ENVE	Min	0	0	0	-2,9556	5,2418	0,171	-167,04	1,17
1334	Shell-Thin	SLU-ENVE	Min	0	0	0	-47,8875	-6,3723	0,6453	-167,04	-6,82
1334	Shell-Thin	SLE-ENVE	Max	0	0	0	-28,482	-4,4864	-0,0789	-49,28	-2,36
1334	Shell-Thin	SLE-ENVE	Max	0	0	0	13,0231	9,8469	-0,3701	-49,28	1,58
1334	Shell-Thin	SLE-ENVE	Max	0	0	0	13,837	9,7456	0,2631	-51,88	1,58
1334	Shell-Thin	SLE-ENVE	Max	0	0	0	-29,4842	-3,2246	0,8467	-51,88	-2,36
1334	Shell-Thin	SLE-ENVE	Min	0	0	0	-32,0499	-5,0807	-0,2844	-87,24	-3,87
1334	Shell-Thin	SLE-ENVE	Min	0	0	0	-4,8293	2,3745	-0,7966	-87,24	0,72
1334	Shell-Thin	SLE-ENVE	Min	0	0	0	-4,4579	2,3407	0,0873	-92,84	0,72
1334	Shell-Thin	SLE-ENVE	Min	0	0	0	-33,4242	-4,3448	0,3784	-92,84	-3,87
1335	Shell-Thin	SLU-ENVE	Max	0	0	0	-45,2339	-4,3084	1,7839	-88,02	3,87
1335	Shell-Thin	SLU-ENVE	Max	0	0	0	34,376	19,5079	3,8926	-88,02	-1,59
1335	Shell-Thin	SLU-ENVE	Max	0	0	0	32,4665	21,1171	5,9232	-81,22	-1,59
1335	Shell-Thin	SLU-ENVE	Max	0	0	0	-37,5602	-4,5235	3,6143	-81,22	3,87
1335	Shell-Thin	SLU-ENVE	Min	0	0	0	-47,943	-6,4951	0,6526	-167,71	-3,86
1335	Shell-Thin	SLU-ENVE	Min	0	0	0	-2,9502	5,269	1,6284	-167,71	-11,16
1335	Shell-Thin	SLU-ENVE	Min	0	0	0	-3,598	5,1775	2,4919	-148,18	-11,16
1335	Shell-Thin	SLU-ENVE	Min	0	0	0	-42,5557	-7,5809	1,516	-148,18	-3,86
1335	Shell-Thin	SLE-ENVE	Max	0	0	0	-29,4994	-3,425	0,9672	-52	2,34
1335	Shell-Thin	SLE-ENVE	Max	0	0	0	13,8444	9,7825	2,1663	-52	-0,99
1335	Shell-Thin	SLE-ENVE	Max	0	0	0	12,7614	10,6801	3,2929	-47,85	-0,99
1335	Shell-Thin	SLE-ENVE	Max	0	0	0	-26,0977	-3,571	1,9809	-47,85	2,34
1335	Shell-Thin	SLE-ENVE	Min	0	0	0	-33,446	-4,4204	0,3392	-93,22	-2,07
1335	Shell-Thin	SLE-ENVE	Min	0	0	0	-4,4546	2,3575	0,917	-93,22	-6,24
1335	Shell-Thin	SLE-ENVE	Min	0	0	0	-4,8692	2,3149	1,3939	-82,22	-6,24
1335	Shell-Thin	SLE-ENVE	Min	0	0	0	-30,8272	-5,0889	0,8161	-82,22	-2,07
1336	Shell-Thin	SLU-ENVE	Max	0	0	0	33,1641	19,6708	-0,7699	-76,55	1,93
1336	Shell-Thin	SLU-ENVE	Max	0	0	0	89,9505	41,2245	-0,7697	-76,55	-0,04025

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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
1336	Shell-Thin	SLU-ENVE	Max	0	0	0	89,9992	41,4322	1,0066	-76,69	-0,04025
1336	Shell-Thin	SLU-ENVE	Max	0	0	0	33,0607	19,1821	0,9959	-76,69	1,93
1336	Shell-Thin	SLU-ENVE	Min	0	0	0	-3,3876	5,331	-1,4787	-139,67	0,74
1336	Shell-Thin	SLU-ENVE	Min	0	0	0	32,4325	18,2675	-1,468	-139,67	-0,85
1336	Shell-Thin	SLU-ENVE	Min	0	0	0	32,4552	18,328	0,457	-139,88	-0,85
1336	Shell-Thin	SLU-ENVE	Min	0	0	0	-3,4345	5,1461	0,4568	-139,88	0,74
1336	Shell-Thin	SLE-ENVE	Max	0	0	0	13,1616	9,8746	-0,4274	-44,25	1,09
1336	Shell-Thin	SLE-ENVE	Max	0	0	0	42,9534	21,8782	-0,4275	-44,25	-0,03516
1336	Shell-Thin	SLE-ENVE	Max	0	0	0	42,9815	21,995	0,5585	-44,33	-0,03516
1336	Shell-Thin	SLE-ENVE	Max	0	0	0	13,1029	9,5987	0,5526	-44,33	1,09
1336	Shell-Thin	SLE-ENVE	Min	0	0	0	-4,7215	2,3961	-0,8216	-77,21	0,46
1336	Shell-Thin	SLE-ENVE	Min	0	0	0	16,0385	9,7487	-0,8158	-77,21	-0,48
1336	Shell-Thin	SLE-ENVE	Min	0	0	0	16,0521	9,7852	0,2541	-77,34	-0,48
1336	Shell-Thin	SLE-ENVE	Min	0	0	0	-4,7506	2,2822	0,2541	-77,34	0,46
1337	Shell-Thin	SLU-ENVE	Max	0	0	0	33,0738	19,2475	3,6006	-76,47	0,12
1337	Shell-Thin	SLU-ENVE	Max	0	0	0	89,9976	41,4358	3,3551	-76,47	4,72
1337	Shell-Thin	SLU-ENVE	Max	0	0	0	89,6238	40,4797	5,5912	-75,95	4,72
1337	Shell-Thin	SLU-ENVE	Max	0	0	0	33,7809	21,3799	5,8367	-75,95	0,12
1337	Shell-Thin	SLU-ENVE	Min	0	0	0	-3,4291	5,1732	1,5828	-140,22	-8,04
1337	Shell-Thin	SLU-ENVE	Min	0	0	0	32,454	18,3222	1,7953	-140,22	-2,64
1337	Shell-Thin	SLU-ENVE	Min	0	0	0	32,5288	17,7168	2,9709	-139,6	-2,64
1337	Shell-Thin	SLU-ENVE	Min	0	0	0	-3,0939	5,2783	2,7584	-139,6	-8,04
1337	Shell-Thin	SLE-ENVE	Max	0	0	0	13,1103	9,6357	1,9995	-44,21	-0,01089
1337	Shell-Thin	SLE-ENVE	Max	0	0	0	42,9806	21,9969	1,8628	-44,21	2,62
1337	Shell-Thin	SLE-ENVE	Max	0	0	0	42,7726	21,4097	3,1041	-43,91	2,62
1337	Shell-Thin	SLE-ENVE	Max	0	0	0	13,5041	10,8286	3,2408	-43,91	-0,01089
1337	Shell-Thin	SLE-ENVE	Min	0	0	0	-4,7472	2,2989	0,8806	-77,52	-4,5
1337	Shell-Thin	SLE-ENVE	Min	0	0	0	16,0513	9,7816	0,9979	-77,52	-1,47
1337	Shell-Thin	SLE-ENVE	Min	0	0	0	16,0919	9,4444	1,65	-77,17	-1,47
1337	Shell-Thin	SLE-ENVE	Min	0	0	0	-4,5582	2,3771	1,5327	-77,17	-4,5
1338	Shell-Thin	SLU-ENVE	Max	0	0	0	89,9228	41,208	-0,8288	-71,99	-0,1
1338	Shell-Thin	SLU-ENVE	Max	0	0	0	137,6267	59,926	-0,8228	-71,99	0,77
1338	Shell-Thin	SLU-ENVE	Max	0	0	0	137,6209	59,8829	0,7442	-71,94	0,77
1338	Shell-Thin	SLU-ENVE	Max	0	0	0	89,9876	41,4197	0,7244	-71,94	-0,1
1338	Shell-Thin	SLU-ENVE	Min	0	0	0	32,4002	18,2611	-1,1366	-105,47	-0,9
1338	Shell-Thin	SLU-ENVE	Min	0	0	0	65,6702	31,4674	-1,1168	-105,47	-0,14
1338	Shell-Thin	SLU-ENVE	Min	0	0	0	65,6737	31,4991	0,5397	-105,29	-0,14
1338	Shell-Thin	SLU-ENVE	Min	0	0	0	32,4298	18,323	0,5337	-105,29	-0,9
1338	Shell-Thin	SLE-ENVE	Max	0	0	0	42,9379	21,869	-0,4597	-40,49	-0,07084
1338	Shell-Thin	SLE-ENVE	Max	0	0	0	69,0296	32,3345	-0,4563	-40,49	0,42
1338	Shell-Thin	SLE-ENVE	Max	0	0	0	69,0262	32,3112	0,4132	-40,46	0,42
1338	Shell-Thin	SLE-ENVE	Max	0	0	0	42,9753	21,9881	0,4022	-40,46	-0,07084
1338	Shell-Thin	SLE-ENVE	Min	0	0	0	16,0204	9,745	-0,6309	-59,29	-0,5
1338	Shell-Thin	SLE-ENVE	Min	0	0	0	34,7532	17,1293	-0,6199	-59,29	-0,07969
1338	Shell-Thin	SLE-ENVE	Min	0	0	0	34,7546	17,1475	0,2999	-59,19	-0,07969
1338	Shell-Thin	SLE-ENVE	Min	0	0	0	16,0382	9,7824	0,2965	-59,19	-0,5
1339	Shell-Thin	SLU-ENVE	Max	0	0	0	89,986	41,4232	2,8758	-71,84	5,52
1339	Shell-Thin	SLU-ENVE	Max	0	0	0	137,618	59,8867	2,4083	-71,84	3,47
1339	Shell-Thin	SLU-ENVE	Max	0	0	0	137,6241	60,0706	4,3182	-71,22	3,47
1339	Shell-Thin	SLU-ENVE	Max	0	0	0	89,4877	40,4525	4,8009	-71,22	5,52
1339	Shell-Thin	SLU-ENVE	Min	0	0	0	32,4286	18,3171	1,8664	-105,67	-2,17
1339	Shell-Thin	SLU-ENVE	Min	0	0	0	65,6743	31,5021	1,8625	-105,67	-7,5

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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
1339	Shell-Thin	SLU-ENVE	Min	0	0	0	65,4355	30,6073	3,2595	-106,63	-7,5
1339	Shell-Thin	SLU-ENVE	Min	0	0	0	32,4994	17,7109	3,2044	-106,63	-2,17
1339	Shell-Thin	SLE-ENVE	Max	0	0	0	42,9744	21,9899	1,5962	-40,41	3,07
1339	Shell-Thin	SLE-ENVE	Max	0	0	0	69,0246	32,3133	1,3367	-40,41	1,92
1339	Shell-Thin	SLE-ENVE	Max	0	0	0	69,0301	32,4175	2,3972	-40,07	1,92
1339	Shell-Thin	SLE-ENVE	Max	0	0	0	42,6964	21,4011	2,6651	-40,07	3,07
1339	Shell-Thin	SLE-ENVE	Min	0	0	0	16,0375	9,7788	1,0363	-59,4	-1,21
1339	Shell-Thin	SLE-ENVE	Min	0	0	0	34,7549	17,1493	1,0324	-59,4	-4,18
1339	Shell-Thin	SLE-ENVE	Min	0	0	0	34,6234	16,6544	1,8093	-59,93	-4,18
1339	Shell-Thin	SLE-ENVE	Min	0	0	0	16,075	9,441	1,7791	-59,93	-1,21
1340	Shell-Thin	SLU-ENVE	Max	0	0	0	137,6155	59,925	-0,6758	-29,72	0,76
1340	Shell-Thin	SLU-ENVE	Max	0	0	0	166,3009	72,3093	-0,6372	-29,72	0,59
1340	Shell-Thin	SLU-ENVE	Max	0	0	0	166,3322	72,1421	0,5633	-29,77	0,59
1340	Shell-Thin	SLU-ENVE	Max	0	0	0	137,6219	59,8857	0,5329	-29,77	0,76
1340	Shell-Thin	SLU-ENVE	Min	0	0	0	65,596	31,4526	-0,8722	-81,25	-0,15
1340	Shell-Thin	SLU-ENVE	Min	0	0	0	99,3586	44,088	-0,8419	-81,25	-0,24
1340	Shell-Thin	SLU-ENVE	Min	0	0	0	99,4021	44,1415	0,4577	-81,28	-0,24
1340	Shell-Thin	SLU-ENVE	Min	0	0	0	65,6013	31,4846	0,4183	-81,28	-0,15
1340	Shell-Thin	SLE-ENVE	Max	0	0	0	69,0233	32,3339	-0,3754	-16,02	0,42
1340	Shell-Thin	SLE-ENVE	Max	0	0	0	88,1678	39,3162	-0,354	-16,02	0,32
1340	Shell-Thin	SLE-ENVE	Max	0	0	0	88,1855	39,2242	0,3126	-16,05	0,32
1340	Shell-Thin	SLE-ENVE	Max	0	0	0	69,027	32,3128	0,2958	-16,05	0,42
1340	Shell-Thin	SLE-ENVE	Min	0	0	0	34,7119	17,121	-0,4844	-44,78	-0,08842
1340	Shell-Thin	SLE-ENVE	Min	0	0	0	53,1037	24,0655	-0,4676	-44,78	-0,14
1340	Shell-Thin	SLE-ENVE	Min	0	0	0	53,1281	24,0961	0,2539	-44,8	-0,14
1340	Shell-Thin	SLE-ENVE	Min	0	0	0	34,7146	17,1395	0,232	-44,8	-0,08842
1341	Shell-Thin	SLU-ENVE	Max	0	0	0	137,619	59,8896	2,2259	-29,11	4,21
1341	Shell-Thin	SLU-ENVE	Max	0	0	0	166,3299	72,1307	1,6969	-29,11	3,06
1341	Shell-Thin	SLU-ENVE	Max	0	0	0	165,7595	73,6882	3,1868	-27,8	3,06
1341	Shell-Thin	SLU-ENVE	Max	0	0	0	137,5977	60,047	3,7159	-27,8	4,21
1341	Shell-Thin	SLU-ENVE	Min	0	0	0	65,6019	31,4876	1,8014	-81,62	-7,4
1341	Shell-Thin	SLU-ENVE	Min	0	0	0	99,4044	44,1533	1,2472	-81,62	-4,84
1341	Shell-Thin	SLU-ENVE	Min	0	0	0	98,5043	43,5541	2,2711	-81,33	-4,84
1341	Shell-Thin	SLU-ENVE	Min	0	0	0	65,4035	30,601	2,7518	-81,33	-7,4
1341	Shell-Thin	SLE-ENVE	Max	0	0	0	69,0254	32,3149	1,2357	-15,68	2,33
1341	Shell-Thin	SLE-ENVE	Max	0	0	0	88,1842	39,2178	0,942	-15,68	1,69
1341	Shell-Thin	SLE-ENVE	Max	0	0	0	87,8682	40,0853	1,7693	-14,95	1,69
1341	Shell-Thin	SLE-ENVE	Max	0	0	0	69,0152	32,4044	2,0629	-14,95	2,33
1341	Shell-Thin	SLE-ENVE	Min	0	0	0	34,7149	17,1413	0,9989	-44,98	-4,13
1341	Shell-Thin	SLE-ENVE	Min	0	0	0	53,1294	24,1026	0,6924	-44,98	-2,7
1341	Shell-Thin	SLE-ENVE	Min	0	0	0	52,6298	23,7717	1,2598	-44,82	-2,7
1341	Shell-Thin	SLE-ENVE	Min	0	0	0	34,6054	16,6508	1,5262	-44,82	-4,13
1344	Shell-Thin	SLU-ENVE	Max	0	0	0	169,415	74,6178	0,3742	43,07	0,62
1344	Shell-Thin	SLU-ENVE	Max	0	0	0	166,3257	72,3136	0,4237	43,07	0,59
1344	Shell-Thin	SLU-ENVE	Max	0	0	0	166,3625	72,1629	0,0815	43,09	0,59
1344	Shell-Thin	SLU-ENVE	Max	0	0	0	169,456	74,5212	0,0391	43,09	0,62
1344	Shell-Thin	SLU-ENVE	Min	0	0	0	131,1498	53,597	-0,0915	-4,56	-0,44
1344	Shell-Thin	SLU-ENVE	Min	0	0	0	133,1659	54,6234	-0,0491	-4,56	0,03476
1344	Shell-Thin	SLU-ENVE	Min	0	0	0	133,1818	54,4543	-0,2311	-4,55	0,03476
1344	Shell-Thin	SLU-ENVE	Min	0	0	0	131,1664	53,4198	-0,2806	-4,55	-0,44
1344	Shell-Thin	SLE-ENVE	Max	0	0	0	90,5881	40,7365	0,2078	22,78	0,34
1344	Shell-Thin	SLE-ENVE	Max	0	0	0	88,1816	39,3186	0,2354	22,78	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
1344	Shell-Thin	SLE-ENVE	Max	0	0	0	88,2023	39,2357	0,0453	22,78	0,33
1344	Shell-Thin	SLE-ENVE	Max	0	0	0	90,6112	40,6837	0,0217	22,78	0,34
1344	Shell-Thin	SLE-ENVE	Min	0	0	0	69,8836	29,1707	-0,0509	-1,58	-0,25
1344	Shell-Thin	SLE-ENVE	Min	0	0	0	70,1947	29,5792	-0,0273	-1,58	0,01237
1344	Shell-Thin	SLE-ENVE	Min	0	0	0	70,2037	29,486	-0,1282	-1,58	0,01237
1344	Shell-Thin	SLE-ENVE	Min	0	0	0	69,893	29,073	-0,1557	-1,58	-0,25
1345	Shell-Thin	SLU-ENVE	Max	0	0	0	169,4558	74,5225	0,4471	43,32	7,82
1345	Shell-Thin	SLU-ENVE	Max	0	0	0	166,3611	72,1559	-0,0654	43,32	1,41
1345	Shell-Thin	SLU-ENVE	Max	0	0	0	165,6717	73,6689	0,0606	42,84	1,41
1345	Shell-Thin	SLU-ENVE	Max	0	0	0	168,4616	75,5488	0,5731	42,84	7,82
1345	Shell-Thin	SLU-ENVE	Min	0	0	0	131,1639	53,4071	-0,461	-4,53	-5,84
1345	Shell-Thin	SLU-ENVE	Min	0	0	0	133,1793	54,4419	-1,3753	-4,53	-5,59
1345	Shell-Thin	SLU-ENVE	Min	0	0	0	132,8763	56,0949	-2,0883	-4,43	-5,59
1345	Shell-Thin	SLU-ENVE	Min	0	0	0	130,9108	55,1242	-1,1739	-4,43	-5,84
1345	Shell-Thin	SLE-ENVE	Max	0	0	0	90,611	40,6844	0,2482	22,91	4,32
1345	Shell-Thin	SLE-ENVE	Max	0	0	0	88,2015	39,2318	-0,0362	22,91	0,76
1345	Shell-Thin	SLE-ENVE	Max	0	0	0	87,8194	40,0745	0,0338	22,64	0,76
1345	Shell-Thin	SLE-ENVE	Max	0	0	0	90,0596	41,257	0,3182	22,64	4,32
1345	Shell-Thin	SLE-ENVE	Min	0	0	0	69,8916	29,066	-0,2558	-1,9	-3,26
1345	Shell-Thin	SLE-ENVE	Min	0	0	0	70,2023	29,4791	-0,7635	-1,9	-3,11
1345	Shell-Thin	SLE-ENVE	Min	0	0	0	70,0348	30,3993	-1,1594	-2,35	-3,11
1345	Shell-Thin	SLE-ENVE	Min	0	0	0	69,7517	30,0219	-0,6517	-2,35	-3,26
1348	Shell-Thin	SLU-ENVE	Max	0	0	0	137,4672	59,9654	1,1304	105,78	0,68
1348	Shell-Thin	SLU-ENVE	Max	0	0	0	89,7321	41,1923	1,1437	105,78	0,19
1348	Shell-Thin	SLU-ENVE	Max	0	0	0	89,7447	41,3136	-0,5134	105,81	0,19
1348	Shell-Thin	SLU-ENVE	Max	0	0	0	137,4881	59,9575	-0,5275	105,81	0,68
1348	Shell-Thin	SLU-ENVE	Min	0	0	0	105,55	46,9857	0,7414	65,56	-0,33
1348	Shell-Thin	SLU-ENVE	Min	0	0	0	65,1353	34,7725	0,7555	65,56	-0,52
1348	Shell-Thin	SLU-ENVE	Min	0	0	0	65,1549	34,8656	-0,7305	65,58	-0,52
1348	Shell-Thin	SLU-ENVE	Min	0	0	0	105,5889	47,0623	-0,7438	65,58	-0,33
1348	Shell-Thin	SLE-ENVE	Max	0	0	0	68,9411	32,3563	0,6277	59,46	0,37
1348	Shell-Thin	SLE-ENVE	Max	0	0	0	42,8327	21,8604	0,6349	59,46	0,09752
1348	Shell-Thin	SLE-ENVE	Max	0	0	0	42,8397	21,9286	-0,2848	59,48	0,09752
1348	Shell-Thin	SLE-ENVE	Max	0	0	0	68,9531	32,3527	-0,2926	59,48	0,37
1348	Shell-Thin	SLE-ENVE	Min	0	0	0	54,2151	25,21	0,4117	37,35	-0,19
1348	Shell-Thin	SLE-ENVE	Min	0	0	0	33,1917	18,3715	0,4195	37,35	-0,29
1348	Shell-Thin	SLE-ENVE	Min	0	0	0	33,2025	18,4224	-0,4057	37,36	-0,29
1348	Shell-Thin	SLE-ENVE	Min	0	0	0	54,2369	25,2533	-0,4129	37,36	-0,19
1349	Shell-Thin	SLU-ENVE	Max	0	0	0	137,4854	59,9619	-1,4074	106,14	4,28
1349	Shell-Thin	SLU-ENVE	Max	0	0	0	89,7441	41,3297	-2,1568	106,14	4,72
1349	Shell-Thin	SLU-ENVE	Max	0	0	0	89,4925	40,5183	-3,3893	106,12	4,72
1349	Shell-Thin	SLU-ENVE	Max	0	0	0	137,326	60,0499	-2,6399	106,12	4,28
1349	Shell-Thin	SLU-ENVE	Min	0	0	0	105,5917	47,076	-2,4325	65,43	-7,06
1349	Shell-Thin	SLU-ENVE	Min	0	0	0	65,1571	34,8764	-2,8973	65,43	-2,83
1349	Shell-Thin	SLU-ENVE	Min	0	0	0	64,6657	34,0558	-4,828	64,94	-2,83
1349	Shell-Thin	SLU-ENVE	Min	0	0	0	104,4672	46,3816	-4,3463	64,94	-7,06
1349	Shell-Thin	SLE-ENVE	Max	0	0	0	68,9515	32,3551	-0,781	59,66	2,37
1349	Shell-Thin	SLE-ENVE	Max	0	0	0	42,8394	21,9376	-1,1971	59,66	2,62
1349	Shell-Thin	SLE-ENVE	Max	0	0	0	42,7004	21,4591	-1,8812	59,65	2,62
1349	Shell-Thin	SLE-ENVE	Max	0	0	0	68,8643	32,4058	-1,4651	59,65	2,37
1349	Shell-Thin	SLE-ENVE	Min	0	0	0	54,2385	25,2609	-1,3504	37,28	-3,94
1349	Shell-Thin	SLE-ENVE	Min	0	0	0	33,2037	18,431	-1,6082	37,28	-1,58

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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
1349	Shell-Thin	SLE-ENVE	Min	0	0	0	32,931	18,258	-2,6802	37	-1,58
1349	Shell-Thin	SLE-ENVE	Min	0	0	0	53,6145	24,8767	-2,413	37	-3,94
1352	Shell-Thin	SLU-ENVE	Max	0	0	0	39,3706	19,585	1,428	156,89	3,27
1352	Shell-Thin	SLU-ENVE	Max	0	0	0	-34,2039	-5,0482	0,5482	156,89	-5,85
1352	Shell-Thin	SLU-ENVE	Max	0	0	0	-37,296	-3,028	-1,2164	166,62	-5,85
1352	Shell-Thin	SLU-ENVE	Max	0	0	0	40,5775	19,3199	-0,3627	166,62	3,27
1352	Shell-Thin	SLU-ENVE	Min	0	0	0	18,4521	15,0738	1,1455	133,53	1,89
1352	Shell-Thin	SLU-ENVE	Min	0	0	0	-45,0095	-6,9928	0,2213	133,53	-6,84
1352	Shell-Thin	SLU-ENVE	Min	0	0	0	-47,8343	-5,1021	-1,5126	141,41	-6,84
1352	Shell-Thin	SLU-ENVE	Min	0	0	0	19,5635	14,8704	-0,485	141,41	1,89
1352	Shell-Thin	SLE-ENVE	Max	0	0	0	16,6889	9,8261	0,7943	87,1	1,86
1352	Shell-Thin	SLE-ENVE	Max	0	0	0	-24,2755	-3,8681	0,2793	87,1	-3,43
1352	Shell-Thin	SLE-ENVE	Max	0	0	0	-26,039	-2,7104	-0,6945	92,61	-3,43
1352	Shell-Thin	SLE-ENVE	Max	0	0	0	17,3768	9,6768	-0,1969	92,61	1,86
1352	Shell-Thin	SLE-ENVE	Min	0	0	0	6,3269	7,6527	0,6375	76,1	1,12
1352	Shell-Thin	SLE-ENVE	Min	0	0	0	-32,0339	-4,8951	0,1095	76,1	-3,89
1352	Shell-Thin	SLE-ENVE	Min	0	0	0	-33,3942	-3,7923	-0,8478	80,68	-3,89
1352	Shell-Thin	SLE-ENVE	Min	0	0	0	6,854	7,5354	-0,2608	80,68	1,12
1353	Shell-Thin	SLU-ENVE	Max	0	0	0	40,5893	19,399	-3,1565	167,33	-2,69
1353	Shell-Thin	SLU-ENVE	Max	0	0	0	-37,3575	-3,3352	-1,1767	167,33	3,78
1353	Shell-Thin	SLU-ENVE	Max	0	0	0	-30,6914	-3,1972	-2,8892	148,42	3,78
1353	Shell-Thin	SLU-ENVE	Max	0	0	0	39,3111	21,2701	-4,869	148,42	-2,69
1353	Shell-Thin	SLU-ENVE	Min	0	0	0	19,5763	14,9342	-3,9039	141,94	-16,13
1353	Shell-Thin	SLU-ENVE	Min	0	0	0	-47,8905	-5,3829	-1,7502	141,94	-4,51
1353	Shell-Thin	SLU-ENVE	Min	0	0	0	-42,5665	-6,1579	-3,5802	127,06	-4,51
1353	Shell-Thin	SLU-ENVE	Min	0	0	0	18,2958	16,1061	-5,9358	127,06	-16,13
1353	Shell-Thin	SLE-ENVE	Max	0	0	0	17,3835	9,7216	-1,759	93,01	-1,61
1353	Shell-Thin	SLE-ENVE	Max	0	0	0	-26,0739	-2,8849	-0,6409	93,01	2,29
1353	Shell-Thin	SLE-ENVE	Max	0	0	0	-22,305	-2,8424	-1,5905	82,36	2,29
1353	Shell-Thin	SLE-ENVE	Max	0	0	0	16,646	10,7838	-2,7087	82,36	-1,61
1353	Shell-Thin	SLE-ENVE	Min	0	0	0	6,8606	7,5726	-2,1725	80,98	-9,02
1353	Shell-Thin	SLE-ENVE	Min	0	0	0	-33,4162	-3,9024	-0,9482	80,98	-2,41
1353	Shell-Thin	SLE-ENVE	Min	0	0	0	-30,8334	-4,8867	-1,9617	72,42	-2,41
1353	Shell-Thin	SLE-ENVE	Min	0	0	0	6,0567	8,1818	-3,2999	72,42	-9,02
1354	Shell-Thin	SLU-ENVE	Max	0	0	0	-33,7023	-4,9479	-1,468	251,53	-9,65
1354	Shell-Thin	SLU-ENVE	Max	0	0	0	-87,5373	-	-0,616	251,53	-84,59
								23,2831			
1354	Shell-Thin	SLU-ENVE	Max	0	0	0	-75,2637	1,2048	-0,8334	159,45	-84,59
1354	Shell-Thin	SLU-ENVE	Max	0	0	0	-38,8628	-3,3414	-1,7879	159,45	-9,65
1354	Shell-Thin	SLU-ENVE	Min	0	0	0	-44,5655	-6,904	-2,7423	174,46	-11,99
1354	Shell-Thin	SLU-ENVE	Min	0	0	0	-104,6393	-	-1,5073	174,46	-128,38
								29,6544			
1354	Shell-Thin	SLU-ENVE	Min	0	0	0	-86,3586	-2,9872	-0,9905	110,12	-128,38
1354	Shell-Thin	SLU-ENVE	Min	0	0	0	-49,2825	-5,3918	-2,2255	110,12	-11,99
1354	Shell-Thin	SLE-ENVE	Max	0	0	0	-23,9878	-3,8105	-0,9053	139,69	-5,71
1354	Shell-Thin	SLE-ENVE	Max	0	0	0	-56,4524	-	-0,4005	139,69	-50,12
								14,7092			
1354	Shell-Thin	SLE-ENVE	Max	0	0	0	-49,118	-0,1558	-0,479	87,56	-50,12
1354	Shell-Thin	SLE-ENVE	Max	0	0	0	-26,9307	-2,8887	-1,0438	87,56	-5,71
1354	Shell-Thin	SLE-ENVE	Min	0	0	0	-31,7806	-4,8444	-1,5605	99,23	-6,81
1354	Shell-Thin	SLE-ENVE	Min	0	0	0	-63,3751	-	-0,8612	99,23	-72,61
								17,6099			
1354	Shell-Thin	SLE-ENVE	Min	0	0	0	-53,0298	-2,684	-0,5579	61,1	-72,61

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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
1354	Shell-Thin	SLE-ENVE	Min	0	0	0	-34,0415	-3,9218	-1,2572	61,1	-6,81
1355	Shell-Thin	SLU-ENVE	Max	0	0	0	-38,9243	-3,6486	2,5322	168,04	6,7
1355	Shell-Thin	SLU-ENVE	Max	0	0	0	-75,1846	1,9642	1,4545	168,04	187,97
1355	Shell-Thin	SLU-ENVE	Max	0	0	0	-89,9651	-	-0,5725	314,5	187,97
								30,8299			
1355	Shell-Thin	SLU-ENVE	Max	0	0	0	-28,8793	-2,8348	0,4354	314,5	6,7
1355	Shell-Thin	SLU-ENVE	Min	0	0	0	-49,3386	-5,6725	0,5708	114,74	0,73
1355	Shell-Thin	SLU-ENVE	Min	0	0	0	-86,2067	-2,5918	0,1056	114,74	114,81
1355	Shell-Thin	SLU-ENVE	Min	0	0	0	-112,061	-	-1,4869	200,49	114,81
								43,9518			
1355	Shell-Thin	SLU-ENVE	Min	0	0	0	-41,4298	-5,9306	-1,0216	200,49	0,73
1355	Shell-Thin	SLE-ENVE	Max	0	0	0	-26,9656	-3,0632	1,4478	92,43	4,07
1355	Shell-Thin	SLE-ENVE	Max	0	0	0	-49,0434	0,2727	0,8323	92,43	106,28
1355	Shell-Thin	SLE-ENVE	Max	0	0	0	-57,9665	-19,214	-0,293	175,14	106,28
1355	Shell-Thin	SLE-ENVE	Max	0	0	0	-21,2741	-2,6362	0,2819	175,14	4,07
1355	Shell-Thin	SLE-ENVE	Min	0	0	0	-34,0635	-4,0387	0,4158	63,85	0,59
1355	Shell-Thin	SLE-ENVE	Min	0	0	0	-52,9441	-2,4487	0,1177	63,85	68,25
1355	Shell-Thin	SLE-ENVE	Min	0	0	0	-67,5676	-	-0,7788	114,81	68,25
								25,6824			
1355	Shell-Thin	SLE-ENVE	Min	0	0	0	-30,1566	-4,7514	-0,4807	114,81	0,59
1356	Shell-Thin	SLU-ENVE	Max	0	0	0	-87,6246	-	3,8162	-81,02	-82,92
								23,3006			
1356	Shell-Thin	SLU-ENVE	Max	0	0	0	-65,4932	-	4,3612	-81,02	-1,55
								15,1536			
1356	Shell-Thin	SLU-ENVE	Max	0	0	0	-72,1959	-	1,6748	13,23	-1,55
								15,1152			
1356	Shell-Thin	SLU-ENVE	Max	0	0	0	-75,0463	1,2701	1,1298	13,23	-82,92
1356	Shell-Thin	SLU-ENVE	Min	0	0	0	-104,7752	-	2,6906	-112,86	-125,99
								29,6815			
1356	Shell-Thin	SLU-ENVE	Min	0	0	0	-73,8778	-	3,0648	-112,86	-1,86
								17,3024			
1356	Shell-Thin	SLU-ENVE	Min	0	0	0	-83,8301	-	1,1853	-3,88	-1,86
								17,3822			
1356	Shell-Thin	SLU-ENVE	Min	0	0	0	-86,0323	-2,9437	0,811	-3,88	-125,99
1356	Shell-Thin	SLE-ENVE	Max	0	0	0	-56,5044	-	2,153	-52,03	-49,13
								14,7196			
1356	Shell-Thin	SLE-ENVE	Max	0	0	0	-42,4083	-9,6348	2,4607	-52,03	-0,89
1356	Shell-Thin	SLE-ENVE	Max	0	0	0	-46,3865	-9,6183	0,9492	4,07	-0,89
1356	Shell-Thin	SLE-ENVE	Max	0	0	0	-48,9548	-0,1188	0,6415	4,07	-49,13
1356	Shell-Thin	SLE-ENVE	Min	0	0	0	-63,4521	-	1,5721	-67,06	-71,26
								17,6253			
1356	Shell-Thin	SLE-ENVE	Min	0	0	0	-45,1775	-	1,793	-67,06	-1,03
								10,4429			
1356	Shell-Thin	SLE-ENVE	Min	0	0	0	-50,8165	-10,495	0,7038	-6,3	-1,03
1356	Shell-Thin	SLE-ENVE	Min	0	0	0	-52,8448	-2,6582	0,483	-6,3	-71,26
1357	Shell-Thin	SLU-ENVE	Max	0	0	0	-74,9672	2,0295	-3,0817	5,61	184,98
1357	Shell-Thin	SLU-ENVE	Max	0	0	0	-72,2115	-15,193	-2,9259	5,61	-2,56
1357	Shell-Thin	SLU-ENVE	Max	0	0	0	-61,7527	-	-3,4408	-111,73	-2,56
								14,4626			
1357	Shell-Thin	SLU-ENVE	Max	0	0	0	-90,1977	-	-3,5966	-111,73	184,98
								30,8765			
1357	Shell-Thin	SLU-ENVE	Min	0	0	0	-85,8804	-2,5483	-4,4146	-11,05	112,69
1357	Shell-Thin	SLU-ENVE	Min	0	0	0	-83,8587	-	-4,6022	-11,05	-4,91
								17,5255			

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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
1357	Shell-Thin	SLU-ENVE	Min	0	0	0	-67,1283	-	-4,8324	-180,35	-4,91
								16,1108			
1357	Shell-Thin	SLU-ENVE	Min	0	0	0	-112,4401	-	-4,6448	-180,35	112,69
								44,0276			
1357	Shell-Thin	SLE-ENVE	Max	0	0	0	-48,8802	0,3096	-1,7882	-0,27	104,59
1357	Shell-Thin	SLE-ENVE	Max	0	0	0	-46,3958	-9,6647	-1,7188	-0,27	-1,46
1357	Shell-Thin	SLE-ENVE	Max	0	0	0	-39,4441	-9,1466	-1,9961	-70,36	-1,46
1357	Shell-Thin	SLE-ENVE	Max	0	0	0	-58,105	-	-2,0655	-70,36	104,59
								19,2417			
1357	Shell-Thin	SLE-ENVE	Min	0	0	0	-52,7591	-2,4229	-2,485	-9,32	67
1357	Shell-Thin	SLE-ENVE	Min	0	0	0	-50,8327	-10,576	-2,5962	-9,32	-2,77
1357	Shell-Thin	SLE-ENVE	Min	0	0	0	-41,39	-9,7729	-2,7206	-105,09	-2,77
1357	Shell-Thin	SLE-ENVE	Min	0	0	0	-67,7823	-	-2,6094	-105,09	67
								25,7253			
1358	Shell-Thin	SLU-ENVE	Max	0	0	0	-63,2023	-	-2,3833	-44,86	-8,22
								19,0448			
1358	Shell-Thin	SLU-ENVE	Max	0	0	0	-39,0607	-	-2,6065	-44,86	-2,33
								17,0051			
1358	Shell-Thin	SLU-ENVE	Max	0	0	0	-35,2641	-	-3,4425	-58,16	-2,33
								16,1649			
1358	Shell-Thin	SLU-ENVE	Max	0	0	0	-66,017	-	-3,2842	-58,16	-8,22
								17,0065			
1358	Shell-Thin	SLU-ENVE	Min	0	0	0	-69,6217	-	-2,8645	-47,43	-14,15
								22,0052			
1358	Shell-Thin	SLU-ENVE	Min	0	0	0	-44,5803	-	-3,2506	-47,43	-3,71
								19,3041			
1358	Shell-Thin	SLU-ENVE	Min	0	0	0	-38,6955	-	-4,2907	-70,39	-3,71
								18,3949			
1358	Shell-Thin	SLU-ENVE	Min	0	0	0	-75,9729	-	-3,7414	-70,39	-14,15
								18,3067			
1358	Shell-Thin	SLE-ENVE	Max	0	0	0	-40,5921	-	-1,3195	-27,89	-4,5
								11,8197			
1358	Shell-Thin	SLE-ENVE	Max	0	0	0	-25,2828	-	-1,4969	-27,89	-1,21
								10,1594			
1358	Shell-Thin	SLE-ENVE	Max	0	0	0	-22,9182	-9,7128	-1,9628	-37,75	-1,21
1358	Shell-Thin	SLE-ENVE	Max	0	0	0	-42,8789	-	-1,8197	-37,75	-4,5
								10,2905			
1358	Shell-Thin	SLE-ENVE	Min	0	0	0	-42,7986	-	-1,5925	-29,77	-7,75
								13,0575			
1358	Shell-Thin	SLE-ENVE	Min	0	0	0	-27,335	-	-1,8306	-29,77	-1,95
								11,2502			
1358	Shell-Thin	SLE-ENVE	Min	0	0	0	-24,0218	-	-2,4101	-42,48	-1,95
								10,7433			
1358	Shell-Thin	SLE-ENVE	Min	0	0	0	-46,4216	-	-2,0804	-42,48	-7,75
								11,0163			
1359	Shell-Thin	SLU-ENVE	Max	0	0	0	-66,0084	-	-6,068	-58,29	-5,28
								16,9573			
1359	Shell-Thin	SLU-ENVE	Max	0	0	0	-35,2664	-	-2,8243	-58,29	-12,61
								16,1761			
1359	Shell-Thin	SLU-ENVE	Max	0	0	0	-35,9903	-	-3,6752	-39,46	-12,61
								14,5572			
1359	Shell-Thin	SLU-ENVE	Max	0	0	0	-57,4848	-	-6,8664	-39,46	-5,28
								16,4818			
1359	Shell-Thin	SLU-ENVE	Min	0	0	0	-75,9602	-	-7,6549	-70,6	-8,35
								18,2402			

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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
1359	Shell-Thin	SLU-ENVE	Min	0	0	0	-38,6991	-	-3,1543	-70,6	-17,24
								18,4129			
1359	Shell-Thin	SLU-ENVE	Min	0	0	0	-40,9704	-	-4,1352	-41,45	-17,24
								16,3525			
1359	Shell-Thin	SLU-ENVE	Min	0	0	0	-62,6597	-	-8,6358	-41,45	-8,35
								19,0304			
1359	Shell-Thin	SLE-ENVE	Max	0	0	0	-42,8742	-	-3,4256	-37,82	-2,99
								10,2632			
1359	Shell-Thin	SLE-ENVE	Max	0	0	0	-22,9197	-9,719	-1,5691	-37,82	-7,09
1359	Shell-Thin	SLE-ENVE	Max	0	0	0	-23,5802	-8,804	-2,0415	-24,97	-7,09
1359	Shell-Thin	SLE-ENVE	Max	0	0	0	-37,3812	-	-3,8708	-24,97	-2,99
								10,4006			
1359	Shell-Thin	SLE-ENVE	Min	0	0	0	-46,4145	-	-4,2797	-42,59	-4,68
								10,9794			
1359	Shell-Thin	SLE-ENVE	Min	0	0	0	-24,0238	-	-1,7627	-42,59	-9,59
								10,7533			
1359	Shell-Thin	SLE-ENVE	Min	0	0	0	-25,3316	-9,6131	-2,3093	-26,93	-9,59
1359	Shell-Thin	SLE-ENVE	Min	0	0	0	-38,9372	-	-4,8263	-26,93	-4,68
								11,4074			
1360	Shell-Thin	SLU-ENVE	Max	0	0	0	-57,5055	-16,585	-6,2717	-39,66	-18,51
1360	Shell-Thin	SLU-ENVE	Max	0	0	0	-35,9838	-	-5,4227	-39,66	-6,38
								14,5244			
1360	Shell-Thin	SLU-ENVE	Max	0	0	0	-31,6362	-	-6,2694	-49,95	-6,38
								13,0118			
1360	Shell-Thin	SLU-ENVE	Max	0	0	0	-58,3061	-	-7,0804	-49,95	-18,51
								12,4616			
1360	Shell-Thin	SLU-ENVE	Min	0	0	0	-62,7031	-	-7,1727	-41,73	-25,18
								19,2474			
1360	Shell-Thin	SLU-ENVE	Min	0	0	0	-40,9597	-	-6,6473	-41,73	-9,42
								16,2989			
1360	Shell-Thin	SLU-ENVE	Min	0	0	0	-34,7758	-14,738	-7,5383	-59,36	-9,42
1360	Shell-Thin	SLU-ENVE	Min	0	0	0	-66,2398	-	-8,0637	-59,36	-25,18
								13,8771			
1360	Shell-Thin	SLE-ENVE	Max	0	0	0	-37,4001	-10,461	-3,4711	-25,08	-10,51
1360	Shell-Thin	SLE-ENVE	Max	0	0	0	-23,5762	-8,7788	-3,08	-25,08	-3,39
1360	Shell-Thin	SLE-ENVE	Max	0	0	0	-20,8882	-7,9754	-3,5618	-33,23	-3,39
1360	Shell-Thin	SLE-ENVE	Max	0	0	0	-38,6419	-8,0673	-3,9282	-33,23	-10,51
1360	Shell-Thin	SLE-ENVE	Min	0	0	0	-38,9616	-	-3,9924	-26,82	-14,04
								11,5293			
1360	Shell-Thin	SLE-ENVE	Min	0	0	0	-25,3255	-9,5827	-3,7295	-26,82	-5,14
1360	Shell-Thin	SLE-ENVE	Min	0	0	0	-21,8466	-8,7188	-4,2303	-36,38	-5,14
1360	Shell-Thin	SLE-ENVE	Min	0	0	0	-41,0371	-8,5299	-4,4932	-36,38	-14,04
1361	Shell-Thin	SLU-ENVE	Max	0	0	0	-58,2589	-	-9,8489	-49,81	-4,65
								12,2251			
1361	Shell-Thin	SLU-ENVE	Max	0	0	0	-31,6475	-	-5,893	-49,81	-16,56
								13,0683			
1361	Shell-Thin	SLU-ENVE	Max	0	0	0	-30,6108	-	-6,7918	-34,47	-16,56
								10,7612			
1361	Shell-Thin	SLU-ENVE	Max	0	0	0	-49,5536	-	-10,7024	-34,47	-4,65
								12,3901			
1361	Shell-Thin	SLU-ENVE	Min	0	0	0	-66,1525	-	-11,4932	-58,64	-10,44
								13,4405			
1361	Shell-Thin	SLU-ENVE	Min	0	0	0	-34,7952	-14,835	-6,804	-58,64	-20,11
1361	Shell-Thin	SLU-ENVE	Min	0	0	0	-34,0442	-	-7,8239	-38,51	-20,11
								12,2928			

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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
1361	Shell-Thin	SLU-ENVE	Min	0	0	0	-55,3385	-	-12,513	-38,51	-10,44
								14,4271			
1361	Shell-Thin	SLE-ENVE	Max	0	0	0	-38,6137	-7,8658	-5,5674	-33,13	-2,33
1361	Shell-Thin	SLE-ENVE	Max	0	0	0	-20,8969	-8,009	-3,2959	-33,13	-9,3
1361	Shell-Thin	SLE-ENVE	Max	0	0	0	-20,5042	-6,5071	-3,821	-22,69	-9,3
1361	Shell-Thin	SLE-ENVE	Max	0	0	0	-32,8979	-7,7303	-6,057	-22,69	-2,33
1361	Shell-Thin	SLE-ENVE	Min	0	0	0	-40,9877	-8,2832	-6,4331	-35,97	-5,67
1361	Shell-Thin	SLE-ENVE	Min	0	0	0	-21,8576	-8,7737	-3,8072	-35,97	-11,23
1361	Shell-Thin	SLE-ENVE	Min	0	0	0	-21,4712	-7,3632	-4,3806	-24,58	-11,23
1361	Shell-Thin	SLE-ENVE	Min	0	0	0	-34,9056	-8,8622	-7,0065	-24,58	-5,67
1362	Shell-Thin	SLU-ENVE	Max	0	0	0	-37,7336	-	-1,3042	-36,08	-1,3
								16,7396			
1362	Shell-Thin	SLU-ENVE	Max	0	0	0	-18,6052	-	-0,7248	-36,08	-5,65
								15,9958			
1362	Shell-Thin	SLU-ENVE	Max	0	0	0	-18,0839	-	-1,2678	-34,79	-5,65
								14,8739			
1362	Shell-Thin	SLU-ENVE	Max	0	0	0	-36,5691	-	-1,8565	-34,79	-1,3
								16,4259			
1362	Shell-Thin	SLU-ENVE	Min	0	0	0	-42,2958	-	-1,4946	-41,04	-2,42
								18,8472			
1362	Shell-Thin	SLU-ENVE	Min	0	0	0	-20,4923	-	-0,8237	-41,04	-6,99
								18,3411			
1362	Shell-Thin	SLU-ENVE	Min	0	0	0	-19,8881	-	-1,4643	-39,68	-6,99
								16,9292			
1362	Shell-Thin	SLU-ENVE	Min	0	0	0	-41,0093	-	-2,1353	-39,68	-2,42
								18,8576			
1362	Shell-Thin	SLE-ENVE	Max	0	0	0	-24,4925	-9,9486	-0,7375	-23,78	-0,66
1362	Shell-Thin	SLE-ENVE	Max	0	0	0	-11,986	-9,2726	-0,4144	-23,78	-3,15
1362	Shell-Thin	SLE-ENVE	Max	0	0	0	-11,6971	-8,6472	-0,7196	-23,06	-3,15
1362	Shell-Thin	SLE-ENVE	Max	0	0	0	-23,8462	-9,8676	-1,0584	-23,06	-0,66
1362	Shell-Thin	SLE-ENVE	Min	0	0	0	-26,0439	-10,992	-0,8444	-25,11	-1,25
1362	Shell-Thin	SLE-ENVE	Min	0	0	0	-12,7683	-	-0,471	-25,11	-3,88
								10,4994			
1362	Shell-Thin	SLE-ENVE	Min	0	0	0	-12,434	-9,7156	-0,8306	-24,35	-3,88
1362	Shell-Thin	SLE-ENVE	Min	0	0	0	-25,3277	-	-1,204	-24,35	-1,25
								11,0045			
1363	Shell-Thin	SLU-ENVE	Max	0	0	0	-36,5714	-	-2,4219	-34,93	-10
								16,4371			
1363	Shell-Thin	SLU-ENVE	Max	0	0	0	-18,0837	-14,873	-1,6038	-34,93	-6,37
1363	Shell-Thin	SLU-ENVE	Max	0	0	0	-17,3281	-	-2,0784	-32,91	-6,37
								13,5959			
1363	Shell-Thin	SLU-ENVE	Max	0	0	0	-34,8063	-	-2,9133	-32,91	-10
								14,3204			
1363	Shell-Thin	SLU-ENVE	Min	0	0	0	-41,0129	-	-2,7633	-39,83	-13,52
								18,8757			
1363	Shell-Thin	SLU-ENVE	Min	0	0	0	-19,8876	-	-1,8867	-39,83	-7,6
								16,9268			
1363	Shell-Thin	SLU-ENVE	Min	0	0	0	-19,0394	-	-2,4919	-37,27	-7,6
								15,5006			
1363	Shell-Thin	SLU-ENVE	Min	0	0	0	-38,884	-	-3,3685	-37,27	-13,52
								15,9352			
1363	Shell-Thin	SLE-ENVE	Max	0	0	0	-23,8475	-9,8739	-1,3727	-23,14	-5,63
1363	Shell-Thin	SLE-ENVE	Max	0	0	0	-11,697	-8,6467	-0,9098	-23,14	-3,52
1363	Shell-Thin	SLE-ENVE	Max	0	0	0	-11,2747	-7,9435	-1,1769	-22,03	-3,52
1363	Shell-Thin	SLE-ENVE	Max	0	0	0	-22,8691	-8,6103	-1,6399	-22,03	-5,63

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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
1363	Shell-Thin	SLE-ENVE	Min	0	0	0	-25,3297	-	-1,5555	-24,43	-7,52
								11,0145			
1363	Shell-Thin	SLE-ENVE	Min	0	0	0	-12,4338	-9,7143	-1,0691	-24,43	-4,21
1363	Shell-Thin	SLE-ENVE	Min	0	0	0	-11,9603	-8,9236	-1,4091	-23,02	-4,21
1363	Shell-Thin	SLE-ENVE	Min	0	0	0	-24,1504	-9,3768	-1,8954	-23,02	-7,52
1364	Shell-Thin	SLU-ENVE	Max	0	0	0	-34,7997	-	-3,6055	-33	-5,04
								14,2876			
1364	Shell-Thin	SLU-ENVE	Max	0	0	0	-17,3299	-	-2,5038	-33	-9,34
								13,6053			
1364	Shell-Thin	SLU-ENVE	Max	0	0	0	-16,3238	-	-2,9864	-30,88	-9,34
								11,7913			
1364	Shell-Thin	SLU-ENVE	Max	0	0	0	-32,7332	-	-4,0881	-30,88	-5,04
								13,2312			
1364	Shell-Thin	SLU-ENVE	Min	0	0	0	-38,8733	-	-4,2486	-37,33	-7,19
								15,8816			
1364	Shell-Thin	SLU-ENVE	Min	0	0	0	-19,0422	-	-2,9987	-37,33	-11,16
								15,5149			
1364	Shell-Thin	SLU-ENVE	Min	0	0	0	-17,8625	-	-3,5814	-34,86	-11,16
								13,3501			
1364	Shell-Thin	SLU-ENVE	Min	0	0	0	-36,4588	-	-4,8314	-34,86	-7,19
								15,0746			
1364	Shell-Thin	SLE-ENVE	Max	0	0	0	-22,8651	-8,5851	-2,0299	-22,08	-2,7
1364	Shell-Thin	SLE-ENVE	Max	0	0	0	-11,2759	-7,9491	-1,4163	-22,08	-5,19
1364	Shell-Thin	SLE-ENVE	Max	0	0	0	-10,7144	-6,9242	-1,6877	-20,91	-5,19
1364	Shell-Thin	SLE-ENVE	Max	0	0	0	-21,7197	-8,1071	-2,3013	-20,91	-2,7
1364	Shell-Thin	SLE-ENVE	Min	0	0	0	-24,1443	-9,3464	-2,3896	-23,06	-3,93
1364	Shell-Thin	SLE-ENVE	Min	0	0	0	-11,9619	-8,9318	-1,6938	-23,06	-6,2
1364	Shell-Thin	SLE-ENVE	Min	0	0	0	-11,3066	-7,7304	-2,021	-21,68	-6,2
1364	Shell-Thin	SLE-ENVE	Min	0	0	0	-22,8022	-8,9099	-2,7168	-21,68	-3,93
1365	Shell-Thin	SLU-ENVE	Max	0	0	0	-32,7445	-	-4,5255	-31,23	-12,35
								13,2877			
1365	Shell-Thin	SLU-ENVE	Max	0	0	0	-16,3216	-	-3,3148	-31,23	-9,7
								11,7801			
1365	Shell-Thin	SLU-ENVE	Max	0	0	0	-15,1953	-9,7175	-3,7245	-28,34	-9,7
1365	Shell-Thin	SLU-ENVE	Max	0	0	0	-30,1757	-	-4,9352	-28,34	-12,35
								10,6487			
1365	Shell-Thin	SLU-ENVE	Min	0	0	0	-36,4782	-	-5,3349	-35,46	-15,03
								15,1716			
1365	Shell-Thin	SLU-ENVE	Min	0	0	0	-17,8589	-	-3,9593	-35,46	-11,33
								13,3321			
1365	Shell-Thin	SLU-ENVE	Min	0	0	0	-16,57	-	-4,4045	-31,95	-11,33
								11,1878			
1365	Shell-Thin	SLU-ENVE	Min	0	0	0	-33,4365	-	-5,7802	-31,95	-15,03
								12,1713			
1365	Shell-Thin	SLE-ENVE	Max	0	0	0	-21,7264	-8,1407	-2,5455	-21,11	-6,93
1365	Shell-Thin	SLE-ENVE	Max	0	0	0	-10,713	-6,9152	-1,8727	-21,11	-5,38
1365	Shell-Thin	SLE-ENVE	Max	0	0	0	-10,0653	-5,7088	-2,1027	-19,31	-5,38
1365	Shell-Thin	SLE-ENVE	Max	0	0	0	-20,1803	-6,4424	-2,7756	-19,31	-6,93
1365	Shell-Thin	SLE-ENVE	Min	0	0	0	-22,8131	-8,9648	-2,9986	-22,02	-8,38
1365	Shell-Thin	SLE-ENVE	Min	0	0	0	-11,3045	-7,7201	-2,234	-22,02	-6,28
1365	Shell-Thin	SLE-ENVE	Min	0	0	0	-10,586	-6,5311	-2,4842	-20,08	-6,28
1365	Shell-Thin	SLE-ENVE	Min	0	0	0	-21,1247	-7,2939	-3,2488	-20,08	-8,38
1366	Shell-Thin	SLU-ENVE	Max	0	0	0	-18,6645	-	-0,5059	-22,95	-4,79
								16,0076			

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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
1366	Shell-Thin	SLU-ENVE	Max	0	0	0	-6,4368	-	-0,3833	-22,95	-4,1
								15,3175			
1366	Shell-Thin	SLU-ENVE	Max	0	0	0	-6,2807	-	-0,735	-22,12	-4,1
								14,3466			
1366	Shell-Thin	SLU-ENVE	Max	0	0	0	-18,0896	-	-0,8568	-22,12	-4,79
								14,8751			
1366	Shell-Thin	SLU-ENVE	Min	0	0	0	-20,5819	-	-0,5884	-25,41	-6,01
								18,3591			
1366	Shell-Thin	SLU-ENVE	Min	0	0	0	-7,0101	-	-0,4447	-25,41	-4,76
								17,6179			
1366	Shell-Thin	SLU-ENVE	Min	0	0	0	-6,8526	-	-0,877	-24,33	-4,76
								16,4989			
1366	Shell-Thin	SLU-ENVE	Min	0	0	0	-19,8844	-	-1,0207	-24,33	-6,01
								16,9284			
1366	Shell-Thin	SLE-ENVE	Max	0	0	0	-12,0199	-9,2794	-0,2933	-15,08	-2,68
1366	Shell-Thin	SLE-ENVE	Max	0	0	0	-4,0324	-8,6881	-0,2243	-15,08	-2,3
1366	Shell-Thin	SLE-ENVE	Max	0	0	0	-3,9555	-8,1449	-0,4231	-14,62	-2,3
1366	Shell-Thin	SLE-ENVE	Max	0	0	0	-11,6992	-8,6476	-0,4913	-14,62	-2,68
1366	Shell-Thin	SLE-ENVE	Min	0	0	0	-12,8185	-	-0,3408	-15,96	-3,34
								10,5095			
1366	Shell-Thin	SLE-ENVE	Min	0	0	0	-4,3532	-9,9309	-0,2602	-15,96	-2,67
1366	Shell-Thin	SLE-ENVE	Min	0	0	0	-4,2628	-9,3043	-0,5037	-15,36	-2,67
1366	Shell-Thin	SLE-ENVE	Min	0	0	0	-12,4315	-9,7151	-0,5842	-15,36	-3,34
1367	Shell-Thin	SLU-ENVE	Max	0	0	0	-18,0894	-	-1,2422	-22,15	-5,19
								14,8741			
1367	Shell-Thin	SLU-ENVE	Max	0	0	0	-6,2805	-14,346	-1,0786	-22,15	-5,64
1367	Shell-Thin	SLU-ENVE	Max	0	0	0	-6,0221	-	-1,4328	-21,23	-5,64
								13,0307			
1367	Shell-Thin	SLU-ENVE	Max	0	0	0	-17,3712	-	-1,5964	-21,23	-5,19
								13,6045			
1367	Shell-Thin	SLU-ENVE	Min	0	0	0	-19,884	-16,926	-1,4994	-24,35	-6,22
1367	Shell-Thin	SLU-ENVE	Min	0	0	0	-6,8525	-	-1,2904	-24,35	-6,65
								16,4986			
1367	Shell-Thin	SLU-ENVE	Min	0	0	0	-6,5363	-	-1,7195	-23,42	-6,65
								14,9409			
1367	Shell-Thin	SLU-ENVE	Min	0	0	0	-19,1046	-	-1,9285	-23,42	-6,22
								15,5137			
1367	Shell-Thin	SLE-ENVE	Max	0	0	0	-11,6991	-8,6471	-0,7082	-14,64	-2,87
1367	Shell-Thin	SLE-ENVE	Max	0	0	0	-3,9554	-8,1446	-0,6169	-14,64	-3,11
1367	Shell-Thin	SLE-ENVE	Max	0	0	0	-3,8091	-7,4202	-0,8166	-14,13	-3,11
1367	Shell-Thin	SLE-ENVE	Max	0	0	0	-11,2996	-7,9485	-0,9079	-14,13	-2,87
1367	Shell-Thin	SLE-ENVE	Min	0	0	0	-12,4313	-9,7137	-0,8531	-15,37	-3,45
1367	Shell-Thin	SLE-ENVE	Min	0	0	0	-4,2628	-9,3041	-0,7365	-15,37	-3,67
1367	Shell-Thin	SLE-ENVE	Min	0	0	0	-4,0887	-8,445	-0,9781	-14,85	-3,67
1367	Shell-Thin	SLE-ENVE	Min	0	0	0	-11,997	-8,931	-1,0947	-14,85	-3,45
1368	Shell-Thin	SLU-ENVE	Max	0	0	0	-17,373	-	-1,9812	-21,31	-7,84
								13,6139			
1368	Shell-Thin	SLU-ENVE	Max	0	0	0	-6,0215	-	-1,7291	-21,31	-7,32
								13,0278			
1368	Shell-Thin	SLU-ENVE	Max	0	0	0	-5,6883	-	-2,0739	-19,89	-7,32
								11,3237			
1368	Shell-Thin	SLU-ENVE	Max	0	0	0	-16,332	-	-2,326	-19,89	-7,84
								11,7929			
1368	Shell-Thin	SLU-ENVE	Min	0	0	0	-19,1075	-15,528	-2,3933	-23,53	-9,36

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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
1368	Shell-Thin	SLU-ENVE	Min	0	0	0	-6,5355	-	-2,0693	-23,53	-8,5
								14,9369			
1368	Shell-Thin	SLU-ENVE	Min	0	0	0	-6,1737	-	-2,474	-21,76	-8,5
								12,9741			
1368	Shell-Thin	SLU-ENVE	Min	0	0	0	-17,8635	-	-2,798	-21,76	-9,36
								13,3503			
1368	Shell-Thin	SLE-ENVE	Max	0	0	0	-11,3008	-7,9541	-1,1254	-14,17	-4,36
1368	Shell-Thin	SLE-ENVE	Max	0	0	0	-3,8087	-7,4185	-0,9838	-14,17	-4,09
1368	Shell-Thin	SLE-ENVE	Max	0	0	0	-3,6275	-6,4641	-1,1781	-13,39	-4,09
1368	Shell-Thin	SLE-ENVE	Max	0	0	0	-10,7183	-6,9242	-1,3197	-13,39	-4,36
1368	Shell-Thin	SLE-ENVE	Min	0	0	0	-11,9986	-8,9391	-1,3569	-14,91	-5,2
1368	Shell-Thin	SLE-ENVE	Min	0	0	0	-4,0883	-8,4427	-1,1753	-14,91	-4,74
1368	Shell-Thin	SLE-ENVE	Min	0	0	0	-3,8835	-7,3477	-1,4032	-13,94	-4,74
1368	Shell-Thin	SLE-ENVE	Min	0	0	0	-11,3068	-7,7304	-1,5848	-13,94	-5,2
1369	Shell-Thin	SLU-ENVE	Max	0	0	0	-16,3297	-	-2,6956	-19,97	-7,96
								11,7818			
1369	Shell-Thin	SLU-ENVE	Max	0	0	0	-5,6889	-11,327	-2,4096	-19,97	-8,3
1369	Shell-Thin	SLU-ENVE	Max	0	0	0	-5,2835	-9,2345	-2,7537	-18,55	-8,3
1369	Shell-Thin	SLU-ENVE	Max	0	0	0	-15,2153	-9,7222	-3,0397	-18,55	-7,96
1369	Shell-Thin	SLU-ENVE	Min	0	0	0	-17,8599	-	-3,2244	-21,82	-9,3
								13,3324			
1369	Shell-Thin	SLU-ENVE	Min	0	0	0	-6,1747	-	-2,8595	-21,82	-9,67
								12,9789			
1369	Shell-Thin	SLU-ENVE	Min	0	0	0	-5,6981	-	-3,2463	-20,23	-9,67
								10,7436			
1369	Shell-Thin	SLU-ENVE	Min	0	0	0	-16,5854	-	-3,6112	-20,23	-9,3
								11,1909			
1369	Shell-Thin	SLE-ENVE	Max	0	0	0	-10,717	-6,9153	-1,5272	-13,4	-4,41
1369	Shell-Thin	SLE-ENVE	Max	0	0	0	-3,6279	-6,4665	-1,3674	-13,4	-4,61
1369	Shell-Thin	SLE-ENVE	Max	0	0	0	-3,4009	-5,2672	-1,5609	-12,57	-4,61
1369	Shell-Thin	SLE-ENVE	Max	0	0	0	-10,0787	-5,7115	-1,7208	-12,57	-4,41
1369	Shell-Thin	SLE-ENVE	Min	0	0	0	-11,3048	-7,7201	-1,8241	-13,97	-5,16
1369	Shell-Thin	SLE-ENVE	Min	0	0	0	-3,8841	-7,3505	-1,6202	-13,97	-5,36
1369	Shell-Thin	SLE-ENVE	Min	0	0	0	-3,6196	-6,112	-1,8378	-13,08	-5,36
1369	Shell-Thin	SLE-ENVE	Min	0	0	0	-10,5948	-6,5329	-2,0417	-13,08	-5,16
1370	Shell-Thin	SLU-ENVE	Max	0	0	0	-6,4614	-	-0,4017	-11,5	-3,68
								15,3213			
1370	Shell-Thin	SLU-ENVE	Max	0	0	0	0,0024	-	-0,4798	-11,5	-2,6
								15,6246			
1370	Shell-Thin	SLU-ENVE	Max	0	0	0	-0,0129	-	-0,8376	-11,14	-2,6
								14,9323			
1370	Shell-Thin	SLU-ENVE	Max	0	0	0	-6,2996	-	-0,7595	-11,14	-3,68
								14,3504			
1370	Shell-Thin	SLU-ENVE	Min	0	0	0	-7,0389	-	-0,4806	-12,43	-4,29
								17,6237			
1370	Shell-Thin	SLU-ENVE	Min	0	0	0	-	-	-0,5795	-12,43	-3,23
							0,0008167	18,0802			
1370	Shell-Thin	SLU-ENVE	Min	0	0	0	-0,0144	-	-0,9916	-12,06	-3,23
								17,2238			
1370	Shell-Thin	SLU-ENVE	Min	0	0	0	-6,8681	-16,502	-0,8927	-12,06	-4,29
1370	Shell-Thin	SLE-ENVE	Max	0	0	0	-4,0458	-8,6901	-0,2361	-7,32	-2,06
1370	Shell-Thin	SLE-ENVE	Max	0	0	0	0,0026	-8,7709	-0,2783	-7,32	-1,33
1370	Shell-Thin	SLE-ENVE	Max	0	0	0	-0,0083	-8,4162	-0,487	-7,11	-1,33
1370	Shell-Thin	SLE-ENVE	Max	0	0	0	-3,9637	-8,1472	-0,4449	-7,11	-2,06
1370	Shell-Thin	SLE-ENVE	Min	0	0	0	-4,3683	-9,9339	-0,2794	-7,81	-2,4

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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
1370	Shell-Thin	SLE-ENVE	Min	0	0	0	0,0008404	-	-0,3329	-7,81	-1,68
								10,0929			
1370	Shell-Thin	SLE-ENVE	Min	0	0	0	-0,0092	-9,6471	-0,5648	-7,6	-1,68
1370	Shell-Thin	SLE-ENVE	Min	0	0	0	-4,2724	-9,3063	-0,5114	-7,6	-2,4
1371	Shell-Thin	SLU-ENVE	Max	0	0	0	-6,2995	-	-1,1079	-11,19	-5,01
								14,3498			
1371	Shell-Thin	SLU-ENVE	Max	0	0	0	-0,0132	-14,934	-1,2349	-11,19	-6,23
1371	Shell-Thin	SLU-ENVE	Max	0	0	0	0,006	-	-1,581	-10,7	-6,23
								13,3064			
1371	Shell-Thin	SLU-ENVE	Max	0	0	0	-6,0361	-	-1,4493	-10,7	-5,01
								13,0335			
1371	Shell-Thin	SLU-ENVE	Min	0	0	0	-6,868	-	-1,2944	-12,11	-5,93
								16,5016			
1371	Shell-Thin	SLU-ENVE	Min	0	0	0	-0,0145	-	-1,4424	-12,11	-7,09
								17,2255			
1371	Shell-Thin	SLU-ENVE	Min	0	0	0	0,0041	-15,379	-1,8425	-11,53	-7,09
1371	Shell-Thin	SLU-ENVE	Min	0	0	0	-6,5601	-	-1,6945	-11,53	-5,93
								14,9456			
1371	Shell-Thin	SLE-ENVE	Max	0	0	0	-3,9637	-8,1468	-0,6345	-7,14	-2,76
1371	Shell-Thin	SLE-ENVE	Max	0	0	0	-0,0085	-8,4172	-0,7186	-7,14	-3,58
1371	Shell-Thin	SLE-ENVE	Max	0	0	0	0,0046	-7,4838	-0,9156	-6,87	-3,58
1371	Shell-Thin	SLE-ENVE	Max	0	0	0	-3,8183	-7,4217	-0,8253	-6,87	-2,76
1371	Shell-Thin	SLE-ENVE	Min	0	0	0	-4,2724	-9,306	-0,7386	-7,63	-3,27
1371	Shell-Thin	SLE-ENVE	Min	0	0	0	-0,0093	-9,6481	-0,8216	-7,63	-4,06
1371	Shell-Thin	SLE-ENVE	Min	0	0	0	0,0036	-8,5926	-1,0467	-7,31	-4,06
1371	Shell-Thin	SLE-ENVE	Min	0	0	0	-4,1011	-8,4474	-0,9637	-7,31	-3,27
1372	Shell-Thin	SLU-ENVE	Max	0	0	0	-6,0355	-	-1,7616	-10,76	-6,49
								13,0306			
1372	Shell-Thin	SLU-ENVE	Max	0	0	0	0,0053	-	-1,9007	-10,76	-5,44
								13,3097			
1372	Shell-Thin	SLU-ENVE	Max	0	0	0	-0,0081	-	-2,2318	-10,06	-5,44
								11,8795			
1372	Shell-Thin	SLU-ENVE	Max	0	0	0	-5,7019	-	-2,0933	-10,06	-6,49
								11,3264			
1372	Shell-Thin	SLU-ENVE	Min	0	0	0	-6,5593	-	-2,065	-11,59	-7,55
								14,9416			
1372	Shell-Thin	SLU-ENVE	Min	0	0	0	0,0033	-	-2,2196	-11,59	-6,51
								15,3829			
1372	Shell-Thin	SLU-ENVE	Min	0	0	0	-0,0094	-	-2,6039	-10,82	-6,51
								13,6769			
1372	Shell-Thin	SLU-ENVE	Min	0	0	0	-6,1848	-	-2,4493	-10,82	-7,55
								12,9763			
1372	Shell-Thin	SLE-ENVE	Max	0	0	0	-3,8179	-7,4199	-1,0004	-6,9	-3,63
1372	Shell-Thin	SLE-ENVE	Max	0	0	0	0,0042	-7,4857	-1,0926	-6,9	-2,91
1372	Shell-Thin	SLE-ENVE	Max	0	0	0	-0,0057	-6,7175	-1,2794	-6,51	-2,91
1372	Shell-Thin	SLE-ENVE	Max	0	0	0	-3,6357	-6,4655	-1,1872	-6,51	-3,63
1372	Shell-Thin	SLE-ENVE	Min	0	0	0	-4,1006	-8,4452	-1,1713	-7,34	-4,22
1372	Shell-Thin	SLE-ENVE	Min	0	0	0	0,0031	-8,5949	-1,2552	-7,34	-3,5
1372	Shell-Thin	SLE-ENVE	Min	0	0	0	-0,0063	-7,678	-1,4715	-6,9	-3,5
1372	Shell-Thin	SLE-ENVE	Min	0	0	0	-3,8905	-7,3491	-1,3876	-6,9	-4,22
1373	Shell-Thin	SLU-ENVE	Max	0	0	0	-5,7026	-	-2,4208	-10,11	-7,32
								11,3297			
1373	Shell-Thin	SLU-ENVE	Max	0	0	0	-0,008	-	-2,5952	-10,11	-8,26
								11,8793			
1373	Shell-Thin	SLU-ENVE	Max	0	0	0	-0,0081	-9,6037	-2,9143	-9,29	-8,26

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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
1373	Shell-Thin	SLU-ENVE	Max	0	0	0	-5,2933	-9,2367	-2,7454	-9,29	-7,32
1373	Shell-Thin	SLU-ENVE	Min	0	0	0	-6,1857	-	-2,8237	-10,88	-8,55
								12,9811			
1373	Shell-Thin	SLU-ENVE	Min	0	0	0	-0,0094	-	-3,0178	-10,88	-9,44
								13,6764			
1373	Shell-Thin	SLU-ENVE	Min	0	0	0	-0,0106	-11,22	-3,387	-9,92	-9,44
1373	Shell-Thin	SLU-ENVE	Min	0	0	0	-5,7105	-	-3,193	-9,92	-8,55
								10,7461			
1373	Shell-Thin	SLE-ENVE	Max	0	0	0	-3,6362	-6,4679	-1,3727	-6,53	-4,06
1373	Shell-Thin	SLE-ENVE	Max	0	0	0	-0,0056	-6,7166	-1,489	-6,53	-4,69
1373	Shell-Thin	SLE-ENVE	Max	0	0	0	-0,004	-5,3831	-1,6736	-6,08	-4,69
1373	Shell-Thin	SLE-ENVE	Max	0	0	0	-3,4062	-5,2684	-1,5573	-6,08	-4,06
1373	Shell-Thin	SLE-ENVE	Min	0	0	0	-3,8911	-7,3519	-1,5995	-6,94	-4,74
1373	Shell-Thin	SLE-ENVE	Min	0	0	0	-0,0063	-7,6776	-1,708	-6,94	-5,34
1373	Shell-Thin	SLE-ENVE	Min	0	0	0	-0,0054	-6,288	-1,9165	-6,41	-5,34
1373	Shell-Thin	SLE-ENVE	Min	0	0	0	-3,6262	-6,1133	-1,808	-6,41	-4,74
1374	Shell-Thin	SLU-ENVE	Max	0	0	0	0,0074	-8,1923	0,5796	12,43	-0,73
1374	Shell-Thin	SLU-ENVE	Max	0	0	0	-4,7432	-8,2918	0,4805	12,43	-1,86
1374	Shell-Thin	SLU-ENVE	Max	0	0	0	-4,6521	-7,8139	0,8926	12,06	-1,86
1374	Shell-Thin	SLU-ENVE	Max	0	0	0	-0,0119	-7,997	0,9916	12,06	-0,73
1374	Shell-Thin	SLU-ENVE	Min	0	-1,44E-20	0	-	-	0,1996	8,68	-3,23
							0,0004526	18,0818			
1374	Shell-Thin	SLU-ENVE	Min	0	0	0	-7,0383	-	0,1734	8,68	-4,29
								17,6258			
1374	Shell-Thin	SLU-ENVE	Min	0	0	0	-6,8676	-	0,3777	8,46	-4,29
								16,5036			
1374	Shell-Thin	SLU-ENVE	Min	0	-	0	-0,0142	-17,225	0,4039	8,46	-3,23
					1,435E-20						
1374	Shell-Thin	SLE-ENVE	Max	0	0	0	0,0054	-4,5839	0,3329	7,81	-0,29
1374	Shell-Thin	SLE-ENVE	Max	0	0	0	-3,0877	-4,7356	0,2794	7,81	-1,05
1374	Shell-Thin	SLE-ENVE	Max	0	0	0	-3,0364	-4,4654	0,5112	7,6	-1,05
1374	Shell-Thin	SLE-ENVE	Max	0	0	0	-0,0078	-4,5046	0,5648	7,6	-0,29
1374	Shell-Thin	SLE-ENVE	Min	0	0	0	0,0011	-	0,1184	5,72	-1,68
								10,0936			
1374	Shell-Thin	SLE-ENVE	Min	0	0	0	-4,3679	-9,9349	0,1052	5,72	-2,4
1374	Shell-Thin	SLE-ENVE	Min	0	0	0	-4,2721	-9,307	0,221	5,59	-2,4
1374	Shell-Thin	SLE-ENVE	Min	0	0	0	-0,009	-9,6476	0,2343	5,59	-1,68
1375	Shell-Thin	SLU-ENVE	Max	0	0	0	-0,0121	-7,9983	1,4423	12,11	-3,59
1375	Shell-Thin	SLU-ENVE	Max	0	0	0	-4,652	-7,8135	1,2941	12,11	-2,29
1375	Shell-Thin	SLU-ENVE	Max	0	0	0	-4,5068	-7,2122	1,6941	11,53	-2,29
1375	Shell-Thin	SLU-ENVE	Max	0	0	0	0,0088	-7,0728	1,8423	11,53	-3,59
1375	Shell-Thin	SLU-ENVE	Min	0	-	0	-0,0145	-	0,6409	8,5	-7,09
					1,339E-20			17,2267			
1375	Shell-Thin	SLU-ENVE	Min	0	0	0	-6,8675	-	0,5829	8,5	-5,93
								16,5032			
1375	Shell-Thin	SLU-ENVE	Min	0	0	0	-6,5598	-	0,7784	8,25	-5,93
								14,9464			
1375	Shell-Thin	SLU-ENVE	Min	0	-	0	0,0041	-	0,8364	8,25	-7,09
					1,351E-20			15,3795			
1375	Shell-Thin	SLE-ENVE	Max	0	0	0	-0,0079	-4,5053	0,8215	7,63	-2,11
1375	Shell-Thin	SLE-ENVE	Max	0	0	0	-3,0364	-4,4652	0,7384	7,63	-1,25
1375	Shell-Thin	SLE-ENVE	Max	0	0	0	-2,955	-4,1357	0,9635	7,31	-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
1375	Shell-Thin	SLE-ENVE	Max	0	0	0	0,0061	-3,961	1,0466	7,31	-2,11
1375	Shell-Thin	SLE-ENVE	Min	0	0	0	-0,0092	-9,6485	0,3716	5,61	-4,06
1375	Shell-Thin	SLE-ENVE	Min	0	0	0	-4,2721	-9,3067	0,3385	5,61	-3,27
1375	Shell-Thin	SLE-ENVE	Min	0	0	0	-4,1008	-8,4477	0,4492	5,48	-3,27
1375	Shell-Thin	SLE-ENVE	Min	0	0	0	0,0036	-8,5927	0,4823	5,48	-4,06
1376	Shell-Thin	SLU-ENVE	Max	0	0	0	0,0083	-7,0751	2,2193	11,59	-2,14
1376	Shell-Thin	SLU-ENVE	Max	0	0	0	-4,5064	-7,2103	2,0646	11,59	-3,25
1376	Shell-Thin	SLU-ENVE	Max	0	0	0	-4,3196	-6,3746	2,4489	10,82	-3,25
1376	Shell-Thin	SLU-ENVE	Max	0	0	0	-0,0081	-6,5184	2,6037	10,82	-2,14
1376	Shell-Thin	SLU-ENVE	Min	0	-	0	0,0033	-	1	8,29	-6,52
					1,219E-20			15,3835			
1376	Shell-Thin	SLU-ENVE	Min	0	0	0	-6,559	-	0,9542	8,29	-7,56
								14,9424			
1376	Shell-Thin	SLU-ENVE	Min	0	0	0	-6,1845	-	1,139	7,88	-7,56
								12,9762			
1376	Shell-Thin	SLU-ENVE	Min	0	-1,22E-20	0	-0,0098	-	1,1847	7,88	-6,52
								13,6768			
1376	Shell-Thin	SLE-ENVE	Max	0	0	0	0,0059	-3,9623	1,255	7,34	-1,07
1376	Shell-Thin	SLE-ENVE	Max	0	0	0	-2,9548	-4,1346	1,171	7,34	-1,83
1376	Shell-Thin	SLE-ENVE	Max	0	0	0	-2,8493	-3,6658	1,3873	6,9	-1,83
1376	Shell-Thin	SLE-ENVE	Max	0	0	0	-0,0057	-3,683	1,4713	6,9	-1,07
1376	Shell-Thin	SLE-ENVE	Min	0	0	0	0,0031	-8,595	0,5716	5,5	-3,5
1376	Shell-Thin	SLE-ENVE	Min	0	0	0	-4,1004	-8,4454	0,5481	5,5	-4,22
1376	Shell-Thin	SLE-ENVE	Min	0	0	0	-3,8903	-7,3489	0,6528	5,27	-4,22
1376	Shell-Thin	SLE-ENVE	Min	0	0	0	-0,0066	-7,6778	0,6764	5,27	-3,5
1377	Shell-Thin	SLU-ENVE	Max	0	0	0	-0,008	-6,5178	3,0175	10,88	-4,55
1377	Shell-Thin	SLU-ENVE	Max	0	0	0	-4,3201	-6,3773	2,8233	10,88	-3,54
1377	Shell-Thin	SLU-ENVE	Max	0	0	0	-4,0968	-5,4532	3,1925	9,92	-3,54
1377	Shell-Thin	SLU-ENVE	Max	0	0	0	-0,0025	-5,3417	3,3867	9,92	-4,55
1377	Shell-Thin	SLU-ENVE	Min	0	-	0	-0,0097	-	1,4013	7,91	-9,44
					1,074E-20			13,6763			
1377	Shell-Thin	SLU-ENVE	Min	0	0	0	-6,1855	-12,981	1,3223	7,91	-8,55
1377	Shell-Thin	SLU-ENVE	Min	0	0	0	-5,7103	-	1,5004	7,48	-8,55
								10,7452			
1377	Shell-Thin	SLU-ENVE	Min	0	-	0	-0,0106	-	1,5794	7,48	-9,44
					1,083E-20			11,2191			
1377	Shell-Thin	SLE-ENVE	Max	0	0	0	-0,0056	-3,6825	1,7078	6,94	-2,63
1377	Shell-Thin	SLE-ENVE	Max	0	0	0	-2,8496	-3,6675	1,5991	6,94	-1,96
1377	Shell-Thin	SLE-ENVE	Max	0	0	0	-2,7244	-3,1561	1,8076	6,41	-1,96
1377	Shell-Thin	SLE-ENVE	Max	0	0	0	-	-3,0034	1,9162	6,41	-2,63
							0,0008696				
1377	Shell-Thin	SLE-ENVE	Min	0	0	0	-0,0065	-7,6773	0,8025	5,28	-5,34
1377	Shell-Thin	SLE-ENVE	Min	0	0	0	-3,8909	-7,3517	0,7578	5,28	-4,74
1377	Shell-Thin	SLE-ENVE	Min	0	0	0	-3,6261	-6,1126	0,8595	5,04	-4,74
1377	Shell-Thin	SLE-ENVE	Min	0	0	0	-0,0054	-6,2874	0,9042	5,04	-5,34
1378	Shell-Thin	SLU-ENVE	Max	0	0	0	-4,7366	-8,2905	0,4445	25,42	-2,08
1378	Shell-Thin	SLU-ENVE	Max	0	0	0	-14,6686	-9,2343	0,588	25,42	-2,31
1378	Shell-Thin	SLU-ENVE	Max	0	0	0	-14,374	-8,6972	1,0202	24,34	-2,31
1378	Shell-Thin	SLU-ENVE	Max	0	0	0	-4,6385	-7,8111	0,8767	24,34	-2,08
1378	Shell-Thin	SLU-ENVE	Min	0	0	0	-7,0096	-	0,1742	18,99	-4,77
								17,6201			

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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
1378	Shell-Thin	SLU-ENVE	Min	0	0	0	-20,5814	-	0,2531	18,99	-6,01
								18,3621			
1378	Shell-Thin	SLU-ENVE	Min	0	0	0	-19,8842	-	0,4723	18,59	-6,01
								16,9307			
1378	Shell-Thin	SLU-ENVE	Min	0	0	0	-6,8521	-	0,3933	18,59	-4,77
								16,5005			
1378	Shell-Thin	SLE-ENVE	Max	0	0	0	-3,0847	-4,735	0,2601	15,96	-1,17
1378	Shell-Thin	SLE-ENVE	Max	0	0	0	-9,5247	-5,43	0,3405	15,96	-1,3
1378	Shell-Thin	SLE-ENVE	Max	0	0	0	-9,3598	-5,1275	0,5839	15,36	-1,3
1378	Shell-Thin	SLE-ENVE	Max	0	0	0	-3,028	-4,4637	0,5035	15,36	-1,17
1378	Shell-Thin	SLE-ENVE	Min	0	0	0	-4,3529	-9,9319	0,1059	12,38	-2,67
1378	Shell-Thin	SLE-ENVE	Min	0	0	0	-12,8181	-	0,1504	12,38	-3,34
								10,5111			
1378	Shell-Thin	SLE-ENVE	Min	0	0	0	-12,4313	-9,7162	0,275	12,17	-3,34
1378	Shell-Thin	SLE-ENVE	Min	0	0	0	-4,2625	-9,305	0,2305	12,17	-2,67
1379	Shell-Thin	SLU-ENVE	Max	0	0	0	-4,6384	-7,8108	1,2899	24,35	-2,62
1379	Shell-Thin	SLU-ENVE	Max	0	0	0	-14,3739	-8,697	1,4987	24,35	-2,43
1379	Shell-Thin	SLU-ENVE	Max	0	0	0	-14,0092	-8,1451	1,9278	23,42	-2,43
1379	Shell-Thin	SLU-ENVE	Max	0	0	0	-4,5023	-7,2112	1,719	23,42	-2,62
1379	Shell-Thin	SLU-ENVE	Min	0	0	0	-6,8521	-	0,5955	18,63	-6,65
								16,5001			
1379	Shell-Thin	SLU-ENVE	Min	0	0	0	-19,8837	-	0,7083	18,63	-6,07
								16,9283			
1379	Shell-Thin	SLU-ENVE	Min	0	0	0	-19,1042	-	0,9196	18,17	-6,07
								15,5146			
1379	Shell-Thin	SLU-ENVE	Min	0	0	0	-6,536	-	0,8068	18,17	-6,65
								14,9417			
1379	Shell-Thin	SLE-ENVE	Max	0	0	0	-3,028	-4,4635	0,7361	15,37	-1,44
1379	Shell-Thin	SLE-ENVE	Max	0	0	0	-9,3598	-5,1274	0,8527	15,37	-1,33
1379	Shell-Thin	SLE-ENVE	Max	0	0	0	-9,1572	-4,8258	1,0942	14,85	-1,33
1379	Shell-Thin	SLE-ENVE	Max	0	0	0	-2,9532	-4,1353	0,9777	14,85	-1,44
1379	Shell-Thin	SLE-ENVE	Min	0	0	0	-4,2625	-9,3048	0,3456	12,18	-3,67
1379	Shell-Thin	SLE-ENVE	Min	0	0	0	-12,431	-9,7149	0,4087	12,18	-3,37
1379	Shell-Thin	SLE-ENVE	Min	0	0	0	-11,9967	-8,9314	0,5288	11,93	-3,37
1379	Shell-Thin	SLE-ENVE	Min	0	0	0	-4,0885	-8,4453	0,4657	11,93	-3,67
1380	Shell-Thin	SLU-ENVE	Max	0	0	0	-4,5019	-7,2094	2,0687	23,53	-3,68
1380	Shell-Thin	SLU-ENVE	Max	0	0	0	-14,0105	-8,1517	2,3926	23,53	-3,77
1380	Shell-Thin	SLU-ENVE	Max	0	0	0	-13,4639	-7,2916	2,7973	21,76	-3,77
1380	Shell-Thin	SLU-ENVE	Max	0	0	0	-4,3099	-6,3727	2,4734	21,76	-3,68
1380	Shell-Thin	SLU-ENVE	Min	0	0	0	-6,5352	-	0,9816	18,24	-8,5
								14,9377			
1380	Shell-Thin	SLU-ENVE	Min	0	0	0	-19,1071	-	1,1479	18,24	-9,36
								15,5289			
1380	Shell-Thin	SLU-ENVE	Min	0	0	0	-17,8631	-	1,3428	17,53	-9,36
								13,3503			
1380	Shell-Thin	SLU-ENVE	Min	0	0	0	-6,1735	-12,974	1,1765	17,53	-8,5
1380	Shell-Thin	SLE-ENVE	Max	0	0	0	-2,9529	-4,1342	1,1749	14,91	-2,07
1380	Shell-Thin	SLE-ENVE	Max	0	0	0	-9,158	-4,8299	1,3564	14,91	-2,11
1380	Shell-Thin	SLE-ENVE	Max	0	0	0	-8,851	-4,3495	1,5843	13,93	-2,11
1380	Shell-Thin	SLE-ENVE	Max	0	0	0	-2,8433	-3,6646	1,4028	13,93	-2,07
1380	Shell-Thin	SLE-ENVE	Min	0	0	0	-4,0881	-8,443	0,5646	11,97	-4,74
1380	Shell-Thin	SLE-ENVE	Min	0	0	0	-11,9983	-8,9395	0,659	11,97	-5,2
1380	Shell-Thin	SLE-ENVE	Min	0	0	0	-11,3065	-7,7302	0,7697	11,57	-5,2
1380	Shell-Thin	SLE-ENVE	Min	0	0	0	-3,8833	-7,3475	0,6752	11,57	-4,74

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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
1381	Shell-Thin	SLU-ENVE	Max	0	0	0	-4,3105	-6,3754	2,8588	21,82	-4,05
1381	Shell-Thin	SLU-ENVE	Max	0	0	0	-13,4624	-7,2838	3,2237	21,82	-3,81
1381	Shell-Thin	SLU-ENVE	Max	0	0	0	-12,8902	-6,4212	3,6105	20,23	-3,81
1381	Shell-Thin	SLU-ENVE	Max	0	0	0	-4,0925	-5,4523	3,2457	20,23	-4,05
1381	Shell-Thin	SLU-ENVE	Min	0	0	0	-6,1744	-	1,359	17,59	-9,67
								12,9788			
1381	Shell-Thin	SLU-ENVE	Min	0	0	0	-17,8595	-	1,5394	17,59	-9,3
								13,3323			
1381	Shell-Thin	SLU-ENVE	Min	0	0	0	-16,5847	-	1,7178	16,88	-9,3
								11,1899			
1381	Shell-Thin	SLU-ENVE	Min	0	0	0	-5,6979	-	1,5374	16,88	-9,67
								10,7428			
1381	Shell-Thin	SLE-ENVE	Max	0	0	0	-2,8436	-3,6663	1,6198	13,97	-2,25
1381	Shell-Thin	SLE-ENVE	Max	0	0	0	-8,85	-4,3447	1,8236	13,97	-2,1
1381	Shell-Thin	SLE-ENVE	Max	0	0	0	-8,5313	-3,8699	2,0412	13,08	-2,1
1381	Shell-Thin	SLE-ENVE	Max	0	0	0	-2,7221	-3,1557	1,8373	13,08	-2,25
1381	Shell-Thin	SLE-ENVE	Min	0	0	0	-3,8839	-7,3503	0,7793	11,61	-5,36
1381	Shell-Thin	SLE-ENVE	Min	0	0	0	-11,3044	-7,72	0,8805	11,61	-5,16
1381	Shell-Thin	SLE-ENVE	Min	0	0	0	-10,5943	-6,5322	0,9816	11,21	-5,16
1381	Shell-Thin	SLE-ENVE	Min	0	0	0	-3,6194	-6,1113	0,8804	11,21	-5,36
1382	Shell-Thin	SLU-ENVE	Max	0	0	0	-14,6362	-9,2278	0,8229	41,05	-2,71
1382	Shell-Thin	SLU-ENVE	Max	0	0	0	-30,7065	-	1,4935	41,05	-0,55
								10,6519			
1382	Shell-Thin	SLU-ENVE	Max	0	0	0	-30,1551	-	2,1341	39,68	-0,55
								10,6613			
1382	Shell-Thin	SLU-ENVE	Max	0	0	0	-14,3764	-8,6977	1,4635	39,68	-2,71
1382	Shell-Thin	SLU-ENVE	Min	0	0	0	-20,4917	-	0,3644	30,9	-6,99
								18,3442			
1382	Shell-Thin	SLU-ENVE	Min	0	0	0	-42,297	-	0,659	30,9	-2,43
								18,8521			
1382	Shell-Thin	SLU-ENVE	Min	0	0	0	-41,0103	-18,859	0,9696	30,31	-2,43
1382	Shell-Thin	SLU-ENVE	Min	0	0	0	-19,8878	-	0,675	30,31	-6,99
								16,9314			
1382	Shell-Thin	SLE-ENVE	Max	0	0	0	-9,5058	-5,4262	0,4705	25,11	-1,52
1382	Shell-Thin	SLE-ENVE	Max	0	0	0	-19,591	-6,4179	0,8437	25,11	-0,21
1382	Shell-Thin	SLE-ENVE	Max	0	0	0	-19,2843	-6,4472	1,2033	24,35	-0,21
1382	Shell-Thin	SLE-ENVE	Max	0	0	0	-9,3623	-5,128	0,8301	24,35	-1,52
1382	Shell-Thin	SLE-ENVE	Min	0	0	0	-12,7679	-10,501	0,2119	19,47	-3,88
1382	Shell-Thin	SLE-ENVE	Min	0	0	0	-26,0443	-	0,3771	19,47	-1,26
								10,9946			
1382	Shell-Thin	SLE-ENVE	Min	0	0	0	-25,3281	-	0,5532	19,14	-1,26
								11,0052			
1382	Shell-Thin	SLE-ENVE	Min	0	0	0	-12,4338	-9,7167	0,388	19,14	-3,88
1383	Shell-Thin	SLU-ENVE	Max	0	0	0	-14,3764	-8,6975	1,8858	39,83	-2,99
1383	Shell-Thin	SLU-ENVE	Max	0	0	0	-30,1559	-	2,7624	39,83	-5,03
								10,6654			
1383	Shell-Thin	SLU-ENVE	Max	0	0	0	-29,3181	-9,5976	3,3678	37,27	-5,03
1383	Shell-Thin	SLU-ENVE	Max	0	0	0	-13,9825	-8,1397	2,4912	37,27	-2,99
1383	Shell-Thin	SLU-ENVE	Min	0	0	0	-19,8873	-16,929	0,8991	30,39	-7,46
1383	Shell-Thin	SLU-ENVE	Min	0	0	0	-41,0139	-18,877	1,2768	30,39	-13,52
1383	Shell-Thin	SLU-ENVE	Min	0	0	0	-38,8849	-	1,5682	29,51	-13,52
								15,9362			
1383	Shell-Thin	SLU-ENVE	Min	0	0	0	-19,0389	-	1,1904	29,51	-7,46
								15,5015			

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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
1383	Shell-Thin	SLE-ENVE	Max	0	0	0	-9,3622	-5,1279	1,0686	24,43	-1,64
1383	Shell-Thin	SLE-ENVE	Max	0	0	0	-19,2848	-6,4495	1,5549	24,43	-2,88
1383	Shell-Thin	SLE-ENVE	Max	0	0	0	-18,8203	-5,8336	1,895	23,02	-2,88
1383	Shell-Thin	SLE-ENVE	Max	0	0	0	-9,1414	-4,8226	1,4086	23,02	-1,64
1383	Shell-Thin	SLE-ENVE	Min	0	0	0	-12,4335	-9,7154	0,5153	19,18	-4,14
1383	Shell-Thin	SLE-ENVE	Min	0	0	0	-25,3301	-	0,7241	19,18	-7,52
								11,0152			
1383	Shell-Thin	SLE-ENVE	Min	0	0	0	-24,1506	-9,3773	0,8895	18,7	-7,52
1383	Shell-Thin	SLE-ENVE	Min	0	0	0	-11,9599	-8,924	0,6807	18,7	-4,14
1384	Shell-Thin	SLU-ENVE	Max	0	0	0	-13,9838	-8,1464	2,9978	37,33	-4,5
1384	Shell-Thin	SLU-ENVE	Max	0	0	0	-29,3135	-9,5744	4,2482	37,33	-2,1
1384	Shell-Thin	SLU-ENVE	Max	0	0	0	-28,3232	-9,3184	4,831	34,86	-2,1
1384	Shell-Thin	SLU-ENVE	Max	0	0	0	-13,4622	-7,2913	3,5806	34,86	-4,5
1384	Shell-Thin	SLU-ENVE	Min	0	0	0	-19,0418	-	1,4295	29,58	-11,16
								15,5158			
1384	Shell-Thin	SLU-ENVE	Min	0	0	0	-38,8742	-	1,9669	29,58	-6,32
								15,8826			
1384	Shell-Thin	SLU-ENVE	Min	0	0	0	-36,458	-	2,236	28,65	-6,32
								15,0738			
1384	Shell-Thin	SLU-ENVE	Min	0	0	0	-17,8621	-	1,6986	28,65	-11,16
								13,3501			
1384	Shell-Thin	SLE-ENVE	Max	0	0	0	-9,1422	-4,8267	1,6933	23,06	-2,51
1384	Shell-Thin	SLE-ENVE	Max	0	0	0	-18,8175	-5,8192	2,3893	23,06	-1,04
1384	Shell-Thin	SLE-ENVE	Max	0	0	0	-18,2688	-5,7111	2,7165	21,68	-1,04
1384	Shell-Thin	SLE-ENVE	Max	0	0	0	-8,8506	-4,3495	2,0205	21,68	-2,51
1384	Shell-Thin	SLE-ENVE	Min	0	0	0	-11,9616	-8,9321	0,8171	18,74	-6,2
1384	Shell-Thin	SLE-ENVE	Min	0	0	0	-24,1445	-9,3469	1,1184	18,74	-3,37
1384	Shell-Thin	SLE-ENVE	Min	0	0	0	-22,8015	-8,9094	1,271	18,23	-3,37
1384	Shell-Thin	SLE-ENVE	Min	0	0	0	-11,3062	-7,7302	0,9697	18,23	-6,2
1385	Shell-Thin	SLU-ENVE	Max	0	0	0	-13,4606	-7,2834	3,9586	35,46	-4,66
1385	Shell-Thin	SLU-ENVE	Max	0	0	0	-28,3309	-9,3567	5,3348	35,46	-6,22
1385	Shell-Thin	SLU-ENVE	Max	0	0	0	-27,0538	-8,1015	5,78	31,95	-6,22
1385	Shell-Thin	SLU-ENVE	Max	0	0	0	-12,8768	-6,4185	4,4039	31,95	-4,66
1385	Shell-Thin	SLU-ENVE	Min	0	0	0	-17,8585	-	1,8766	28,89	-11,33
								13,3321			
1385	Shell-Thin	SLU-ENVE	Min	0	0	0	-36,4774	-	2,4753	28,89	-14,75
								15,1708			
1385	Shell-Thin	SLU-ENVE	Min	0	0	0	-33,4345	-	2,6892	27,5	-14,75
								12,1703			
1385	Shell-Thin	SLU-ENVE	Min	0	0	0	-16,5694	-	2,0905	27,5	-11,33
								11,1868			
1385	Shell-Thin	SLE-ENVE	Max	0	0	0	-8,8496	-4,3446	2,2335	22,02	-2,57
1385	Shell-Thin	SLE-ENVE	Max	0	0	0	-18,2736	-5,7346	2,9984	22,02	-3,53
1385	Shell-Thin	SLE-ENVE	Max	0	0	0	-17,5612	-5,0176	3,2486	20,07	-3,53
1385	Shell-Thin	SLE-ENVE	Max	0	0	0	-8,5234	-3,8683	2,4838	20,07	-2,57
1385	Shell-Thin	SLE-ENVE	Min	0	0	0	-11,3042	-7,7199	1,0697	18,37	-6,29
1385	Shell-Thin	SLE-ENVE	Min	0	0	0	-22,8125	-8,9643	1,403	18,37	-8,21
1385	Shell-Thin	SLE-ENVE	Min	0	0	0	-21,1234	-7,2932	1,5231	17,59	-8,21
1385	Shell-Thin	SLE-ENVE	Min	0	0	0	-10,5855	-6,5304	1,1899	17,59	-6,29
1386	Shell-Thin	SLU-ENVE	Max	0	0	0	-31,6019	-10,831	3,2491	45,93	-1,04
1386	Shell-Thin	SLU-ENVE	Max	0	0	0	-51,5323	-	2,7813	45,93	-3,3
								13,5247			
1386	Shell-Thin	SLU-ENVE	Max	0	0	0	-54,0028	-	3,7016	70,39	-3,3
								12,6163			

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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
1386	Shell-Thin	SLU-ENVE	Max	0	0	0	-29,2849	-	4,2891	70,39	-1,04
								10,4872			
1386	Shell-Thin	SLU-ENVE	Min	0	0	0	-44,5812	-	1,3997	38,15	-3,73
								19,3089			
1386	Shell-Thin	SLU-ENVE	Min	0	0	0	-69,6283	-	1,2314	38,15	-14,16
								22,0096			
1386	Shell-Thin	SLU-ENVE	Min	0	0	0	-75,9728	-	1,6591	47,72	-14,16
								18,1761			
1386	Shell-Thin	SLU-ENVE	Min	0	0	0	-38,6976	-	1,8275	47,72	-3,73
								18,3964			
1386	Shell-Thin	SLE-ENVE	Max	0	0	0	-20,1428	-6,5282	1,8297	29,78	-0,47
1386	Shell-Thin	SLE-ENVE	Max	0	0	0	-32,6646	-8,3598	1,547	29,78	-1,78
1386	Shell-Thin	SLE-ENVE	Max	0	0	0	-34,2537	-7,8457	2,063	42,48	-1,78
1386	Shell-Thin	SLE-ENVE	Max	0	0	0	-18,7501	-6,3404	2,4091	42,48	-0,47
1386	Shell-Thin	SLE-ENVE	Min	0	0	0	-27,3353	-	0,8144	24,1	-1,96
								11,2528			
1386	Shell-Thin	SLE-ENVE	Min	0	0	0	-42,802	-	0,674	24,1	-7,75
								13,0599			
1386	Shell-Thin	SLE-ENVE	Min	0	0	0	-46,4213	-	0,9103	30,06	-7,75
								10,9481			
1386	Shell-Thin	SLE-ENVE	Min	0	0	0	-24,0227	-	1,0506	30,06	-1,96
								10,7441			
1387	Shell-Thin	SLU-ENVE	Max	0	0	0	-29,2857	-	3,1537	70,59	-6,21
								10,4914			
1387	Shell-Thin	SLU-ENVE	Max	0	0	0	-53,9998	-	7,6537	70,59	-3,81
								12,6009			
1387	Shell-Thin	SLU-ENVE	Max	0	0	0	-48,9822	-	8,6352	39,79	-3,81
								12,4751			
1387	Shell-Thin	SLU-ENVE	Max	0	0	0	-30,1646	-9,7669	4,1351	39,79	-6,21
1387	Shell-Thin	SLU-ENVE	Min	0	0	0	-38,7012	-	1,4475	47,81	-17,24
								18,4145			
1387	Shell-Thin	SLU-ENVE	Min	0	0	0	-75,96	-	3,1011	47,81	-8,39
								18,1123			
1387	Shell-Thin	SLU-ENVE	Min	0	0	0	-62,6608	-	3,5062	36,01	-8,39
								19,0236			
1387	Shell-Thin	SLU-ENVE	Min	0	0	0	-40,9703	-	1,8526	36,01	-17,24
								16,3533			
1387	Shell-Thin	SLE-ENVE	Max	0	0	0	-18,7506	-6,3427	1,7623	42,59	-3,54
1387	Shell-Thin	SLE-ENVE	Max	0	0	0	-34,252	-7,8372	4,279	42,59	-2,16
1387	Shell-Thin	SLE-ENVE	Max	0	0	0	-31,2521	-7,7786	4,8259	26,93	-2,16
1387	Shell-Thin	SLE-ENVE	Max	0	0	0	-19,3451	-5,9386	2,3092	26,93	-3,54
1387	Shell-Thin	SLE-ENVE	Min	0	0	0	-24,0247	-	0,7976	30,11	-9,6
								10,7541			
1387	Shell-Thin	SLE-ENVE	Min	0	0	0	-46,4142	-	1,7613	30,11	-4,7
								10,9127			
1387	Shell-Thin	SLE-ENVE	Min	0	0	0	-38,9376	-	1,9849	22,92	-4,7
								11,4035			
1387	Shell-Thin	SLE-ENVE	Min	0	0	0	-25,3314	-9,6134	1,0212	22,92	-9,6
1388	Shell-Thin	SLU-ENVE	Max	0	0	0	-30,16	-9,7437	6,6472	39,92	-2,52
1388	Shell-Thin	SLU-ENVE	Max	0	0	0	-48,9942	-12,535	7,1747	39,92	-9,86
1388	Shell-Thin	SLU-ENVE	Max	0	0	0	-50,8035	-	8,0665	59,36	-9,86
								10,1173			
1388	Shell-Thin	SLU-ENVE	Max	0	0	0	-27,5277	-9,1593	7,5391	59,36	-2,52
1388	Shell-Thin	SLU-ENVE	Min	0	0	0	-40,9596	-	2,9227	35,72	-8,08
								16,2997			

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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
1388	Shell-Thin	SLU-ENVE	Min	0	0	0	-62,7042	-	3,0154	35,72	-22,51
								19,2404			
1388	Shell-Thin	SLU-ENVE	Min	0	0	0	-66,2371	-	3,5022	44,6	-22,51
								13,8763			
1388	Shell-Thin	SLU-ENVE	Min	0	0	0	-34,7754	-	3,4094	44,6	-8,08
								14,7372			
1388	Shell-Thin	SLE-ENVE	Max	0	0	0	-19,3423	-5,9242	3,7294	26,81	-1,21
1388	Shell-Thin	SLE-ENVE	Max	0	0	0	-31,2594	-7,815	3,9934	26,81	-5,72
1388	Shell-Thin	SLE-ENVE	Max	0	0	0	-32,5145	-6,3764	4,4947	36,37	-5,72
1388	Shell-Thin	SLE-ENVE	Max	0	0	0	-17,7765	-5,6126	4,2307	36,37	-1,21
1388	Shell-Thin	SLE-ENVE	Min	0	0	0	-25,3253	-9,583	1,6668	22,72	-4,29
1388	Shell-Thin	SLE-ENVE	Min	0	0	0	-38,9619	-	1,6504	22,72	-12,51
								11,5253			
1388	Shell-Thin	SLE-ENVE	Min	0	0	0	-41,0352	-8,5294	1,9292	28,36	-12,51
1388	Shell-Thin	SLE-ENVE	Min	0	0	0	-21,8462	-8,7183	1,9456	28,36	-4,29
1389	Shell-Thin	SLU-ENVE	Max	0	0	0	-27,5354	-9,1976	6,8052	58,63	-8,46
1389	Shell-Thin	SLU-ENVE	Max	0	0	0	-50,7708	-9,954	11,4957	58,63	-0,62
1389	Shell-Thin	SLU-ENVE	Max	0	0	0	-45,7068	-	12,5151	38,51	-0,62
								10,8844			
1389	Shell-Thin	SLU-ENVE	Max	0	0	0	-27,3749	-8,1657	7,8246	38,51	-8,46
1389	Shell-Thin	SLU-ENVE	Min	0	0	0	-34,7948	-	3,0636	44,45	-19,55
								14,8342			
1389	Shell-Thin	SLU-ENVE	Min	0	0	0	-66,1498	-	5,232	44,45	-6,18
								13,4399			
1389	Shell-Thin	SLU-ENVE	Min	0	0	0	-55,3346	-	5,736	34,46	-6,18
								14,4292			
1389	Shell-Thin	SLU-ENVE	Min	0	0	0	-34,0422	-	3,5676	34,46	-19,55
								12,2918			
1389	Shell-Thin	SLE-ENVE	Max	0	0	0	-17,7812	-5,6362	3,8078	35,96	-4,83
1389	Shell-Thin	SLE-ENVE	Max	0	0	0	-32,4943	-6,2756	6,4344	35,96	-0,00641
1389	Shell-Thin	SLE-ENVE	Max	0	0	0	-29,4997	-6,9041	7,0076	24,57	-0,00641
1389	Shell-Thin	SLE-ENVE	Max	0	0	0	-17,7613	-5,0576	4,3809	24,57	-4,83
1389	Shell-Thin	SLE-ENVE	Min	0	0	0	-21,8572	-8,7732	1,7141	28,26	-10,9
1389	Shell-Thin	SLE-ENVE	Min	0	0	0	-40,9859	-8,2828	2,9743	28,26	-3,09
1389	Shell-Thin	SLE-ENVE	Min	0	0	0	-34,9032	-8,8632	3,2664	22,31	-3,09
1389	Shell-Thin	SLE-ENVE	Min	0	0	0	-21,4699	-7,3625	2,0062	22,31	-10,9
1390	Shell-Thin	SLU-ENVE	Max	0	0	0	-50,5578	-	-0,0307	178,31	-1,15
								11,1637			
1390	Shell-Thin	SLU-ENVE	Max	0	0	0	-71,9094	-	1,449	178,31	-78,89
								22,9536			
1390	Shell-Thin	SLU-ENVE	Max	0	0	0	-60,3918	5,3369	1,9704	20,73	-78,89
1390	Shell-Thin	SLU-ENVE	Max	0	0	0	-54,9569	-11,585	0,4906	20,73	-1,15
1390	Shell-Thin	SLU-ENVE	Min	0	0	0	-67,1254	-	-1,2802	84,39	-5,04
								16,0679			
1390	Shell-Thin	SLU-ENVE	Min	0	0	0	-112,4902	-	0,3235	84,39	-205,48
								44,1712			
1390	Shell-Thin	SLU-ENVE	Min	0	0	0	-82,4067	-3,9406	0,5759	12,55	-205,48
1390	Shell-Thin	SLU-ENVE	Min	0	0	0	-78,4858	-	-0,4964	12,55	-5,04
								16,6719			
1390	Shell-Thin	SLE-ENVE	Max	0	0	0	-32,0643	-7,0101	-0,08	103,94	-0,49
1390	Shell-Thin	SLE-ENVE	Max	0	0	0	-45,5374	-	0,7518	103,94	-48,33
								14,3755			
1390	Shell-Thin	SLE-ENVE	Max	0	0	0	-38,5394	2,1474	1,0404	14,25	-48,33
1390	Shell-Thin	SLE-ENVE	Max	0	0	0	-34,8393	-7,2931	0,2086	14,25	-0,49
1390	Shell-Thin	SLE-ENVE	Min	0	0	0	-41,388	-9,7486	-0,7367	53,33	-2,7

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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
1390	Shell-Thin	SLE-ENVE	Min	0	0	0	-67,8104	-	0,1234	53,33	-115,97
								25,8064			
1390	Shell-Thin	SLE-ENVE	Min	0	0	0	-50,8565	-2,6977	0,2619	10,33	-115,97
1390	Shell-Thin	SLE-ENVE	Min	0	0	0	-47,8396	-	-0,3015	10,33	-2,7
								10,1119			
1391	Shell-Thin	SLU-ENVE	Max	0	0	0	-54,9559	-11,58	6,305	20,56	-6,38
1391	Shell-Thin	SLU-ENVE	Max	0	0	0	-60,3972	5,2392	7,8075	20,56	175,48
1391	Shell-Thin	SLU-ENVE	Max	0	0	0	-68,222	-	8,8597	162	175,48
								21,7712			
1391	Shell-Thin	SLU-ENVE	Max	0	0	0	-48,0614	-10,488	7,3572	162	-6,38
1391	Shell-Thin	SLU-ENVE	Min	0	0	0	-78,4816	-16,651	2,4836	11,57	-15,84
1391	Shell-Thin	SLU-ENVE	Min	0	0	0	-82,4263	-3,9679	2,9862	11,57	69,2
1391	Shell-Thin	SLU-ENVE	Min	0	0	0	-101,9176	-	3,2881	79,43	69,2
								40,1335			
1391	Shell-Thin	SLU-ENVE	Min	0	0	0	-60,3621	-	2,7855	79,43	-15,84
								14,1946			
1391	Shell-Thin	SLE-ENVE	Max	0	0	0	-34,8388	-7,2904	3,5374	14,15	-3,68
1391	Shell-Thin	SLE-ENVE	Max	0	0	0	-38,5424	2,0932	4,3656	14,15	99,33
1391	Shell-Thin	SLE-ENVE	Max	0	0	0	-43,4962	-	4,9498	94,89	99,33
								13,7212			
1391	Shell-Thin	SLE-ENVE	Max	0	0	0	-30,6814	-6,6359	4,1216	94,89	-3,68
1391	Shell-Thin	SLE-ENVE	Min	0	0	0	-47,8373	-	1,4569	9,78	-8,88
								10,1003			
1391	Shell-Thin	SLE-ENVE	Min	0	0	0	-50,8673	-2,7128	1,7224	9,78	42,97
1391	Shell-Thin	SLE-ENVE	Min	0	0	0	-61,9466	-	1,8882	50,59	42,97
								23,5666			
1391	Shell-Thin	SLE-ENVE	Min	0	0	0	-37,6369	-8,7095	1,6227	50,59	-8,88
1392	Shell-Thin	SLU-ENVE	Max	0	0	0	-48,0653	-	1,9945	166,86	-5,34
								10,5076			
1392	Shell-Thin	SLU-ENVE	Max	0	0	0	-68,2083	-	5,0894	166,86	-76,8
								21,7029			
1392	Shell-Thin	SLU-ENVE	Max	0	0	0	-55,4587	2,0257	4,8511	14,96	-76,8
1392	Shell-Thin	SLU-ENVE	Max	0	0	0	-51,6643	-	2,1432	14,96	-5,34
								10,3187			
1392	Shell-Thin	SLU-ENVE	Min	0	0	0	-60,3763	-	0,5208	80,35	-15,33
								14,2655			
1392	Shell-Thin	SLU-ENVE	Min	0	0	0	-101,8573	-	1,6671	80,35	-180,96
								39,8321			
1392	Shell-Thin	SLU-ENVE	Min	0	0	0	-69,477	-3,6481	1,7218	6,46	-180,96
1392	Shell-Thin	SLU-ENVE	Min	0	0	0	-68,0554	-	0,5755	6,46	-15,33
								13,8167			
1392	Shell-Thin	SLE-ENVE	Max	0	0	0	-30,6838	-6,6478	1,0383	97,61	-2,93
1392	Shell-Thin	SLE-ENVE	Max	0	0	0	-43,4879	-	2,804	97,61	-47,18
								13,6802			
1392	Shell-Thin	SLE-ENVE	Max	0	0	0	-35,7524	0,3066	2,6685	10,74	-47,18
1392	Shell-Thin	SLE-ENVE	Max	0	0	0	-33,047	-6,568	1,1128	10,74	-2,93
1392	Shell-Thin	SLE-ENVE	Min	0	0	0	-37,6448	-8,7493	0,2117	51,13	-8,46
1392	Shell-Thin	SLE-ENVE	Min	0	0	0	-61,9129	-	0,8633	51,13	-102,35
								23,3979			
1392	Shell-Thin	SLE-ENVE	Min	0	0	0	-43,662	-2,536	0,8845	6,92	-102,35
1392	Shell-Thin	SLE-ENVE	Min	0	0	0	-42,0672	-8,5188	0,2329	6,92	-8,46
1393	Shell-Thin	SLU-ENVE	Max	0	0	0	-51,6536	-	6,4414	11,82	-5,71
								10,2653			
1393	Shell-Thin	SLU-ENVE	Max	0	0	0	-55,5123	1,2353	9,1682	11,82	80,55

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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
1393	Shell-Thin	SLU-ENVE	Max	0	0	0	-60,0522	-	11,1499	69,25	80,55
								15,3664			
1393	Shell-Thin	SLU-ENVE	Max	0	0	0	-45,3924	-9,6483	8,4232	69,25	-5,71
1393	Shell-Thin	SLU-ENVE	Min	0	0	0	-68,0269	-13,674	2,9239	-1,49	-17,39
1393	Shell-Thin	SLU-ENVE	Min	0	0	0	-69,6351	-3,9164	3,734	-1,49	42,56
1393	Shell-Thin	SLU-ENVE	Min	0	0	0	-74,0599	-	4,6369	55,02	42,56
								21,6288			
1393	Shell-Thin	SLU-ENVE	Min	0	0	0	-54,7631	-	3,8268	55,02	-17,39
								12,0518			
1393	Shell-Thin	SLE-ENVE	Max	0	0	0	-33,0404	-6,5351	3,6071	8,79	-3,12
1393	Shell-Thin	SLE-ENVE	Max	0	0	0	-35,7854	-0,139	5,114	8,79	46,05
1393	Shell-Thin	SLE-ENVE	Max	0	0	0	-38,7963	-9,8409	6,2346	42,87	46,05
1393	Shell-Thin	SLE-ENVE	Max	0	0	0	-29,3034	-6,189	4,7277	42,87	-3,12
1393	Shell-Thin	SLE-ENVE	Min	0	0	0	-42,0511	-8,4382	1,6801	2,32	-9,66
1393	Shell-Thin	SLE-ENVE	Min	0	0	0	-43,7511	-2,7012	2,1145	2,32	26,82
1393	Shell-Thin	SLE-ENVE	Min	0	0	0	-46,4151	-	2,6622	35,78	26,82
								13,1582			
1393	Shell-Thin	SLE-ENVE	Min	0	0	0	-34,5771	-7,5309	2,2279	35,78	-9,66
1394	Shell-Thin	SLU-ENVE	Max	0	0	0	-71,753	-	6,3323	-122,55	-79,78
								22,9223			
1394	Shell-Thin	SLU-ENVE	Max	0	0	0	-35,5295	-4,0548	8,8747	-122,55	-4,23
1394	Shell-Thin	SLU-ENVE	Max	0	0	0	-42,5436	-2,9782	10,6325	-67,1	-4,23
1394	Shell-Thin	SLU-ENVE	Max	0	0	0	-60,5396	5,2564	8,0901	-67,1	-79,78
1394	Shell-Thin	SLU-ENVE	Min	0	0	0	-112,1133	-	2,532	-313,39	-207,58
								44,0958			
1394	Shell-Thin	SLU-ENVE	Min	0	0	0	-41,7263	-7,4026	3,524	-313,39	-14,48
1394	Shell-Thin	SLU-ENVE	Min	0	0	0	-45,5556	-7,3371	4,1312	-168,11	-14,48
1394	Shell-Thin	SLU-ENVE	Min	0	0	0	-82,8091	-3,9702	3,1392	-168,11	-207,58
1394	Shell-Thin	SLE-ENVE	Max	0	0	0	-45,4411	-	3,5389	-73,62	-48,88
								14,3562			
1394	Shell-Thin	SLE-ENVE	Max	0	0	0	-24,9505	-3,3059	4,9623	-73,62	-2,46
1394	Shell-Thin	SLE-ENVE	Max	0	0	0	-28,9383	-2,709	5,9392	-39,61	-2,46
1394	Shell-Thin	SLE-ENVE	Max	0	0	0	-38,6306	2,1019	4,5158	-39,61	-48,88
1394	Shell-Thin	SLE-ENVE	Min	0	0	0	-67,597	-	1,4578	-174,51	-117,16
								25,7637			
1394	Shell-Thin	SLE-ENVE	Min	0	0	0	-30,1523	-4,9784	2,0378	-174,51	-8,08
1394	Shell-Thin	SLE-ENVE	Min	0	0	0	-32,258	-4,9445	2,376	-92,5	-8,08
1394	Shell-Thin	SLE-ENVE	Min	0	0	0	-51,0839	-2,7159	1,796	-92,5	-117,16
1395	Shell-Thin	SLU-ENVE	Max	0	0	0	-60,545	5,1587	5,1784	-66,55	179,35
1395	Shell-Thin	SLU-ENVE	Max	0	0	0	-42,5373	-2,9467	5,7019	-66,55	-0,05933
1395	Shell-Thin	SLU-ENVE	Max	0	0	0	-31,0476	-3,3184	6,9145	-116,77	-0,05933
1395	Shell-Thin	SLU-ENVE	Max	0	0	0	-68,0742	-	6,528	-116,77	179,35
								21,7417			
1395	Shell-Thin	SLU-ENVE	Min	0	0	0	-82,8287	-3,9975	1,879	-166,58	70,13
1395	Shell-Thin	SLU-ENVE	Min	0	0	0	-45,5507	-7,329	2,0911	-166,58	-3,82
1395	Shell-Thin	SLU-ENVE	Min	0	0	0	-39,3485	-7,2018	2,5555	-287,56	-3,82
1395	Shell-Thin	SLU-ENVE	Min	0	0	0	-101,5824	-	2,3433	-287,56	70,13
								40,0665			
1395	Shell-Thin	SLE-ENVE	Max	0	0	0	-38,6336	2,0477	2,8577	-39,31	101,5
1395	Shell-Thin	SLE-ENVE	Max	0	0	0	-28,9348	-2,6915	3,0883	-39,31	0,02107
1395	Shell-Thin	SLE-ENVE	Max	0	0	0	-22,466	-2,8976	3,8088	-70,43	0,02107
1395	Shell-Thin	SLE-ENVE	Max	0	0	0	-43,4046	-	3,6081	-70,43	101,5
								13,7029			
1395	Shell-Thin	SLE-ENVE	Min	0	0	0	-51,0948	-2,731	0,9943	-91,65	43,54

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
1395	Shell-Thin	SLE-ENVE	Min	0	0	0	-32,2552	-4,94	1,0811	-91,65	-2
1395	Shell-Thin	SLE-ENVE	Min	0	0	0	-27,5108	-4,8673	1,3402	-160,18	-2
1395	Shell-Thin	SLE-ENVE	Min	0	0	0	-61,7563	-	1,2535	-160,18	43,54
								23,5285			
1396	Shell-Thin	SLU-ENVE	Max	0	0	0	-68,0605	-	11,7145	-117,34	-77,93
								21,6734			
1396	Shell-Thin	SLU-ENVE	Max	0	0	0	-31,0793	-3,4771	15,305	-117,34	-9,32
1396	Shell-Thin	SLU-ENVE	Max	0	0	0	-37,3895	-4,1035	17,3162	-61,11	-9,32
1396	Shell-Thin	SLU-ENVE	Max	0	0	0	-55,5888	1,9702	13,7256	-61,11	-77,93
1396	Shell-Thin	SLU-ENVE	Min	0	0	0	-101,5221	-39,765	4,3185	-289,84	-181,3
1396	Shell-Thin	SLU-ENVE	Min	0	0	0	-39,3579	-7,2484	5,8011	-289,84	-15,16
1396	Shell-Thin	SLU-ENVE	Min	0	0	0	-40,9431	-6,4007	6,4322	-137,51	-15,16
1396	Shell-Thin	SLU-ENVE	Min	0	0	0	-69,7542	-3,6741	4,9496	-137,51	-181,3
1396	Shell-Thin	SLE-ENVE	Max	0	0	0	-43,3964	-	6,5302	-70,79	-47,89
								13,6619			
1396	Shell-Thin	SLE-ENVE	Max	0	0	0	-22,4838	-2,9866	8,539	-70,79	-5,52
1396	Shell-Thin	SLE-ENVE	Max	0	0	0	-26,0823	-3,3154	9,6615	-36,13	-5,52
1396	Shell-Thin	SLE-ENVE	Max	0	0	0	-35,8332	0,2751	7,6527	-36,13	-47,89
1396	Shell-Thin	SLE-ENVE	Min	0	0	0	-61,7225	-	2,4513	-161,46	-102,58
								23,3598			
1396	Shell-Thin	SLE-ENVE	Min	0	0	0	-27,5207	-4,8953	3,3129	-161,46	-8,75
1396	Shell-Thin	SLE-ENVE	Min	0	0	0	-28,2958	-4,3765	3,6758	-75,45	-8,75
1396	Shell-Thin	SLE-ENVE	Min	0	0	0	-43,8197	-2,5522	2,8143	-75,45	-102,58
1397	Shell-Thin	SLU-ENVE	Max	0	0	0	-55,6424	1,1798	11,5281	-57,59	84,65
1397	Shell-Thin	SLU-ENVE	Max	0	0	0	-37,3189	-3,7502	13,1515	-57,59	5,63
1397	Shell-Thin	SLU-ENVE	Max	0	0	0	-30,2949	-5,4877	12,0514	-92,54	5,63
1397	Shell-Thin	SLU-ENVE	Max	0	0	0	-59,9987	-	10,4279	-92,54	84,65
								15,3557			
1397	Shell-Thin	SLU-ENVE	Min	0	0	0	-69,9123	-3,9424	3,9678	-125,98	43,62
1397	Shell-Thin	SLU-ENVE	Min	0	0	0	-40,9197	-6,2839	4,4759	-125,98	-2,37
1397	Shell-Thin	SLU-ENVE	Min	0	0	0	-36,5389	-7,0963	4,1496	-168,74	-2,37
1397	Shell-Thin	SLU-ENVE	Min	0	0	0	-73,9411	-21,605	3,6415	-168,74	43,62
1397	Shell-Thin	SLE-ENVE	Max	0	0	0	-35,8662	-0,1706	6,3999	-33,98	48,35
1397	Shell-Thin	SLE-ENVE	Max	0	0	0	-26,0425	-3,1161	7,2856	-33,98	3,28
1397	Shell-Thin	SLE-ENVE	Max	0	0	0	-22,2881	-4,5084	6,6586	-55,88	3,28
1397	Shell-Thin	SLE-ENVE	Max	0	0	0	-38,763	-9,8342	5,7729	-55,88	48,35
1397	Shell-Thin	SLE-ENVE	Min	0	0	0	-43,9088	-2,7173	2,1881	-68,96	27,48
1397	Shell-Thin	SLE-ENVE	Min	0	0	0	-28,276	-4,3043	2,4357	-68,96	-0,95
1397	Shell-Thin	SLE-ENVE	Min	0	0	0	-24,5734	-4,8714	2,2145	-93,74	-0,95
1397	Shell-Thin	SLE-ENVE	Min	0	0	0	-46,3476	-	1,9669	-93,74	27,48
								13,1447			
1398	Shell-Thin	SLU-ENVE	Max	0	0	0	-37,5472	-4,4583	7,1534	-81,27	-1,88
1398	Shell-Thin	SLU-ENVE	Max	0	0	0	32,4576	21,0721	6,896	-81,27	3,98
1398	Shell-Thin	SLU-ENVE	Max	0	0	0	35,1918	20,3376	8,9062	-86,67	3,98
1398	Shell-Thin	SLU-ENVE	Max	0	0	0	-40,6753	-2,6045	9,1636	-86,67	-1,88
1398	Shell-Thin	SLU-ENVE	Min	0	0	0	-42,5489	-7,5521	2,8833	-148,05	-6,9
1398	Shell-Thin	SLU-ENVE	Min	0	0	0	-3,6009	5,1629	3,0838	-148,05	1,69
1398	Shell-Thin	SLU-ENVE	Min	0	0	0	-2,0235	4,6396	3,9637	-159,78	1,69
1398	Shell-Thin	SLU-ENVE	Min	0	0	0	-44,0518	-7,1824	3,7632	-159,78	-6,9
1398	Shell-Thin	SLE-ENVE	Max	0	0	0	-26,0902	-3,5339	3,9776	-47,9	-1,05
1398	Shell-Thin	SLE-ENVE	Max	0	0	0	12,7563	10,6548	3,8219	-47,9	2,28
1398	Shell-Thin	SLE-ENVE	Max	0	0	0	14,2998	10,2458	4,9392	-51,28	2,28
1398	Shell-Thin	SLE-ENVE	Max	0	0	0	-27,8821	-2,4977	5,095	-51,28	-1,05

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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
1398	Shell-Thin	SLE-ENVE	Min	0	0	0	-30,823	-5,0708	1,6138	-82,16	-3,83
1398	Shell-Thin	SLE-ENVE	Min	0	0	0	-4,871	2,3058	1,6957	-82,16	1,01
1398	Shell-Thin	SLE-ENVE	Min	0	0	0	-3,9335	2,0119	2,1867	-88,83	1,01
1398	Shell-Thin	SLE-ENVE	Min	0	0	0	-31,5709	-4,8496	2,1047	-88,83	-3,83
1399	Shell-Thin	SLU-ENVE	Max	0	0	0	-40,669	-2,573	9,6237	-86,21	0,0619
1399	Shell-Thin	SLU-ENVE	Max	0	0	0	35,1889	20,3233	11,8437	-86,21	4,15
1399	Shell-Thin	SLU-ENVE	Max	0	0	0	32,1413	18,1763	13,5709	-78,69	4,15
1399	Shell-Thin	SLU-ENVE	Max	0	0	0	-32,948	-3,6985	11,351	-78,69	0,0619
1399	Shell-Thin	SLU-ENVE	Min	0	0	0	-44,047	-7,1743	3,9027	-158,62	-3,24
1399	Shell-Thin	SLU-ENVE	Min	0	0	0	-2,0242	4,6358	5,3448	-158,62	-0,59
1399	Shell-Thin	SLU-ENVE	Min	0	0	0	-2,2484	4,0611	6,1092	-137,09	-0,59
1399	Shell-Thin	SLU-ENVE	Min	0	0	0	-40,063	-7,3447	4,6671	-137,09	-3,24
1399	Shell-Thin	SLE-ENVE	Max	0	0	0	-27,8786	-2,4803	5,3383	-51,02	0,04239
1399	Shell-Thin	SLE-ENVE	Max	0	0	0	14,2982	10,2379	6,5815	-51,02	2,27
1399	Shell-Thin	SLE-ENVE	Max	0	0	0	12,5796	9,0478	7,5418	-46,47	2,27
1399	Shell-Thin	SLE-ENVE	Max	0	0	0	-23,5407	-3,1125	6,2986	-46,47	0,04239
1399	Shell-Thin	SLE-ENVE	Min	0	0	0	-31,568	-4,8451	2,1521	-88,19	-1,79
1399	Shell-Thin	SLE-ENVE	Min	0	0	0	-3,9339	2,0099	2,9805	-88,19	-0,4
1399	Shell-Thin	SLE-ENVE	Min	0	0	0	-4,1205	1,6955	3,4075	-76,08	-0,4
1399	Shell-Thin	SLE-ENVE	Min	0	0	0	-28,1047	-4,956	2,579	-76,08	-1,79
1400	Shell-Thin	SLU-ENVE	Max	0	0	0	-32,9797	-3,8572	14,4737	-77,9	0,95
1400	Shell-Thin	SLU-ENVE	Max	0	0	0	32,1514	18,2267	13,9417	-77,9	20,89
1400	Shell-Thin	SLU-ENVE	Max	0	0	0	32,9195	13,2708	15,2302	-81,97	20,89
1400	Shell-Thin	SLU-ENVE	Max	0	0	0	-36,0101	-3,8276	15,7623	-81,97	0,95
1400	Shell-Thin	SLU-ENVE	Min	0	0	0	-40,0723	-7,3913	5,8239	-135,42	-8,26
1400	Shell-Thin	SLU-ENVE	Min	0	0	0	-2,2457	4,0745	6,47	-135,42	2,21
1400	Shell-Thin	SLU-ENVE	Min	0	0	0	-0,4286	3,1988	7,0321	-143,01	2,21
1400	Shell-Thin	SLU-ENVE	Min	0	0	0	-40,2899	-6,2701	6,3861	-143,01	-8,26
1400	Shell-Thin	SLE-ENVE	Max	0	0	0	-23,5585	-3,2015	8,049	-46,02	0,45
1400	Shell-Thin	SLE-ENVE	Max	0	0	0	12,5853	9,0762	7,7366	-46,02	11,64
1400	Shell-Thin	SLE-ENVE	Max	0	0	0	13,0339	6,3212	8,4515	-48,65	11,64
1400	Shell-Thin	SLE-ENVE	Max	0	0	0	-25,2992	-3,1588	8,7638	-48,65	0,45
1400	Shell-Thin	SLE-ENVE	Min	0	0	0	-28,1145	-4,984	3,2602	-75,15	-4,76
1400	Shell-Thin	SLE-ENVE	Min	0	0	0	-4,1188	1,7039	3,5811	-75,15	1,33
1400	Shell-Thin	SLE-ENVE	Min	0	0	0	-3,0552	1,211	3,8911	-79,53	1,33
1400	Shell-Thin	SLE-ENVE	Min	0	0	0	-27,7579	-4,2957	3,5701	-79,53	-4,76
1401	Shell-Thin	SLU-ENVE	Max	0	0	0	-35,9394	-3,4743	15,399	-81,07	10,16
1401	Shell-Thin	SLU-ENVE	Max	0	0	0	32,9082	13,2142	17,0919	-81,07	15,93
1401	Shell-Thin	SLU-ENVE	Max	0	0	0	30,4572	8,3847	17,7024	-75,19	15,93
1401	Shell-Thin	SLU-ENVE	Max	0	0	0	-30,6734	-5,5634	16,0095	-75,19	10,16
1401	Shell-Thin	SLU-ENVE	Min	0	0	0	-40,2665	-6,1533	6,1592	-140,14	-1,17
1401	Shell-Thin	SLU-ENVE	Min	0	0	0	-0,4345	3,1692	7,96	-140,14	-0,55
1401	Shell-Thin	SLU-ENVE	Min	0	0	0	0,0955	2,4071	8,3121	-125,49	-0,55
1401	Shell-Thin	SLU-ENVE	Min	0	0	0	-36,7954	-7,1668	6,5113	-125,49	-1,17
1401	Shell-Thin	SLE-ENVE	Max	0	0	0	-25,2594	-2,9595	8,5447	-48,14	5,74
1401	Shell-Thin	SLE-ENVE	Max	0	0	0	13,0275	6,2892	9,4942	-48,14	8,82
1401	Shell-Thin	SLE-ENVE	Max	0	0	0	11,6514	3,6099	9,8313	-44,63	8,82
1401	Shell-Thin	SLE-ENVE	Max	0	0	0	-22,5224	-4,5539	8,8818	-44,63	5,74
1401	Shell-Thin	SLE-ENVE	Min	0	0	0	-27,738	-4,2235	3,4011	-77,92	-0,43
1401	Shell-Thin	SLE-ENVE	Min	0	0	0	-3,0588	1,1929	4,4275	-77,92	-0,38
1401	Shell-Thin	SLE-ENVE	Min	0	0	0	-2,7998	0,7753	4,6179	-69,7	-0,38
1401	Shell-Thin	SLE-ENVE	Min	0	0	0	-24,7332	-4,9134	3,5915	-69,7	-0,43

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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
1402	Shell-Thin	SLU-ENVE	Max	0	0	0	33,7719	21,335	7,7914	-75,58	6,32
1402	Shell-Thin	SLU-ENVE	Max	0	0	0	89,6249	40,4853	7,6127	-75,58	8,79
1402	Shell-Thin	SLU-ENVE	Max	0	0	0	88,2197	39,0282	9,5097	-74,83	8,79
1402	Shell-Thin	SLU-ENVE	Max	0	0	0	33,922	20,0836	9,6884	-74,83	6,32
1402	Shell-Thin	SLU-ENVE	Min	0	0	0	-3,0969	5,2637	3,753	-140,05	2
1402	Shell-Thin	SLU-ENVE	Min	0	0	0	32,5293	17,7194	4,2076	-140,05	3,36
1402	Shell-Thin	SLU-ENVE	Min	0	0	0	32,7078	16,6517	5,2906	-137,03	3,36
1402	Shell-Thin	SLU-ENVE	Min	0	0	0	-2,5433	4,5356	4,8359	-137,03	2
1402	Shell-Thin	SLE-ENVE	Max	0	0	0	13,4991	10,8033	4,3251	-43,71	3,57
1402	Shell-Thin	SLE-ENVE	Max	0	0	0	42,7732	21,429	4,2262	-43,71	4,87
1402	Shell-Thin	SLE-ENVE	Max	0	0	0	41,9939	20,2779	5,2794	-43,29	4,87
1402	Shell-Thin	SLE-ENVE	Max	0	0	0	13,5822	10,1023	5,3782	-43,29	3,57
1402	Shell-Thin	SLE-ENVE	Min	0	0	0	-4,56	2,368	2,0821	-77,42	1,17
1402	Shell-Thin	SLE-ENVE	Min	0	0	0	16,0922	9,4461	2,3356	-77,42	1,85
1402	Shell-Thin	SLE-ENVE	Min	0	0	0	16,1916	8,8578	2,9365	-75,75	1,85
1402	Shell-Thin	SLE-ENVE	Min	0	0	0	-4,2525	1,9481	2,683	-75,75	1,17
1403	Shell-Thin	SLU-ENVE	Max	0	0	0	33,9192	20,0693	11,4937	-74,24	7,39
1403	Shell-Thin	SLU-ENVE	Max	0	0	0	88,2204	39,0317	11,3083	-74,24	18,43
1403	Shell-Thin	SLU-ENVE	Max	0	0	0	85,7414	34,7482	12,8648	-73,22	18,43
1403	Shell-Thin	SLU-ENVE	Max	0	0	0	33,4218	18,4324	13,1532	-73,22	7,39
1403	Shell-Thin	SLU-ENVE	Min	0	0	0	-2,5441	4,5319	5,8045	-136,31	0,31
1403	Shell-Thin	SLU-ENVE	Min	0	0	0	32,7075	16,6505	6,4023	-136,31	5,35
1403	Shell-Thin	SLU-ENVE	Min	0	0	0	32,9673	15,0148	7,3376	-130,42	5,35
1403	Shell-Thin	SLU-ENVE	Min	0	0	0	-1,7714	4,1565	6,7398	-130,42	0,31
1403	Shell-Thin	SLE-ENVE	Max	0	0	0	13,5806	10,0944	6,3815	-42,97	4,03
1403	Shell-Thin	SLE-ENVE	Max	0	0	0	41,9943	20,2799	6,2781	-42,97	10,23
1403	Shell-Thin	SLE-ENVE	Max	0	0	0	40,6194	17,9026	7,1423	-42,4	10,23
1403	Shell-Thin	SLE-ENVE	Max	0	0	0	13,3037	9,1926	7,3002	-42,4	4,03
1403	Shell-Thin	SLE-ENVE	Min	0	0	0	-4,2529	1,9461	3,2229	-75,35	0,1
1403	Shell-Thin	SLE-ENVE	Min	0	0	0	16,1915	8,8571	3,5537	-75,35	2,98
1403	Shell-Thin	SLE-ENVE	Min	0	0	0	16,3366	7,9476	4,0727	-72,08	2,98
1403	Shell-Thin	SLE-ENVE	Min	0	0	0	-3,8245	1,7547	3,742	-72,08	0,1
1404	Shell-Thin	SLU-ENVE	Max	0	0	0	33,4319	18,4828	14,8277	-72,42	21,66
1404	Shell-Thin	SLU-ENVE	Max	0	0	0	85,7413	34,748	14,5675	-72,42	29,43
1404	Shell-Thin	SLU-ENVE	Max	0	0	0	82,2335	28,0189	15,9675	-71,24	29,43
1404	Shell-Thin	SLU-ENVE	Max	0	0	0	31,9771	13,0823	16,2277	-71,24	21,66
1404	Shell-Thin	SLU-ENVE	Min	0	0	0	-1,7687	4,1699	7,4807	-128,22	2,72
1404	Shell-Thin	SLU-ENVE	Min	0	0	0	32,9661	15,0088	8,2377	-128,22	6,02
1404	Shell-Thin	SLU-ENVE	Min	0	0	0	33,2872	13,1241	8,9746	-119,59	6,02
1404	Shell-Thin	SLU-ENVE	Min	0	0	0	-0,8613	3,1122	8,2175	-119,59	2,72
1404	Shell-Thin	SLE-ENVE	Max	0	0	0	13,3094	9,221	8,2275	-41,95	12,06
1404	Shell-Thin	SLE-ENVE	Max	0	0	0	40,6193	17,9023	8,0837	-41,95	16,31
1404	Shell-Thin	SLE-ENVE	Max	0	0	0	38,7601	14,5526	8,8611	-41,31	16,31
1404	Shell-Thin	SLE-ENVE	Max	0	0	0	12,4995	6,2144	9,0049	-41,31	12,06
1404	Shell-Thin	SLE-ENVE	Min	0	0	0	-3,8228	1,7631	4,1508	-70,86	1,58
1404	Shell-Thin	SLE-ENVE	Min	0	0	0	16,3359	7,944	4,5718	-70,86	3,33
1404	Shell-Thin	SLE-ENVE	Min	0	0	0	16,5164	6,9023	4,9808	-66,08	3,33
1404	Shell-Thin	SLE-ENVE	Min	0	0	0	-3,3223	1,1576	4,5597	-66,08	1,58
1405	Shell-Thin	SLU-ENVE	Max	0	0	0	31,9658	13,0257	17,3125	-70,44	18,59
1405	Shell-Thin	SLU-ENVE	Max	0	0	0	82,2364	28,005	16,9972	-70,44	31,56
1405	Shell-Thin	SLU-ENVE	Max	0	0	0	78,3751	21,6904	17,6516	-68,77	31,56
1405	Shell-Thin	SLU-ENVE	Max	0	0	0	30,6548	8,4243	17,9668	-68,77	18,59

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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
1405	Shell-Thin	SLU-ENVE	Min	0	0	0	-0,8672	3,0827	8,8431	-116,63	0,94
1405	Shell-Thin	SLU-ENVE	Min	0	0	0	33,2877	13,1268	9,6605	-116,63	6,86
1405	Shell-Thin	SLU-ENVE	Min	0	0	0	33,574	11,0038	10,1932	-106,86	6,86
1405	Shell-Thin	SLU-ENVE	Min	0	0	0	0,2549	2,4389	9,3758	-106,86	0,94
1405	Shell-Thin	SLE-ENVE	Max	0	0	0	12,4931	6,1823	9,6095	-40,87	10,3
1405	Shell-Thin	SLE-ENVE	Max	0	0	0	38,7586	14,545	9,4348	-40,87	17,5
1405	Shell-Thin	SLE-ENVE	Max	0	0	0	38,1506	11,041	9,8001	-39,94	17,5
1405	Shell-Thin	SLE-ENVE	Max	0	0	0	11,7659	3,6328	9,9748	-39,94	10,3
1405	Shell-Thin	SLE-ENVE	Min	0	0	0	-3,3259	1,1395	4,909	-64,45	0,47
1405	Shell-Thin	SLE-ENVE	Min	0	0	0	16,5168	6,9041	5,3631	-64,45	3,8
1405	Shell-Thin	SLE-ENVE	Min	0	0	0	16,6762	5,7266	5,6602	-59,03	3,8
1405	Shell-Thin	SLE-ENVE	Min	0	0	0	-2,6999	0,7953	5,2061	-59,03	0,47
1406	Shell-Thin	SLU-ENVE	Max	0	0	0	89,4888	40,4581	6,956	-70,85	10,22
1406	Shell-Thin	SLU-ENVE	Max	0	0	0	137,6193	60,0718	6,2026	-70,85	13,72
1406	Shell-Thin	SLU-ENVE	Max	0	0	0	135,506	57,1082	8,0904	-69,59	13,72
1406	Shell-Thin	SLU-ENVE	Max	0	0	0	88,0849	39,0012	8,9223	-69,59	10,22
1406	Shell-Thin	SLU-ENVE	Min	0	0	0	32,5	17,7136	4,4577	-106,78	3,92
1406	Shell-Thin	SLU-ENVE	Min	0	0	0	65,4362	30,6109	4,6194	-106,78	7,15
1406	Shell-Thin	SLU-ENVE	Min	0	0	0	65,0234	28,7418	5,8629	-104,93	7,15
1406	Shell-Thin	SLU-ENVE	Min	0	0	0	32,7151	16,6532	5,7011	-104,93	3,92
1406	Shell-Thin	SLE-ENVE	Max	0	0	0	42,6971	21,4205	3,8617	-39,86	5,67
1406	Shell-Thin	SLE-ENVE	Max	0	0	0	69,0274	32,4181	3,4439	-39,86	7,61
1406	Shell-Thin	SLE-ENVE	Max	0	0	0	67,8551	30,7744	4,492	-39,16	7,61
1406	Shell-Thin	SLE-ENVE	Max	0	0	0	41,9199	20,2631	4,9536	-39,16	5,67
1406	Shell-Thin	SLE-ENVE	Min	0	0	0	16,0753	9,4427	2,4747	-60,02	2,16
1406	Shell-Thin	SLE-ENVE	Min	0	0	0	34,6238	16,6564	2,5647	-60,02	3,97
1406	Shell-Thin	SLE-ENVE	Min	0	0	0	34,3946	15,6201	3,2549	-58,99	3,97
1406	Shell-Thin	SLE-ENVE	Min	0	0	0	16,1966	8,8588	3,1648	-58,99	2,16
1407	Shell-Thin	SLU-ENVE	Max	0	0	0	88,0856	39,0047	10,8413	-68,89	21,27
1407	Shell-Thin	SLU-ENVE	Max	0	0	0	135,5052	57,112	9,8929	-68,89	26,83
1407	Shell-Thin	SLU-ENVE	Max	0	0	0	131,0837	50,9348	11,6046	-67,56	26,83
1407	Shell-Thin	SLU-ENVE	Max	0	0	0	85,5805	34,716	12,6057	-67,56	21,27
1407	Shell-Thin	SLU-ENVE	Min	0	0	0	32,7149	16,6519	6,8041	-104,12	5,98
1407	Shell-Thin	SLU-ENVE	Min	0	0	0	65,0237	28,7433	7,0936	-104,12	10,56
1407	Shell-Thin	SLU-ENVE	Min	0	0	0	64,5967	25,958	8,161	-99,93	10,56
1407	Shell-Thin	SLU-ENVE	Min	0	0	0	32,9517	15,0117	7,8715	-99,93	5,98
1407	Shell-Thin	SLE-ENVE	Max	0	0	0	41,9202	20,2691	6,019	-38,77	11,8
1407	Shell-Thin	SLE-ENVE	Max	0	0	0	67,8547	30,7765	5,4927	-38,77	14,87
1407	Shell-Thin	SLE-ENVE	Max	0	0	0	65,4024	27,3492	6,4436	-38,03	14,87
1407	Shell-Thin	SLE-ENVE	Max	0	0	0	40,5294	17,8846	6,9989	-38,03	11,8
1407	Shell-Thin	SLE-ENVE	Min	0	0	0	16,1965	8,8581	3,7768	-58,54	3,33
1407	Shell-Thin	SLE-ENVE	Min	0	0	0	34,3948	15,6209	3,9379	-58,54	5,85
1407	Shell-Thin	SLE-ENVE	Min	0	0	0	34,1595	14,0777	4,5305	-56,22	5,85
1407	Shell-Thin	SLE-ENVE	Min	0	0	0	16,3274	7,9457	4,3693	-56,22	3,33
1408	Shell-Thin	SLU-ENVE	Max	0	0	0	85,5805	34,7158	14,2037	-66,54	34,39
1408	Shell-Thin	SLU-ENVE	Max	0	0	0	131,088	50,9407	13,2148	-66,54	48,6
1408	Shell-Thin	SLU-ENVE	Max	0	0	0	124,189	41,2016	14,521	-64,92	48,6
1408	Shell-Thin	SLU-ENVE	Max	0	0	0	82,1968	28,0153	15,5099	-64,92	34,39
1408	Shell-Thin	SLU-ENVE	Min	0	0	0	32,9505	15,0057	8,7794	-98,11	6,77
1408	Shell-Thin	SLU-ENVE	Min	0	0	0	64,596	25,9542	9,1622	-98,11	13,22
1408	Shell-Thin	SLU-ENVE	Min	0	0	0	64,1132	22,4579	9,9734	-90,47	13,22
1408	Shell-Thin	SLU-ENVE	Min	0	0	0	33,2759	13,1218	9,5907	-90,47	6,77

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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
1408	Shell-Thin	SLE-ENVE	Max	0	0	0	40,5294	17,8843	7,8865	-37,47	19,06
1408	Shell-Thin	SLE-ENVE	Max	0	0	0	65,4048	27,3525	7,3383	-37,47	26,95
1408	Shell-Thin	SLE-ENVE	Max	0	0	0	62,7798	21,9476	8,0641	-36,57	26,95
1408	Shell-Thin	SLE-ENVE	Max	0	0	0	38,75	14,5505	8,6123	-36,57	19,06
1408	Shell-Thin	SLE-ENVE	Min	0	0	0	16,3267	7,9422	4,8735	-55,21	3,74
1408	Shell-Thin	SLE-ENVE	Min	0	0	0	34,159	14,0757	5,0869	-55,21	7,33
1408	Shell-Thin	SLE-ENVE	Min	0	0	0	33,8916	12,1377	5,5377	-50,96	7,33
1408	Shell-Thin	SLE-ENVE	Min	0	0	0	16,5103	6,901	5,3243	-50,96	3,74
1409	Shell-Thin	SLU-ENVE	Max	0	0	0	82,1997	28,0014	16,5945	-63,68	37,04
1409	Shell-Thin	SLU-ENVE	Max	0	0	0	124,1963	41,2032	15,3819	-63,68	51,54
1409	Shell-Thin	SLU-ENVE	Max	0	0	0	116,7329	30,8703	16,0212	-61,94	51,54
1409	Shell-Thin	SLU-ENVE	Max	0	0	0	78,435	21,6806	17,2338	-61,94	37,04
1409	Shell-Thin	SLU-ENVE	Min	0	0	0	33,2764	13,1246	10,2621	-87,81	7,79
1409	Shell-Thin	SLU-ENVE	Min	0	0	0	64,1117	22,4506	10,6191	-87,81	14,43
1409	Shell-Thin	SLU-ENVE	Min	0	0	0	63,5139	18,6655	11,1225	-79,84	14,43
1409	Shell-Thin	SLU-ENVE	Min	0	0	0	33,5488	10,9988	10,7655	-79,84	7,79
1409	Shell-Thin	SLE-ENVE	Max	0	0	0	38,7485	14,543	9,2151	-35,88	20,54
1409	Shell-Thin	SLE-ENVE	Max	0	0	0	62,78	21,9484	8,5427	-35,88	28,57
1409	Shell-Thin	SLE-ENVE	Max	0	0	0	59,9432	16,2159	8,8985	-34,92	28,57
1409	Shell-Thin	SLE-ENVE	Max	0	0	0	38,1235	11,0356	9,5709	-34,92	20,54
1409	Shell-Thin	SLE-ENVE	Min	0	0	0	16,5107	6,9029	5,6976	-49,49	4,32
1409	Shell-Thin	SLE-ENVE	Min	0	0	0	33,8908	12,1335	5,8962	-49,49	7,99
1409	Shell-Thin	SLE-ENVE	Min	0	0	0	33,561	10,0374	6,1762	-45,06	7,99
1409	Shell-Thin	SLE-ENVE	Min	0	0	0	16,6619	5,7238	5,9777	-45,06	4,32
1410	Shell-Thin	SLU-ENVE	Max	0	0	0	137,5929	60,0482	5,5834	-26,67	15,03
1410	Shell-Thin	SLU-ENVE	Max	0	0	0	165,7569	73,6754	4,4509	-26,67	15,34
1410	Shell-Thin	SLU-ENVE	Max	0	0	0	162,8666	70,6318	6,0195	-26,68	15,34
1410	Shell-Thin	SLU-ENVE	Max	0	0	0	135,4949	57,0803	7,1521	-26,68	15,03
1410	Shell-Thin	SLU-ENVE	Min	0	0	0	65,4042	30,6045	3,9584	-81,64	8,33
1410	Shell-Thin	SLU-ENVE	Min	0	0	0	98,5077	43,5708	2,6278	-81,64	9,45
1410	Shell-Thin	SLU-ENVE	Min	0	0	0	97,0481	41,4257	3,2935	-79,73	9,45
1410	Shell-Thin	SLU-ENVE	Min	0	0	0	65,0144	28,74	4,6241	-79,73	8,33
1410	Shell-Thin	SLE-ENVE	Max	0	0	0	69,0125	32,405	3,0999	-14,33	8,34
1410	Shell-Thin	SLE-ENVE	Max	0	0	0	87,8667	40,0782	2,4711	-14,33	8,5
1410	Shell-Thin	SLE-ENVE	Max	0	0	0	86,2626	38,391	3,3423	-14,33	8,5
1410	Shell-Thin	SLE-ENVE	Max	0	0	0	67,8491	30,7589	3,971	-14,33	8,34
1410	Shell-Thin	SLE-ENVE	Min	0	0	0	34,6058	16,6528	2,1957	-45	4,62
1410	Shell-Thin	SLE-ENVE	Min	0	0	0	52,6317	23,781	1,4575	-45	5,24
1410	Shell-Thin	SLE-ENVE	Min	0	0	0	51,822	22,5925	1,8268	-43,94	5,24
1410	Shell-Thin	SLE-ENVE	Min	0	0	0	34,3898	15,6191	2,565	-43,94	4,62
1411	Shell-Thin	SLU-ENVE	Max	0	0	0	135,4941	57,0842	8,9635	-25,95	29,68
1411	Shell-Thin	SLU-ENVE	Max	0	0	0	162,8668	70,6326	7,2782	-25,95	35,12
1411	Shell-Thin	SLU-ENVE	Max	0	0	0	157,5054	63,0928	8,7047	-27,85	35,12
1411	Shell-Thin	SLU-ENVE	Max	0	0	0	131,0583	50,9044	10,3901	-27,85	29,68
1411	Shell-Thin	SLU-ENVE	Min	0	0	0	65,0147	28,7415	5,6764	-79,16	11,89
1411	Shell-Thin	SLU-ENVE	Min	0	0	0	97,0494	41,4319	3,372	-79,16	17,92
1411	Shell-Thin	SLU-ENVE	Min	0	0	0	95,1488	37,1405	3,8544	-75,41	17,92
1411	Shell-Thin	SLU-ENVE	Min	0	0	0	64,5968	25,958	6,1588	-75,41	11,89
1411	Shell-Thin	SLE-ENVE	Max	0	0	0	67,8486	30,761	4,977	-13,93	16,47
1411	Shell-Thin	SLE-ENVE	Max	0	0	0	86,2627	38,3915	4,0413	-13,93	19,49
1411	Shell-Thin	SLE-ENVE	Max	0	0	0	83,2863	34,2081	4,8337	-14,99	19,49
1411	Shell-Thin	SLE-ENVE	Max	0	0	0	65,3881	27,3323	5,7694	-14,99	16,47

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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
1411	Shell-Thin	SLE-ENVE	Min	0	0	0	34,3899	15,6199	3,1491	-43,62	6,59
1411	Shell-Thin	SLE-ENVE	Min	0	0	0	51,8227	22,596	1,8703	-43,62	9,94
1411	Shell-Thin	SLE-ENVE	Min	0	0	0	50,7682	20,2163	2,1381	-41,54	9,94
1411	Shell-Thin	SLE-ENVE	Min	0	0	0	34,1593	14,0777	3,4169	-41,54	6,59
1412	Shell-Thin	SLU-ENVE	Max	0	0	0	131,0626	50,9104	11,9036	-27,72	49,33
1412	Shell-Thin	SLU-ENVE	Max	0	0	0	157,5087	63,1092	9,739	-27,72	58,87
1412	Shell-Thin	SLU-ENVE	Max	0	0	0	149,6915	50,0108	10,7567	-31,85	58,87
1412	Shell-Thin	SLU-ENVE	Max	0	0	0	124,18	41,1962	12,9213	-31,85	49,33
1412	Shell-Thin	SLU-ENVE	Min	0	0	0	64,596	25,9542	7,0088	-73,78	14,61
1412	Shell-Thin	SLU-ENVE	Min	0	0	0	95,148	37,1363	3,8502	-73,78	24,83
1412	Shell-Thin	SLU-ENVE	Min	0	0	0	92,9973	31,0838	4,301	-68,26	24,83
1412	Shell-Thin	SLU-ENVE	Min	0	0	0	64,0974	22,4548	7,4597	-68,26	14,61
1412	Shell-Thin	SLE-ENVE	Max	0	0	0	65,3905	27,3356	6,6101	-14,91	27,35
1412	Shell-Thin	SLE-ENVE	Max	0	0	0	83,2881	34,2172	5,4081	-14,91	32,68
1412	Shell-Thin	SLE-ENVE	Max	0	0	0	78,9478	26,9478	5,9736	-17,21	32,68
1412	Shell-Thin	SLE-ENVE	Max	0	0	0	62,7648	21,9446	7,1756	-17,21	27,35
1412	Shell-Thin	SLE-ENVE	Min	0	0	0	34,1588	14,0756	3,8892	-40,63	8,1
1412	Shell-Thin	SLE-ENVE	Min	0	0	0	50,7677	20,214	2,1358	-40,63	13,77
1412	Shell-Thin	SLE-ENVE	Min	0	0	0	49,5747	16,8578	2,3866	-37,57	13,77
1412	Shell-Thin	SLE-ENVE	Min	0	0	0	33,8831	12,136	4,14	-37,57	8,1
1413	Shell-Thin	SLU-ENVE	Max	0	0	0	124,1874	41,1978	13,8172	-32,2	52,42
1413	Shell-Thin	SLU-ENVE	Max	0	0	0	149,6976	50,0415	11,3298	-32,2	62,82
1413	Shell-Thin	SLU-ENVE	Max	0	0	0	141,105	36,1634	11,7717	-36,37	62,82
1413	Shell-Thin	SLU-ENVE	Max	0	0	0	116,7232	30,8843	14,2591	-36,37	52,42
1413	Shell-Thin	SLU-ENVE	Min	0	0	0	64,096	22,4474	8,1448	-65,96	16,04
1413	Shell-Thin	SLU-ENVE	Min	0	0	0	92,9942	31,0683	4,6128	-65,96	26,84
1413	Shell-Thin	SLU-ENVE	Min	0	0	0	90,5108	24,5761	5,1546	-59,9	26,84
1413	Shell-Thin	SLU-ENVE	Min	0	0	0	63,473	18,6573	8,6866	-59,9	16,04
1413	Shell-Thin	SLE-ENVE	Max	0	0	0	62,765	21,9454	7,6736	-17,41	29,06
1413	Shell-Thin	SLE-ENVE	Max	0	0	0	78,9512	26,9648	6,2921	-17,41	34,86
1413	Shell-Thin	SLE-ENVE	Max	0	0	0	74,1804	19,2647	6,5382	-19,72	34,86
1413	Shell-Thin	SLE-ENVE	Max	0	0	0	59,9823	16,2237	7,9196	-19,72	29,06
1413	Shell-Thin	SLE-ENVE	Min	0	0	0	33,8822	12,1318	4,5214	-36,29	8,88
1413	Shell-Thin	SLE-ENVE	Min	0	0	0	49,573	16,8493	2,5605	-36,29	14,88
1413	Shell-Thin	SLE-ENVE	Min	0	0	0	48,1951	13,2508	2,8626	-32,92	14,88
1413	Shell-Thin	SLE-ENVE	Min	0	0	0	33,5382	10,0329	4,8235	-32,92	8,88
1418	Shell-Thin	SLU-ENVE	Max	0	0	0	168,4617	75,5514	1,1884	43,11	16,97
1418	Shell-Thin	SLU-ENVE	Max	0	0	0	165,6696	73,6585	-0,3164	43,11	16,2
1418	Shell-Thin	SLU-ENVE	Max	0	0	0	162,7284	70,6492	-0,2088	41,73	16,2
1418	Shell-Thin	SLU-ENVE	Max	0	0	0	165,3015	72,3506	1,296	41,73	16,97
1418	Shell-Thin	SLU-ENVE	Min	0	0	0	130,9074	55,1068	-1,4776	-4,84	10,8
1418	Shell-Thin	SLU-ENVE	Min	0	0	0	132,873	56,0782	-3,3154	-4,84	11,36
1418	Shell-Thin	SLU-ENVE	Min	0	0	0	130,6217	53,9909	-4,0971	-4,47	11,36
1418	Shell-Thin	SLU-ENVE	Min	0	0	0	128,7403	53,1597	-2,2592	-4,47	10,8
1418	Shell-Thin	SLE-ENVE	Max	0	0	0	90,0596	41,2584	0,6599	22,8	9,39
1418	Shell-Thin	SLE-ENVE	Max	0	0	0	87,8183	40,0688	-0,1755	22,8	8,98
1418	Shell-Thin	SLE-ENVE	Max	0	0	0	86,1858	38,4006	-0,1158	22,03	8,98
1418	Shell-Thin	SLE-ENVE	Max	0	0	0	88,3055	39,4842	0,7196	22,03	9,39
1418	Shell-Thin	SLE-ENVE	Min	0	0	0	69,7498	30,0123	-0,8203	-2,85	5,98
1418	Shell-Thin	SLE-ENVE	Min	0	0	0	70,033	30,39	-1,8408	-2,85	6,3
1418	Shell-Thin	SLE-ENVE	Min	0	0	0	68,7836	29,2335	-2,2748	-2,64	6,3
1418	Shell-Thin	SLE-ENVE	Min	0	0	0	68,5471	28,9339	-1,2543	-2,64	5,98

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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
1419	Shell-Thin	SLU-ENVE	Max	0	0	0	165,3026	72,3562	1,9856	41,48	37,59
1419	Shell-Thin	SLU-ENVE	Max	0	0	0	162,7286	70,6501	-0,7111	41,48	36,57
1419	Shell-Thin	SLU-ENVE	Max	0	0	0	157,3694	63,0854	-0,6362	39,24	36,57
1419	Shell-Thin	SLU-ENVE	Max	0	0	0	160,0123	64,5212	2,0605	39,24	37,59
1419	Shell-Thin	SLU-ENVE	Min	0	0	0	128,7399	53,158	-2,6029	-4,85	26,89
1419	Shell-Thin	SLU-ENVE	Min	0	0	0	130,6214	53,9896	-5,3061	-4,85	27,74
1419	Shell-Thin	SLU-ENVE	Min	0	0	0	126,2389	48,4023	-6,0269	-3,86	27,74
1419	Shell-Thin	SLU-ENVE	Min	0	0	0	124,4579	47,7829	-3,3237	-3,86	26,89
1419	Shell-Thin	SLE-ENVE	Max	0	0	0	88,306	39,4873	1,1025	21,89	20,86
1419	Shell-Thin	SLE-ENVE	Max	0	0	0	86,1859	38,4012	-0,3949	21,89	20,29
1419	Shell-Thin	SLE-ENVE	Max	0	0	0	83,2107	34,204	-0,3535	20,65	20,29
1419	Shell-Thin	SLE-ENVE	Max	0	0	0	85,3689	35,1404	1,144	20,65	20,86
1419	Shell-Thin	SLE-ENVE	Min	0	0	0	68,5469	28,933	-1,4451	-2,86	14,92
1419	Shell-Thin	SLE-ENVE	Min	0	0	0	68,7835	29,2328	-2,9463	-2,86	15,39
1419	Shell-Thin	SLE-ENVE	Min	0	0	0	66,3506	26,1332	-3,3466	-1,57	15,39
1419	Shell-Thin	SLE-ENVE	Min	0	0	0	66,1697	25,9517	-1,8454	-1,57	14,92
1420	Shell-Thin	SLU-ENVE	Max	0	0	0	160,0144	64,5318	2,6313	38,33	60,52
1420	Shell-Thin	SLU-ENVE	Max	0	0	0	157,3727	63,1023	-1,0991	38,33	60,53
1420	Shell-Thin	SLU-ENVE	Max	0	0	0	149,6611	50,0145	-1,0691	35,29	60,53
1420	Shell-Thin	SLU-ENVE	Max	0	0	0	152,6762	51,4551	2,6613	35,29	60,52
1420	Shell-Thin	SLU-ENVE	Min	0	0	0	124,4614	47,8003	-3,6143	-3,68	36,12
1420	Shell-Thin	SLU-ENVE	Min	0	0	0	126,2423	48,4195	-7,0106	-3,68	42
1420	Shell-Thin	SLU-ENVE	Min	0	0	0	119,7021	38,2436	-7,5016	-3,46	42
1420	Shell-Thin	SLU-ENVE	Min	0	0	0	118,0304	37,885	-4,1053	-3,46	36,12
1420	Shell-Thin	SLE-ENVE	Max	0	0	0	85,3701	35,1463	1,4609	20,14	33,59
1420	Shell-Thin	SLE-ENVE	Max	0	0	0	83,2125	34,2133	-0,6108	20,14	33,6
1420	Shell-Thin	SLE-ENVE	Max	0	0	0	78,9309	26,9499	-0,5944	18,45	33,6
1420	Shell-Thin	SLE-ENVE	Max	0	0	0	81,2957	27,8895	1,4773	18,45	33,59
1420	Shell-Thin	SLE-ENVE	Min	0	0	0	66,1716	25,9614	-2,0067	-1,4	20
1420	Shell-Thin	SLE-ENVE	Min	0	0	0	66,3525	26,1427	-3,893	-1,4	23,27
1420	Shell-Thin	SLE-ENVE	Min	0	0	0	62,7214	20,4957	-4,1657	-0,31	23,27
1420	Shell-Thin	SLE-ENVE	Min	0	0	0	62,6009	20,4596	-2,2794	-0,31	20
1421	Shell-Thin	SLU-ENVE	Max	0	0	0	152,6792	51,4666	2,8691	33,97	64,74
1421	Shell-Thin	SLU-ENVE	Max	0	0	0	149,6662	50,0398	-1,2671	33,97	64,67
1421	Shell-Thin	SLU-ENVE	Max	0	0	0	141,1881	36,1743	-1,2874	30,65	64,67
1421	Shell-Thin	SLU-ENVE	Max	0	0	0	144,6206	37,6018	2,8489	30,65	64,74
1421	Shell-Thin	SLU-ENVE	Min	0	0	0	118,0368	37,917	-4,2022	-3,26	39,27
1421	Shell-Thin	SLU-ENVE	Min	0	0	0	119,7084	38,275	-8,0616	-3,26	45,21
1421	Shell-Thin	SLU-ENVE	Min	0	0	0	112,5596	27,5228	-8,2235	-3,02	45,21
1421	Shell-Thin	SLU-ENVE	Min	0	0	0	111,0109	27,4309	-4,3641	-3,02	39,27
1421	Shell-Thin	SLE-ENVE	Max	0	0	0	81,2973	27,8959	1,5925	17,72	35,92
1421	Shell-Thin	SLE-ENVE	Max	0	0	0	78,9337	26,9639	-0,7048	17,72	35,88
1421	Shell-Thin	SLE-ENVE	Max	0	0	0	74,2265	19,2709	-0,7165	15,88	35,88
1421	Shell-Thin	SLE-ENVE	Max	0	0	0	76,8229	20,204	1,5809	15,88	35,92
1421	Shell-Thin	SLE-ENVE	Min	0	0	0	62,6044	20,4774	-2,3331	-0,19	21,73
1421	Shell-Thin	SLE-ENVE	Min	0	0	0	62,7249	20,5132	-4,477	-0,19	25,04
1421	Shell-Thin	SLE-ENVE	Min	0	0	0	58,756	14,548	-4,567	-	25,04
1421	Shell-Thin	SLE-ENVE	Min	0	0	0	58,7032	14,6608	-2,4231	0,05899	21,73
1426	Shell-Thin	SLU-ENVE	Max	0	0	0	137,322	60,057	-3,7018	106,31	13,48
1426	Shell-Thin	SLU-ENVE	Max	0	0	0	89,4919	40,5153	-4,7116	106,31	10,88

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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
1426	Shell-Thin	SLU-ENVE	Max	0	0	0	88,1277	38,942	-5,8398	104,42	10,88
1426	Shell-Thin	SLU-ENVE	Max	0	0	0	135,1968	57,1561	-4,83	104,42	13,48
1426	Shell-Thin	SLU-ENVE	Min	0	0	0	104,4717	46,4039	-6,2199	64,52	10,3
1426	Shell-Thin	SLU-ENVE	Min	0	0	0	64,6686	34,0704	-6,9847	64,52	8,61
1426	Shell-Thin	SLU-ENVE	Min	0	0	0	64,0051	32,0893	-8,9635	63,6	8,61
1426	Shell-Thin	SLU-ENVE	Min	0	0	0	102,6125	43,9327	-8,1158	63,6	10,3
1426	Shell-Thin	SLE-ENVE	Max	0	0	0	68,8621	32,4098	-2,0547	59,75	7,48
1426	Shell-Thin	SLE-ENVE	Max	0	0	0	42,7001	21,4717	-2,6152	59,75	6,03
1426	Shell-Thin	SLE-ENVE	Max	0	0	0	41,9433	20,2287	-3,2414	58,71	6,03
1426	Shell-Thin	SLE-ENVE	Max	0	0	0	67,6839	30,8011	-2,6809	58,71	7,48
1426	Shell-Thin	SLE-ENVE	Min	0	0	0	53,617	24,8891	-3,4533	36,77	5,7
1426	Shell-Thin	SLE-ENVE	Min	0	0	0	32,9326	18,2695	-3,8777	36,77	4,76
1426	Shell-Thin	SLE-ENVE	Min	0	0	0	32,5643	17,2288	-4,9765	36,26	4,76
1426	Shell-Thin	SLE-ENVE	Min	0	0	0	52,5854	23,5186	-4,506	36,26	5,7
1427	Shell-Thin	SLU-ENVE	Max	0	0	0	135,1961	57,1609	-5,9316	103,63	26,96
1427	Shell-Thin	SLU-ENVE	Max	0	0	0	88,1281	38,9439	-6,8458	103,63	20,76
1427	Shell-Thin	SLU-ENVE	Max	0	0	0	85,6918	34,7674	-7,8081	99,2	20,76
1427	Shell-Thin	SLU-ENVE	Max	0	0	0	130,7913	50,9201	-6,8938	99,2	26,96
1427	Shell-Thin	SLU-ENVE	Min	0	0	0	102,6145	43,9426	-9,9453	62,94	21,56
1427	Shell-Thin	SLU-ENVE	Min	0	0	0	64,0061	32,0943	-10,9011	62,94	15,33
1427	Shell-Thin	SLU-ENVE	Min	0	0	0	63,4102	28,4958	-12,682	61,61	15,33
1427	Shell-Thin	SLU-ENVE	Min	0	0	0	100,305	39,0107	-11,6948	61,61	21,56
1427	Shell-Thin	SLE-ENVE	Max	0	0	0	67,6836	30,8038	-3,2927	58,27	14,95
1427	Shell-Thin	SLE-ENVE	Max	0	0	0	41,9435	20,2297	-3,7997	58,27	11,51
1427	Shell-Thin	SLE-ENVE	Max	0	0	0	40,5925	17,9146	-4,334	55,81	11,51
1427	Shell-Thin	SLE-ENVE	Max	0	0	0	65,2398	27,341	-3,827	55,81	14,95
1427	Shell-Thin	SLE-ENVE	Min	0	0	0	52,5865	23,5241	-5,522	35,9	11,96
1427	Shell-Thin	SLE-ENVE	Min	0	0	0	32,5649	17,2316	-6,0523	35,9	8,51
1427	Shell-Thin	SLE-ENVE	Min	0	0	0	32,2349	15,1759	-7,0414	35,16	8,51
1427	Shell-Thin	SLE-ENVE	Min	0	0	0	51,3053	20,7877	-6,4938	35,16	11,96
1428	Shell-Thin	SLU-ENVE	Max	0	0	0	130,7953	50,9233	-7,8328	97,31	48,29
1428	Shell-Thin	SLU-ENVE	Max	0	0	0	85,693	34,7734	-8,5936	97,31	34,66
1428	Shell-Thin	SLU-ENVE	Max	0	0	0	82,1337	27,9828	-9,3399	90,49	34,66
1428	Shell-Thin	SLU-ENVE	Max	0	0	0	124,102	41,221	-8,5792	90,49	48,29
1428	Shell-Thin	SLU-ENVE	Min	0	0	0	100,3037	39,0041	-13,2993	60,75	29,31
1428	Shell-Thin	SLU-ENVE	Min	0	0	0	63,4086	28,488	-14,285	60,75	19,88
1428	Shell-Thin	SLU-ENVE	Min	0	0	0	62,9056	23,4317	-15,5932	59,15	19,88
1428	Shell-Thin	SLU-ENVE	Min	0	0	0	97,7334	32,0564	-14,6075	59,15	29,31
1428	Shell-Thin	SLE-ENVE	Max	0	0	0	65,242	27,3427	-4,3486	54,76	26,78
1428	Shell-Thin	SLE-ENVE	Max	0	0	0	40,5931	17,9179	-4,7702	54,76	19,22
1428	Shell-Thin	SLE-ENVE	Max	0	0	0	38,7288	14,5321	-5,1849	50,97	19,22
1428	Shell-Thin	SLE-ENVE	Max	0	0	0	62,7624	21,9584	-4,7633	50,97	26,78
1428	Shell-Thin	SLE-ENVE	Min	0	0	0	51,3046	20,784	-7,3852	34,68	16,26
1428	Shell-Thin	SLE-ENVE	Min	0	0	0	32,2341	15,1727	-7,9317	34,68	11,03
1428	Shell-Thin	SLE-ENVE	Min	0	0	0	31,9559	12,0429	-8,6586	33,8	11,03
1428	Shell-Thin	SLE-ENVE	Min	0	0	0	49,8791	16,9289	-8,1121	33,8	16,26
1429	Shell-Thin	SLU-ENVE	Max	0	0	0	124,1088	41,2205	-9,1129	87,85	51,27
1429	Shell-Thin	SLU-ENVE	Max	0	0	0	82,1359	27,9581	-10,0572	87,85	36,91
1429	Shell-Thin	SLU-ENVE	Max	0	0	0	78,268	21,659	-10,5566	80,39	36,91
1429	Shell-Thin	SLU-ENVE	Max	0	0	0	116,8257	30,9004	-9,6123	80,39	51,27
1429	Shell-Thin	SLU-ENVE	Min	0	0	0	97,7296	32,0376	-15,4855	58,17	31,53
1429	Shell-Thin	SLU-ENVE	Min	0	0	0	62,902	23,4115	-16,6785	58,17	21,57

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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
1429	Shell-Thin	SLU-ENVE	Min	0	0	0	62,2764	17,4118	-17,3239	56,29	21,57
1429	Shell-Thin	SLU-ENVE	Min	0	0	0	94,7873	24,6265	-16,131	56,29	31,53
1429	Shell-Thin	SLE-ENVE	Max	0	0	0	62,7623	21,9581	-5,0602	49,51	28,42
1429	Shell-Thin	SLE-ENVE	Max	0	0	0	38,726	14,5183	-5,5835	49,51	20,46
1429	Shell-Thin	SLE-ENVE	Max	0	0	0	38,0459	11,0238	-5,8614	45,37	20,46
1429	Shell-Thin	SLE-ENVE	Max	0	0	0	60,0109	16,2327	-5,3382	45,37	28,42
1429	Shell-Thin	SLE-ENVE	Min	0	0	0	49,877	16,9185	-8,6004	33,25	17,49
1429	Shell-Thin	SLE-ENVE	Min	0	0	0	31,9539	12,0316	-9,2619	33,25	11,96
1429	Shell-Thin	SLE-ENVE	Min	0	0	0	31,6081	8,7023	-9,6211	32,21	11,96
1429	Shell-Thin	SLE-ENVE	Min	0	0	0	48,2454	12,8078	-8,9596	32,21	17,49
1434	Shell-Thin	SLU-ENVE	Max	0	0	0	39,2987	21,2082	-5,6241	148,27	4,29
1434	Shell-Thin	SLU-ENVE	Max	0	0	0	-30,6807	-3,1435	-6,0356	148,27	-2,94
1434	Shell-Thin	SLU-ENVE	Max	0	0	0	-33,5969	-1,3525	-7,7674	159,93	-2,94
1434	Shell-Thin	SLU-ENVE	Max	0	0	0	41,1053	20,9055	-7,4651	159,93	4,29
1434	Shell-Thin	SLU-ENVE	Min	0	0	0	18,2871	16,0625	-6,9023	126,94	2,38
1434	Shell-Thin	SLU-ENVE	Min	0	0	0	-42,5593	-6,1222	-7,142	126,94	-7,1
1434	Shell-Thin	SLU-ENVE	Min	0	0	0	-44,0313	-5,5274	-9,148	136,39	-7,1
1434	Shell-Thin	SLU-ENVE	Min	0	0	0	20,6984	15,2493	-8,9083	136,39	2,38
1434	Shell-Thin	SLE-ENVE	Max	0	0	0	16,639	10,7489	-3,1138	82,28	2,46
1434	Shell-Thin	SLE-ENVE	Max	0	0	0	-22,2987	-2,8113	-3,3626	82,28	-1,64
1434	Shell-Thin	SLE-ENVE	Max	0	0	0	-23,9869	-1,8081	-4,3264	88,92	-1,64
1434	Shell-Thin	SLE-ENVE	Max	0	0	0	17,6734	10,5777	-4,1374	88,92	2,46
1434	Shell-Thin	SLE-ENVE	Min	0	0	0	6,055	8,1732	-3,8255	72,37	1,37
1434	Shell-Thin	SLE-ENVE	Min	0	0	0	-30,8289	-4,8647	-3,9714	72,37	-3,94
1434	Shell-Thin	SLE-ENVE	Min	0	0	0	-31,5681	-4,5187	-5,0864	77,93	-3,94
1434	Shell-Thin	SLE-ENVE	Min	0	0	0	7,0307	7,4937	-4,9404	77,93	1,37
1435	Shell-Thin	SLU-ENVE	Max	0	0	0	41,1016	20,887	-9,93	158,77	6,09
1435	Shell-Thin	SLU-ENVE	Max	0	0	0	-33,5905	-1,3204	-8,1944	158,77	2,07
1435	Shell-Thin	SLU-ENVE	Max	0	0	0	-27,3726	-2,4193	-9,6857	137,46	2,07
1435	Shell-Thin	SLU-ENVE	Max	0	0	0	37,0333	18,783	-11,554	137,46	6,09
1435	Shell-Thin	SLU-ENVE	Min	0	0	0	20,6958	15,2361	-11,8187	135,41	2,11
1435	Shell-Thin	SLU-ENVE	Min	0	0	0	-44,0264	-5,5015	-9,6017	135,41	-3,15
1435	Shell-Thin	SLU-ENVE	Min	0	0	0	-37,6691	-5,8544	-11,3223	118,63	-3,15
1435	Shell-Thin	SLU-ENVE	Min	0	0	0	18,7578	13,6691	-13,5392	118,63	2,11
1435	Shell-Thin	SLE-ENVE	Max	0	0	0	17,6713	10,5674	-5,5201	88,28	3,34
1435	Shell-Thin	SLE-ENVE	Max	0	0	0	-23,9833	-1,7902	-4,5385	88,28	1,16
1435	Shell-Thin	SLE-ENVE	Max	0	0	0	-20,466	-2,4098	-5,3688	76,29	1,16
1435	Shell-Thin	SLE-ENVE	Max	0	0	0	15,3795	9,4029	-6,4233	76,29	3,34
1435	Shell-Thin	SLE-ENVE	Min	0	0	0	7,0303	7,4915	-6,5675	77,39	1,1
1435	Shell-Thin	SLE-ENVE	Min	0	0	0	-31,5652	-4,5044	-5,326	77,39	-1,73
1435	Shell-Thin	SLE-ENVE	Min	0	0	0	-28,1216	-4,7169	-6,2826	67,76	-1,73
1435	Shell-Thin	SLE-ENVE	Min	0	0	0	6,4397	6,4667	-7,5241	67,76	1,1
1436	Shell-Thin	SLU-ENVE	Max	0	0	0	37,0463	18,8481	-11,8338	135,83	28,47
1436	Shell-Thin	SLU-ENVE	Max	0	0	0	-27,4001	-2,5568	-12,2407	135,83	5,42
1436	Shell-Thin	SLU-ENVE	Max	0	0	0	-30,4728	-3,1408	-13,3671	142,94	5,42
1436	Shell-Thin	SLU-ENVE	Max	0	0	0	35,0334	13,2371	-12,9855	142,94	28,47
1436	Shell-Thin	SLU-ENVE	Min	0	0	0	18,7671	13,7158	-13,8887	117,24	9,39
1436	Shell-Thin	SLU-ENVE	Min	0	0	0	-37,6863	-5,9406	-14,4795	117,24	-8,15
1436	Shell-Thin	SLU-ENVE	Min	0	0	0	-39,4209	-4,9405	-15,7711	123,08	-8,15
1436	Shell-Thin	SLU-ENVE	Min	0	0	0	19,8673	9,9474	-15,1802	123,08	9,39
1436	Shell-Thin	SLE-ENVE	Max	0	0	0	15,3868	9,4397	-6,5645	75,38	15,88
1436	Shell-Thin	SLE-ENVE	Max	0	0	0	-20,4815	-2,4873	-6,8202	75,38	2,92

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
1436	Shell-Thin	SLE-ENVE	Max	0	0	0	-22,2599	-2,7778	-7,4442	79,48	2,92
1436	Shell-Thin	SLE-ENVE	Max	0	0	0	14,2956	6,3021	-7,203	79,48	15,88
1436	Shell-Thin	SLE-ENVE	Min	0	0	0	6,4425	6,4805	-7,7071	66,98	5,32
1436	Shell-Thin	SLE-ENVE	Min	0	0	0	-28,1316	-4,7669	-8,0523	66,98	-4,7
1436	Shell-Thin	SLE-ENVE	Min	0	0	0	-27,7591	-3,9316	-8,7688	70,53	-4,7
1436	Shell-Thin	SLE-ENVE	Min	0	0	0	7,4487	4,8064	-8,4236	70,53	5,32
1437	Shell-Thin	SLU-ENVE	Max	0	0	0	35,0259	13,1683	-14,4929	140,03	24,03
1437	Shell-Thin	SLU-ENVE	Max	0	0	0	-30,4118	-2,8355	-13,1051	140,03	13,9
1437	Shell-Thin	SLU-ENVE	Max	0	0	0	-26,7687	-5,5731	-13,6873	125,2	13,9
1437	Shell-Thin	SLU-ENVE	Max	0	0	0	30,3319	8,3508	-14,8671	125,2	24,03
1437	Shell-Thin	SLU-ENVE	Min	0	0	0	19,8557	9,8895	-17,0429	120,77	5,59
1437	Shell-Thin	SLU-ENVE	Min	0	0	0	-39,3655	-4,6638	-15,3959	120,77	-1,03
1437	Shell-Thin	SLU-ENVE	Min	0	0	0	-34,7294	-7,1724	-16,0018	108,79	-1,03
1437	Shell-Thin	SLU-ENVE	Min	0	0	0	18,5016	6,3022	-17,6488	108,79	5,59
1437	Shell-Thin	SLE-ENVE	Max	0	0	0	14,2912	6,2631	-8,0512	77,86	13,31
1437	Shell-Thin	SLE-ENVE	Max	0	0	0	-22,2252	-2,6044	-7,263	77,86	7,84
1437	Shell-Thin	SLE-ENVE	Max	0	0	0	-20,1601	-4,5592	-7,5822	69,53	7,84
1437	Shell-Thin	SLE-ENVE	Max	0	0	0	11,582	3,5911	-8,2562	69,53	13,31
1437	Shell-Thin	SLE-ENVE	Min	0	0	0	7,4419	4,7726	-9,4669	69,23	3,02
1437	Shell-Thin	SLE-ENVE	Min	0	0	0	-27,7391	-3,8311	-8,5428	69,23	-0,35
1437	Shell-Thin	SLE-ENVE	Min	0	0	0	-24,2923	-4,9165	-8,8774	62,38	-0,35
1437	Shell-Thin	SLE-ENVE	Min	0	0	0	6,6616	2,469	-9,8014	62,38	3,02
1438	Shell-Thin	SLU-ENVE	Max	0	0	0	-28,8686	-2,781	-6,8958	313,32	-7,92
1438	Shell-Thin	SLU-ENVE	Max	0	0	0	-89,9742	-	-5,052	313,32	-121,39
								30,8758			
1438	Shell-Thin	SLU-ENVE	Max	0	0	0	-72,0013	5,265	-6,3947	172,41	-121,39
1438	Shell-Thin	SLU-ENVE	Max	0	0	0	-35,1382	-1,6608	-8,2385	172,41	-7,92
1438	Shell-Thin	SLU-ENVE	Min	0	0	0	-41,4227	-5,8948	-8,8526	199,55	-14,61
1438	Shell-Thin	SLU-ENVE	Min	0	0	0	-112,089	-	-6,3144	199,55	-207,58
								44,0916			
1438	Shell-Thin	SLU-ENVE	Min	0	0	0	-82,8094	-2,3708	-8,0743	114,09	-207,58
1438	Shell-Thin	SLU-ENVE	Min	0	0	0	-45,5379	-5,759	-10,6124	114,09	-14,61
1438	Shell-Thin	SLE-ENVE	Max	0	0	0	-21,2679	-2,6051	-3,9081	174,46	-4,5
1438	Shell-Thin	SLE-ENVE	Max	0	0	0	-57,9722	-	-2,8569	174,46	-71,87
								19,2426			
1438	Shell-Thin	SLE-ENVE	Max	0	0	0	-47,4261	2,1066	-3,6036	94,95	-71,87
1438	Shell-Thin	SLE-ENVE	Max	0	0	0	-24,8665	-1,984	-4,6548	94,95	-4,5
1438	Shell-Thin	SLE-ENVE	Min	0	0	0	-30,1522	-4,7293	-4,95	114,25	-8,16
1438	Shell-Thin	SLE-ENVE	Min	0	0	0	-67,5834	-	-3,5289	114,25	-117,16
								25,7614			
1438	Shell-Thin	SLE-ENVE	Min	0	0	0	-51,0841	-2,3259	-4,507	63,66	-117,16
1438	Shell-Thin	SLE-ENVE	Min	0	0	0	-32,2553	-4,6562	-5,928	63,66	-8,16
1439	Shell-Thin	SLU-ENVE	Max	0	0	0	-35,1318	-1,6286	-4,8101	171,13	0,37
1439	Shell-Thin	SLU-ENVE	Max	0	0	0	-72,0173	5,1679	-4,4014	171,13	179,45
1439	Shell-Thin	SLU-ENVE	Max	0	0	0	-81,1211	-	-5,5171	287,57	179,45
								27,7946			
1439	Shell-Thin	SLU-ENVE	Max	0	0	0	-25,6653	-2,0779	-5,9258	287,57	0,37
1439	Shell-Thin	SLU-ENVE	Min	0	0	0	-45,5329	-5,7331	-5,6872	112,57	-3,73
1439	Shell-Thin	SLU-ENVE	Min	0	0	0	-82,8288	-2,4505	-5,171	112,57	97,96
1439	Shell-Thin	SLU-ENVE	Min	0	0	0	-101,5903	-	-6,5615	181,56	97,96
								40,0744			
1439	Shell-Thin	SLU-ENVE	Min	0	0	0	-36,6675	-5,6541	-6,9195	181,56	-3,73
1439	Shell-Thin	SLE-ENVE	Max	0	0	0	-24,863	-1,9662	-2,6059	94,24	0,27

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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
1439	Shell-Thin	SLE-ENVE	Max	0	0	0	-47,435	2,0528	-2,4049	94,24	101,55
1439	Shell-Thin	SLE-ENVE	Max	0	0	0	-53,0709	-	-3,0259	160,18	101,55
								17,5368			
1439	Shell-Thin	SLE-ENVE	Max	0	0	0	-19,4933	-2,2152	-3,2268	160,18	0,27
1439	Shell-Thin	SLE-ENVE	Min	0	0	0	-32,2524	-4,6418	-3,0801	62,82	-1,95
1439	Shell-Thin	SLE-ENVE	Min	0	0	0	-51,0949	-2,3701	-2,8535	62,82	58,9
1439	Shell-Thin	SLE-ENVE	Min	0	0	0	-61,7607	-	-3,6206	104,29	58,9
								23,5329			
1439	Shell-Thin	SLE-ENVE	Min	0	0	0	-27,5197	-4,5966	-3,8055	104,29	-1,95
1440	Shell-Thin	SLU-ENVE	Max	0	0	0	-25,6928	-2,2153	-11,5967	289,83	-7,96
1440	Shell-Thin	SLU-ENVE	Max	0	0	0	-81,0962	-	-8,8179	289,83	-113,6
								27,6699			
1440	Shell-Thin	SLU-ENVE	Max	0	0	0	-61,4421	1,9716	-9,9864	137,57	-113,6
1440	Shell-Thin	SLU-ENVE	Max	0	0	0	-31,6594	-3,3781	-12,7653	137,57	-7,96
1440	Shell-Thin	SLU-ENVE	Min	0	0	0	-36,6848	-5,7403	-15,3082	182,3	-15,15
1440	Shell-Thin	SLU-ENVE	Min	0	0	0	-101,53	-	-11,7132	182,3	-181,36
								39,7727			
1440	Shell-Thin	SLU-ENVE	Min	0	0	0	-69,7569	-2,0481	-13,7264	99,73	-181,36
1440	Shell-Thin	SLU-ENVE	Min	0	0	0	-40,5587	-5,1681	-17,3213	99,73	-15,15
1440	Shell-Thin	SLE-ENVE	Max	0	0	0	-19,5088	-2,2927	-6,53	161,45	-4,59
1440	Shell-Thin	SLE-ENVE	Max	0	0	0	-53,0564	-	-4,9512	161,45	-67,58
								17,4645			
1440	Shell-Thin	SLE-ENVE	Max	0	0	0	-40,6403	0,2758	-5,6128	75,48	-67,58
1440	Shell-Thin	SLE-ENVE	Max	0	0	0	-22,9405	-2,914	-7,1915	75,48	-4,59
1440	Shell-Thin	SLE-ENVE	Min	0	0	0	-27,5297	-4,6466	-8,5407	104,74	-8,74
1440	Shell-Thin	SLE-ENVE	Min	0	0	0	-61,7269	-	-6,5294	104,74	-102,6
								23,3641			
1440	Shell-Thin	SLE-ENVE	Min	0	0	0	-43,8213	-2,1478	-7,653	55,54	-102,6
1440	Shell-Thin	SLE-ENVE	Min	0	0	0	-28,2997	-4,0397	-9,6643	55,54	-8,74
1441	Shell-Thin	SLU-ENVE	Max	0	0	0	-31,5983	-3,0729	-10,2764	126,03	7,64
1441	Shell-Thin	SLU-ENVE	Max	0	0	0	-61,5223	1,1796	-8,762	126,03	84,63
1441	Shell-Thin	SLU-ENVE	Max	0	0	0	-64,7897	-	-8,3929	168,7	84,63
								17,5151			
1441	Shell-Thin	SLU-ENVE	Max	0	0	0	-26,4437	-5,4988	-9,9074	168,7	7,64
1441	Shell-Thin	SLU-ENVE	Min	0	0	0	-40,5034	-4,8914	-13,1563	94,03	-2,32
1441	Shell-Thin	SLU-ENVE	Min	0	0	0	-69,9153	-2,449	-11,5315	94,03	54,21
1441	Shell-Thin	SLU-ENVE	Min	0	0	0	-73,9333	-	-10,4301	136,44	54,21
								21,6033			
1441	Shell-Thin	SLU-ENVE	Min	0	0	0	-34,3802	-7,1026	-12,0549	136,44	-2,32
1441	Shell-Thin	SLE-ENVE	Max	0	0	0	-22,9058	-2,7405	-5,6594	68,99	4,44
1441	Shell-Thin	SLE-ENVE	Max	0	0	0	-40,7189	-0,1707	-4,8545	68,99	48,35
1441	Shell-Thin	SLE-ENVE	Max	0	0	0	-42,6081	-	-4,6112	93,71	48,35
								11,5163			
1441	Shell-Thin	SLE-ENVE	Max	0	0	0	-19,9704	-4,5145	-5,416	93,71	4,44
1441	Shell-Thin	SLE-ENVE	Min	0	0	0	-28,2797	-3,9392	-7,2882	52,19	-0,92
1441	Shell-Thin	SLE-ENVE	Min	0	0	0	-43,9106	-2,3863	-6,4017	52,19	33,3
1441	Shell-Thin	SLE-ENVE	Min	0	0	0	-46,3433	-	-5,7741	78,19	33,3
								13,1438			
1441	Shell-Thin	SLE-ENVE	Min	0	0	0	-24,0689	-4,8748	-6,6606	78,19	-0,92
1442	Shell-Thin	SLU-ENVE	Max	0	0	0	-90,2069	-	-0,5736	-111,76	-120,28
								30,9224			
1442	Shell-Thin	SLU-ENVE	Max	0	0	0	-61,7489	-	1,2833	-111,76	-4,09
								14,4435			

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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
1442	Shell-Thin	SLU-ENVE	Max	0	0	0	-67,4411	-	0,4981	-0,72	-4,09
								14,7548			
1442	Shell-Thin	SLU-ENVE	Max	0	0	0	-71,7839	5,3458	-1,2916	-0,72	-120,28
1442	Shell-Thin	SLU-ENVE	Min	0	0	0	-112,4681	-	-1,4402	-178,28	-205,48
								44,1674			
1442	Shell-Thin	SLU-ENVE	Min	0	0	0	-67,1193	-	0,0333	-178,28	-5,01
								16,0657			
1442	Shell-Thin	SLU-ENVE	Min	0	0	0	-78,4861	-	-0,4894	-16,03	-5,01
								16,6707			
1442	Shell-Thin	SLU-ENVE	Min	0	0	0	-82,4051	-2,3273	-1,963	-16,03	-205,48
1442	Shell-Thin	SLE-ENVE	Max	0	0	0	-58,1107	-	-0,2966	-70,35	-71,2
								19,2703			
1442	Shell-Thin	SLE-ENVE	Max	0	0	0	-39,44	-9,1264	0,7384	-70,35	-2,14
1442	Shell-Thin	SLE-ENVE	Max	0	0	0	-43,7242	-9,4458	0,3025	-3,95	-2,14
1442	Shell-Thin	SLE-ENVE	Max	0	0	0	-47,2965	2,1523	-0,6705	-3,95	-71,2
1442	Shell-Thin	SLE-ENVE	Min	0	0	0	-67,7981	-	-0,7469	-103,92	-115,97
								25,8043			
1442	Shell-Thin	SLE-ENVE	Min	0	0	0	-41,3849	-9,7474	0,0815	-103,92	-2,69
1442	Shell-Thin	SLE-ENVE	Min	0	0	0	-47,84	-	-0,2079	-13,13	-2,69
								10,1113			
1442	Shell-Thin	SLE-ENVE	Min	0	0	0	-50,8556	-2,3	-1,0363	-13,13	-115,97
1443	Shell-Thin	SLU-ENVE	Max	0	0	0	-71,7998	5,2487	-5,7776	0,29	175,56
1443	Shell-Thin	SLU-ENVE	Max	0	0	0	-67,4383	-	-4,4384	0,29	-12,85
								14,7408			
1443	Shell-Thin	SLU-ENVE	Max	0	0	0	-56,1908	-	-5,1188	-97,85	-12,85
								12,8678			
1443	Shell-Thin	SLU-ENVE	Max	0	0	0	-81,3301	-	-6,4579	-97,85	175,56
								27,8364			
1443	Shell-Thin	SLU-ENVE	Min	0	0	0	-82,4245	-2,407	-7,8058	-15,31	96,36
1443	Shell-Thin	SLU-ENVE	Min	0	0	0	-78,4819	-	-6,3047	-15,31	-15,82
								16,6499			
1443	Shell-Thin	SLU-ENVE	Min	0	0	0	-60,3602	-	-7,358	-162,08	-15,82
								14,1966			
1443	Shell-Thin	SLU-ENVE	Min	0	0	0	-101,9275	-	-8,8591	-162,08	96,36
								40,1418			
1443	Shell-Thin	SLE-ENVE	Max	0	0	0	-47,3053	2,0985	-3,2743	-3,39	99,37
1443	Shell-Thin	SLE-ENVE	Max	0	0	0	-43,7227	-9,438	-2,5454	-3,39	-7,26
1443	Shell-Thin	SLE-ENVE	Max	0	0	0	-36,317	-8,2676	-2,9221	-62,65	-7,26
1443	Shell-Thin	SLE-ENVE	Max	0	0	0	-53,1963	-	-3,6509	-62,65	99,37
								17,5618			
1443	Shell-Thin	SLE-ENVE	Min	0	0	0	-50,8664	-2,3441	-4,3647	-12,83	57,96
1443	Shell-Thin	SLE-ENVE	Min	0	0	0	-47,8377	-	-3,5373	-12,83	-8,87
								10,0997			
1443	Shell-Thin	SLE-ENVE	Min	0	0	0	-37,6361	-8,7107	-4,1221	-94,94	-8,87
1443	Shell-Thin	SLE-ENVE	Min	0	0	0	-61,9521	-	-4,9495	-94,94	57,96
								23,5712			
1444	Shell-Thin	SLU-ENVE	Max	0	0	0	-81,3052	-	-4,2872	-99,85	-112,34
								27,7117			
1444	Shell-Thin	SLU-ENVE	Max	0	0	0	-56,1975	-	-1,5496	-99,85	-12,51
								12,9016			
1444	Shell-Thin	SLU-ENVE	Max	0	0	0	-59,496	-	-1,4389	1,51	-12,51
								12,1609			
1444	Shell-Thin	SLU-ENVE	Max	0	0	0	-61,263	2,0272	-4,1765	1,51	-112,34
1444	Shell-Thin	SLU-ENVE	Min	0	0	0	-101,8672	-	-5,267	-166,95	-181
								39,8401			

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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
1444	Shell-Thin	SLU-ENVE	Min	0	0	0	-60,3744	-	-1,9929	-166,95	-17,08
								14,2675			
1444	Shell-Thin	SLU-ENVE	Min	0	0	0	-68,0582	-	-2,1415	-10,11	-17,08
								13,8173			
1444	Shell-Thin	SLU-ENVE	Min	0	0	0	-69,4786	-2,0123	-5,146	-10,11	-181
1444	Shell-Thin	SLE-ENVE	Max	0	0	0	-53,1818	-	-2,3312	-63,78	-66,81
								17,4896			
1444	Shell-Thin	SLE-ENVE	Max	0	0	0	-36,3232	-8,2985	-0,7988	-63,78	-6,89
1444	Shell-Thin	SLE-ENVE	Max	0	0	0	-39,356	-7,986	-0,73	-2,55	-6,89
1444	Shell-Thin	SLE-ENVE	Max	0	0	0	-40,5004	0,3075	-2,2623	-2,55	-66,81
1444	Shell-Thin	SLE-ENVE	Min	0	0	0	-61,9184	-	-2,8946	-97,65	-102,37
								23,4024			
1444	Shell-Thin	SLE-ENVE	Min	0	0	0	-37,6441	-8,7505	-1,05	-97,65	-9,44
1444	Shell-Thin	SLE-ENVE	Min	0	0	0	-42,0691	-8,5192	-1,1119	-8,3	-9,44
1444	Shell-Thin	SLE-ENVE	Min	0	0	0	-43,6629	-2,1262	-2,823	-8,3	-102,37
1445	Shell-Thin	SLU-ENVE	Max	0	0	0	-61,3432	1,2353	-7,4322	8,01	80,54
1445	Shell-Thin	SLU-ENVE	Max	0	0	0	-59,4806	-	-5,4372	8,01	-13,44
								12,0836			
1445	Shell-Thin	SLU-ENVE	Max	0	0	0	-49,1364	-	-6,7659	-56,88	-13,44
								10,7181			
1445	Shell-Thin	SLU-ENVE	Max	0	0	0	-64,8605	-	-8,7608	-56,88	80,54
								17,5292			
1445	Shell-Thin	SLU-ENVE	Min	0	0	0	-69,6369	-2,4132	-9,1676	-3,69	52,48
1445	Shell-Thin	SLU-ENVE	Min	0	0	0	-68,0297	-	-6,4398	-3,69	-18,91
								13,6746			
1445	Shell-Thin	SLU-ENVE	Min	0	0	0	-54,7674	-	-8,4219	-69,22	-18,91
								12,0518			
1445	Shell-Thin	SLU-ENVE	Min	0	0	0	-74,052	-	-11,1498	-69,22	52,48
								21,6271			
1445	Shell-Thin	SLE-ENVE	Max	0	0	0	-40,5789	-0,139	-4,1735	1,16	46,04
1445	Shell-Thin	SLE-ENVE	Max	0	0	0	-39,3467	-7,9399	-3,0832	1,16	-7,4
1445	Shell-Thin	SLE-ENVE	Max	0	0	0	-32,6092	-6,8981	-3,8674	-36,46	-7,4
1445	Shell-Thin	SLE-ENVE	Max	0	0	0	-42,6724	-	-4,9577	-36,46	46,04
								11,5248			
1445	Shell-Thin	SLE-ENVE	Min	0	0	0	-43,7522	-2,3647	-5,1137	-5,34	32,28
1445	Shell-Thin	SLE-ENVE	Min	0	0	0	-42,0529	-8,4386	-3,6062	-5,34	-10,49
1445	Shell-Thin	SLE-ENVE	Min	0	0	0	-34,5798	-7,5309	-4,727	-42,85	-10,49
1445	Shell-Thin	SLE-ENVE	Min	0	0	0	-46,4108	-	-6,2345	-42,85	32,28
								13,1573			
1556	Shell-Thin	SLU-ENVE	Max	0	0	0	81,9889	28,0635	15,3236	119,35	-15,6
1556	Shell-Thin	SLU-ENVE	Max	0	0	0	55,881	20,8419	15,7583	119,35	-12,33
1556	Shell-Thin	SLU-ENVE	Max	0	0	0	58,9808	28,9597	12,4749	136,94	-12,33
1556	Shell-Thin	SLU-ENVE	Max	0	0	0	88,2071	39,1197	12,4366	136,94	-15,6
1556	Shell-Thin	SLU-ENVE	Min	0	0	0	62,672	23,5296	9,7784	65,27	-24,8
1556	Shell-Thin	SLU-ENVE	Min	0	0	0	41,2888	16,9742	10,2767	65,27	-20,41
1556	Shell-Thin	SLU-ENVE	Min	0	0	0	41,7739	23,3884	8,5934	58,99	-20,41
1556	Shell-Thin	SLU-ENVE	Min	0	0	0	63,8904	31,8328	8,0951	58,99	-24,8
1556	Shell-Thin	SLE-ENVE	Max	0	0	0	38,5808	14,5718	8,5089	65,63	-8,66
1556	Shell-Thin	SLE-ENVE	Max	0	0	0	25,8476	10,538	8,7473	65,63	-6,84
1556	Shell-Thin	SLE-ENVE	Max	0	0	0	27,7124	15,0445	6,924	75,4	-6,84
1556	Shell-Thin	SLE-ENVE	Max	0	0	0	41,9868	20,3197	6,9056	75,4	-8,66
1556	Shell-Thin	SLE-ENVE	Min	0	0	0	31,8251	12,0925	5,4286	36,93	-13,76
1556	Shell-Thin	SLE-ENVE	Min	0	0	0	19,6869	8,7794	5,7054	36,93	-11,33
1556	Shell-Thin	SLE-ENVE	Min	0	0	0	19,9571	12,3389	4,7707	33,44	-11,33

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
1556	Shell-Thin	SLE-ENVE	Min	0	0	0	32,5008	17,0812	4,4939	33,44	-13,76
1557	Shell-Thin	SLU-ENVE	Max	0	0	0	55,885	20,8427	15,8151	121,52	-12,33
1557	Shell-Thin	SLU-ENVE	Max	0	0	0	34,1869	13,3041	15,6466	121,52	-8,19
1557	Shell-Thin	SLU-ENVE	Max	0	0	0	40,0924	21,2043	12,5859	132,96	-8,19
1557	Shell-Thin	SLU-ENVE	Max	0	0	0	58,9448	28,9547	12,5878	132,96	-12,33
1557	Shell-Thin	SLU-ENVE	Min	0	0	0	41,2925	16,9749	11,0817	83,12	-21,45
1557	Shell-Thin	SLU-ENVE	Min	0	0	0	18,9893	9,9998	11,8439	83,12	-20,29
1557	Shell-Thin	SLU-ENVE	Min	0	0	0	19,6785	15,1963	9,8472	79,4	-20,29
1557	Shell-Thin	SLU-ENVE	Min	0	0	0	41,7578	23,3852	9,0849	79,4	-21,45
1557	Shell-Thin	SLE-ENVE	Max	0	0	0	25,8498	10,5385	8,7795	67,46	-6,85
1557	Shell-Thin	SLE-ENVE	Max	0	0	0	13,8127	6,3381	8,6866	67,46	-4,53
1557	Shell-Thin	SLE-ENVE	Max	0	0	0	17,0956	10,7389	6,9887	73,8	-4,53
1557	Shell-Thin	SLE-ENVE	Max	0	0	0	27,6923	15,0417	6,9867	73,8	-6,85
1557	Shell-Thin	SLE-ENVE	Min	0	0	0	19,689	8,7798	6,1528	46,68	-11,91
1557	Shell-Thin	SLE-ENVE	Min	0	0	0	6,9409	4,8346	6,5766	46,68	-11,27
1557	Shell-Thin	SLE-ENVE	Min	0	0	0	6,5085	7,315	5,4676	44,61	-11,27
1557	Shell-Thin	SLE-ENVE	Min	0	0	0	19,9481	12,3371	5,0438	44,61	-11,91
1558	Shell-Thin	SLU-ENVE	Max	0	0	0	88,2038	39,1033	8,8047	138,53	-2,09
1558	Shell-Thin	SLU-ENVE	Max	0	0	0	58,9784	28,938	9,0535	138,53	-0,66
1558	Shell-Thin	SLU-ENVE	Max	0	0	0	60,1993	30,701	4,9443	139,33	-0,66
1558	Shell-Thin	SLU-ENVE	Max	0	0	0	89,7718	41,2317	4,6955	139,33	-2,09
1558	Shell-Thin	SLU-ENVE	Min	0	0	0	63,8855	31,8083	6,242	61,06	-7,74
1558	Shell-Thin	SLU-ENVE	Min	0	0	0	41,7723	23,3807	6,5968	61,06	-4,52
1558	Shell-Thin	SLU-ENVE	Min	0	0	0	42,2964	25,0787	3,8606	66,38	-4,52
1558	Shell-Thin	SLU-ENVE	Min	0	0	0	65,2	34,8073	3,5059	66,38	-7,74
1558	Shell-Thin	SLE-ENVE	Max	0	0	0	41,985	20,3107	4,8888	76,28	-1,16
1558	Shell-Thin	SLE-ENVE	Max	0	0	0	27,711	15,0325	5,0269	76,28	-0,37
1558	Shell-Thin	SLE-ENVE	Max	0	0	0	28,3883	16,0123	2,7454	76,72	-0,37
1558	Shell-Thin	SLE-ENVE	Max	0	0	0	42,8548	21,8823	2,6073	76,72	-1,16
1558	Shell-Thin	SLE-ENVE	Min	0	0	0	32,4981	17,0676	3,4653	34,59	-4,3
1558	Shell-Thin	SLE-ENVE	Min	0	0	0	19,9563	12,3347	3,6622	34,59	-2,51
1558	Shell-Thin	SLE-ENVE	Min	0	0	0	20,246	13,2794	2,1433	37,55	-2,51
1558	Shell-Thin	SLE-ENVE	Min	0	0	0	33,2277	18,3839	1,9464	37,55	-4,3
1559	Shell-Thin	SLU-ENVE	Max	0	0	0	58,9423	28,933	9,2008	134,68	0,14
1559	Shell-Thin	SLU-ENVE	Max	0	0	0	40,109	21,2869	9,2113	134,68	4,81
1559	Shell-Thin	SLU-ENVE	Max	0	0	0	39,6365	19,7279	5,1366	140,41	4,81
1559	Shell-Thin	SLU-ENVE	Max	0	0	0	60,2239	30,7057	5,1261	140,41	0,14
1559	Shell-Thin	SLU-ENVE	Min	0	0	0	41,7562	23,3775	7,0296	81,47	-3,59
1559	Shell-Thin	SLU-ENVE	Min	0	0	0	19,6927	15,2672	7,1778	81,47	-3,75
1559	Shell-Thin	SLU-ENVE	Min	0	0	0	18,6936	15,2062	4,1119	88,48	-3,75
1559	Shell-Thin	SLU-ENVE	Min	0	0	0	42,3131	25,082	3,9637	88,48	-3,59
1559	Shell-Thin	SLE-ENVE	Max	0	0	0	27,691	15,0297	5,1084	74,75	0,07816
1559	Shell-Thin	SLE-ENVE	Max	0	0	0	17,1049	10,7855	5,1141	74,75	2,66
1559	Shell-Thin	SLE-ENVE	Max	0	0	0	16,8428	9,9074	2,8521	77,92	2,66
1559	Shell-Thin	SLE-ENVE	Max	0	0	0	28,4019	16,0149	2,8465	77,92	0,07816
1559	Shell-Thin	SLE-ENVE	Min	0	0	0	19,9473	12,3329	3,9021	45,75	-1,99
1559	Shell-Thin	SLE-ENVE	Min	0	0	0	6,5113	7,3288	3,9842	45,75	-2,1
1559	Shell-Thin	SLE-ENVE	Min	0	0	0	6,4684	7,7302	2,2827	49,64	-2,1
1559	Shell-Thin	SLE-ENVE	Min	0	0	0	20,2553	13,2813	2,2006	49,64	-1,99
1574	Shell-Thin	SLU-ENVE	Max	0	0	0	89,7843	41,212	1,3871	138,53	0,19
1574	Shell-Thin	SLU-ENVE	Max	0	0	0	60,2108	30,6888	1,4033	138,53	0,17
1574	Shell-Thin	SLU-ENVE	Max	0	0	0	60,2831	30,7582	-0,6763	138,16	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
1574	Shell-Thin	SLU-ENVE	Max	0	0	0	89,7834	41,3313	-0,6962	138,16	0,19
1574	Shell-Thin	SLU-ENVE	Min	0	0	0	65,1954	34,7845	1,062	68,32	-0,54
1574	Shell-Thin	SLU-ENVE	Min	0	0	0	42,2927	25,0602	1,0807	68,32	-0,34
1574	Shell-Thin	SLU-ENVE	Min	0	0	0	42,3729	25,1111	-0,9553	68,12	-0,34
1574	Shell-Thin	SLU-ENVE	Min	0	0	0	65,2064	34,8759	-0,9716	68,12	-0,54
1574	Shell-Thin	SLE-ENVE	Max	0	0	0	42,8617	21,8714	0,7705	76,28	0,09704
1574	Shell-Thin	SLE-ENVE	Max	0	0	0	28,3947	16,0056	0,7796	76,28	0,09431
1574	Shell-Thin	SLE-ENVE	Max	0	0	0	28,4358	16,0444	-0,3746	76,06	0,09431
1574	Shell-Thin	SLE-ENVE	Max	0	0	0	42,861	21,9384	-0,3859	76,06	0,09704
1574	Shell-Thin	SLE-ENVE	Min	0	0	0	33,2251	18,3847	0,5897	38,62	-0,3
1574	Shell-Thin	SLE-ENVE	Min	0	0	0	20,244	13,2694	0,6002	38,62	-0,19
1574	Shell-Thin	SLE-ENVE	Min	0	0	0	20,29	13,2978	-0,53	38,51	-0,19
1574	Shell-Thin	SLE-ENVE	Min	0	0	0	33,2309	18,4351	-0,5391	38,51	-0,3
1575	Shell-Thin	SLU-ENVE	Max	0	0	0	60,2353	30,6935	1,5539	140,5	0,19
1575	Shell-Thin	SLU-ENVE	Max	0	0	0	39,6345	19,6395	1,5626	140,5	2,45
1575	Shell-Thin	SLU-ENVE	Max	0	0	0	39,4876	19,0672	-0,7578	141,27	2,45
1575	Shell-Thin	SLU-ENVE	Max	0	0	0	60,3085	30,7628	-0,766	141,27	0,19
1575	Shell-Thin	SLU-ENVE	Min	0	0	0	42,3094	25,0636	1,2185	90,73	-0,31
1575	Shell-Thin	SLU-ENVE	Min	0	0	0	18,6761	15,1186	1,2318	90,73	1,19
1575	Shell-Thin	SLU-ENVE	Min	0	0	0	18,5477	14,6672	-1,0407	91,61	1,19
1575	Shell-Thin	SLU-ENVE	Min	0	0	0	42,3888	25,1142	-1,0494	91,61	-0,31
1575	Shell-Thin	SLE-ENVE	Max	0	0	0	28,4083	16,0082	0,8637	77,98	0,11
1575	Shell-Thin	SLE-ENVE	Max	0	0	0	16,8415	9,8573	0,8685	77,98	1,39
1575	Shell-Thin	SLE-ENVE	Max	0	0	0	16,7576	9,5343	-0,4201	78,43	1,39
1575	Shell-Thin	SLE-ENVE	Max	0	0	0	28,45	16,0469	-0,4246	78,43	0,11
1575	Shell-Thin	SLE-ENVE	Min	0	0	0	20,2533	13,2712	0,6774	50,89	-0,17
1575	Shell-Thin	SLE-ENVE	Min	0	0	0	6,4561	7,6795	0,6848	50,89	0,71
1575	Shell-Thin	SLE-ENVE	Min	0	0	0	6,3945	7,4182	-0,5775	51,39	0,71
1575	Shell-Thin	SLE-ENVE	Min	0	0	0	20,2988	13,2996	-0,5823	51,39	-0,17
1576	Shell-Thin	SLU-ENVE	Max	0	0	0	89,7829	41,3474	-2,4231	138,82	4,54
1576	Shell-Thin	SLU-ENVE	Max	0	0	0	60,2813	30,7612	-2,622	138,82	1,4
1576	Shell-Thin	SLU-ENVE	Max	0	0	0	60,0242	30,6762	-4,391	140,67	1,4
1576	Shell-Thin	SLU-ENVE	Max	0	0	0	89,6224	40,5443	-4,0994	140,67	4,54
1576	Shell-Thin	SLU-ENVE	Min	0	0	0	65,2086	34,8867	-3,1784	67,11	-2,93
1576	Shell-Thin	SLU-ENVE	Min	0	0	0	42,373	25,1116	-3,4434	67,11	-3,85
1576	Shell-Thin	SLU-ENVE	Min	0	0	0	42,0549	24,8996	-5,6687	64,31	-3,85
1576	Shell-Thin	SLU-ENVE	Min	0	0	0	64,6997	34,0626	-5,4036	64,31	-2,93
1576	Shell-Thin	SLE-ENVE	Max	0	0	0	42,8607	21,9473	-1,3438	76,43	2,52
1576	Shell-Thin	SLE-ENVE	Max	0	0	0	28,4348	16,0459	-1,4548	76,43	0,77
1576	Shell-Thin	SLE-ENVE	Max	0	0	0	28,2907	16,0004	-2,4378	77,47	0,77
1576	Shell-Thin	SLE-ENVE	Max	0	0	0	42,7727	21,4657	-2,2756	77,47	2,52
1576	Shell-Thin	SLE-ENVE	Min	0	0	0	33,2322	18,4437	-1,7643	37,95	-1,63
1576	Shell-Thin	SLE-ENVE	Min	0	0	0	20,29	13,2979	-1,9117	37,95	-2,15
1576	Shell-Thin	SLE-ENVE	Min	0	0	0	20,1112	13,1828	-3,1472	36,4	-2,15
1576	Shell-Thin	SLE-ENVE	Min	0	0	0	32,95	18,2616	-2,9998	36,4	-1,63
1577	Shell-Thin	SLU-ENVE	Max	0	0	0	60,3067	30,7657	-2,8026	141,26	0,73
1577	Shell-Thin	SLU-ENVE	Max	0	0	0	39,4994	19,1463	-2,9103	141,26	-0,6
1577	Shell-Thin	SLU-ENVE	Max	0	0	0	40,4682	21,5015	-4,7206	138,33	-0,6
1577	Shell-Thin	SLU-ENVE	Max	0	0	0	60,0184	30,6767	-4,6648	138,33	0,73
1577	Shell-Thin	SLU-ENVE	Min	0	0	0	42,3889	25,1148	-3,6437	90,22	-4,77
1577	Shell-Thin	SLU-ENVE	Min	0	0	0	18,5604	14,7311	-3,6807	90,22	-13,75
1577	Shell-Thin	SLU-ENVE	Min	0	0	0	19,3165	16,3103	-5,9365	85,19	-13,75

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
1577	Shell-Thin	SLU-ENVE	Min	0	0	0	42,0584	24,9004	-5,8995	85,19	-4,77
1577	Shell-Thin	SLE-ENVE	Max	0	0	0	28,4489	16,0485	-1,5566	78,42	0,4
1577	Shell-Thin	SLE-ENVE	Max	0	0	0	16,7643	9,5791	-1,6171	78,42	-0,42
1577	Shell-Thin	SLE-ENVE	Max	0	0	0	17,3047	10,9156	-2,6215	76,76	-0,42
1577	Shell-Thin	SLE-ENVE	Max	0	0	0	28,2876	16,0007	-2,5902	76,76	0,4
1577	Shell-Thin	SLE-ENVE	Min	0	0	0	20,2988	13,2997	-2,0236	50,62	-2,66
1577	Shell-Thin	SLE-ENVE	Min	0	0	0	6,4011	7,4553	-2,0444	50,62	-7,68
1577	Shell-Thin	SLE-ENVE	Min	0	0	0	6,4754	8,2655	-3,2965	47,81	-7,68
1577	Shell-Thin	SLE-ENVE	Min	0	0	0	20,1132	13,1832	-3,2757	47,81	-2,66
1578	Shell-Thin	SLU-ENVE	Max	0	0	0	89,6218	40,5412	-5,3811	141,29	9,88
1578	Shell-Thin	SLU-ENVE	Max	0	0	0	60,0248	30,6968	-5,7756	141,29	6,58
1578	Shell-Thin	SLU-ENVE	Max	0	0	0	59,0793	29,2606	-6,9327	138,47	6,58
1578	Shell-Thin	SLU-ENVE	Max	0	0	0	88,2651	38,9695	-6,5382	138,47	9,88
1578	Shell-Thin	SLU-ENVE	Min	0	0	0	64,7026	34,0772	-7,5068	62,53	7,48
1578	Shell-Thin	SLU-ENVE	Min	0	0	0	42,0577	24,9136	-7,715	62,53	5,06
1578	Shell-Thin	SLU-ENVE	Min	0	0	0	41,9151	23,6299	-9,6461	60,45	5,06
1578	Shell-Thin	SLU-ENVE	Min	0	0	0	64,0024	32,0888	-9,4379	60,45	7,48
1578	Shell-Thin	SLE-ENVE	Max	0	0	0	42,7724	21,4784	-2,987	77,81	5,48
1578	Shell-Thin	SLE-ENVE	Max	0	0	0	28,2911	16,0119	-3,2059	77,81	3,65
1578	Shell-Thin	SLE-ENVE	Max	0	0	0	27,7674	15,2155	-3,848	76,24	3,65
1578	Shell-Thin	SLE-ENVE	Max	0	0	0	42,0193	20,2439	-3,6291	76,24	5,48
1578	Shell-Thin	SLE-ENVE	Min	0	0	0	32,9517	18,2731	-4,1676	35,41	4,14
1578	Shell-Thin	SLE-ENVE	Min	0	0	0	20,1127	13,1907	-4,283	35,41	2,8
1578	Shell-Thin	SLE-ENVE	Min	0	0	0	20,0356	12,4795	-5,3551	34,25	2,8
1578	Shell-Thin	SLE-ENVE	Min	0	0	0	32,5626	17,2285	-5,2396	34,25	4,14
1579	Shell-Thin	SLU-ENVE	Max	0	0	0	60,019	30,6974	-5,9969	138,55	5,62
1579	Shell-Thin	SLU-ENVE	Max	0	0	0	40,4558	21,4396	-6,2161	138,55	6,04
1579	Shell-Thin	SLU-ENVE	Max	0	0	0	40,0514	20,6947	-7,5708	135,38	6,04
1579	Shell-Thin	SLU-ENVE	Max	0	0	0	59,0469	29,2556	-7,3516	135,38	5,62
1579	Shell-Thin	SLU-ENVE	Min	0	0	0	42,0612	24,9143	-7,8443	83,67	4,38
1579	Shell-Thin	SLU-ENVE	Min	0	0	0	19,3078	16,2667	-7,8069	83,67	3,86
1579	Shell-Thin	SLU-ENVE	Min	0	0	0	19,6724	15,0441	-9,6713	81,4	3,86
1579	Shell-Thin	SLU-ENVE	Min	0	0	0	41,8976	23,6264	-9,7087	81,4	4,38
1579	Shell-Thin	SLE-ENVE	Max	0	0	0	28,288	16,0122	-3,3284	76,89	3,11
1579	Shell-Thin	SLE-ENVE	Max	0	0	0	17,2977	10,8806	-3,4497	76,89	3,42
1579	Shell-Thin	SLE-ENVE	Max	0	0	0	17,0725	10,4575	-4,2017	75,14	3,42
1579	Shell-Thin	SLE-ENVE	Max	0	0	0	27,7492	15,2127	-4,0803	75,14	3,11
1579	Shell-Thin	SLE-ENVE	Min	0	0	0	20,1148	13,1911	-4,3544	46,97	2,43
1579	Shell-Thin	SLE-ENVE	Min	0	0	0	6,4736	8,2569	-4,3333	46,97	2,18
1579	Shell-Thin	SLE-ENVE	Min	0	0	0	6,5464	7,3969	-5,3684	45,71	2,18
1579	Shell-Thin	SLE-ENVE	Min	0	0	0	20,0257	12,4775	-5,3895	45,71	2,43
1580	Shell-Thin	SLU-ENVE	Max	0	0	0	88,2655	38,9713	-7,499	137,79	18,3
1580	Shell-Thin	SLU-ENVE	Max	0	0	0	59,0797	29,2653	-7,977	137,79	14,71
1580	Shell-Thin	SLU-ENVE	Max	0	0	0	57,0162	25,8744	-8,8227	131,86	14,71
1580	Shell-Thin	SLU-ENVE	Max	0	0	0	85,8312	34,7953	-8,3447	131,86	18,3
1580	Shell-Thin	SLU-ENVE	Min	0	0	0	64,0034	32,0938	-11,2801	59,21	14,07
1580	Shell-Thin	SLU-ENVE	Min	0	0	0	41,9156	23,6323	-11,3666	59,21	10,59
1580	Shell-Thin	SLU-ENVE	Min	0	0	0	41,6102	20,9057	-13,08	60,88	10,59
1580	Shell-Thin	SLU-ENVE	Min	0	0	0	63,4183	28,4974	-12,8794	60,88	14,07
1580	Shell-Thin	SLE-ENVE	Max	0	0	0	42,0195	20,2449	-4,1621	75,86	10,14
1580	Shell-Thin	SLE-ENVE	Max	0	0	0	27,7676	15,2182	-4,4276	75,86	8,17
1580	Shell-Thin	SLE-ENVE	Max	0	0	0	26,6204	13,3359	-4,8969	72,58	8,17

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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
1580	Shell-Thin	SLE-ENVE	Max	0	0	0	40,6701	17,9301	-4,6314	72,58	10,14
1580	Shell-Thin	SLE-ENVE	Min	0	0	0	32,5631	17,2312	-6,2624	33,56	7,81
1580	Shell-Thin	SLE-ENVE	Min	0	0	0	20,0359	12,4808	-6,3104	33,56	5,88
1580	Shell-Thin	SLE-ENVE	Min	0	0	0	19,8646	10,9676	-7,2582	34,5	5,88
1580	Shell-Thin	SLE-ENVE	Min	0	0	0	32,2396	15,1722	-7,1503	34,5	7,81
1581	Shell-Thin	SLU-ENVE	Max	0	0	0	59,0473	29,2603	-8,4538	134,58	15,28
1581	Shell-Thin	SLU-ENVE	Max	0	0	0	40,0477	20,6762	-9,0765	134,58	9,18
1581	Shell-Thin	SLU-ENVE	Max	0	0	0	38,1408	19,0045	-10,1243	128,86	9,18
1581	Shell-Thin	SLU-ENVE	Max	0	0	0	56,9916	25,8716	-9,5016	128,86	15,28
1581	Shell-Thin	SLU-ENVE	Min	0	0	0	41,8981	23,6288	-11,4783	80,19	10,44
1581	Shell-Thin	SLU-ENVE	Min	0	0	0	19,6698	15,0309	-11,5423	80,19	4,2
1581	Shell-Thin	SLU-ENVE	Min	0	0	0	19,7397	13,8655	-13,0769	79,59	4,2
1581	Shell-Thin	SLU-ENVE	Min	0	0	0	41,6025	20,9042	-13,1816	79,59	10,44
1581	Shell-Thin	SLE-ENVE	Max	0	0	0	27,7494	15,2154	-4,6928	74,7	8,49
1581	Shell-Thin	SLE-ENVE	Max	0	0	0	17,0704	10,4472	-5,0394	74,7	5,06
1581	Shell-Thin	SLE-ENVE	Max	0	0	0	16,0108	9,5292	-5,621	71,52	5,06
1581	Shell-Thin	SLE-ENVE	Max	0	0	0	26,6069	13,3344	-5,2744	71,52	8,49
1581	Shell-Thin	SLE-ENVE	Min	0	0	0	20,0259	12,4788	-6,3727	45,04	5,8
1581	Shell-Thin	SLE-ENVE	Min	0	0	0	6,546	7,3947	-6,4088	45,04	2,27
1581	Shell-Thin	SLE-ENVE	Min	0	0	0	6,8185	6,5424	-7,2585	44,71	2,27
1581	Shell-Thin	SLE-ENVE	Min	0	0	0	19,8604	10,9667	-7,3155	44,71	5,8
1582	Shell-Thin	SLU-ENVE	Max	0	0	0	85,8324	34,8012	-9,0702	129,69	30,91
1582	Shell-Thin	SLU-ENVE	Max	0	0	0	57,0162	25,8631	-9,535	129,69	26,05
1582	Shell-Thin	SLU-ENVE	Max	0	0	0	56,1679	20,7915	-10,2601	118,31	26,05
1582	Shell-Thin	SLU-ENVE	Max	0	0	0	82,1731	27,988	-9,7953	118,31	30,91
1582	Shell-Thin	SLU-ENVE	Min	0	0	0	63,4167	28,4896	-14,4613	60,39	18,02
1582	Shell-Thin	SLU-ENVE	Min	0	0	0	41,6084	20,8963	-14,8899	60,39	14,82
1582	Shell-Thin	SLU-ENVE	Min	0	0	0	41,5371	16,9469	-16,3248	64,9	14,82
1582	Shell-Thin	SLU-ENVE	Min	0	0	0	62,9232	23,4357	-15,8962	64,9	18,02
1582	Shell-Thin	SLE-ENVE	Max	0	0	0	40,6708	17,9334	-5,0343	71,38	17,14
1582	Shell-Thin	SLE-ENVE	Max	0	0	0	26,6204	13,3296	-5,2919	71,38	14,47
1582	Shell-Thin	SLE-ENVE	Max	0	0	0	26,0085	10,5139	-5,6946	65,05	14,47
1582	Shell-Thin	SLE-ENVE	Max	0	0	0	38,7431	14,535	-5,437	65,05	17,14
1582	Shell-Thin	SLE-ENVE	Min	0	0	0	32,2387	15,169	-8,0255	34,23	10
1582	Shell-Thin	SLE-ENVE	Min	0	0	0	19,8635	10,9622	-8,2626	34,23	8,23
1582	Shell-Thin	SLE-ENVE	Min	0	0	0	19,8267	8,7691	-9,0599	36,73	8,23
1582	Shell-Thin	SLE-ENVE	Min	0	0	0	31,9655	12,0451	-8,8228	36,73	10
1583	Shell-Thin	SLU-ENVE	Max	0	0	0	56,9916	25,8603	-10,1682	126,64	27,66
1583	Shell-Thin	SLU-ENVE	Max	0	0	0	38,1538	19,0696	-11,0402	126,64	30,4
1583	Shell-Thin	SLU-ENVE	Max	0	0	0	34,2366	13,0505	-11,8474	120,77	30,4
1583	Shell-Thin	SLU-ENVE	Max	0	0	0	56,1689	20,7917	-10,9754	120,77	27,66
1583	Shell-Thin	SLU-ENVE	Min	0	0	0	41,6006	20,8948	-14,9099	78,58	15,04
1583	Shell-Thin	SLU-ENVE	Min	0	0	0	19,749	13,9121	-14,6156	78,58	11,8
1583	Shell-Thin	SLU-ENVE	Min	0	0	0	19,1001	9,794	-15,9805	82,96	11,8
1583	Shell-Thin	SLU-ENVE	Min	0	0	0	41,5384	16,9471	-16,2748	82,96	15,04
1583	Shell-Thin	SLE-ENVE	Max	0	0	0	26,6069	13,3281	-5,6433	70,28	15,36
1583	Shell-Thin	SLE-ENVE	Max	0	0	0	16,0181	9,5659	-6,1274	70,28	16,93
1583	Shell-Thin	SLE-ENVE	Max	0	0	0	13,8391	6,1963	-6,5752	67,06	16,93
1583	Shell-Thin	SLE-ENVE	Max	0	0	0	26,0091	10,514	-6,0911	67,06	15,36
1583	Shell-Thin	SLE-ENVE	Min	0	0	0	19,8594	10,9614	-8,273	44,15	8,35
1583	Shell-Thin	SLE-ENVE	Min	0	0	0	6,8213	6,5563	-8,1092	44,15	6,62
1583	Shell-Thin	SLE-ENVE	Min	0	0	0	7,0005	4,7168	-8,8666	46,6	6,62

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
1583	Shell-Thin	SLE-ENVE	Min	0	0	0	19,8274	8,7693	-9,0305	46,6	8,35
1584	Shell-Thin	SLU-ENVE	Max	0	0	0	82,1753	27,9632	-10,5023	114,98	32,86
1584	Shell-Thin	SLU-ENVE	Max	0	0	0	56,1664	20,7836	-11,0602	114,98	27,41
1584	Shell-Thin	SLU-ENVE	Max	0	0	0	55,3164	15,4677	-11,8231	103,2	27,41
1584	Shell-Thin	SLU-ENVE	Max	0	0	0	78,2236	21,6707	-11,2652	103,2	32,86
1584	Shell-Thin	SLU-ENVE	Min	0	0	0	62,9196	23,4155	-16,8874	65,02	19,54
1584	Shell-Thin	SLU-ENVE	Min	0	0	0	41,536	16,9417	-17,3896	65,02	15,75
1584	Shell-Thin	SLU-ENVE	Min	0	0	0	41,315	12,2192	-17,9899	70,07	15,75
1584	Shell-Thin	SLU-ENVE	Min	0	0	0	62,3227	17,4299	-17,6278	70,07	19,54
1584	Shell-Thin	SLE-ENVE	Max	0	0	0	38,7403	14,5212	-5,8299	63,21	18,21
1584	Shell-Thin	SLE-ENVE	Max	0	0	0	26,0077	10,5096	-6,1395	63,21	15,22
1584	Shell-Thin	SLE-ENVE	Max	0	0	0	25,5362	7,5601	-6,5637	56,68	15,22
1584	Shell-Thin	SLE-ENVE	Max	0	0	0	38,0783	11,0302	-6,2541	56,68	18,21
1584	Shell-Thin	SLE-ENVE	Min	0	0	0	31,9635	12,0338	-9,374	36,8	10,84
1584	Shell-Thin	SLE-ENVE	Min	0	0	0	19,8261	8,7665	-9,6527	36,8	8,73
1584	Shell-Thin	SLE-ENVE	Min	0	0	0	19,7028	5,7824	-9,9873	39,61	8,73
1584	Shell-Thin	SLE-ENVE	Min	0	0	0	31,6339	8,7123	-9,7889	39,61	10,84
1585	Shell-Thin	SLU-ENVE	Max	0	0	0	56,1673	20,7838	-11,815	118,21	28,99
1585	Shell-Thin	SLU-ENVE	Max	0	0	0	34,229	12,9817	-12,7732	118,21	27,69
1585	Shell-Thin	SLU-ENVE	Max	0	0	0	30,554	8,3952	-13,6016	110,49	27,69
1585	Shell-Thin	SLU-ENVE	Max	0	0	0	55,3408	15,4726	-12,6433	110,49	28,99
1585	Shell-Thin	SLU-ENVE	Min	0	0	0	41,5374	16,942	-17,3675	83,09	15,84
1585	Shell-Thin	SLU-ENVE	Min	0	0	0	19,0885	9,736	-17,0684	83,09	9,51
1585	Shell-Thin	SLU-ENVE	Min	0	0	0	18,6982	6,3402	-17,7845	85,94	9,51
1585	Shell-Thin	SLU-ENVE	Min	0	0	0	41,3323	12,2252	-18,0836	85,94	15,84
1585	Shell-Thin	SLE-ENVE	Max	0	0	0	26,0082	10,5097	-6,5586	65,65	16,09
1585	Shell-Thin	SLE-ENVE	Max	0	0	0	13,8346	6,1572	-7,0909	65,65	15,35
1585	Shell-Thin	SLE-ENVE	Max	0	0	0	11,71	3,6167	-7,552	61,35	15,35
1585	Shell-Thin	SLE-ENVE	Max	0	0	0	25,5497	7,5628	-7,0196	61,35	16,09
1585	Shell-Thin	SLE-ENVE	Min	0	0	0	19,8269	8,7666	-9,6401	46,68	8,79
1585	Shell-Thin	SLE-ENVE	Min	0	0	0	6,9937	4,6829	-9,474	46,68	5,21
1585	Shell-Thin	SLE-ENVE	Min	0	0	0	6,7801	2,4914	-9,8741	48,26	5,21
1585	Shell-Thin	SLE-ENVE	Min	0	0	0	19,7124	5,7857	-10,0401	48,26	8,79
1602	Shell-Thin	SLU-ENVE	Max	0	0	0	149,4741	50,1897	-2,3968	-2,68	-23,1
1602	Shell-Thin	SLU-ENVE	Max	0	0	0	154,0334	51,8902	-1,5549	-2,68	-29,03
1602	Shell-Thin	SLU-ENVE	Max	0	0	0	167,592	73,3632	-1,404	8,74	-29,03
1602	Shell-Thin	SLU-ENVE	Max	0	0	0	162,8221	71,0771	-2,2459	8,74	-23,1
1602	Shell-Thin	SLU-ENVE	Min	0	0	0	92,7785	31,24	-8,6845	-60,67	-49,46
1602	Shell-Thin	SLU-ENVE	Min	0	0	0	107,0273	35,1671	-7,9497	-60,67	-50,63
1602	Shell-Thin	SLU-ENVE	Min	0	0	0	114,6548	48,2147	-6,1133	-74,97	-50,63
1602	Shell-Thin	SLU-ENVE	Min	0	0	0	96,8301	41,3198	-6,8481	-74,97	-49,46
1602	Shell-Thin	SLE-ENVE	Max	0	0	0	78,8247	27,0389	-1,3293	-1,25	-12,82
1602	Shell-Thin	SLE-ENVE	Max	0	0	0	81,6815	28,0488	-0,8622	-1,25	-16,11
1602	Shell-Thin	SLE-ENVE	Max	0	0	0	89,2104	39,9688	-0,7785	5,1	-16,11
1602	Shell-Thin	SLE-ENVE	Max	0	0	0	86,2365	38,6341	-1,2456	5,1	-12,82
1602	Shell-Thin	SLE-ENVE	Min	0	0	0	49,4518	16,9371	-4,8227	-32,05	-27,46
1602	Shell-Thin	SLE-ENVE	Min	0	0	0	56,9548	19,036	-4,4148	-32,05	-28,11
1602	Shell-Thin	SLE-ENVE	Min	0	0	0	61,1895	26,2768	-3,3949	-40	-28,11
1602	Shell-Thin	SLE-ENVE	Min	0	0	0	51,7001	22,5295	-3,8028	-40	-27,46
1603	Shell-Thin	SLU-ENVE	Max	0	0	0	154,0325	51,89	-0,8862	6,55	-31,37
1603	Shell-Thin	SLU-ENVE	Max	0	0	0	152,4391	51,7034	0,8404	6,55	-30,41
1603	Shell-Thin	SLU-ENVE	Max	0	0	0	165,2543	72,6648	0,8076	10,18	-30,41

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
1603	Shell-Thin	SLU-ENVE	Max	0	0	0	167,6035	73,3655	-0,8559	10,18	-31,37
1603	Shell-Thin	SLU-ENVE	Min	0	0	0	107,0239	35,1664	-6,6773	-46,34	-50,35
1603	Shell-Thin	SLU-ENVE	Min	0	0	0	117,9246	38,0328	-5,3468	-46,34	-49,28
1603	Shell-Thin	SLU-ENVE	Min	0	0	0	128,8335	53,651	-3,9773	-59,6	-49,28
1603	Shell-Thin	SLU-ENVE	Min	0	0	0	114,6194	48,2076	-5,3078	-59,6	-50,35
1603	Shell-Thin	SLE-ENVE	Max	0	0	0	81,681	28,0487	-0,4914	2,17	-17,39
1603	Shell-Thin	SLE-ENVE	Max	0	0	0	81,1619	28,0186	0,4663	2,17	-16,85
1603	Shell-Thin	SLE-ENVE	Max	0	0	0	88,278	39,6542	0,4483	4,19	-16,85
1603	Shell-Thin	SLE-ENVE	Max	0	0	0	89,2167	39,9701	-0,4746	4,19	-17,39
1603	Shell-Thin	SLE-ENVE	Min	0	0	0	56,953	19,0356	-3,7081	-23,87	-27,95
1603	Shell-Thin	SLE-ENVE	Min	0	0	0	62,5404	20,5341	-2,9692	-23,87	-27,35
1603	Shell-Thin	SLE-ENVE	Min	0	0	0	68,5979	29,2028	-2,2087	-31,23	-27,35
1603	Shell-Thin	SLE-ENVE	Min	0	0	0	61,1699	26,2729	-2,9476	-31,23	-27,95
1604	Shell-Thin	SLU-ENVE	Max	0	0	0	162,8181	71,0568	-2,0971	7,91	-5,22
1604	Shell-Thin	SLU-ENVE	Max	0	0	0	167,5854	73,3301	-1,6014	7,91	-4,48
1604	Shell-Thin	SLU-ENVE	Max	0	0	0	171,7299	74,6673	-0,8675	5,04	-4,48
1604	Shell-Thin	SLU-ENVE	Max	0	0	0	166,3543	72,1701	-1,5242	5,04	-5,22
1604	Shell-Thin	SLU-ENVE	Min	0	0	0	96,8227	41,2826	-4,1833	-75,66	-7,46
1604	Shell-Thin	SLU-ENVE	Min	0	0	0	114,6499	48,1901	-3,7336	-75,66	-11,38
1604	Shell-Thin	SLU-ENVE	Min	0	0	0	117,2253	49,5332	-1,5857	-75,68	-11,38
1604	Shell-Thin	SLU-ENVE	Min	0	0	0	99,3929	44,0835	-2,2584	-75,68	-7,46
1604	Shell-Thin	SLE-ENVE	Max	0	0	0	86,2343	38,6228	-1,1636	4,64	-2,9
1604	Shell-Thin	SLE-ENVE	Max	0	0	0	89,2067	39,9504	-0,8885	4,64	-2,49
1604	Shell-Thin	SLE-ENVE	Max	0	0	0	91,5078	40,6907	-0,4819	3,05	-2,49
1604	Shell-Thin	SLE-ENVE	Max	0	0	0	88,1974	39,2389	-0,846	3,05	-2,9
1604	Shell-Thin	SLE-ENVE	Min	0	0	0	51,696	22,5089	-2,3229	-40,38	-4,14
1604	Shell-Thin	SLE-ENVE	Min	0	0	0	61,1868	26,2632	-2,0732	-40,38	-6,31
1604	Shell-Thin	SLE-ENVE	Min	0	0	0	62,6164	27,0073	-0,8805	-40,39	-6,31
1604	Shell-Thin	SLE-ENVE	Min	0	0	0	53,1227	24,063	-1,254	-40,39	-4,14
1605	Shell-Thin	SLU-ENVE	Max	0	0	0	167,5968	73,3324	-0,6532	10,07	-4,67
1605	Shell-Thin	SLU-ENVE	Max	0	0	0	165,2458	72,6219	0,1706	10,07	-1,62
1605	Shell-Thin	SLU-ENVE	Max	0	0	0	169,5024	74,5153	0,1981	8,84	-1,62
1605	Shell-Thin	SLU-ENVE	Max	0	0	0	171,7217	74,6657	-0,6257	8,84	-4,67
1605	Shell-Thin	SLU-ENVE	Min	0	0	0	114,6145	48,183	-2,9493	-60,01	-11,42
1605	Shell-Thin	SLU-ENVE	Min	0	0	0	128,8324	53,6455	-2,4565	-60,01	-12,85
1605	Shell-Thin	SLU-ENVE	Min	0	0	0	131,1812	53,4716	-0,8873	-58,94	-12,85
1605	Shell-Thin	SLU-ENVE	Min	0	0	0	117,232	49,5346	-1,3801	-58,94	-11,42
1605	Shell-Thin	SLE-ENVE	Max	0	0	0	89,213	39,9517	-0,3629	4,13	-2,59
1605	Shell-Thin	SLE-ENVE	Max	0	0	0	88,2732	39,6303	0,0946	4,13	-0,9
1605	Shell-Thin	SLE-ENVE	Max	0	0	0	90,6366	40,6796	0,1099	3,44	-0,9
1605	Shell-Thin	SLE-ENVE	Max	0	0	0	91,5032	40,6898	-0,3476	3,44	-2,59
1605	Shell-Thin	SLE-ENVE	Min	0	0	0	61,1671	26,2593	-1,6377	-31,46	-6,33
1605	Shell-Thin	SLE-ENVE	Min	0	0	0	68,5973	29,1998	-1,3641	-31,46	-7,13
1605	Shell-Thin	SLE-ENVE	Min	0	0	0	69,901	29,101	-0,4927	-30,87	-7,13
1605	Shell-Thin	SLE-ENVE	Min	0	0	0	62,6202	27,008	-0,7663	-30,87	-6,33
1636	Shell-Thin	SLU-ENVE	Max	0	0	0	149,4674	50,2083	9,5891	60,22	-37,08
1636	Shell-Thin	SLU-ENVE	Max	0	0	0	138,5776	46,6605	10,8004	60,22	-33,45
1636	Shell-Thin	SLU-ENVE	Max	0	0	0	150,1886	65,6999	8,7031	66,73	-33,45
1636	Shell-Thin	SLU-ENVE	Max	0	0	0	162,6946	71,077	7,4919	66,73	-37,08
1636	Shell-Thin	SLU-ENVE	Min	0	0	0	119,59	38,3787	3,6308	17,77	-48,76
1636	Shell-Thin	SLU-ENVE	Min	0	0	0	110,3774	35,8577	4,9071	17,77	-45,1
1636	Shell-Thin	SLU-ENVE	Min	0	0	0	118,4618	49,8299	4,0933	6,88	-45,1

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
1636	Shell-Thin	SLU-ENVE	Min	0	0	0	130,7177	54,455	2,718	6,88	-48,76
1636	Shell-Thin	SLE-ENVE	Max	0	0	0	78,821	27,0492	5,3251	32,9	-20,56
1636	Shell-Thin	SLE-ENVE	Max	0	0	0	72,4897	25,0216	5,9978	32,9	-18,57
1636	Shell-Thin	SLE-ENVE	Max	0	0	0	78,9366	35,5909	4,8329	36,52	-18,57
1636	Shell-Thin	SLE-ENVE	Max	0	0	0	86,1656	38,634	4,1603	36,52	-20,56
1636	Shell-Thin	SLE-ENVE	Min	0	0	0	62,6572	20,5636	2,0142	9,47	-27,07
1636	Shell-Thin	SLE-ENVE	Min	0	0	0	57,1988	19,0946	2,7226	9,47	-25,04
1636	Shell-Thin	SLE-ENVE	Min	0	0	0	61,6868	26,8503	2,2729	3,41	-25,04
1636	Shell-Thin	SLE-ENVE	Min	0	0	0	68,8358	29,4875	1,5093	3,41	-27,07
1637	Shell-Thin	SLU-ENVE	Max	0	0	0	138,5816	46,6613	12,118	77,48	-31,26
1637	Shell-Thin	SLU-ENVE	Max	0	0	0	123,9663	41,3558	12,9573	77,48	-26,35
1637	Shell-Thin	SLU-ENVE	Max	0	0	0	135,1963	57,1753	10,3567	89,69	-26,35
1637	Shell-Thin	SLU-ENVE	Max	0	0	0	150,2104	65,7043	9,5174	89,69	-31,26
1637	Shell-Thin	SLU-ENVE	Min	0	0	0	110,3807	35,8584	6,6159	45,89	-43,29
1637	Shell-Thin	SLU-ENVE	Min	0	0	0	97,4898	32,2043	7,4404	45,89	-39,88
1637	Shell-Thin	SLU-ENVE	Min	0	0	0	102,388	43,732	5,7908	44,08	-39,88
1637	Shell-Thin	SLU-ENVE	Min	0	0	0	118,4988	49,8373	4,9663	44,08	-43,29
1637	Shell-Thin	SLE-ENVE	Max	0	0	0	72,4919	25,022	6,7295	42,89	-17,35
1637	Shell-Thin	SLE-ENVE	Max	0	0	0	62,6129	22,0264	7,1955	42,89	-14,63
1637	Shell-Thin	SLE-ENVE	Max	0	0	0	67,6817	30,808	5,751	50,78	-14,63
1637	Shell-Thin	SLE-ENVE	Max	0	0	0	78,9487	35,5933	5,285	50,78	-17,35
1637	Shell-Thin	SLE-ENVE	Min	0	0	0	57,2007	19,095	3,6739	24,93	-24,03
1637	Shell-Thin	SLE-ENVE	Min	0	0	0	49,7416	17,0051	4,1315	24,93	-22,12
1637	Shell-Thin	SLE-ENVE	Min	0	0	0	52,4596	23,4037	3,2152	23,92	-22,12
1637	Shell-Thin	SLE-ENVE	Min	0	0	0	61,7074	26,8544	2,7576	23,92	-24,03
1638	Shell-Thin	SLU-ENVE	Max	0	0	0	162,6899	71,0536	5,1556	67,9	-2,21
1638	Shell-Thin	SLU-ENVE	Max	0	0	0	150,1849	65,6813	5,6695	67,9	-3,53
1638	Shell-Thin	SLU-ENVE	Max	0	0	0	153,2364	67,2127	2,979	71,97	-3,53
1638	Shell-Thin	SLU-ENVE	Max	0	0	0	166,424	72,1909	2,4651	71,97	-2,21
1638	Shell-Thin	SLU-ENVE	Min	0	0	0	130,7161	54,4471	1,5377	7,99	-7,86
1638	Shell-Thin	SLU-ENVE	Min	0	0	0	118,4554	49,7976	2,0647	7,99	-7,22
1638	Shell-Thin	SLU-ENVE	Min	0	0	0	121,3997	51,5684	0,9123	11,22	-7,22
1638	Shell-Thin	SLU-ENVE	Min	0	0	0	133,1944	54,4957	0,3853	11,22	-7,86
1638	Shell-Thin	SLE-ENVE	Max	0	0	0	86,163	38,621	2,8628	37,17	-1,22
1638	Shell-Thin	SLE-ENVE	Max	0	0	0	78,9345	35,5806	3,1482	37,17	-1,95
1638	Shell-Thin	SLE-ENVE	Max	0	0	0	80,6284	36,4292	1,6542	39,42	-1,95
1638	Shell-Thin	SLE-ENVE	Max	0	0	0	88,2362	39,2504	1,3689	39,42	-1,22
1638	Shell-Thin	SLE-ENVE	Min	0	0	0	68,8349	29,4832	0,8537	4,03	-4,36
1638	Shell-Thin	SLE-ENVE	Min	0	0	0	61,6832	26,8324	1,1462	4,03	-4,01
1638	Shell-Thin	SLE-ENVE	Min	0	0	0	63,3177	27,8145	0,5064	5,82	-4,01
1638	Shell-Thin	SLE-ENVE	Min	0	0	0	70,2105	29,5083	0,2138	5,82	-4,36
1639	Shell-Thin	SLU-ENVE	Max	0	0	0	150,2067	65,6857	6,3958	90,77	-3,41
1639	Shell-Thin	SLU-ENVE	Max	0	0	0	135,1963	57,1407	6,7712	90,77	-1,18
1639	Shell-Thin	SLU-ENVE	Max	0	0	0	137,4885	59,9185	3,4645	91,38	-1,18
1639	Shell-Thin	SLU-ENVE	Max	0	0	0	153,2364	67,2127	3,0892	91,38	-3,41
1639	Shell-Thin	SLU-ENVE	Min	0	0	0	118,4924	49,805	2,9258	45,33	-6,66
1639	Shell-Thin	SLU-ENVE	Min	0	0	0	102,3767	43,6757	3,463	45,33	-8,77
1639	Shell-Thin	SLU-ENVE	Min	0	0	0	105,6522	46,9887	1,6561	46,21	-8,77
1639	Shell-Thin	SLU-ENVE	Min	0	0	0	121,3886	51,5662	1,119	46,21	-6,66
1639	Shell-Thin	SLE-ENVE	Max	0	0	0	78,9466	35,583	3,5514	51,38	-1,89
1639	Shell-Thin	SLE-ENVE	Max	0	0	0	67,6817	30,7888	3,7598	51,38	-0,65
1639	Shell-Thin	SLE-ENVE	Max	0	0	0	68,9529	32,3303	1,9237	50,95	-0,65

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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
1639	Shell-Thin	SLE-ENVE	Max	0	0	0	80,6284	36,4292	1,7153	50,95	-1,89
1639	Shell-Thin	SLE-ENVE	Min	0	0	0	61,7038	26,8365	1,6243	24,61	-3,7
1639	Shell-Thin	SLE-ENVE	Min	0	0	0	52,4534	23,3724	1,9225	24,61	-4,87
1639	Shell-Thin	SLE-ENVE	Min	0	0	0	54,2719	25,2117	0,9194	25,1	-4,87
1639	Shell-Thin	SLE-ENVE	Min	0	0	0	63,3115	27,8133	0,6211	25,1	-3,7
1654	Shell-Thin	SLU-ENVE	Max	0	0	0	166,3856	72,3262	-0,3745	3,49	0,56
1654	Shell-Thin	SLU-ENVE	Max	0	0	0	171,7598	74,8167	-0,3474	3,49	0,47
1654	Shell-Thin	SLU-ENVE	Max	0	0	0	171,7999	74,6732	0,366	3,36	0,47
1654	Shell-Thin	SLU-ENVE	Max	0	0	0	166,4129	72,1582	0,3425	3,36	0,56
1654	Shell-Thin	SLU-ENVE	Min	0	0	0	99,3952	44,0953	-0,5624	-74,53	-0,27
1654	Shell-Thin	SLU-ENVE	Min	0	0	0	117,2405	49,6095	-0,5389	-74,53	-0,37
1654	Shell-Thin	SLU-ENVE	Min	0	0	0	117,2667	49,5466	0,247	-74,46	-0,37
1654	Shell-Thin	SLU-ENVE	Min	0	0	0	99,4389	44,1489	0,22	-74,46	-0,27
1654	Shell-Thin	SLE-ENVE	Max	0	0	0	88,2148	39,3256	-0,2081	2,18	0,31
1654	Shell-Thin	SLE-ENVE	Max	0	0	0	91,5244	40,7736	-0,193	2,18	0,25
1654	Shell-Thin	SLE-ENVE	Max	0	0	0	91,547	40,6948	0,2031	2,11	0,25
1654	Shell-Thin	SLE-ENVE	Max	0	0	0	88,2303	39,2331	0,19	2,11	0,31
1654	Shell-Thin	SLE-ENVE	Min	0	0	0	53,124	24,0696	-0,3124	-39,75	-0,16
1654	Shell-Thin	SLE-ENVE	Min	0	0	0	62,6249	27,0496	-0,2993	-39,75	-0,21
1654	Shell-Thin	SLE-ENVE	Min	0	0	0	62,6396	27,0155	0,1371	-39,71	-0,21
1654	Shell-Thin	SLE-ENVE	Min	0	0	0	53,1485	24,1002	0,122	-39,71	-0,16
1655	Shell-Thin	SLU-ENVE	Max	0	0	0	171,7515	74,815	-0,0835	8,42	0,46
1655	Shell-Thin	SLU-ENVE	Max	0	0	0	169,5286	74,6411	-0,0552	8,42	0,64
1655	Shell-Thin	SLU-ENVE	Max	0	0	0	169,5728	74,545	0,182	8,38	0,64
1655	Shell-Thin	SLU-ENVE	Max	0	0	0	171,79	74,6712	0,1633	8,38	0,46
1655	Shell-Thin	SLU-ENVE	Min	0	0	0	117,2473	49,6108	-0,3156	-57,76	-0,36
1655	Shell-Thin	SLU-ENVE	Min	0	0	0	131,2086	53,6087	-0,2969	-57,76	-0,44
1655	Shell-Thin	SLU-ENVE	Min	0	0	0	131,2204	53,4306	0,0675	-57,69	-0,44
1655	Shell-Thin	SLU-ENVE	Min	0	0	0	117,2771	49,5486	0,0392	-57,69	-0,36
1655	Shell-Thin	SLE-ENVE	Max	0	0	0	91,5198	40,7727	-0,0464	3,21	0,25
1655	Shell-Thin	SLE-ENVE	Max	0	0	0	90,6512	40,7494	-0,0307	3,21	0,35
1655	Shell-Thin	SLE-ENVE	Max	0	0	0	90,6761	40,6969	0,101	3,19	0,35
1655	Shell-Thin	SLE-ENVE	Max	0	0	0	91,5414	40,6937	0,0906	3,19	0,25
1655	Shell-Thin	SLE-ENVE	Min	0	0	0	62,6286	27,0504	-0,1753	-30,21	-0,21
1655	Shell-Thin	SLE-ENVE	Min	0	0	0	69,9162	29,1772	-0,1649	-30,21	-0,25
1655	Shell-Thin	SLE-ENVE	Min	0	0	0	69,9229	29,079	0,0375	-30,17	-0,25
1655	Shell-Thin	SLE-ENVE	Min	0	0	0	62,6454	27,0166	0,0218	-30,17	-0,21
1656	Shell-Thin	SLU-ENVE	Max	0	0	0	166,4107	72,1469	1,4785	4,24	3,7
1656	Shell-Thin	SLU-ENVE	Max	0	0	0	171,7989	74,6682	1,0632	4,24	6,06
1656	Shell-Thin	SLU-ENVE	Max	0	0	0	170,9522	76,1109	2,0173	6,93	6,06
1656	Shell-Thin	SLU-ENVE	Max	0	0	0	165,8633	73,7089	2,4327	6,93	3,7
1656	Shell-Thin	SLU-ENVE	Min	0	0	0	99,4413	44,1607	1,0387	-75,25	-4,59
1656	Shell-Thin	SLU-ENVE	Min	0	0	0	117,2667	49,5464	0,6231	-75,25	-4,11
1656	Shell-Thin	SLU-ENVE	Min	0	0	0	116,6757	50,1102	1,2122	-76,65	-4,11
1656	Shell-Thin	SLU-ENVE	Min	0	0	0	98,5011	43,5535	1,6053	-76,65	-4,59
1656	Shell-Thin	SLE-ENVE	Max	0	0	0	88,229	39,2268	0,8208	2,6	2,05
1656	Shell-Thin	SLE-ENVE	Max	0	0	0	91,5464	40,692	0,5902	2,6	3,35
1656	Shell-Thin	SLE-ENVE	Max	0	0	0	91,0769	41,4958	1,12	4,09	3,35
1656	Shell-Thin	SLE-ENVE	Max	0	0	0	87,9258	40,0968	1,3506	4,09	2,05
1656	Shell-Thin	SLE-ENVE	Min	0	0	0	53,1498	24,1067	0,5767	-40,15	-2,56
1656	Shell-Thin	SLE-ENVE	Min	0	0	0	62,6396	27,0154	0,346	-40,15	-2,29
1656	Shell-Thin	SLE-ENVE	Min	0	0	0	62,312	27,3306	0,6732	-40,93	-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
1656	Shell-Thin	SLE-ENVE	Min	0	0	0	52,628	23,7713	0,8905	-40,93	-2,56
1657	Shell-Thin	SLU-ENVE	Max	0	0	0	171,789	74,6662	0,815	8,63	6,32
1657	Shell-Thin	SLU-ENVE	Max	0	0	0	169,5731	74,5463	0,5374	8,63	8,01
1657	Shell-Thin	SLU-ENVE	Max	0	0	0	168,6089	75,5782	1,2141	9,63	8,01
1657	Shell-Thin	SLU-ENVE	Max	0	0	0	170,957	76,1118	1,474	9,63	6,32
1657	Shell-Thin	SLU-ENVE	Min	0	0	0	117,2771	49,5485	0,4229	-58,47	-3,78
1657	Shell-Thin	SLU-ENVE	Min	0	0	0	131,2178	53,4179	-0,0783	-58,47	-5,9
1657	Shell-Thin	SLU-ENVE	Min	0	0	0	131,052	55,1524	-0,0212	-60,3	-5,9
1657	Shell-Thin	SLU-ENVE	Min	0	0	0	116,654	50,1059	0,48	-60,3	-3,78
1657	Shell-Thin	SLE-ENVE	Max	0	0	0	91,5409	40,6909	0,4524	3,33	3,49
1657	Shell-Thin	SLE-ENVE	Max	0	0	0	90,6763	40,6977	0,2983	3,33	4,43
1657	Shell-Thin	SLE-ENVE	Max	0	0	0	90,1414	41,2733	0,674	3,88	4,43
1657	Shell-Thin	SLE-ENVE	Max	0	0	0	91,0796	41,4964	0,8182	3,88	3,49
1657	Shell-Thin	SLE-ENVE	Min	0	0	0	62,6454	27,0165	0,2349	-30,61	-2,11
1657	Shell-Thin	SLE-ENVE	Min	0	0	0	69,9215	29,072	-0,0434	-30,61	-3,29
1657	Shell-Thin	SLE-ENVE	Min	0	0	0	69,8301	30,0376	-0,0116	-31,62	-3,29
1657	Shell-Thin	SLE-ENVE	Min	0	0	0	62,2999	27,3282	0,2666	-31,62	-2,11
1658	Shell-Thin	SLU-ENVE	Max	0	0	0	166,4537	72,3392	0,7718	71,72	0,61
1658	Shell-Thin	SLU-ENVE	Max	0	0	0	153,2638	67,3499	0,7901	71,72	0,59
1658	Shell-Thin	SLU-ENVE	Max	0	0	0	153,2763	67,2013	-0,0541	71,84	0,59
1658	Shell-Thin	SLU-ENVE	Max	0	0	0	166,4926	72,189	-0,0715	71,84	0,61
1658	Shell-Thin	SLU-ENVE	Min	0	0	0	133,2222	54,6347	0,164	12,85	0,01123
1658	Shell-Thin	SLU-ENVE	Min	0	0	0	121,4156	51,6477	0,1814	12,85	0,11
1658	Shell-Thin	SLU-ENVE	Min	0	0	0	121,445	51,6021	-0,4928	13	0,11
1658	Shell-Thin	SLU-ENVE	Min	0	0	0	133,2332	54,4646	-0,5111	13	0,01123
1658	Shell-Thin	SLE-ENVE	Max	0	0	0	88,2526	39,3328	0,4286	39,29	0,34
1658	Shell-Thin	SLE-ENVE	Max	0	0	0	80,6436	36,5054	0,4388	39,29	0,32
1658	Shell-Thin	SLE-ENVE	Max	0	0	0	80,6508	36,4237	-0,0299	39,36	0,32
1658	Shell-Thin	SLE-ENVE	Max	0	0	0	88,2745	39,2501	-0,0396	39,36	0,34
1658	Shell-Thin	SLE-ENVE	Min	0	0	0	70,2259	29,5854	0,0911	6,73	-
											0,0006552
1658	Shell-Thin	SLE-ENVE	Min	0	0	0	63,3265	27,8585	0,1008	6,73	0,05976
1658	Shell-Thin	SLE-ENVE	Min	0	0	0	63,343	27,8339	-0,2735	6,81	0,05976
1658	Shell-Thin	SLE-ENVE	Min	0	0	0	70,2322	29,4917	-0,2836	6,81	-
											0,0006552
1659	Shell-Thin	SLU-ENVE	Max	0	0	0	153,2638	67,3499	0,928	90,94	0,58
1659	Shell-Thin	SLU-ENVE	Max	0	0	0	137,5167	59,9833	0,9413	90,94	0,66
1659	Shell-Thin	SLU-ENVE	Max	0	0	0	137,5355	59,9763	-0,2056	90,85	0,66
1659	Shell-Thin	SLU-ENVE	Max	0	0	0	153,2749	67,2011	-0,2187	90,85	0,58
1659	Shell-Thin	SLU-ENVE	Min	0	0	0	121,4044	51,6455	0,3766	47,1	0,13
1659	Shell-Thin	SLU-ENVE	Min	0	0	0	105,6559	47,0069	0,3897	47,1	-0,36
1659	Shell-Thin	SLU-ENVE	Min	0	0	0	105,6988	47,0843	-0,5901	47,07	-0,36
1659	Shell-Thin	SLU-ENVE	Min	0	0	0	121,4304	51,5992	-0,6034	47,07	0,13
1659	Shell-Thin	SLE-ENVE	Max	0	0	0	80,6436	36,5054	0,5154	50,42	0,32
1659	Shell-Thin	SLE-ENVE	Max	0	0	0	68,9685	32,3663	0,5227	50,42	0,36
1659	Shell-Thin	SLE-ENVE	Max	0	0	0	68,9793	32,3631	-0,1139	50,35	0,36
1659	Shell-Thin	SLE-ENVE	Max	0	0	0	80,65	36,4235	-0,1212	50,35	0,32
1659	Shell-Thin	SLE-ENVE	Min	0	0	0	63,3203	27,8573	0,2092	25,59	0,07099
1659	Shell-Thin	SLE-ENVE	Min	0	0	0	54,2739	25,2218	0,2164	25,59	-0,2
1659	Shell-Thin	SLE-ENVE	Min	0	0	0	54,2979	25,2655	-0,3275	25,58	-0,2
1659	Shell-Thin	SLE-ENVE	Min	0	0	0	63,3349	27,8323	-0,3349	25,58	0,07099
1660	Shell-Thin	SLU-ENVE	Max	0	0	0	166,4912	72,1819	-0,1691	72,09	1,19

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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
1660	Shell-Thin	SLU-ENVE	Max	0	0	0	153,274	67,1897	-0,458	72,09	0,01795
1660	Shell-Thin	SLU-ENVE	Max	0	0	0	152,8375	68,3759	-0,8961	70,45	0,01795
1660	Shell-Thin	SLU-ENVE	Max	0	0	0	165,8112	73,6967	-0,6072	70,45	1,19
1660	Shell-Thin	SLU-ENVE	Min	0	0	0	133,2307	54,4521	-1,6484	12,09	-5,53
1660	Shell-Thin	SLU-ENVE	Min	0	0	0	121,4452	51,6031	-1,9462	12,09	-4,49
1660	Shell-Thin	SLU-ENVE	Min	0	0	0	120,6963	52,0479	-3,2905	9,24	-4,49
1660	Shell-Thin	SLU-ENVE	Min	0	0	0	133,0163	56,1229	-2,9927	9,24	-5,53
1660	Shell-Thin	SLE-ENVE	Max	0	0	0	88,2737	39,2462	-0,0936	39,5	0,64
1660	Shell-Thin	SLE-ENVE	Max	0	0	0	80,6496	36,4172	-0,2539	39,5	0,0008271
1660	Shell-Thin	SLE-ENVE	Max	0	0	0	80,4079	37,0782	-0,4971	38,58	0,0008271
1660	Shell-Thin	SLE-ENVE	Max	0	0	0	87,8969	40,09	-0,3368	38,58	0,64
1660	Shell-Thin	SLE-ENVE	Min	0	0	0	70,2309	29,4848	-0,9151	6,31	-3,08
1660	Shell-Thin	SLE-ENVE	Min	0	0	0	63,3432	27,8345	-1,0804	6,31	-2,51
1660	Shell-Thin	SLE-ENVE	Min	0	0	0	62,9279	28,0833	-1,8268	4,72	-2,51
1660	Shell-Thin	SLE-ENVE	Min	0	0	0	70,1125	30,4149	-1,6615	4,72	-3,08
1661	Shell-Thin	SLU-ENVE	Max	0	0	0	153,2726	67,1894	-0,6251	91,27	-0,24
1661	Shell-Thin	SLU-ENVE	Max	0	0	0	137,5328	59,9807	-1,0168	91,27	4,42
1661	Shell-Thin	SLU-ENVE	Max	0	0	0	137,414	60,0519	-1,8037	92,2	4,42
1661	Shell-Thin	SLU-ENVE	Max	0	0	0	152,8519	68,3788	-1,412	92,2	-0,24
1661	Shell-Thin	SLU-ENVE	Min	0	0	0	121,4306	51,6002	-2,0212	46,64	-4,8
1661	Shell-Thin	SLU-ENVE	Min	0	0	0	105,7015	47,098	-2,2442	46,64	-7,05
1661	Shell-Thin	SLU-ENVE	Min	0	0	0	104,4831	46,3848	-3,883	46,14	-7,05
1661	Shell-Thin	SLU-ENVE	Min	0	0	0	120,7164	52,0519	-3,66	46,14	-4,8
1661	Shell-Thin	SLE-ENVE	Max	0	0	0	80,6488	36,4171	-0,3467	50,74	-0,14
1661	Shell-Thin	SLE-ENVE	Max	0	0	0	68,9778	32,3656	-0,5641	50,74	2,45
1661	Shell-Thin	SLE-ENVE	Max	0	0	0	68,9132	32,407	-1,0009	51,86	2,45
1661	Shell-Thin	SLE-ENVE	Max	0	0	0	80,4159	37,0798	-0,7835	51,86	-0,14
1661	Shell-Thin	SLE-ENVE	Min	0	0	0	63,3351	27,8329	-1,122	25,34	-2,69
1661	Shell-Thin	SLE-ENVE	Min	0	0	0	54,2994	25,2731	-1,2458	25,34	-3,93
1661	Shell-Thin	SLE-ENVE	Min	0	0	0	53,6233	24,8785	-2,1557	25,06	-3,93
1661	Shell-Thin	SLE-ENVE	Min	0	0	0	62,9391	28,0855	-2,032	25,06	-2,69
1662	Shell-Thin	SLU-ENVE	Max	0	0	0	165,8607	73,6961	3,6448	8,29	16,2
1662	Shell-Thin	SLU-ENVE	Max	0	0	0	170,9509	76,1041	3,0025	8,29	16,51
1662	Shell-Thin	SLU-ENVE	Max	0	0	0	167,7885	72,9831	4,2464	8,13	16,51
1662	Shell-Thin	SLU-ENVE	Max	0	0	0	162,9639	70,6513	4,7725	8,13	16,2
1662	Shell-Thin	SLU-ENVE	Min	0	0	0	98,5045	43,5702	1,9627	-77,66	10,7
1662	Shell-Thin	SLU-ENVE	Min	0	0	0	116,6758	50,1105	1,3751	-77,66	10,39
1662	Shell-Thin	SLU-ENVE	Min	0	0	0	114,7885	48,0386	1,4918	-76,04	10,39
1662	Shell-Thin	SLU-ENVE	Min	0	0	0	97,0221	41,4205	2,0794	-76,04	10,7
1662	Shell-Thin	SLE-ENVE	Max	0	0	0	87,9244	40,0897	2,0236	4,85	8,98
1662	Shell-Thin	SLE-ENVE	Max	0	0	0	91,0762	41,492	1,667	4,85	9,15
1662	Shell-Thin	SLE-ENVE	Max	0	0	0	89,3208	39,7621	2,3578	4,76	9,15
1662	Shell-Thin	SLE-ENVE	Max	0	0	0	86,3166	38,4018	2,6499	4,76	8,98
1662	Shell-Thin	SLE-ENVE	Min	0	0	0	52,6299	23,7806	1,0887	-41,49	5,93
1662	Shell-Thin	SLE-ENVE	Min	0	0	0	62,312	27,3308	0,7628	-41,49	5,76
1662	Shell-Thin	SLE-ENVE	Min	0	0	0	61,2647	26,1831	0,8274	-40,59	5,76
1662	Shell-Thin	SLE-ENVE	Min	0	0	0	51,8075	22,5896	1,1533	-40,59	5,93
1663	Shell-Thin	SLU-ENVE	Max	0	0	0	170,9557	76,105	2,5483	9,98	16,78
1663	Shell-Thin	SLU-ENVE	Max	0	0	0	168,6089	75,5785	1,8756	9,98	17,04
1663	Shell-Thin	SLU-ENVE	Max	0	0	0	165,4557	72,3709	2,8091	10,09	17,04
1663	Shell-Thin	SLU-ENVE	Max	0	0	0	167,795	72,9844	3,4818	10,09	16,78
1663	Shell-Thin	SLU-ENVE	Min	0	0	0	116,6541	50,1062	0,7509	-61,31	10,98

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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
1663	Shell-Thin	SLU-ENVE	Min	0	0	0	131,0485	55,135	-0,3086	-61,31	10,46
1663	Shell-Thin	SLU-ENVE	Min	0	0	0	128,9077	53,1932	-0,3409	-60,31	10,46
1663	Shell-Thin	SLU-ENVE	Min	0	0	0	114,7629	48,0334	0,7185	-60,31	10,98
1663	Shell-Thin	SLE-ENVE	Max	0	0	0	91,0788	41,4926	1,4148	4,08	9,31
1663	Shell-Thin	SLE-ENVE	Max	0	0	0	90,1414	41,2734	1,0413	4,08	9,45
1663	Shell-Thin	SLE-ENVE	Max	0	0	0	88,3911	39,4955	1,5597	4,14	9,45
1663	Shell-Thin	SLE-ENVE	Max	0	0	0	89,3245	39,7628	1,9332	4,14	9,31
1663	Shell-Thin	SLE-ENVE	Min	0	0	0	62,2999	27,3284	0,4171	-32,19	6,09
1663	Shell-Thin	SLE-ENVE	Min	0	0	0	69,8282	30,028	-0,1712	-32,19	5,8
1663	Shell-Thin	SLE-ENVE	Min	0	0	0	68,6401	28,9525	-0,1891	-31,63	5,8
1663	Shell-Thin	SLE-ENVE	Min	0	0	0	61,2505	26,1802	0,3992	-31,63	6,09
1664	Shell-Thin	SLU-ENVE	Max	0	0	0	162,9641	70,6521	6,1032	8,71	36,72
1664	Shell-Thin	SLU-ENVE	Max	0	0	0	167,7891	72,9859	5,4316	8,71	37,97
1664	Shell-Thin	SLU-ENVE	Max	0	0	0	162,2162	65,1327	6,6299	5,27	37,97
1664	Shell-Thin	SLU-ENVE	Max	0	0	0	157,5927	63,1103	7,3014	5,27	36,72
1664	Shell-Thin	SLU-ENVE	Min	0	0	0	97,0233	41,4267	2,1894	-75,86	19,85
1664	Shell-Thin	SLU-ENVE	Min	0	0	0	114,7891	48,0415	1,441	-75,86	22,35
1664	Shell-Thin	SLU-ENVE	Min	0	0	0	111,6239	43,1253	1,4099	-70,79	22,35
1664	Shell-Thin	SLU-ENVE	Min	0	0	0	95,1236	37,1355	2,1584	-70,79	19,85
1664	Shell-Thin	SLE-ENVE	Max	0	0	0	86,3167	38,4023	3,3889	5,08	20,38
1664	Shell-Thin	SLE-ENVE	Max	0	0	0	89,3212	39,7636	3,016	5,08	21,07
1664	Shell-Thin	SLE-ENVE	Max	0	0	0	86,2272	35,4065	3,6815	3,17	21,07
1664	Shell-Thin	SLE-ENVE	Max	0	0	0	83,3348	34,2178	4,0543	3,17	20,38
1664	Shell-Thin	SLE-ENVE	Min	0	0	0	51,8082	22,593	1,2142	-40,49	11,01
1664	Shell-Thin	SLE-ENVE	Min	0	0	0	61,265	26,1847	0,799	-40,49	12,4
1664	Shell-Thin	SLE-ENVE	Min	0	0	0	59,5082	23,4583	0,7817	-37,68	12,4
1664	Shell-Thin	SLE-ENVE	Min	0	0	0	50,7542	20,2136	1,1969	-37,68	11,01
1665	Shell-Thin	SLU-ENVE	Max	0	0	0	167,7956	72,9872	4,6643	10,19	37,86
1665	Shell-Thin	SLU-ENVE	Max	0	0	0	165,4568	72,3765	3,5381	10,19	37,85
1665	Shell-Thin	SLU-ENVE	Max	0	0	0	160,1442	64,5476	4,4583	9,15	37,85
1665	Shell-Thin	SLU-ENVE	Max	0	0	0	162,2258	65,1346	5,5846	9,15	37,86
1665	Shell-Thin	SLU-ENVE	Min	0	0	0	114,7635	48,0364	0,8548	-60,26	24,17
1665	Shell-Thin	SLU-ENVE	Min	0	0	0	128,9074	53,1915	-0,6639	-60,26	26,02
1665	Shell-Thin	SLU-ENVE	Min	0	0	0	124,6121	47,8138	-0,7214	-55,75	26,02
1665	Shell-Thin	SLU-ENVE	Min	0	0	0	111,594	43,1193	0,8278	-55,75	24,17
1665	Shell-Thin	SLE-ENVE	Max	0	0	0	89,3248	39,7644	2,59	4,2	21,01
1665	Shell-Thin	SLE-ENVE	Max	0	0	0	88,3917	39,4986	1,9646	4,2	21
1665	Shell-Thin	SLE-ENVE	Max	0	0	0	85,4422	35,1551	2,4756	3,62	21
1665	Shell-Thin	SLE-ENVE	Max	0	0	0	86,2325	35,4076	3,101	3,62	21,01
1665	Shell-Thin	SLE-ENVE	Min	0	0	0	61,2508	26,1818	0,474	-31,6	13,41
1665	Shell-Thin	SLE-ENVE	Min	0	0	0	68,6399	28,9516	-0,3683	-31,6	14,43
1665	Shell-Thin	SLE-ENVE	Min	0	0	0	66,2554	25,9689	-0,4002	-29,1	14,43
1665	Shell-Thin	SLE-ENVE	Min	0	0	0	59,4915	23,455	0,459	-29,1	13,41
1666	Shell-Thin	SLU-ENVE	Max	0	0	0	157,596	63,1266	8,4285	4,86	61,13
1666	Shell-Thin	SLU-ENVE	Max	0	0	0	162,2193	65,148	7,6619	4,86	62,59
1666	Shell-Thin	SLU-ENVE	Max	0	0	0	154,3137	51,6782	8,4498	-2,91	62,59
1666	Shell-Thin	SLU-ENVE	Max	0	0	0	149,738	50,0201	9,2164	-2,91	61,13
1666	Shell-Thin	SLU-ENVE	Min	0	0	0	95,1228	37,1313	2,1676	-69,16	27,25
1666	Shell-Thin	SLU-ENVE	Min	0	0	0	111,6252	43,1316	1,2969	-69,16	35,55
1666	Shell-Thin	SLU-ENVE	Min	0	0	0	107,2273	35,0118	1,3693	-60,03	35,55
1666	Shell-Thin	SLU-ENVE	Min	0	0	0	93,0081	31,0859	2,2401	-60,03	27,25
1666	Shell-Thin	SLE-ENVE	Max	0	0	0	83,3366	34,2269	4,6803	2,94	33,93

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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
1666	Shell-Thin	SLE-ENVE	Max	0	0	0	86,2289	35,415	4,2547	2,94	34,74
1666	Shell-Thin	SLE-ENVE	Max	0	0	0	81,8394	27,9397	4,6923	-1,38	34,74
1666	Shell-Thin	SLE-ENVE	Max	0	0	0	78,9737	26,953	5,118	-1,38	33,93
1666	Shell-Thin	SLE-ENVE	Min	0	0	0	50,7537	20,2112	1,2021	-36,77	15,11
1666	Shell-Thin	SLE-ENVE	Min	0	0	0	59,5089	23,4618	0,719	-36,77	19,72
1666	Shell-Thin	SLE-ENVE	Min	0	0	0	57,0674	18,9574	0,7595	-31,7	19,72
1666	Shell-Thin	SLE-ENVE	Min	0	0	0	49,5807	16,859	1,2426	-31,7	15,11
1667	Shell-Thin	SLU-ENVE	Max	0	0	0	162,2288	65,1499	6,6146	8,97	62,13
1667	Shell-Thin	SLU-ENVE	Max	0	0	0	160,1463	64,5582	5,095	8,97	60,52
1667	Shell-Thin	SLU-ENVE	Max	0	0	0	152,7413	51,4663	5,6812	6,45	60,52
1667	Shell-Thin	SLU-ENVE	Max	0	0	0	154,3136	51,6781	7,2009	6,45	62,13
1667	Shell-Thin	SLU-ENVE	Min	0	0	0	111,5953	43,1256	0,7629	-54,43	36,49
1667	Shell-Thin	SLU-ENVE	Min	0	0	0	124,6156	47,8311	-1,0035	-54,43	34,91
1667	Shell-Thin	SLU-ENVE	Min	0	0	0	118,0832	37,8955	-1,016	-45,78	34,91
1667	Shell-Thin	SLU-ENVE	Min	0	0	0	107,2234	35,011	0,7815	-45,78	36,49
1667	Shell-Thin	SLE-ENVE	Max	0	0	0	86,2342	35,4161	3,6731	3,52	34,48
1667	Shell-Thin	SLE-ENVE	Max	0	0	0	85,4434	35,1609	2,8291	3,52	33,59
1667	Shell-Thin	SLE-ENVE	Max	0	0	0	81,3318	27,8957	3,1547	2,12	33,59
1667	Shell-Thin	SLE-ENVE	Max	0	0	0	81,8393	27,9397	3,9986	2,12	34,48
1667	Shell-Thin	SLE-ENVE	Min	0	0	0	59,4922	23,4585	0,423	-28,36	20,21
1667	Shell-Thin	SLE-ENVE	Min	0	0	0	66,2573	25,9785	-0,5568	-28,36	19,33
1667	Shell-Thin	SLE-ENVE	Min	0	0	0	62,6302	20,4655	-0,5635	-23,56	19,33
1667	Shell-Thin	SLE-ENVE	Min	0	0	0	57,0653	18,957	0,4334	-23,56	20,21
1668	Shell-Thin	SLU-ENVE	Max	0	0	0	149,7441	50,0508	9,7341	-4,14	65,3
1668	Shell-Thin	SLU-ENVE	Max	0	0	0	154,3183	51,7009	8,8399	-4,14	66,86
1668	Shell-Thin	SLU-ENVE	Max	0	0	0	145,6115	37,4238	8,9536	-12,2	66,86
1668	Shell-Thin	SLU-ENVE	Max	0	0	0	141,1145	36,1652	9,8478	-12,2	65,3
1668	Shell-Thin	SLU-ENVE	Min	0	0	0	93,005	31,0705	2,5507	-57,35	29,52
1668	Shell-Thin	SLU-ENVE	Min	0	0	0	107,2289	35,0199	1,5165	-57,35	38,11
1668	Shell-Thin	SLU-ENVE	Min	0	0	0	102,3595	26,387	1,9009	-47,66	38,11
1668	Shell-Thin	SLU-ENVE	Min	0	0	0	90,5587	24,5857	2,9351	-47,66	29,52
1668	Shell-Thin	SLE-ENVE	Max	0	0	0	78,9771	26,97	5,4057	-2,06	36,23
1668	Shell-Thin	SLE-ENVE	Max	0	0	0	81,8419	27,9523	4,909	-2,06	37,1
1668	Shell-Thin	SLE-ENVE	Max	0	0	0	77,0075	20,0311	4,9722	-6,54	37,1
1668	Shell-Thin	SLE-ENVE	Max	0	0	0	74,1857	19,2658	5,4689	-6,54	36,23
1668	Shell-Thin	SLE-ENVE	Min	0	0	0	49,579	16,8504	1,4158	-30,21	16,36
1668	Shell-Thin	SLE-ENVE	Min	0	0	0	57,0683	18,9619	0,8415	-30,21	21,14
1668	Shell-Thin	SLE-ENVE	Min	0	0	0	54,3651	14,1747	1,0557	-24,83	21,14
1668	Shell-Thin	SLE-ENVE	Min	0	0	0	48,2218	13,2561	1,6299	-24,83	16,36
1669	Shell-Thin	SLU-ENVE	Max	0	0	0	154,3182	51,7009	7,59	6,01	66,41
1669	Shell-Thin	SLU-ENVE	Max	0	0	0	152,7442	51,4778	5,8932	6,01	64,77
1669	Shell-Thin	SLU-ENVE	Max	0	0	0	144,6516	37,608	5,9034	3,41	64,77
1669	Shell-Thin	SLU-ENVE	Max	0	0	0	145,6022	37,4219	7,6003	3,41	66,41
1669	Shell-Thin	SLU-ENVE	Min	0	0	0	107,2251	35,0191	0,9301	-43,5	39,61
1669	Shell-Thin	SLU-ENVE	Min	0	0	0	118,0896	37,9275	-1,1043	-43,5	38,02
1669	Shell-Thin	SLU-ENVE	Min	0	0	0	110,9629	27,4213	-1,0056	-34,37	38,02
1669	Shell-Thin	SLU-ENVE	Min	0	0	0	102,3799	26,3911	1,0651	-34,37	39,61
1669	Shell-Thin	SLE-ENVE	Max	0	0	0	81,8418	27,9523	4,2148	1,88	36,85
1669	Shell-Thin	SLE-ENVE	Max	0	0	0	81,3335	27,9021	3,2722	1,88	35,94
1669	Shell-Thin	SLE-ENVE	Max	0	0	0	76,8401	20,2074	3,2777	0,43	35,94
1669	Shell-Thin	SLE-ENVE	Max	0	0	0	77,0023	20,0301	4,2203	0,43	36,85
1669	Shell-Thin	SLE-ENVE	Min	0	0	0	57,0662	18,9615	0,5162	-22,29	21,92

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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
1669	Shell-Thin	SLE-ENVE	Min	0	0	0	62,6338	20,4833	-0,6124	-22,29	21,03
1669	Shell-Thin	SLE-ENVE	Min	0	0	0	58,6766	14,6555	-0,5573	-17,22	21,03
1669	Shell-Thin	SLE-ENVE	Min	0	0	0	54,3764	14,177	0,5915	-17,22	21,92
1670	Shell-Thin	SLU-ENVE	Max	0	0	0	165,8091	73,6864	-1,032	70,69	15,6
1670	Shell-Thin	SLU-ENVE	Max	0	0	0	152,835	68,3635	-1,7478	70,69	15,59
1670	Shell-Thin	SLU-ENVE	Max	0	0	0	150,2905	65,3584	-2,4699	68,53	15,59
1670	Shell-Thin	SLU-ENVE	Max	0	0	0	162,8735	70,6782	-1,7541	68,53	15,6
1670	Shell-Thin	SLU-ENVE	Min	0	0	0	133,0129	56,1061	-4,1996	7,8	11,19
1670	Shell-Thin	SLU-ENVE	Min	0	0	0	120,6968	52,0505	-4,8693	7,8	12,21
1670	Shell-Thin	SLU-ENVE	Min	0	0	0	118,6006	49,7132	-6,274	7,81	12,21
1670	Shell-Thin	SLU-ENVE	Min	0	0	0	130,7894	54,0244	-5,6043	7,81	11,19
1670	Shell-Thin	SLE-ENVE	Max	0	0	0	87,8957	40,0843	-0,5727	38,72	8,65
1670	Shell-Thin	SLE-ENVE	Max	0	0	0	80,4066	37,0714	-0,9701	38,72	8,64
1670	Shell-Thin	SLE-ENVE	Max	0	0	0	78,9945	35,4052	-1,3711	37,52	8,64
1670	Shell-Thin	SLE-ENVE	Max	0	0	0	86,2664	38,4168	-0,9738	37,52	8,65
1670	Shell-Thin	SLE-ENVE	Min	0	0	0	70,1107	30,4055	-2,3317	3,92	6,2
1670	Shell-Thin	SLE-ENVE	Min	0	0	0	62,9282	28,0848	-2,7035	3,92	6,77
1670	Shell-Thin	SLE-ENVE	Min	0	0	0	61,7651	26,789	-3,4836	3,93	6,77
1670	Shell-Thin	SLE-ENVE	Min	0	0	0	68,8768	29,2521	-3,1118	3,93	6,2
1671	Shell-Thin	SLU-ENVE	Max	0	0	0	152,8494	68,3664	-2,2657	92,57	14,94
1671	Shell-Thin	SLU-ENVE	Max	0	0	0	137,41	60,0591	-2,8978	92,57	14,56
1671	Shell-Thin	SLU-ENVE	Max	0	0	0	135,2949	57,1504	-3,9362	90,87	14,56
1671	Shell-Thin	SLU-ENVE	Max	0	0	0	150,3082	65,3619	-3,3042	90,87	14,94
1671	Shell-Thin	SLU-ENVE	Min	0	0	0	120,717	52,0546	-5,2714	45,31	11,87
1671	Shell-Thin	SLU-ENVE	Min	0	0	0	104,4876	46,4071	-5,7499	45,31	10,83
1671	Shell-Thin	SLU-ENVE	Min	0	0	0	102,5794	43,9261	-7,4814	44,96	10,83
1671	Shell-Thin	SLU-ENVE	Min	0	0	0	118,628	49,7186	-7,003	44,96	11,87
1671	Shell-Thin	SLE-ENVE	Max	0	0	0	80,4146	37,073	-1,2575	52,3	8,29
1671	Shell-Thin	SLE-ENVE	Max	0	0	0	68,911	32,411	-1,6083	52,3	8,08
1671	Shell-Thin	SLE-ENVE	Max	0	0	0	67,7383	30,7979	-2,185	51,43	8,08
1671	Shell-Thin	SLE-ENVE	Max	0	0	0	79,0043	35,4072	-1,8342	51,43	8,29
1671	Shell-Thin	SLE-ENVE	Min	0	0	0	62,9394	28,087	-2,9267	24,6	6,58
1671	Shell-Thin	SLE-ENVE	Min	0	0	0	53,6258	24,8908	-3,1923	24,6	5,99
1671	Shell-Thin	SLE-ENVE	Min	0	0	0	52,5669	23,5149	-4,1539	24,4	5,99
1671	Shell-Thin	SLE-ENVE	Min	0	0	0	61,7802	26,7921	-3,8883	24,4	6,58
1672	Shell-Thin	SLU-ENVE	Max	0	0	0	162,8737	70,6791	-2,2958	68,02	36,21
1672	Shell-Thin	SLU-ENVE	Max	0	0	0	150,2908	65,3599	-3,4644	68,02	33,79
1672	Shell-Thin	SLU-ENVE	Max	0	0	0	145,6593	58,3947	-4,2329	64,74	33,79
1672	Shell-Thin	SLU-ENVE	Max	0	0	0	157,4859	63,1087	-3,0643	64,74	36,21
1672	Shell-Thin	SLU-ENVE	Min	0	0	0	130,7892	54,0232	-6,8092	7,07	27,03
1672	Shell-Thin	SLU-ENVE	Min	0	0	0	118,6015	49,7174	-7,838	7,07	26,05
1672	Shell-Thin	SLU-ENVE	Min	0	0	0	115,2012	44,374	-9,1147	10,24	26,05
1672	Shell-Thin	SLU-ENVE	Min	0	0	0	126,3936	48,4333	-8,0859	10,24	27,03
1672	Shell-Thin	SLE-ENVE	Max	0	0	0	86,2665	38,4173	-1,2748	37,23	20,09
1672	Shell-Thin	SLE-ENVE	Max	0	0	0	78,9947	35,4061	-1,9235	37,23	18,75
1672	Shell-Thin	SLE-ENVE	Max	0	0	0	76,4238	31,5415	-2,3505	35,41	18,75
1672	Shell-Thin	SLE-ENVE	Max	0	0	0	83,2754	34,2169	-1,7018	35,41	20,09
1672	Shell-Thin	SLE-ENVE	Min	0	0	0	68,8767	29,2514	-3,7809	3,52	15
1672	Shell-Thin	SLE-ENVE	Min	0	0	0	61,7655	26,7914	-4,3522	3,52	14,45
1672	Shell-Thin	SLE-ENVE	Min	0	0	0	59,8784	23,8269	-5,0613	5,28	14,45
1672	Shell-Thin	SLE-ENVE	Min	0	0	0	66,4366	26,1504	-4,49	5,28	15
1673	Shell-Thin	SLU-ENVE	Max	0	0	0	150,3085	65,3634	-4,3008	90,45	32,32

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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
1673	Shell-Thin	SLU-ENVE	Max	0	0	0	135,2943	57,1551	-5,0636	90,45	29,43
1673	Shell-Thin	SLU-ENVE	Max	0	0	0	130,8798	50,9125	-6,0973	85,98	29,43
1673	Shell-Thin	SLU-ENVE	Max	0	0	0	145,6778	58,3984	-5,3345	85,98	32,32
1673	Shell-Thin	SLU-ENVE	Min	0	0	0	118,6288	49,7229	-8,5723	44,23	24,42
1673	Shell-Thin	SLU-ENVE	Min	0	0	0	102,5813	43,936	-9,2795	44,23	22,79
1673	Shell-Thin	SLU-ENVE	Min	0	0	0	100,2607	39,0018	-10,8539	44,87	22,79
1673	Shell-Thin	SLU-ENVE	Min	0	0	0	115,2328	44,3804	-10,1467	44,87	24,42
1673	Shell-Thin	SLE-ENVE	Max	0	0	0	79,0045	35,408	-2,3878	51,21	17,93
1673	Shell-Thin	SLE-ENVE	Max	0	0	0	67,7379	30,8005	-2,8111	51,21	16,33
1673	Shell-Thin	SLE-ENVE	Max	0	0	0	65,2889	27,3367	-3,3853	48,39	16,33
1673	Shell-Thin	SLE-ENVE	Max	0	0	0	76,434	31,5435	-2,962	48,39	17,93
1673	Shell-Thin	SLE-ENVE	Min	0	0	0	61,7807	26,7944	-4,7598	24	13,55
1673	Shell-Thin	SLE-ENVE	Min	0	0	0	52,568	23,5204	-5,1524	24	12,64
1673	Shell-Thin	SLE-ENVE	Min	0	0	0	51,2807	20,7828	-6,0269	24,36	12,64
1673	Shell-Thin	SLE-ENVE	Min	0	0	0	59,896	23,8304	-5,6343	24,36	13,55
1674	Shell-Thin	SLU-ENVE	Max	0	0	0	157,4892	63,1256	-3,1627	63,23	60,38
1674	Shell-Thin	SLU-ENVE	Max	0	0	0	145,6619	58,4075	-4,5919	63,23	55,51
1674	Shell-Thin	SLU-ENVE	Max	0	0	0	138,8451	46,5256	-4,8678	59,66	55,51
1674	Shell-Thin	SLU-ENVE	Max	0	0	0	149,7271	50,0277	-3,4387	59,66	60,38
1674	Shell-Thin	SLU-ENVE	Min	0	0	0	126,397	48,4504	-9,0578	10,42	44,79
1674	Shell-Thin	SLU-ENVE	Min	0	0	0	115,2023	44,3796	-10,3982	10,42	40,86
1674	Shell-Thin	SLU-ENVE	Min	0	0	0	110,5933	35,7222	-11,2986	17,91	40,86
1674	Shell-Thin	SLU-ENVE	Min	0	0	0	119,7542	38,254	-9,9581	17,91	44,79
1674	Shell-Thin	SLE-ENVE	Max	0	0	0	83,2773	34,2263	-1,7543	34,58	33,51
1674	Shell-Thin	SLE-ENVE	Max	0	0	0	76,4252	31,5485	-2,5476	34,58	30,81
1674	Shell-Thin	SLE-ENVE	Max	0	0	0	72,6408	24,9543	-2,7012	32,59	30,81
1674	Shell-Thin	SLE-ENVE	Max	0	0	0	78,9676	26,9572	-1,908	32,59	33,51
1674	Shell-Thin	SLE-ENVE	Min	0	0	0	66,4385	26,1599	-5,0298	5,38	24,82
1674	Shell-Thin	SLE-ENVE	Min	0	0	0	59,879	23,83	-5,7742	5,38	22,68
1674	Shell-Thin	SLE-ENVE	Min	0	0	0	57,321	19,0259	-6,2745	9,55	22,68
1674	Shell-Thin	SLE-ENVE	Min	0	0	0	62,7504	20,5015	-5,5301	9,55	24,82
1675	Shell-Thin	SLU-ENVE	Max	0	0	0	145,6803	58,4112	-6,1438	84,22	53,29
1675	Shell-Thin	SLU-ENVE	Max	0	0	0	130,8837	50,9157	-7,0924	84,22	50,17
1675	Shell-Thin	SLU-ENVE	Max	0	0	0	124,1335	41,2247	-7,8194	76,85	50,17
1675	Shell-Thin	SLU-ENVE	Max	0	0	0	138,849	46,5264	-6,7726	76,85	53,29
1675	Shell-Thin	SLU-ENVE	Min	0	0	0	115,2339	44,3859	-11,4646	44,4	38,01
1675	Shell-Thin	SLU-ENVE	Min	0	0	0	100,2594	38,9953	-12,3735	44,4	31,09
1675	Shell-Thin	SLU-ENVE	Min	0	0	0	97,7524	32,0602	-13,5076	45,79	31,09
1675	Shell-Thin	SLU-ENVE	Min	0	0	0	110,5967	35,7228	-12,5987	45,79	38,01
1675	Shell-Thin	SLE-ENVE	Max	0	0	0	76,4354	31,5506	-3,409	47,39	29,58
1675	Shell-Thin	SLE-ENVE	Max	0	0	0	65,2911	27,3385	-3,9381	47,39	27,82
1675	Shell-Thin	SLE-ENVE	Max	0	0	0	62,7727	21,9605	-4,3422	42,54	27,82
1675	Shell-Thin	SLE-ENVE	Max	0	0	0	72,6429	24,9547	-3,7587	42,54	29,58
1675	Shell-Thin	SLE-ENVE	Min	0	0	0	59,8966	23,8335	-6,3664	24,1	21,09
1675	Shell-Thin	SLE-ENVE	Min	0	0	0	51,28	20,7791	-6,871	24,1	17,25
1675	Shell-Thin	SLE-ENVE	Min	0	0	0	49,8896	16,931	-7,5011	24,87	17,25
1675	Shell-Thin	SLE-ENVE	Min	0	0	0	57,3229	19,0263	-6,9965	24,87	21,09
1676	Shell-Thin	SLU-ENVE	Max	0	0	0	149,7322	50,053	-3,745	57,62	64,44
1676	Shell-Thin	SLU-ENVE	Max	0	0	0	138,8507	46,5536	-5,3626	57,62	59,32
1676	Shell-Thin	SLU-ENVE	Max	0	0	0	131,36	33,959	-5,885	53,62	59,32
1676	Shell-Thin	SLU-ENVE	Max	0	0	0	141,2005	36,1768	-4,2674	53,62	64,44
1676	Shell-Thin	SLU-ENVE	Min	0	0	0	119,7605	38,2855	-10,5138	18,88	48,13

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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
1676	Shell-Thin	SLU-ENVE	Min	0	0	0	110,5945	35,7282	-12,0426	18,88	43,72
1676	Shell-Thin	SLU-ENVE	Min	0	0	0	105,4847	26,5423	-12,4343	26,59	43,72
1676	Shell-Thin	SLU-ENVE	Min	0	0	0	112,5097	27,5128	-10,9055	26,59	48,13
1676	Shell-Thin	SLE-ENVE	Max	0	0	0	78,9704	26,9712	-2,0787	31,46	35,76
1676	Shell-Thin	SLE-ENVE	Max	0	0	0	72,6439	24,9698	-2,9768	31,46	32,92
1676	Shell-Thin	SLE-ENVE	Max	0	0	0	68,4854	17,982	-3,268	29,24	32,92
1676	Shell-Thin	SLE-ENVE	Max	0	0	0	74,2335	19,2723	-2,3699	29,24	35,76
1676	Shell-Thin	SLE-ENVE	Min	0	0	0	62,7539	20,519	-5,8389	10,08	26,66
1676	Shell-Thin	SLE-ENVE	Min	0	0	0	57,3216	19,0293	-6,6881	10,08	24,26
1676	Shell-Thin	SLE-ENVE	Min	0	0	0	54,4857	13,9336	-6,9061	14,37	24,26
1676	Shell-Thin	SLE-ENVE	Min	0	0	0	58,7284	14,5425	-6,0569	14,37	26,66
1677	Shell-Thin	SLU-ENVE	Max	0	0	0	138,8546	46,5544	-7,2703	74,3	56,91
1677	Shell-Thin	SLU-ENVE	Max	0	0	0	124,1404	41,2242	-8,3489	74,3	53,36
1677	Shell-Thin	SLU-ENVE	Max	0	0	0	116,8015	30,9155	-8,5351	66,36	53,36
1677	Shell-Thin	SLU-ENVE	Max	0	0	0	131,3498	33,957	-7,5564	66,36	56,91
1677	Shell-Thin	SLU-ENVE	Min	0	0	0	110,5979	35,7289	-13,3442	45,51	40,68
1677	Shell-Thin	SLU-ENVE	Min	0	0	0	97,7487	32,0414	-14,3966	45,51	33,51
1677	Shell-Thin	SLU-ENVE	Min	0	0	0	94,8689	24,6428	-14,8879	43,12	33,51
1677	Shell-Thin	SLU-ENVE	Min	0	0	0	105,4617	26,5377	-13,8355	43,12	40,68
1677	Shell-Thin	SLE-ENVE	Max	0	0	0	72,646	24,9703	-4,036	41,12	31,58
1677	Shell-Thin	SLE-ENVE	Max	0	0	0	62,7726	21,9602	-4,6368	41,12	29,58
1677	Shell-Thin	SLE-ENVE	Max	0	0	0	60,0528	16,2411	-4,7409	36,71	29,58
1677	Shell-Thin	SLE-ENVE	Max	0	0	0	68,4798	17,9809	-4,1977	36,71	31,58
1677	Shell-Thin	SLE-ENVE	Min	0	0	0	57,3235	19,0296	-7,4109	24,72	22,57
1677	Shell-Thin	SLE-ENVE	Min	0	0	0	49,8876	16,9206	-7,9953	24,72	18,59
1677	Shell-Thin	SLE-ENVE	Min	0	0	0	48,2907	12,8168	-8,2689	25,15	18,59
1677	Shell-Thin	SLE-ENVE	Min	0	0	0	54,473	13,931	-7,6844	25,15	22,57

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
124	Shell-Thin	SLU-ENVE	Max	0	0	0	-47,8476	-7,2194	51,318	-29,07	22,48
124	Shell-Thin	SLU-ENVE	Max	0	0	0	-32,7163	-4,9233	45,3246	-29,07	22,44
124	Shell-Thin	SLU-ENVE	Max	0	0	0	-42,9821	-9,9891	44,6949	-40,58	22,44
124	Shell-Thin	SLU-ENVE	Max	0	0	0	-64,924	-12,7252	50,6883	-40,58	22,48
124	Shell-Thin	SLU-ENVE	Min	0	0	0	-53,9249	-9,4006	41,8937	-33,56	19,32
124	Shell-Thin	SLU-ENVE	Min	0	0	0	-36,7696	-6,8139	36,6468	-33,56	19,73
124	Shell-Thin	SLU-ENVE	Min	0	0	0	-49,0234	-11,8104	36,1946	-45,76	19,73
124	Shell-Thin	SLU-ENVE	Min	0	0	0	-72,5338	-14,3768	41,4416	-45,76	19,32
124	Shell-Thin	SLE-ENVE	Max	0	0	0	-30,7794	-4,8639	28,4343	-19,62	12,49
124	Shell-Thin	SLE-ENVE	Max	0	0	0	-20,71	-3,2742	25,1105	-19,62	12,46
124	Shell-Thin	SLE-ENVE	Max	0	0	0	-26,3925	-6,0906	24,7524	-27,23	12,46

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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
124	Shell-Thin	SLE-ENVE	Max	0	0	0	-40,2661	-8,0476	28,0762	-27,23	12,49
124	Shell-Thin	SLE-ENVE	Min	0	0	0	-34,1663	-6,0748	23,2075	-21,95	10,73
124	Shell-Thin	SLE-ENVE	Min	0	0	0	-22,9665	-4,3222	20,2973	-21,95	10,94
124	Shell-Thin	SLE-ENVE	Min	0	0	0	-29,7505	-7,1077	20,0385	-28,79	10,94
124	Shell-Thin	SLE-ENVE	Min	0	0	0	-44,502	-8,8522	22,9488	-28,79	10,73
148	Shell-Thin	SLU-ENVE	Max	0	0	0	-64,8856	-12,659	50,1304	-39,58	23,83
148	Shell-Thin	SLU-ENVE	Max	0	0	0	-42,9875	-10,0163	43,44	-39,58	22,62
148	Shell-Thin	SLU-ENVE	Max	0	0	0	-53,8562	-14,3498	42,2902	-54,26	22,62
148	Shell-Thin	SLU-ENVE	Max	0	0	0	-83,7224	-17,2366	48,9807	-54,26	23,83
148	Shell-Thin	SLU-ENVE	Min	0	0	0	-72,5096	-14,2562	41,0756	-44,67	21,18
148	Shell-Thin	SLU-ENVE	Min	0	0	0	-49,0242	-11,8142	35,3032	-44,67	19,98
148	Shell-Thin	SLU-ENVE	Min	0	0	0	-62,0279	-16,4341	34,559	-60,82	19,98
148	Shell-Thin	SLU-ENVE	Min	0	0	0	-93,5892	-19,4826	40,3314	-60,82	21,18
148	Shell-Thin	SLE-ENVE	Max	0	0	0	-40,244	-7,9368	27,7517	-26,86	13,24
148	Shell-Thin	SLE-ENVE	Max	0	0	0	-26,3955	-6,1058	24,0533	-26,86	12,52
148	Shell-Thin	SLE-ENVE	Max	0	0	0	-32,378	-8,5086	23,4088	-35,57	12,52
148	Shell-Thin	SLE-ENVE	Max	0	0	0	-50,6887	-10,8702	27,1071	-35,57	13,24
148	Shell-Thin	SLE-ENVE	Min	0	0	0	-44,4878	-8,7816	22,732	-28,18	11,76
148	Shell-Thin	SLE-ENVE	Min	0	0	0	-29,751	-7,1099	19,5416	-28,18	11,01
148	Shell-Thin	SLE-ENVE	Min	0	0	0	-36,9161	-9,6702	19,1227	-37,22	11,01
148	Shell-Thin	SLE-ENVE	Min	0	0	0	-56,1711	-11,7032	22,3132	-37,22	11,76
149	Shell-Thin	SLU-ENVE	Max	0	0	0	-83,8498	-17,6983	48,2275	-55,3	24,97
149	Shell-Thin	SLU-ENVE	Max	0	0	0	-53,8465	-14,3012	40,9057	-55,3	16,74
149	Shell-Thin	SLU-ENVE	Max	0	0	0	-67,5077	-14,8654	40,4948	-64,53	16,74
149	Shell-Thin	SLU-ENVE	Max	0	0	0	-99,9772	-21,6377	47,8167	-64,53	24,97
149	Shell-Thin	SLU-ENVE	Min	0	0	0	-93,7281	-20,1771	39,8816	-62,59	17,35
149	Shell-Thin	SLU-ENVE	Min	0	0	0	-62,02	-16,3946	33,8075	-62,59	13,28
149	Shell-Thin	SLU-ENVE	Min	0	0	0	-77,7897	-17,4424	33,6022	-72,29	13,28
149	Shell-Thin	SLU-ENVE	Min	0	0	0	-114,3456	-25,3407	39,6764	-72,29	17,35
149	Shell-Thin	SLE-ENVE	Max	0	0	0	-50,7607	-11,1378	26,6768	-36,24	13,8
149	Shell-Thin	SLE-ENVE	Max	0	0	0	-32,3726	-8,4817	22,654	-36,24	9,09
149	Shell-Thin	SLE-ENVE	Max	0	0	0	-39,9001	-8,7346	22,4435	-39,16	9,09
149	Shell-Thin	SLE-ENVE	Max	0	0	0	-59,572	-12,9177	26,4664	-39,16	13,8
149	Shell-Thin	SLE-ENVE	Min	0	0	0	-56,2492	-12,0933	22,0526	-38,25	9,58
149	Shell-Thin	SLE-ENVE	Min	0	0	0	-36,9117	-9,6484	18,72	-38,25	7,17
149	Shell-Thin	SLE-ENVE	Min	0	0	0	-45,5997	-10,1698	18,6259	-43,48	7,17
149	Shell-Thin	SLE-ENVE	Min	0	0	0	-67,551	-14,9725	21,9585	-43,48	9,58
174	Shell-Thin	SLU-ENVE	Max	0	0	0	-117,5096	-21,247	47,9954	-60,44	-35,36
174	Shell-Thin	SLU-ENVE	Max	0	0	0	-82,4321	-9,9778	33,2075	-60,44	9,82
174	Shell-Thin	SLU-ENVE	Max	0	0	0	-83,7604	-1,7253	27,4355	-159,56	9,82
174	Shell-Thin	SLU-ENVE	Max	0	0	0	-168,3962	10,3779	42,2234	-159,56	-35,36
174	Shell-Thin	SLU-ENVE	Min	0	0	0	-135,0429	-24,0438	39,8474	-67	-39,27
174	Shell-Thin	SLU-ENVE	Min	0	0	0	-95,7718	-11,8634	27,3688	-67	8,2
174	Shell-Thin	SLU-ENVE	Min	0	0	0	-97,2991	-1,9859	22,5126	-185,13	8,2
174	Shell-Thin	SLU-ENVE	Min	0	0	0	-195,6377	8,9112	34,9911	-185,13	-39,27
174	Shell-Thin	SLE-ENVE	Max	0	0	0	-68,9136	-12,5954	26,7879	-35,94	-21,5
174	Shell-Thin	SLE-ENVE	Max	0	0	0	-48,1975	-5,7795	18,5031	-35,94	5,23
174	Shell-Thin	SLE-ENVE	Max	0	0	0	-48,9304	-1,0119	15,2492	-91,28	5,23
174	Shell-Thin	SLE-ENVE	Max	0	0	0	-97,3187	5,9754	23,534	-91,28	-21,5
174	Shell-Thin	SLE-ENVE	Min	0	0	0	-78,6331	-14,1413	22,2732	-39,58	-23,66
174	Shell-Thin	SLE-ENVE	Min	0	0	0	-55,5883	-6,8279	15,2642	-39,58	4,26
174	Shell-Thin	SLE-ENVE	Min	0	0	0	-56,4362	-1,1561	12,5182	-105,41	4,26

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
174	Shell-Thin	SLE-ENVE	Min	0	0	0	-112,3947	5,1638	19,5273	-105,41	-23,66
305	Shell-Thin	SLU-ENVE	Max	0	0	0	-32,6671	-4,9134	40,939	-25,88	17,53
305	Shell-Thin	SLU-ENVE	Max	0	0	0	-18,2314	-4,049	37,3835	-25,88	17,73
305	Shell-Thin	SLU-ENVE	Max	0	0	0	-24,0149	-8,817	36,1356	-35,08	17,73
305	Shell-Thin	SLU-ENVE	Max	0	0	0	-42,9042	-9,9735	39,6912	-35,08	17,53
305	Shell-Thin	SLU-ENVE	Min	0	0	0	-36,7485	-6,8092	32,9756	-29,07	15,35
305	Shell-Thin	SLU-ENVE	Min	0	0	0	-20,9636	-5,9702	30,0475	-29,07	15,39
305	Shell-Thin	SLU-ENVE	Min	0	0	0	-27,9586	-11,1613	29,0799	-39,44	15,39
305	Shell-Thin	SLU-ENVE	Min	0	0	0	-48,9243	-11,7905	32,0081	-39,44	15,35
305	Shell-Thin	SLE-ENVE	Max	0	0	0	-20,682	-3,2686	22,6795	-17,31	9,72
305	Shell-Thin	SLE-ENVE	Max	0	0	0	-11,4874	-2,561	20,7135	-17,31	9,81
305	Shell-Thin	SLE-ENVE	Max	0	0	0	-14,6801	-5,1999	20,0195	-22,26	9,81
305	Shell-Thin	SLE-ENVE	Max	0	0	0	-26,3486	-6,0818	21,9855	-22,26	9,72
305	Shell-Thin	SLE-ENVE	Min	0	0	0	-22,9544	-4,3194	18,2623	-18,51	8,5
305	Shell-Thin	SLE-ENVE	Min	0	0	0	-13,0073	-3,6244	16,6438	-18,51	8,51
305	Shell-Thin	SLE-ENVE	Min	0	0	0	-16,871	-6,5071	16,1057	-24,26	8,51
305	Shell-Thin	SLE-ENVE	Min	0	0	0	-29,695	-7,0966	17,7242	-24,26	8,5
306	Shell-Thin	SLU-ENVE	Max	0	0	0	-42,9097	-10,0008	38,4555	-34,46	17,39
306	Shell-Thin	SLU-ENVE	Max	0	0	0	-24,0158	-8,8215	34,4568	-34,46	15,76
306	Shell-Thin	SLU-ENVE	Max	0	0	0	-30,3267	-12,3367	32,8982	-44,85	15,76
306	Shell-Thin	SLU-ENVE	Max	0	0	0	-54,1536	-14,4092	36,8969	-44,85	17,39
306	Shell-Thin	SLU-ENVE	Min	0	0	0	-48,925	-11,7944	31,1374	-38,82	15,19
306	Shell-Thin	SLU-ENVE	Min	0	0	0	-27,9587	-11,1617	27,8103	-38,82	13,68
306	Shell-Thin	SLU-ENVE	Min	0	0	0	-35,475	-15,0443	26,7078	-50,57	13,68
306	Shell-Thin	SLU-ENVE	Min	0	0	0	-62,3184	-16,4922	30,0348	-50,57	15,19
306	Shell-Thin	SLE-ENVE	Max	0	0	0	-26,3516	-6,0971	21,2982	-22,13	9,62
306	Shell-Thin	SLE-ENVE	Max	0	0	0	-14,6807	-5,2028	19,0926	-22,13	8,66
306	Shell-Thin	SLE-ENVE	Max	0	0	0	-18,1591	-7,1247	18,2351	-27,57	8,66
306	Shell-Thin	SLE-ENVE	Max	0	0	0	-32,5491	-8,5429	20,4407	-27,57	9,62
306	Shell-Thin	SLE-ENVE	Min	0	0	0	-29,6955	-7,0988	17,2398	-23,93	8,37
306	Shell-Thin	SLE-ENVE	Min	0	0	0	-16,8711	-6,5078	15,406	-23,93	7,51
306	Shell-Thin	SLE-ENVE	Min	0	0	0	-21,0164	-8,6325	14,8019	-30,42	7,51
306	Shell-Thin	SLE-ENVE	Min	0	0	0	-37,0827	-9,7035	16,6357	-30,42	8,37
330	Shell-Thin	SLU-ENVE	Max	0	0	0	-54,1438	-14,3607	35,5239	-44,29	10,74
330	Shell-Thin	SLU-ENVE	Max	0	0	0	-30,3267	-12,3366	30,9293	-44,29	10,53
330	Shell-Thin	SLU-ENVE	Max	0	0	0	-37,0335	-12,9821	29,031	-55,93	10,53
330	Shell-Thin	SLU-ENVE	Max	0	0	0	-66,553	-14,6745	33,6256	-55,93	10,74
330	Shell-Thin	SLU-ENVE	Min	0	0	0	-62,3105	-16,4527	29,163	-49,87	8,51
330	Shell-Thin	SLU-ENVE	Min	0	0	0	-35,4755	-15,0471	25,2204	-49,87	9,18
330	Shell-Thin	SLU-ENVE	Min	0	0	0	-43,4207	-15,7192	23,7723	-62,78	9,18
330	Shell-Thin	SLU-ENVE	Min	0	0	0	-76,7087	-17,2262	27,7149	-62,78	8,51
330	Shell-Thin	SLE-ENVE	Max	0	0	0	-32,5437	-8,5159	19,6921	-27,2	5,8
330	Shell-Thin	SLE-ENVE	Max	0	0	0	-18,1593	-7,1258	17,1561	-27,2	5,67
330	Shell-Thin	SLE-ENVE	Max	0	0	0	-21,867	-7,4128	16,1209	-33,41	5,67
330	Shell-Thin	SLE-ENVE	Max	0	0	0	-39,3592	-8,6264	18,657	-33,41	5,8
330	Shell-Thin	SLE-ENVE	Min	0	0	0	-37,0783	-9,6818	16,1658	-30,05	4,57
330	Shell-Thin	SLE-ENVE	Min	0	0	0	-21,017	-8,6353	13,99	-30,05	4,93
330	Shell-Thin	SLE-ENVE	Min	0	0	0	-25,4098	-8,9347	13,2043	-37,09	4,93
330	Shell-Thin	SLE-ENVE	Min	0	0	0	-44,9916	-10,0481	15,3801	-37,09	4,57
332	Shell-Thin	SLU-ENVE	Max	0	0	0	-79,3366	-9,3587	26,4876	-66,83	-6,65
332	Shell-Thin	SLU-ENVE	Max	0	0	0	-43,5213	-9,2178	22,2445	-66,83	-12,79
332	Shell-Thin	SLU-ENVE	Max	0	0	0	-49,0037	0,8439	19,4598	-72,27	-12,79

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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
332	Shell-Thin	SLU-ENVE	Max	0	0	0	-87,5397	-2,4812	23,7028	-72,27	-6,65
332	Shell-Thin	SLU-ENVE	Min	0	0	0	-92,122	-11,1334	21,7246	-76,56	-8,02
332	Shell-Thin	SLU-ENVE	Min	0	0	0	-51,0593	-11,2032	18,1724	-76,56	-15,61
332	Shell-Thin	SLU-ENVE	Min	0	0	0	-57,7274	0,7302	15,7728	-82,5	-15,61
332	Shell-Thin	SLU-ENVE	Min	0	0	0	-101,7602	-2,8782	19,325	-82,5	-8,02
332	Shell-Thin	SLE-ENVE	Max	0	0	0	-46,4281	-5,4256	14,7318	-39,12	-3,96
332	Shell-Thin	SLE-ENVE	Max	0	0	0	-25,4862	-5,2148	12,3442	-39,12	-7,26
332	Shell-Thin	SLE-ENVE	Max	0	0	0	-28,5459	0,4842	10,7517	-42,28	-7,26
332	Shell-Thin	SLE-ENVE	Max	0	0	0	-51,0662	-1,439	13,1393	-42,28	-3,96
332	Shell-Thin	SLE-ENVE	Min	0	0	0	-53,515	-6,4132	12,0895	-44,51	-4,73
332	Shell-Thin	SLE-ENVE	Min	0	0	0	-29,6661	-6,3173	10,0849	-44,51	-8,83
332	Shell-Thin	SLE-ENVE	Min	0	0	0	-33,3833	0,4214	8,7055	-47,94	-8,83
332	Shell-Thin	SLE-ENVE	Min	0	0	0	-58,9471	-1,6583	10,7101	-47,94	-4,73
404	Shell-Thin	SLU-ENVE	Max	0	0	0	-18,2186	-4,0464	35,0227	-19,67	13,88
404	Shell-Thin	SLU-ENVE	Max	0	0	0	-7,1742	-4,3559	33,3976	-19,67	14,46
404	Shell-Thin	SLU-ENVE	Max	0	0	0	-9,6176	-9,2262	31,8459	-26,36	14,46
404	Shell-Thin	SLU-ENVE	Max	0	0	0	-24,0072	-8,8155	33,4709	-26,36	13,88
404	Shell-Thin	SLU-ENVE	Min	0	0	0	-20,9421	-5,9664	28,1194	-21,76	12,16
404	Shell-Thin	SLU-ENVE	Min	0	0	0	-8,5095	-6,5351	26,806	-21,76	12,37
404	Shell-Thin	SLU-ENVE	Min	0	0	0	-11,4882	-12,1396	25,5962	-29,81	12,37
404	Shell-Thin	SLU-ENVE	Min	0	0	0	-27,9472	-11,159	26,9096	-29,81	12,16
404	Shell-Thin	SLE-ENVE	Max	0	0	0	-11,4806	-2,5597	19,4082	-12,77	7,68
404	Shell-Thin	SLE-ENVE	Max	0	0	0	-4,4241	-2,5466	18,511	-12,77	7,98
404	Shell-Thin	SLE-ENVE	Max	0	0	0	-5,7714	-5,2322	17,6518	-16,47	7,98
404	Shell-Thin	SLE-ENVE	Max	0	0	0	-14,6765	-5,1992	18,549	-16,47	7,68
404	Shell-Thin	SLE-ENVE	Min	0	0	0	-12,9957	-3,6223	15,5782	-13,94	6,71
404	Shell-Thin	SLE-ENVE	Min	0	0	0	-5,1665	-3,7627	14,8535	-13,94	6,82
404	Shell-Thin	SLE-ENVE	Min	0	0	0	-6,8102	-6,8552	14,1843	-18,39	6,82
404	Shell-Thin	SLE-ENVE	Min	0	0	0	-16,8653	-6,506	14,9089	-18,39	6,71
405	Shell-Thin	SLU-ENVE	Max	0	0	0	-24,0081	-8,8199	31,8199	-25,69	11,55
405	Shell-Thin	SLU-ENVE	Max	0	0	0	-9,6275	-9,2758	29,9272	-25,69	11,59
405	Shell-Thin	SLU-ENVE	Max	0	0	0	-12,2335	-12,7504	27,9369	-33,05	11,59
405	Shell-Thin	SLU-ENVE	Max	0	0	0	-30,295	-12,3303	29,8295	-33,05	11,55
405	Shell-Thin	SLU-ENVE	Min	0	0	0	-27,9473	-11,1594	25,6568	-28,91	10,14
405	Shell-Thin	SLU-ENVE	Min	0	0	0	-11,4999	-12,198	24,0952	-28,91	10,07
405	Shell-Thin	SLU-ENVE	Min	0	0	0	-14,6346	-16,1018	22,561	-37,66	10,07
405	Shell-Thin	SLU-ENVE	Min	0	0	0	-35,4543	-15,0402	24,1226	-37,66	10,14
405	Shell-Thin	SLE-ENVE	Max	0	0	0	-14,6771	-5,2021	17,6377	-16,11	6,34
405	Shell-Thin	SLE-ENVE	Max	0	0	0	-5,7769	-5,26	16,5912	-16,11	6,35
405	Shell-Thin	SLE-ENVE	Max	0	0	0	-7,2175	-7,1501	15,494	-20,16	6,35
405	Shell-Thin	SLE-ENVE	Max	0	0	0	-18,1421	-7,1213	16,5405	-20,16	6,34
405	Shell-Thin	SLE-ENVE	Min	0	0	0	-16,8654	-6,5066	14,2188	-17,9	5,55
405	Shell-Thin	SLE-ENVE	Min	0	0	0	-6,8168	-6,8878	13,3555	-17,9	5,51
405	Shell-Thin	SLE-ENVE	Min	0	0	0	-8,55	-9,0147	12,5114	-22,72	5,51
405	Shell-Thin	SLE-ENVE	Min	0	0	0	-21,0057	-8,6303	13,3747	-22,72	5,55
406	Shell-Thin	SLU-ENVE	Max	0	0	0	-30,295	-12,3303	27,8441	-32,39	5,93
406	Shell-Thin	SLU-ENVE	Max	0	0	0	-12,241	-12,7881	25,5559	-32,39	5,69
406	Shell-Thin	SLU-ENVE	Max	0	0	0	-14,9978	-13,4237	23,1906	-40,37	5,69
406	Shell-Thin	SLU-ENVE	Max	0	0	0	-37,0428	-12,9839	25,4787	-40,37	5,93
406	Shell-Thin	SLU-ENVE	Min	0	0	0	-35,4548	-15,043	22,6145	-36,89	5,16
406	Shell-Thin	SLU-ENVE	Min	0	0	0	-14,6438	-16,1476	20,6881	-36,89	4,96
406	Shell-Thin	SLU-ENVE	Min	0	0	0	-17,9133	-16,7044	18,8303	-46,27	4,96

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
406	Shell-Thin	SLU-ENVE	Min	0	0	0	-43,4146	-15,718	20,7567	-46,27	5,16
406	Shell-Thin	SLE-ENVE	Max	0	0	0	-18,1424	-7,1225	15,4515	-19,8	3,15
406	Shell-Thin	SLE-ENVE	Max	0	0	0	-7,2217	-7,1709	14,1789	-19,8	3,05
406	Shell-Thin	SLE-ENVE	Max	0	0	0	-8,7567	-7,4684	12,8745	-24,18	3,05
406	Shell-Thin	SLE-ENVE	Max	0	0	0	-21,8718	-7,4138	14,147	-24,18	3,15
406	Shell-Thin	SLE-ENVE	Min	0	0	0	-21,0063	-8,6332	12,5504	-22,29	2,71
406	Shell-Thin	SLE-ENVE	Min	0	0	0	-8,5551	-9,0401	11,4782	-22,29	2,64
406	Shell-Thin	SLE-ENVE	Min	0	0	0	-10,3741	-9,2919	10,4552	-27,45	2,64
406	Shell-Thin	SLE-ENVE	Min	0	0	0	-25,406	-8,934	11,5275	-27,45	2,71
408	Shell-Thin	SLU-ENVE	Max	0	0	0	-43,7007	-9,2537	18,4266	-46,45	-14,26
408	Shell-Thin	SLU-ENVE	Max	0	0	0	-18,1776	-8,8413	14,9704	-46,45	-11,3
408	Shell-Thin	SLU-ENVE	Max	0	0	0	-22,7087	-0,3534	12,2566	-48,17	-11,3
408	Shell-Thin	SLU-ENVE	Max	0	0	0	-49,093	0,8288	15,7128	-48,17	-14,26
408	Shell-Thin	SLU-ENVE	Min	0	0	0	-51,3018	-11,2517	14,9938	-53,78	-17,25
408	Shell-Thin	SLU-ENVE	Min	0	0	0	-21,6978	-10,988	12,1575	-53,78	-14,2
408	Shell-Thin	SLU-ENVE	Min	0	0	0	-27,2591	-0,4317	9,8586	-55,66	-14,2
408	Shell-Thin	SLU-ENVE	Min	0	0	0	-57,8029	0,7123	12,6949	-55,66	-17,25
408	Shell-Thin	SLE-ENVE	Max	0	0	0	-25,581	-5,2338	10,2082	-27,44	-8,13
408	Shell-Thin	SLE-ENVE	Max	0	0	0	-10,5344	-4,8747	8,2844	-27,44	-6,2
408	Shell-Thin	SLE-ENVE	Max	0	0	0	-13,0297	-0,197	6,7269	-28,49	-6,2
408	Shell-Thin	SLE-ENVE	Max	0	0	0	-28,6047	0,474	8,6507	-28,49	-8,13
408	Shell-Thin	SLE-ENVE	Min	0	0	0	-29,7958	-6,3433	8,3033	-31,5	-9,79
408	Shell-Thin	SLE-ENVE	Min	0	0	0	-12,4871	-6,067	6,7234	-31,5	-7,81
408	Shell-Thin	SLE-ENVE	Min	0	0	0	-15,5539	-0,2404	5,396	-32,65	-7,81
408	Shell-Thin	SLE-ENVE	Min	0	0	0	-33,4344	0,4096	6,9758	-32,65	-9,79
447	Shell-Thin	SLU-ENVE	Max	0	0	0	-7,1663	-4,3544	32,6699	-11,67	11,45
447	Shell-Thin	SLU-ENVE	Max	0	0	0	0,0117	-5,5118	32,5488	-11,67	13,46
447	Shell-Thin	SLU-ENVE	Max	0	0	0	-0,0246	-11,1623	30,8371	-16,48	13,46
447	Shell-Thin	SLU-ENVE	Max	0	0	0	-9,6097	-9,2246	30,9582	-16,48	11,45
447	Shell-Thin	SLU-ENVE	Min	0	0	0	-8,4986	-6,5329	26,2327	-13,6	9,9
447	Shell-Thin	SLU-ENVE	Min	0	0	0	0,0103	-8,144	26,1547	-13,6	11,46
447	Shell-Thin	SLU-ENVE	Min	0	0	0	-0,0295	-14,7509	24,8115	-19,48	11,46
447	Shell-Thin	SLU-ENVE	Min	0	0	0	-11,4815	-12,1382	24,8895	-19,48	9,9
447	Shell-Thin	SLE-ENVE	Max	0	0	0	-4,4199	-2,5457	18,1099	-7,36	6,32
447	Shell-Thin	SLE-ENVE	Max	0	0	0	0,0064	-3,0996	18,0428	-7,36	7,42
447	Shell-Thin	SLE-ENVE	Max	0	0	0	-0,0138	-6,2124	17,0942	-10,02	7,42
447	Shell-Thin	SLE-ENVE	Max	0	0	0	-5,7671	-5,2314	17,1613	-10,02	6,32
447	Shell-Thin	SLE-ENVE	Min	0	0	0	-5,1606	-3,7616	14,5379	-8,44	5,46
447	Shell-Thin	SLE-ENVE	Min	0	0	0	0,0055	-4,5676	14,4948	-8,44	6,31
447	Shell-Thin	SLE-ENVE	Min	0	0	0	-0,0165	-8,2102	13,7509	-11,68	6,31
447	Shell-Thin	SLE-ENVE	Min	0	0	0	-6,8066	-6,8545	13,794	-11,68	5,46
448	Shell-Thin	SLU-ENVE	Max	0	0	0	-9,6196	-9,2743	29,0514	-15,65	8,41
448	Shell-Thin	SLU-ENVE	Max	0	0	0	0,0047	-11,0239	28,7514	-15,65	10,31
448	Shell-Thin	SLU-ENVE	Max	0	0	0	-0,0438	-15,2646	26,4741	-20,77	10,31
448	Shell-Thin	SLU-ENVE	Max	0	0	0	-12,2256	-12,7488	26,774	-20,77	8,41
448	Shell-Thin	SLU-ENVE	Min	0	0	0	-11,4932	-12,1967	23,397	-18,44	7,41
448	Shell-Thin	SLU-ENVE	Min	0	0	0	0,0031	-14,5803	23,1658	-18,44	8,94
448	Shell-Thin	SLU-ENVE	Min	0	0	0	-0,0514	-19,4331	21,3686	-24,6	8,94
448	Shell-Thin	SLU-ENVE	Min	0	0	0	-14,6282	-16,1005	21,5998	-24,6	7,41
448	Shell-Thin	SLE-ENVE	Max	0	0	0	-5,7727	-5,2591	16,1069	-9,56	4,59
448	Shell-Thin	SLE-ENVE	Max	0	0	0	0,0024	-6,1361	15,9385	-9,56	5,64
448	Shell-Thin	SLE-ENVE	Max	0	0	0	-0,0247	-8,4504	14,6781	-12,39	5,64

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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
448	Shell-Thin	SLE-ENVE	Max	0	0	0	-7,213	-7,1492	14,8466	-12,39	4,59
448	Shell-Thin	SLE-ENVE	Min	0	0	0	-6,8132	-6,8871	12,9697	-11,11	4
448	Shell-Thin	SLE-ENVE	Min	0	0	0	0,0015	-8,1159	12,8393	-11,11	4,89
448	Shell-Thin	SLE-ENVE	Min	0	0	0	-0,029	-10,7683	11,8455	-14,51	4,89
448	Shell-Thin	SLE-ENVE	Min	0	0	0	-8,5463	-9,014	11,9758	-14,51	4
449	Shell-Thin	SLU-ENVE	Max	0	0	0	-12,2331	-12,7866	24,3845	-20,05	2,35
449	Shell-Thin	SLU-ENVE	Max	0	0	0	-0,0204	-15,1478	23,7679	-20,05	3,11
449	Shell-Thin	SLU-ENVE	Max	0	0	0	-0,0104	-16,1301	21,0228	-25,58	3,11
449	Shell-Thin	SLU-ENVE	Max	0	0	0	-14,9921	-13,4225	21,6394	-25,58	2,35
449	Shell-Thin	SLU-ENVE	Min	0	0	0	-14,6374	-16,1464	19,7177	-23,74	1,92
449	Shell-Thin	SLU-ENVE	Min	0	0	0	-0,0235	-19,2932	19,2121	-23,74	2,6
449	Shell-Thin	SLU-ENVE	Min	0	0	0	-0,0132	-20,2314	17,0231	-30,3	2,6
449	Shell-Thin	SLU-ENVE	Min	0	0	0	-17,9064	-16,703	17,5286	-30,3	1,92
449	Shell-Thin	SLE-ENVE	Max	0	0	0	-7,2172	-7,17	13,5258	-11,99	1,2
449	Shell-Thin	SLE-ENVE	Max	0	0	0	-0,0118	-8,3854	13,1785	-11,99	1,63
449	Shell-Thin	SLE-ENVE	Max	0	0	0	-0,0055	-8,879	11,658	-15,07	1,63
449	Shell-Thin	SLE-ENVE	Max	0	0	0	-8,7522	-7,4675	12,0054	-15,07	1,2
449	Shell-Thin	SLE-ENVE	Min	0	0	0	-8,5514	-9,0393	10,9365	-14,04	0,97
449	Shell-Thin	SLE-ENVE	Min	0	0	0	-0,0134	-10,6906	10,6508	-14,04	1,35
449	Shell-Thin	SLE-ENVE	Min	0	0	0	-0,007	-11,1576	9,4389	-17,68	1,35
449	Shell-Thin	SLE-ENVE	Min	0	0	0	-10,3689	-9,2908	9,7246	-17,68	0,97
451	Shell-Thin	SLU-ENVE	Max	0	0	0	-18,115	-8,8288	11,9138	-31,03	-13,28
451	Shell-Thin	SLU-ENVE	Max	0	0	0	-0,2508	-13,0322	9,7233	-31,03	-24,1
451	Shell-Thin	SLU-ENVE	Max	0	0	0	0,7049	0,9668	6,8621	-42,45	-24,1
451	Shell-Thin	SLU-ENVE	Max	0	0	0	-23,0054	-0,4128	9,0525	-42,45	-13,28
451	Shell-Thin	SLU-ENVE	Min	0	0	0	-21,6189	-10,9722	9,6369	-36,89	-16,56
451	Shell-Thin	SLU-ENVE	Min	0	0	0	-0,3145	-16,251	7,8621	-36,89	-30,05
451	Shell-Thin	SLU-ENVE	Min	0	0	0	0,5691	0,7941	5,5112	-50,92	-30,05
451	Shell-Thin	SLU-ENVE	Min	0	0	0	-27,615	-0,5029	7,286	-50,92	-16,56
451	Shell-Thin	SLE-ENVE	Max	0	0	0	-10,4976	-4,8673	6,5793	-18,07	-7,32
451	Shell-Thin	SLE-ENVE	Max	0	0	0	-0,1357	-7,1341	5,3702	-18,07	-13,21
451	Shell-Thin	SLE-ENVE	Max	0	0	0	0,3878	0,5426	3,7613	-24,37	-13,21
451	Shell-Thin	SLE-ENVE	Max	0	0	0	-13,1985	-0,2308	4,9704	-24,37	-7,32
451	Shell-Thin	SLE-ENVE	Min	0	0	0	-12,4412	-6,0578	5,3158	-21,32	-9,14
451	Shell-Thin	SLE-ENVE	Min	0	0	0	-0,1711	-8,9212	4,3374	-21,32	-16,51
451	Shell-Thin	SLE-ENVE	Min	0	0	0	0,3125	0,4468	3,0117	-29,07	-16,51
451	Shell-Thin	SLE-ENVE	Min	0	0	0	-15,7555	-0,2807	3,99	-29,07	-9,14
467	Shell-Thin	SLU-ENVE	Max	0	0	0	0,0117	-5,2206	-	13,59	13,45
									17,9079		
467	Shell-Thin	SLU-ENVE	Max	0	0	0	-6,0215	-4,544	-	13,59	11,45
									17,9945		
467	Shell-Thin	SLU-ENVE	Max	0	0	0	-7,608	-7,2482	-	19,47	11,45
									17,0294		
467	Shell-Thin	SLU-ENVE	Max	0	0	0	-0,0159	-8,4798	-	19,47	13,45
									16,9429		
467	Shell-Thin	SLU-ENVE	Min	0	0	0	0,0057	-8,1375	-	10,12	6,69
									32,5307		
467	Shell-Thin	SLU-ENVE	Min	0	0	0	-8,4951	-6,5277	-	10,12	5,58
									32,6517		
467	Shell-Thin	SLU-ENVE	Min	0	0	0	-11,4764	-12,1305	-30,941	13,25	5,58
467	Shell-Thin	SLU-ENVE	Min	0	0	0	-0,0295	-14,7414	-30,82	13,25	6,69
467	Shell-Thin	SLE-ENVE	Max	0	0	0	0,0064	-2,922	-9,9214	8,43	7,42
467	Shell-Thin	SLE-ENVE	Max	0	0	0	-3,7815	-2,636	-9,97	8,43	6,32

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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
467	Shell-Thin	SLE-ENVE	Max	0	0	0	-4,6551	-4,1157	-9,4363	11,68	6,32
467	Shell-Thin	SLE-ENVE	Max	0	0	0	-0,0089	-4,7054	-9,3877	11,68	7,42
467	Shell-Thin	SLE-ENVE	Min	0	0	0	0,003	-4,5638	-	6,5	3,66
									18,0329		
467	Shell-Thin	SLE-ENVE	Min	0	0	0	-5,1587	-3,7585	-	6,5	3,06
									18,0998		
467	Shell-Thin	SLE-ENVE	Min	0	0	0	-6,8038	-6,8501	-	8,23	3,06
									17,1518		
467	Shell-Thin	SLE-ENVE	Min	0	0	0	-0,0164	-8,2048	-	8,23	3,66
									17,0848		
468	Shell-Thin	SLU-ENVE	Max	0	0	0	0,0046	-8,3869	-	18,43	10,3
									15,7734		
468	Shell-Thin	SLU-ENVE	Max	0	0	0	-7,6143	-7,2798	-	18,43	8,4
									15,9583		
468	Shell-Thin	SLU-ENVE	Max	0	0	0	-9,2748	-9,0272	-	24,59	8,4
									14,6849		
468	Shell-Thin	SLU-ENVE	Max	0	0	0	-0,0285	-10,6596	-14,5	24,59	10,3
468	Shell-Thin	SLU-ENVE	Min	0	0	0	0,0027	-14,5709	-	12,69	4,92
									28,7355		
468	Shell-Thin	SLU-ENVE	Min	0	0	0	-11,4881	-12,1889	-	12,69	3,86
									29,0353		
468	Shell-Thin	SLU-ENVE	Min	0	0	0	-14,6215	-16,0911	-	15,95	3,86
									26,7592		
468	Shell-Thin	SLU-ENVE	Min	0	0	0	-0,0514	-19,4215	-	15,95	4,92
									26,4595		
468	Shell-Thin	SLE-ENVE	Max	0	0	0	0,0024	-4,6541	-8,7404	11,11	5,64
468	Shell-Thin	SLE-ENVE	Max	0	0	0	-4,6587	-4,1334	-8,8457	11,11	4,59
468	Shell-Thin	SLE-ENVE	Max	0	0	0	-5,5768	-5,0638	-8,142	14,51	4,59
468	Shell-Thin	SLE-ENVE	Max	0	0	0	-0,0162	-5,8767	-8,0368	14,51	5,64
468	Shell-Thin	SLE-ENVE	Min	0	0	0	0,0013	-8,1106	-	7,91	2,66
									15,9297		
468	Shell-Thin	SLE-ENVE	Min	0	0	0	-6,8104	-6,8827	-	7,91	2,07
									16,0981		
468	Shell-Thin	SLE-ENVE	Min	0	0	0	-8,5426	-9,0088	-	9,71	2,07
									14,8385		
468	Shell-Thin	SLE-ENVE	Min	0	0	0	-0,029	-10,7618	-	9,71	2,66
									14,6701		
469	Shell-Thin	SLU-ENVE	Max	0	0	0	-0,0136	-10,585	-	23,73	3,11
									12,9944		
469	Shell-Thin	SLU-ENVE	Max	0	0	0	-9,2794	-9,0504	-	23,73	2,35
									13,3494		
469	Shell-Thin	SLU-ENVE	Max	0	0	0	-11,0277	-9,0385	-11,824	30,28	2,35
469	Shell-Thin	SLU-ENVE	Max	0	0	0	-0,0036	-10,7677	-11,469	30,28	3,11
469	Shell-Thin	SLU-ENVE	Min	0	0	0	-0,0235	-19,2817	-	15,48	1,08
									23,7548		
469	Shell-Thin	SLU-ENVE	Min	0	0	0	-14,6307	-16,137	-	15,48	0,69
									24,3711		
469	Shell-Thin	SLU-ENVE	Min	0	0	0	-17,898	-16,6937	-	19	0,69
									21,6275		
469	Shell-Thin	SLU-ENVE	Min	0	0	0	-0,0132	-20,2198	-	19	1,08
									21,0112		
469	Shell-Thin	SLE-ENVE	Max	0	0	0	-0,0079	-5,835	-7,2028	14,03	1,63
469	Shell-Thin	SLE-ENVE	Max	0	0	0	-5,5794	-5,0765	-7,4049	14,03	1,2
469	Shell-Thin	SLE-ENVE	Max	0	0	0	-6,5551	-5,018	-6,5603	17,68	1,2
469	Shell-Thin	SLE-ENVE	Max	0	0	0	-0,0016	-5,8888	-6,3581	17,68	1,63

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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
469	Shell-Thin	SLE-ENVE	Min	0	0	0	-0,0134	-10,6842	-	9,45	0,51
									13,1713		
469	Shell-Thin	SLE-ENVE	Min	0	0	0	-8,5477	-9,0341	-	9,45	0,29
									13,5185		
469	Shell-Thin	SLE-ENVE	Min	0	0	0	-10,3643	-9,2857	-	11,42	0,29
									11,9989		
469	Shell-Thin	SLE-ENVE	Min	0	0	0	-0,007	-11,1513	-	11,42	0,51
									11,6517		
471	Shell-Thin	SLU-ENVE	Max	0	0	0	-0,1559	-8,4916	-5,1815	36,87	-15,77
471	Shell-Thin	SLU-ENVE	Max	0	0	0	-13,0361	-5,7442	-6,3325	36,87	-8,63
471	Shell-Thin	SLU-ENVE	Max	0	0	0	-16,1816	-0,2779	-4,7055	50,89	-8,63
471	Shell-Thin	SLU-ENVE	Max	0	0	0	0,7045	0,9663	-3,5546	50,89	-15,77
471	Shell-Thin	SLU-ENVE	Min	0	0	0	-0,3144	-16,2417	-9,7179	22,51	-30,04
471	Shell-Thin	SLU-ENVE	Min	0	0	0	-21,6087	-10,9661	-	22,51	-16,55
									11,9072		
471	Shell-Thin	SLU-ENVE	Min	0	0	0	-27,6016	-0,5027	-9,0474	29,84	-16,55
471	Shell-Thin	SLU-ENVE	Min	0	0	0	0,3657	0,5457	-6,8582	29,84	-30,04
471	Shell-Thin	SLE-ENVE	Max	0	0	0	-0,0829	-4,6069	-2,8488	21,31	-8,57
471	Shell-Thin	SLE-ENVE	Max	0	0	0	-7,682	-3,1467	-3,4799	21,31	-4,72
471	Shell-Thin	SLE-ENVE	Max	0	0	0	-9,4118	-0,1561	-2,5555	29,06	-4,72
471	Shell-Thin	SLE-ENVE	Max	0	0	0	0,3876	0,5423	-1,9245	29,06	-8,57
471	Shell-Thin	SLE-ENVE	Min	0	0	0	-0,171	-8,9162	-5,3673	13,35	-16,5
471	Shell-Thin	SLE-ENVE	Min	0	0	0	-12,4356	-6,0545	-6,5757	13,35	-9,13
471	Shell-Thin	SLE-ENVE	Min	0	0	0	-15,7482	-0,2806	-4,9676	17,37	-9,13
471	Shell-Thin	SLE-ENVE	Min	0	0	0	0,1992	0,3091	-3,7592	17,37	-16,5
592	Shell-Thin	SLU-ENVE	Max	0	0	0	-6,0268	-4,545	-	21,76	14,45
									18,4021		
592	Shell-Thin	SLU-ENVE	Max	0	0	0	-16,2141	-4,7899	-	21,76	13,87
									19,2813		
592	Shell-Thin	SLU-ENVE	Max	0	0	0	-19,8893	-7,2822	-	29,81	13,87
									18,4032		
592	Shell-Thin	SLU-ENVE	Max	0	0	0	-7,611	-7,2488	-17,524	29,81	14,45
592	Shell-Thin	SLU-ENVE	Min	0	0	0	-8,506	-6,5299	-33,379	18,62	7,17
592	Shell-Thin	SLU-ENVE	Min	0	0	0	-20,935	-5,9629	-	18,62	6,74
									35,0032		
592	Shell-Thin	SLU-ENVE	Min	0	0	0	-27,9367	-11,1527	-	22,8	6,74
									33,4524		
592	Shell-Thin	SLU-ENVE	Min	0	0	0	-11,4832	-12,1319	-	22,8	7,17
									31,8282		
592	Shell-Thin	SLE-ENVE	Max	0	0	0	-3,7843	-2,6366	-	13,94	7,98
									10,1945		
592	Shell-Thin	SLE-ENVE	Max	0	0	0	-10,3602	-2,9593	-	13,94	7,67
									10,6794		
592	Shell-Thin	SLE-ENVE	Max	0	0	0	-12,3855	-4,3291	-	18,39	7,67
									10,1951		
592	Shell-Thin	SLE-ENVE	Max	0	0	0	-4,6567	-4,116	-9,7101	18,39	7,98
592	Shell-Thin	SLE-ENVE	Min	0	0	0	-5,1646	-3,7597	-	12,18	3,93
									18,5007		
592	Shell-Thin	SLE-ENVE	Min	0	0	0	-12,9917	-3,6203	-	12,18	3,71
									19,3975		
592	Shell-Thin	SLE-ENVE	Min	0	0	0	-16,8595	-6,5024	-	14,49	3,71
									18,5388		
592	Shell-Thin	SLE-ENVE	Min	0	0	0	-6,8074	-6,8508	-17,642	14,49	3,93
616	Shell-Thin	SLU-ENVE	Max	0	0	0	-7,6173	-7,2804	-	28,91	11,59
									16,4457		

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
616	Shell-Thin	SLU-ENVE	Max	0	0	0	-19,8893	-7,2821	-	28,91	11,54
									17,4613		
616	Shell-Thin	SLU-ENVE	Max	0	0	0	-23,7996	-9,0091	-	37,65	11,54
									16,3414		
616	Shell-Thin	SLU-ENVE	Max	0	0	0	-9,2768	-9,0276	-	37,65	11,59
									15,3257		
616	Shell-Thin	SLU-ENVE	Min	0	0	0	-11,4948	-12,1903	-	22,3	5,53
									29,9106		
616	Shell-Thin	SLU-ENVE	Min	0	0	0	-27,9368	-11,1531	-	22,3	5,49
									31,8023		
616	Shell-Thin	SLU-ENVE	Min	0	0	0	-35,44	-15,0323	-	26,81	5,49
									29,8131		
616	Shell-Thin	SLU-ENVE	Min	0	0	0	-14,6279	-16,0924	-	26,81	5,53
									27,9214		
616	Shell-Thin	SLE-ENVE	Max	0	0	0	-4,6602	-4,1337	-9,1158	17,9	6,34
616	Shell-Thin	SLE-ENVE	Max	0	0	0	-12,3855	-4,3295	-9,678	17,9	6,34
616	Shell-Thin	SLE-ENVE	Max	0	0	0	-14,537	-5,254	-9,0632	22,71	6,34
616	Shell-Thin	SLE-ENVE	Max	0	0	0	-5,5782	-5,064	-8,501	22,71	6,34
616	Shell-Thin	SLE-ENVE	Min	0	0	0	-6,814	-6,8834	-16,582	14,22	2,98
616	Shell-Thin	SLE-ENVE	Min	0	0	0	-16,8596	-6,503	-17,628	14,22	2,97
616	Shell-Thin	SLE-ENVE	Min	0	0	0	-20,9979	-8,6259	-	16,69	2,97
									16,5315		
616	Shell-Thin	SLE-ENVE	Min	0	0	0	-8,5463	-9,0095	-	16,69	2,98
									15,4855		
617	Shell-Thin	SLU-ENVE	Max	0	0	0	-9,2814	-9,0508	-	36,88	5,69
									13,9982		
617	Shell-Thin	SLU-ENVE	Max	0	0	0	-23,8012	-9,017	-	36,88	5,92
									15,2276		
617	Shell-Thin	SLU-ENVE	Max	0	0	0	-27,9441	-9,0239	-	46,25	5,92
									13,9076		
617	Shell-Thin	SLU-ENVE	Max	0	0	0	-11,0387	-9,0407	-	46,25	5,69
									12,6783		
617	Shell-Thin	SLU-ENVE	Min	0	0	0	-14,6371	-16,1383	-	26,4	2,44
									25,5419		
617	Shell-Thin	SLU-ENVE	Min	0	0	0	-35,4405	-15,0351	-	26,4	2,47
									27,8288		
617	Shell-Thin	SLU-ENVE	Min	0	0	0	-43,3962	-15,7103	-	31,17	2,47
									25,4648		
617	Shell-Thin	SLU-ENVE	Min	0	0	0	-17,905	-16,6951	-	31,17	2,44
									23,1779		
617	Shell-Thin	SLE-ENVE	Max	0	0	0	-5,5807	-5,0768	-7,7691	22,29	3,05
617	Shell-Thin	SLE-ENVE	Max	0	0	0	-14,538	-5,2592	-8,456	22,29	3,15
617	Shell-Thin	SLE-ENVE	Max	0	0	0	-16,8293	-5,1947	-7,7295	27,45	3,15
617	Shell-Thin	SLE-ENVE	Max	0	0	0	-6,5623	-5,0194	-7,0426	27,45	3,05
617	Shell-Thin	SLE-ENVE	Min	0	0	0	-8,5514	-9,0349	-	16,46	1,26
									14,1712		
617	Shell-Thin	SLE-ENVE	Min	0	0	0	-20,9984	-8,6288	-	16,46	1,24
									15,4431		
617	Shell-Thin	SLE-ENVE	Min	0	0	0	-25,3959	-8,9298	-	19,08	1,24
									14,1394		
617	Shell-Thin	SLE-ENVE	Min	0	0	0	-10,3695	-9,2867	-	19,08	1,26
									12,8675		
642	Shell-Thin	SLU-ENVE	Max	0	0	0	-13,0857	-5,7541	-7,9995	53,76	-7,31
642	Shell-Thin	SLU-ENVE	Max	0	0	0	-32,187	-6,2614	-9,8597	53,76	-9,81
642	Shell-Thin	SLU-ENVE	Max	0	0	0	-35,7653	0,8285	-8,1902	55,64	-9,81
642	Shell-Thin	SLU-ENVE	Max	0	0	0	-15,9795	-0,2375	-6,33	55,64	-7,31

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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
642	Shell-Thin	SLU-ENVE	Min	0	0	0	-21,6876	-10,9819	-	34,86	-14,19
									14,9622		
642	Shell-Thin	SLU-ENVE	Min	0	0	0	-51,2794	-11,2464	-	34,86	-17,24
									18,4167		
642	Shell-Thin	SLU-ENVE	Min	0	0	0	-57,7774	0,5063	-	36,23	-17,24
									15,7041		
642	Shell-Thin	SLU-ENVE	Min	0	0	0	-27,2458	-0,4315	-	36,23	-14,19
									12,2497		
642	Shell-Thin	SLE-ENVE	Max	0	0	0	-7,7112	-3,1525	-4,4126	31,49	-3,97
642	Shell-Thin	SLE-ENVE	Max	0	0	0	-19,2008	-3,5621	-5,449	31,49	-5,64
642	Shell-Thin	SLE-ENVE	Max	0	0	0	-21,2149	0,4738	-4,4695	32,63	-5,64
642	Shell-Thin	SLE-ENVE	Max	0	0	0	-9,2959	-0,1329	-3,4332	32,63	-3,97
642	Shell-Thin	SLE-ENVE	Min	0	0	0	-12,4814	-6,0637	-8,2799	21,02	-7,8
642	Shell-Thin	SLE-ENVE	Min	0	0	0	-29,7836	-6,3404	-	21,02	-9,78
									10,2028		
642	Shell-Thin	SLE-ENVE	Min	0	0	0	-33,4206	0,2964	-8,646	21,88	-9,78
642	Shell-Thin	SLE-ENVE	Min	0	0	0	-15,5467	-0,2403	-6,7231	21,88	-7,8
824	Shell-Thin	SLU-ENVE	Max	0	0	0	-16,2232	-4,7918	-	29,07	17,73
									20,5465		
824	Shell-Thin	SLU-ENVE	Max	0	0	0	-30,5223	-6,0232	-	29,07	17,52
									22,4187		
824	Shell-Thin	SLU-ENVE	Max	0	0	0	-36,8059	-8,5874	-	39,43	17,52
									21,6911		
824	Shell-Thin	SLU-ENVE	Max	0	0	0	-19,8943	-7,2832	-	39,43	17,73
									19,8189		
824	Shell-Thin	SLU-ENVE	Min	0	0	0	-20,9565	-5,9667	-	25,87	8,73
									37,3628		
824	Shell-Thin	SLU-ENVE	Min	0	0	0	-36,7377	-6,8075	-	25,87	8,45
									40,9169		
824	Shell-Thin	SLU-ENVE	Min	0	0	0	-48,9086	-11,7848	-39,67	32,37	8,45
824	Shell-Thin	SLU-ENVE	Min	0	0	0	-27,9481	-11,155	-	32,37	8,73
									36,1159		
824	Shell-Thin	SLE-ENVE	Max	0	0	0	-10,3649	-2,9603	-	18,5	9,81
									11,3782		
824	Shell-Thin	SLE-ENVE	Max	0	0	0	-19,4765	-3,993	-	18,5	9,72
									12,4115		
824	Shell-Thin	SLE-ENVE	Max	0	0	0	-22,9475	-5,2942	-	24,26	9,72
									12,0079		
824	Shell-Thin	SLE-ENVE	Max	0	0	0	-12,3876	-4,3296	-	24,26	9,81
									10,9747		
824	Shell-Thin	SLE-ENVE	Min	0	0	0	-13,0033	-3,6224	-	17,42	4,81
									20,7022		
824	Shell-Thin	SLE-ENVE	Min	0	0	0	-22,9482	-4,3184	-	17,42	4,67
									22,6674		
824	Shell-Thin	SLE-ENVE	Min	0	0	0	-29,6863	-7,0933	-	20,31	4,67
									21,9739		
824	Shell-Thin	SLE-ENVE	Min	0	0	0	-16,8652	-6,5035	-	20,31	4,81
									20,0087		
829	Shell-Thin	SLU-ENVE	Max	0	0	0	-19,8943	-7,2831	-	38,81	15,76
									18,8629		
829	Shell-Thin	SLU-ENVE	Max	0	0	0	-36,8058	-8,5869	-	38,81	17,39
									20,9472		
829	Shell-Thin	SLU-ENVE	Max	0	0	0	-43,6649	-10,7016	-	50,56	17,39
									20,0391		
829	Shell-Thin	SLU-ENVE	Max	0	0	0	-23,8086	-9,0109	-	50,56	15,76
									17,9548		

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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
829	Shell-Thin	SLU-ENVE	Min	0	0	0	-27,9481	-11,1554	-34,438	32,01	7,62
829	Shell-Thin	SLU-ENVE	Min	0	0	0	-48,9093	-11,7885	-	32,01	8,4
									38,4348		
829	Shell-Thin	SLU-ENVE	Min	0	0	0	-62,2964	-16,4844	-	37,9	8,4
									36,8768		
829	Shell-Thin	SLU-ENVE	Min	0	0	0	-35,4606	-15,0364	-	37,9	7,62
									32,8801		
829	Shell-Thin	SLE-ENVE	Max	0	0	0	-12,3877	-4,3299	-	23,93	8,66
									10,4495		
829	Shell-Thin	SLE-ENVE	Max	0	0	0	-22,9476	-5,2946	-	23,93	9,62
									11,5961		
829	Shell-Thin	SLE-ENVE	Max	0	0	0	-26,7157	-6,4611	-	30,41	9,62
									11,1011		
829	Shell-Thin	SLE-ENVE	Max	0	0	0	-14,5418	-5,2549	-9,9545	30,41	8,66
829	Shell-Thin	SLE-ENVE	Min	0	0	0	-16,8653	-6,5041	-	20,13	4,14
									19,0823		
829	Shell-Thin	SLE-ENVE	Min	0	0	0	-29,6867	-7,0953	-	20,13	4,63
									21,2868		
829	Shell-Thin	SLE-ENVE	Min	0	0	0	-37,0706	-9,6992	-	23,36	4,63
									20,4296		
829	Shell-Thin	SLE-ENVE	Min	0	0	0	-21,0085	-8,6281	-	23,36	4,14
									18,2251		
830	Shell-Thin	SLU-ENVE	Max	0	0	0	-23,8102	-9,0188	-	49,86	10,53
									16,8391		
830	Shell-Thin	SLU-ENVE	Max	0	0	0	-43,6613	-10,6834	-	49,86	10,73
									19,2332		
830	Shell-Thin	SLU-ENVE	Max	0	0	0	-51,0744	-10,9883	-	62,76	10,73
									18,1984		
830	Shell-Thin	SLU-ENVE	Max	0	0	0	-27,9512	-9,0253	-	62,76	10,53
									15,8043		
830	Shell-Thin	SLU-ENVE	Min	0	0	0	-35,4612	-15,0392	-	37,63	4,8
									30,9123		
830	Shell-Thin	SLU-ENVE	Min	0	0	0	-62,2886	-16,4451	-	37,63	5,4
									35,5042		
830	Shell-Thin	SLU-ENVE	Min	0	0	0	-76,6781	-17,2197	-33,607	44,18	5,4
830	Shell-Thin	SLU-ENVE	Min	0	0	0	-43,4023	-15,7115	-	44,18	4,8
									29,0151		
830	Shell-Thin	SLE-ENVE	Max	0	0	0	-14,5429	-5,2602	-9,3474	30,05	5,67
830	Shell-Thin	SLE-ENVE	Max	0	0	0	-26,7136	-6,4509	-	30,05	5,8
									10,6699		
830	Shell-Thin	SLE-ENVE	Max	0	0	0	-30,7762	-6,5408	-	37,08	5,8
									10,1102		
830	Shell-Thin	SLE-ENVE	Max	0	0	0	-16,8332	-5,1955	-8,7877	37,08	5,67
830	Shell-Thin	SLE-ENVE	Min	0	0	0	-21,0091	-8,6309	-	23,22	2,52
									17,1468		
830	Shell-Thin	SLE-ENVE	Min	0	0	0	-37,0663	-9,6775	-	23,22	2,82
									19,6813		
830	Shell-Thin	SLE-ENVE	Min	0	0	0	-44,9749	-10,0447	-	26,77	2,82
									18,6468		
830	Shell-Thin	SLE-ENVE	Min	0	0	0	-25,3997	-8,9306	-	26,77	2,52
									16,1122		
832	Shell-Thin	SLU-ENVE	Max	0	0	0	-32,093	-6,2426	-	76,53	-8,68
									11,9591		
832	Shell-Thin	SLU-ENVE	Max	0	0	0	-59,2013	-7,0191	-14,389	76,53	-5,56
832	Shell-Thin	SLU-ENVE	Max	0	0	0	-64,893	-1,8113	-	82,46	-5,56
									12,6905		

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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
832	Shell-Thin	SLU-ENVE	Max	0	0	0	-35,6699	0,8436	-	82,46	-8,68
									10,2605		
832	Shell-Thin	SLU-ENVE	Min	0	0	0	-51,0369	-11,1979	-	50,82	-15,6
									22,2329		
832	Shell-Thin	SLU-ENVE	Min	0	0	0	-92,0846	-11,1287	-	50,82	-8,02
									26,4739		
832	Shell-Thin	SLU-ENVE	Min	0	0	0	-101,7179	-2,8772	-	55,05	-8,02
									23,6903		
832	Shell-Thin	SLU-ENVE	Min	0	0	0	-57,702	0,5254	-	55,05	-15,6
									19,4493		
832	Shell-Thin	SLE-ENVE	Max	0	0	0	-19,153	-3,5526	-6,6309	44,5	-4,96
832	Shell-Thin	SLE-ENVE	Max	0	0	0	-35,2776	-4,102	-8,0112	44,5	-3,3
832	Shell-Thin	SLE-ENVE	Max	0	0	0	-38,5244	-1,0703	-7,0173	47,93	-3,3
832	Shell-Thin	SLE-ENVE	Max	0	0	0	-21,1528	0,484	-5,637	47,93	-4,96
832	Shell-Thin	SLE-ENVE	Min	0	0	0	-29,6539	-6,3145	-	30,26	-8,82
									12,3379		
832	Shell-Thin	SLE-ENVE	Min	0	0	0	-53,4947	-6,4107	-	30,26	-4,73
									14,7244		
832	Shell-Thin	SLE-ENVE	Min	0	0	0	-58,9242	-1,6578	-	32,76	-4,73
									13,1325		
832	Shell-Thin	SLE-ENVE	Min	0	0	0	-33,3695	0,3088	-10,746	32,76	-8,82
1029	Shell-Thin	SLU-ENVE	Max	0	0	0	-30,5489	-6,0313	-	33,56	22,42
									24,6998		
1029	Shell-Thin	SLU-ENVE	Max	0	0	0	-47,7082	-8,4227	-	33,56	22,45
									27,7633		
1029	Shell-Thin	SLU-ENVE	Max	0	0	0	-57,013	-11,2539	-	45,75	22,45
									27,3541		
1029	Shell-Thin	SLU-ENVE	Max	0	0	0	-36,8536	-8,5969	-	45,75	22,42
									24,2906		
1029	Shell-Thin	SLU-ENVE	Min	0	0	0	-36,7587	-6,8122	-	29,06	10,84
									45,3006		
1029	Shell-Thin	SLU-ENVE	Min	0	0	0	-53,9145	-9,4027	-	29,06	10,47
									51,2912		
1029	Shell-Thin	SLU-ENVE	Min	0	0	0	-72,5119	-14,3697	-	39,5	10,47
									50,6626		
1029	Shell-Thin	SLU-ENVE	Min	0	0	0	-49,0078	-11,8047	-44,672	39,5	10,84
1029	Shell-Thin	SLE-ENVE	Max	0	0	0	-19,4925	-3,9962	-13,674	21,95	12,45
1029	Shell-Thin	SLE-ENVE	Max	0	0	0	-30,6788	-5,8929	-	21,95	12,48
									15,3702		
1029	Shell-Thin	SLE-ENVE	Max	0	0	0	-35,8398	-7,0998	-	28,78	12,48
									15,1383		
1029	Shell-Thin	SLE-ENVE	Max	0	0	0	-22,9753	-5,2997	-	28,78	12,45
									13,4421		
1029	Shell-Thin	SLE-ENVE	Min	0	0	0	-22,9603	-4,3212	-	21,41	6
									25,0974		
1029	Shell-Thin	SLE-ENVE	Min	0	0	0	-34,1601	-6,0759	-	21,41	5,81
									28,4197		
1029	Shell-Thin	SLE-ENVE	Min	0	0	0	-44,4895	-8,848	-	25,26	5,81
									28,0622		
1029	Shell-Thin	SLE-ENVE	Min	0	0	0	-29,7419	-7,1044	-	25,26	6
									24,7399		
1030	Shell-Thin	SLU-ENVE	Max	0	0	0	-36,8535	-8,5965	-	44,66	22,61
									23,5245		
1030	Shell-Thin	SLU-ENVE	Max	0	0	0	-57,0036	-11,2066	-	44,66	23,82
									26,9781		

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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
1030	Shell-Thin	SLU-ENVE	Max	0	0	0	-67,8018	-13,6467	-	60,8	23,82
									26,2902		
1030	Shell-Thin	SLU-ENVE	Max	0	0	0	-43,5365	-10,6759	-	60,8	22,61
									22,8365		
1030	Shell-Thin	SLU-ENVE	Min	0	0	0	-49,0085	-11,8083	-	38,92	11,07
									43,4173		
1030	Shell-Thin	SLU-ENVE	Min	0	0	0	-72,4879	-14,2495	-	38,92	11,79
									50,1047		
1030	Shell-Thin	SLU-ENVE	Min	0	0	0	-93,558	-19,4703	-	47,15	11,79
									48,9545		
1030	Shell-Thin	SLU-ENVE	Min	0	0	0	-62,0057	-16,4262	-	47,15	11,07
									42,2671		
1030	Shell-Thin	SLE-ENVE	Max	0	0	0	-22,9754	-5,3001	-	28,18	12,51
									13,0167		
1030	Shell-Thin	SLE-ENVE	Max	0	0	0	-35,8333	-7,0674	-	28,18	13,23
									14,9201		
1030	Shell-Thin	SLE-ENVE	Max	0	0	0	-41,813	-8,4392	-	37,21	13,23
									14,5356		
1030	Shell-Thin	SLE-ENVE	Max	0	0	0	-26,6354	-6,445	-	37,21	12,51
									12,6322		
1030	Shell-Thin	SLE-ENVE	Min	0	0	0	-29,7423	-7,1064	-	24,95	6,1
									24,0409		
1030	Shell-Thin	SLE-ENVE	Min	0	0	0	-44,4754	-8,7776	-	24,95	6,55
									27,7377		
1030	Shell-Thin	SLE-ENVE	Min	0	0	0	-56,1539	-11,6963	-	29,59	6,55
									27,0929		
1030	Shell-Thin	SLE-ENVE	Min	0	0	0	-36,9039	-9,6658	-	29,59	6,1
									23,3962		
1031	Shell-Thin	SLU-ENVE	Max	0	0	0	-43,5329	-10,6578	-	62,58	16,73
									22,0338		
1031	Shell-Thin	SLU-ENVE	Max	0	0	0	-67,8617	-13,9464	-	62,58	24,98
									25,7877		
1031	Shell-Thin	SLU-ENVE	Max	0	0	0	-78,45	-16,3848	-	72,27	24,98
									25,4427		
1031	Shell-Thin	SLU-ENVE	Max	0	0	0	-51,5353	-11,0805	-	72,27	16,73
									21,6888		
1031	Shell-Thin	SLU-ENVE	Min	0	0	0	-61,9978	-16,3869	-	47,97	8,35
									40,8825		
1031	Shell-Thin	SLU-ENVE	Min	0	0	0	-93,6969	-20,1645	-48,2	47,97	12,38
1031	Shell-Thin	SLU-ENVE	Min	0	0	0	-114,3041	-25,3395	-	53,14	12,38
									47,7901		
1031	Shell-Thin	SLU-ENVE	Min	0	0	0	-77,7594	-17,436	-	53,14	8,35
									40,4726		
1031	Shell-Thin	SLE-ENVE	Max	0	0	0	-26,6333	-6,4348	-	38,25	9,09
									12,2042		
1031	Shell-Thin	SLE-ENVE	Max	0	0	0	-41,8488	-8,6184	-	38,25	13,81
									14,2535		
1031	Shell-Thin	SLE-ENVE	Max	0	0	0	-47,5694	-9,9826	-	43,47	13,81
									14,0918		
1031	Shell-Thin	SLE-ENVE	Max	0	0	0	-31,0546	-6,5965	-	43,47	9,09
									12,0425		
1031	Shell-Thin	SLE-ENVE	Min	0	0	0	-36,8995	-9,6441	-	30,11	4,42
									22,6413		
1031	Shell-Thin	SLE-ENVE	Min	0	0	0	-56,2319	-12,0863	-	30,11	6,83
									26,6618		
1031	Shell-Thin	SLE-ENVE	Min	0	0	0	-67,5285	-14,9722	-	32,71	6,83
									26,4519		

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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
1031	Shell-Thin	SLE-ENVE	Min	0	0	0	-45,5831	-10,1664	-	32,71	4,42
									22,4314		
1033	Shell-Thin	SLU-ENVE	Max	0	0	0	-61,149	-7,4087	-18,369	66,97	9,81
1033	Shell-Thin	SLU-ENVE	Max	0	0	0	-89,1502	-16,2498	-	66,97	-28,92
									26,7832		
1033	Shell-Thin	SLU-ENVE	Max	0	0	0	-122,4714	10,3747	-	185,04	-28,92
									23,3021		
1033	Shell-Thin	SLU-ENVE	Max	0	0	0	-62,4231	-1,3173	-	185,04	9,81
									14,8879		
1033	Shell-Thin	SLU-ENVE	Min	0	0	0	-95,733	-11,8584	-	49,04	4,65
									33,1905		
1033	Shell-Thin	SLU-ENVE	Min	0	0	-	-134,9901	-24,0327	-	49,04	-39,26
						1,007E-20			47,9704		
1033	Shell-Thin	SLU-ENVE	Min	0	0	0	-195,5512	6,623	-	113,13	-39,26
									42,2005		
1033	Shell-Thin	SLU-ENVE	Min	0	0	0	-97,259	-1,9854	-	113,13	4,65
									27,4206		
1033	Shell-Thin	SLE-ENVE	Max	0	0	0	-36,4224	-4,3309	-	39,57	5,22
									10,2618		
1033	Shell-Thin	SLE-ENVE	Max	0	0	0	-53,2032	-9,8136	-	39,57	-17,88
									15,0366		
1033	Shell-Thin	SLE-ENVE	Max	0	0	0	-71,9897	5,9737	-	105,36	-17,88
									13,0496		
1033	Shell-Thin	SLE-ENVE	Max	0	0	0	-37,1033	-0,7861	-8,2748	105,36	5,22
1033	Shell-Thin	SLE-ENVE	Min	0	0	0	-55,5673	-6,8253	-18,494	29,59	2,46
1033	Shell-Thin	SLE-ENVE	Min	0	0	0	-78,6045	-14,1355	-	29,59	-23,66
									26,7744		
1033	Shell-Thin	SLE-ENVE	Min	0	0	0	-112,3477	3,9007	-	65,8	-23,66
									23,5216		
1033	Shell-Thin	SLE-ENVE	Min	0	0	0	-56,4144	-1,1558	-	65,8	2,46
									15,2412		
1049	Shell-Thin	SLU-ENVE	Max	0	0	0	-47,6679	-9,2645	-	39,21	26,29
									10,4573		
1049	Shell-Thin	SLU-ENVE	Max	0	0	0	-56,3891	-11,247	-	39,21	29,69
									12,4398		
1049	Shell-Thin	SLU-ENVE	Max	0	0	0	-67,9845	-13,7173	-	64,97	29,69
									12,5797		
1049	Shell-Thin	SLU-ENVE	Max	0	0	0	-56,9506	-11,3415	-	64,97	26,29
									10,5972		
1049	Shell-Thin	SLU-ENVE	Min	0	0	0	-53,903	-10,2671	-	32,56	11,84
									19,5649		
1049	Shell-Thin	SLU-ENVE	Min	0	0	0	-61,8881	-12,2928	-	32,56	12,37
									24,0421		
1049	Shell-Thin	SLU-ENVE	Min	0	0	0	-88,4164	-18,1506	-	44,35	12,37
									24,4309		
1049	Shell-Thin	SLU-ENVE	Min	0	0	0	-72,3679	-14,4302	-	44,35	11,84
									19,9537		
1049	Shell-Thin	SLE-ENVE	Max	0	0	0	-30,6551	-6,0516	-5,7897	26,35	14,61
1049	Shell-Thin	SLE-ENVE	Max	0	0	0	-37,2044	-7,4543	-6,8907	26,35	16,51
1049	Shell-Thin	SLE-ENVE	Max	0	0	0	-43,0888	-8,6901	-6,9688	40,33	16,51
1049	Shell-Thin	SLE-ENVE	Max	0	0	0	-35,8035	-7,1384	-5,8678	40,33	14,61
1049	Shell-Thin	SLE-ENVE	Min	0	0	0	-34,1534	-6,5466	-	22,34	6,58
									10,8447		
1049	Shell-Thin	SLE-ENVE	Min	0	0	0	-39,6712	-7,8935	-	22,34	6,88
									13,3333		

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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
1049	Shell-Thin	SLE-ENVE	Min	0	0	0	-54,3871	-11,1402	-	29,3	6,88
									13,5456		
1049	Shell-Thin	SLE-ENVE	Min	0	0	0	-44,4091	-8,8655	-	29,3	6,58
									11,0571		
1050	Shell-Thin	SLU-ENVE	Max	0	0	0	-56,9476	-11,3261	-	63,01	28,77
									10,5784		
1050	Shell-Thin	SLU-ENVE	Max	0	0	0	-68,0155	-13,8719	-	63,01	25,49
									12,8553		
1050	Shell-Thin	SLU-ENVE	Max	0	0	0	-79,5701	-15,1181	-	84,39	25,49
									12,6504		
1050	Shell-Thin	SLU-ENVE	Max	0	0	0	-67,9574	-13,6197	-	84,39	28,77
									10,3735		
1050	Shell-Thin	SLU-ENVE	Min	0	0	0	-72,36	-14,3909	-	43,25	13,69
									20,0224		
1050	Shell-Thin	SLU-ENVE	Min	0	0	0	-88,4278	-18,2078	-	43,25	11,6
									24,9013		
1050	Shell-Thin	SLU-ENVE	Min	0	0	0	-115,2792	-21,1938	-	46,04	11,6
									24,2735		
1050	Shell-Thin	SLU-ENVE	Min	0	0	0	-93,8654	-19,0211	-	46,04	13,69
									19,3946		
1050	Shell-Thin	SLE-ENVE	Max	0	0	0	-35,8013	-7,1278	-5,8596	39,23	15,98
1050	Shell-Thin	SLE-ENVE	Max	0	0	0	-43,1076	-8,7842	-7,1205	39,23	14,08
1050	Shell-Thin	SLE-ENVE	Max	0	0	0	-49,4847	-9,4134	-6,9899	51,12	14,08
1050	Shell-Thin	SLE-ENVE	Max	0	0	0	-41,9096	-8,407	-5,729	51,12	15,98
1050	Shell-Thin	SLE-ENVE	Min	0	0	0	-44,4045	-8,8425	-	28,96	7,6
									11,0933		
1050	Shell-Thin	SLE-ENVE	Min	0	0	0	-54,3942	-11,1755	-	28,96	6,3
									13,8003		
1050	Shell-Thin	SLE-ENVE	Min	0	0	0	-69,2941	-12,8037	-	30,04	6,3
									13,4369		
1050	Shell-Thin	SLE-ENVE	Min	0	0	0	-56,3306	-11,4183	-	30,04	7,6
									10,7299		
1051	Shell-Thin	SLU-ENVE	Max	0	0	0	-67,977	-13,7177	-9,6682	88,62	28,14
1051	Shell-Thin	SLU-ENVE	Max	0	0	0	-79,4617	-14,576	-	88,62	57,45
									12,3484		
1051	Shell-Thin	SLU-ENVE	Max	0	0	0	-97,4438	-23,4444	-	143,46	57,45
									13,3025		
1051	Shell-Thin	SLU-ENVE	Max	0	0	0	-77,915	-15,8101	-	143,46	28,14
									10,6222		
1051	Shell-Thin	SLU-ENVE	Min	0	0	0	-93,9108	-19,2481	-	47,84	14,9
									18,0464		
1051	Shell-Thin	SLU-ENVE	Min	0	0	0	-115,0383	-19,9893	-	47,84	28,46
									22,9914		
1051	Shell-Thin	SLU-ENVE	Min	0	0	0	-147,929	-38,8243	-	80,02	28,46
									25,0512		
1051	Shell-Thin	SLU-ENVE	Min	0	0	0	-113,091	-23,4285	-	80,02	14,9
									20,1062		
1051	Shell-Thin	SLE-ENVE	Max	0	0	0	-41,9213	-8,4656	-5,3066	53,51	15,53
1051	Shell-Thin	SLE-ENVE	Max	0	0	0	-49,418	-9,0798	-6,7853	53,51	32,17
1051	Shell-Thin	SLE-ENVE	Max	0	0	0	-59,5646	-14,3249	-7,3576	84,86	32,17
1051	Shell-Thin	SLE-ENVE	Max	0	0	0	-47,2447	-9,6022	-5,8789	84,86	15,53
1051	Shell-Thin	SLE-ENVE	Min	0	0	0	-56,3561	-11,5458	-9,9616	31,13	8,19
1051	Shell-Thin	SLE-ENVE	Min	0	0	0	-69,1567	-12,1165	-	31,13	16,4
									12,6937		
1051	Shell-Thin	SLE-ENVE	Min	0	0	0	-87,4815	-22,7393	-	50,42	16,4
									13,8495		

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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
1051	Shell-Thin	SLE-ENVE	Min	0	0	0	-66,8421	-13,8479	-	50,42	8,19
									11,1174		
1053	Shell-Thin	SLU-ENVE	Max	0	0	0	-87,2116	-16,9257	-14,255	252,68	28,54
1053	Shell-Thin	SLU-ENVE	Max	0	0	2,997E-20	-123,3265	-37,3402	-	252,68	-66,52
									18,0641		
1053	Shell-Thin	SLU-ENVE	Max	2,448E-20	0	1,998E-20	-113,4417	5,3591	-	-48,09	-66,52
									16,8724		
1053	Shell-Thin	SLU-ENVE	Max	2,379E-20	0	-	-125,0681	-14,8406	-	-48,09	28,54
						1,379E-20			13,0634		
1053	Shell-Thin	SLU-ENVE	Min	0	0	-	-131,4886	-25,3283	-25,204	142,06	11,06
						1,381E-20					
1053	Shell-Thin	SLU-ENVE	Min	0	0	1,706E-20	-195,1672	-62,5316	-	142,06	-104,23
									33,0925		
1053	Shell-Thin	SLU-ENVE	Min	1,366E-20	0	1,123E-20	-188,4888	3,5364	-	-72,3	-104,23
									32,0878		
1053	Shell-Thin	SLU-ENVE	Min	1,322E-20	0	-	-200,0108	-23,8243	-	-72,3	11,06
						2,381E-20			24,1993		
1053	Shell-Thin	SLE-ENVE	Max	0	0	0	-52,0444	-10,1385	-8,0242	147,51	14,62
1053	Shell-Thin	SLE-ENVE	Max	0	0	1,699E-20	-74,0818	-22,3537	-	147,51	-40,92
									10,0339		
1053	Shell-Thin	SLE-ENVE	Max	1,342E-20	0	1,135E-20	-66,7275	3,1461	-9,3343	-28,53	-40,92
1053	Shell-Thin	SLE-ENVE	Max	1,303E-20	0	0	-73,5116	-8,7201	-7,3245	-28,53	14,62
1053	Shell-Thin	SLE-ENVE	Min	0	0	0	-76,5886	-14,7994	-	86,74	5,2
									14,0753		
1053	Shell-Thin	SLE-ENVE	Min	0	0	0	-113,7788	-36,1703	-	86,74	-61,77
									18,2907		
1053	Shell-Thin	SLE-ENVE	Min	0	0	0	-107,8462	2,1237	-	-43,72	-61,77
									17,6725		
1053	Shell-Thin	SLE-ENVE	Min	0	0	-	-114,8988	-13,681	-	-43,72	5,2
						1,358E-20			13,4571		
1069	Shell-Thin	SLU-ENVE	Max	0	0	0	-56,389	-11,247	-14,402	-79,47	26,9
1069	Shell-Thin	SLU-ENVE	Max	0	0	0	-27,8024	-6,8118	-	-79,47	17,41
									16,2887		
1069	Shell-Thin	SLU-ENVE	Max	0	0	0	-40,1858	-8,5108	-	-88,68	17,41
									16,6098		
1069	Shell-Thin	SLU-ENVE	Max	0	0	0	-67,979	-13,7162	-	-88,68	26,9
									14,7231		
1069	Shell-Thin	SLU-ENVE	Min	0	0	0	-61,8752	-12,291	-	-128,71	11,98
									28,6106		
1069	Shell-Thin	SLU-ENVE	Min	0	0	0	-37,3724	-8,5884	-	-128,71	10,56
									32,3915		
1069	Shell-Thin	SLU-ENVE	Min	0	0	0	-45,6513	-9,5095	-	-190,79	10,56
									33,4378		
1069	Shell-Thin	SLU-ENVE	Min	0	0	0	-88,4028	-18,1478	-	-190,79	11,98
									29,6568		
1069	Shell-Thin	SLE-ENVE	Max	0	0	0	-37,2033	-7,4541	-7,9862	-48,11	14,96
1069	Shell-Thin	SLE-ENVE	Max	0	0	0	-21,5012	-5,2313	-9,0343	-48,11	9,65
1069	Shell-Thin	SLE-ENVE	Max	0	0	0	-5,7742	-9,2033	-5,2033	-53,26	9,65
1069	Shell-Thin	SLE-ENVE	Max	0	0	0	-43,0855	-8,6895	-8,1552	-53,26	14,96
1069	Shell-Thin	SLE-ENVE	Min	0	0	0	-39,6662	-7,8925	-	-71,36	6,66
									15,8768		

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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
1069	Shell-Thin	SLE-ENVE	Min	0	0	0	-25,0923	-5,6918	-	-71,36	5,86
1069	Shell-Thin	SLE-ENVE	Min	0	0	0	-30,3278	-6,3601	17,9787	-105,92	5,86
1069	Shell-Thin	SLE-ENVE	Min	0	0	0	-54,3795	-11,1387	18,5506	-105,92	6,66
1070	Shell-Thin	SLU-ENVE	Max	0	0	0	-68,0099	-13,8708	16,4486	-88,44	22,82
1070	Shell-Thin	SLU-ENVE	Max	0	0	0	-40,1854	-8,509	14,8061	-88,44	21,09
1070	Shell-Thin	SLU-ENVE	Max	0	0	0	-54,4148	-9,5933	16,9824	-94,87	21,09
1070	Shell-Thin	SLU-ENVE	Max	0	0	0	-79,5927	-15,1226	17,5045	-94,87	22,82
1070	Shell-Thin	SLU-ENVE	Min	0	0	0	-88,4142	-18,2051	15,3282	-192,5	11,21
1070	Shell-Thin	SLU-ENVE	Min	0	0	0	-45,6398	-9,4708	29,6444	-192,5	12,85
1070	Shell-Thin	SLU-ENVE	Min	0	0	0	-59,1455	-11,8148	33,8471	-243,33	12,85
1070	Shell-Thin	SLU-ENVE	Min	0	0	0	-115,3514	-21,2083	34,0646	-243,33	11,21
1070	Shell-Thin	SLE-ENVE	Max	0	0	0	-43,1043	-8,7836	29,8619	-53,12	12,61
1070	Shell-Thin	SLE-ENVE	Max	0	0	0	-27,614	-5,7709	-8,1904	-53,12	11,65
1070	Shell-Thin	SLE-ENVE	Max	0	0	0	-35,2215	-6,3611	-9,3966	-56,53	11,65
1070	Shell-Thin	SLE-ENVE	Max	0	0	0	-49,4985	-9,4161	-8,481	-56,53	12,61
1070	Shell-Thin	SLE-ENVE	Min	0	0	0	-54,3865	-11,174	-	-106,88	6,09
1070	Shell-Thin	SLE-ENVE	Min	0	0	0	-30,3151	-6,2968	16,4305	-106,88	7,12
1070	Shell-Thin	SLE-ENVE	Min	0	0	0	-39,2827	-7,9723	-	-135,11	7,12
1070	Shell-Thin	SLE-ENVE	Min	0	0	0	-69,3349	-12,8119	18,8741	-135,11	6,09
1071	Shell-Thin	SLU-ENVE	Max	0	0	0	-79,4842	-14,5805	16,5415	-95,65	55,87
1071	Shell-Thin	SLU-ENVE	Max	0	0	0	-54,5023	-10,0308	16,0379	-95,65	34,93
1071	Shell-Thin	SLU-ENVE	Max	-	0	0	-65,1735	-14,6492	18,6465	-129,13	34,93
1071	Shell-Thin	SLU-ENVE	Max	1,126E-20	0	0	-97,3665	-23,429	18,4735	-129,13	55,87
1071	Shell-Thin	SLU-ENVE	Min	-	0	0	-115,1105	-20,0038	15,8649	-244,95	28,13
1071	Shell-Thin	SLU-ENVE	Min	0	0	0	-59,2193	-12,1395	30,2593	-244,95	16,25
1071	Shell-Thin	SLU-ENVE	Min	-	0	0	-74,9691	-18,3681	34,8354	-308,5	16,25
1071	Shell-Thin	SLU-ENVE	Min	1,273E-20	0	0	-147,7306	-38,7846	33,5871	-308,5	28,13
1071	Shell-Thin	SLE-ENVE	Max	-	0	0	-49,4318	-9,0826	29,0109	-57,04	31,31
1071	Shell-Thin	SLE-ENVE	Max	0	0	0	-35,2478	-6,6087	-	-57,04	19,3
1071	Shell-Thin	SLE-ENVE	Max	0	0	0	-40,3969	-8,9913	10,3379	-76,79	19,3

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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
1071	Shell-Thin	SLE-ENVE	Max	0	0	0	-59,5178	-14,3155	-8,7427	-76,79	31,31
1071	Shell-Thin	SLE-ENVE	Min	0	0	0	-69,1975	-12,1247	-	-136,07	16,24
									16,7606		
1071	Shell-Thin	SLE-ENVE	Min	0	0	0	-39,3208	-8,1631	-	-136,07	8,99
1071	Shell-Thin	SLE-ENVE	Min	0	0	0	-47,5102	-11,1923	-	-172,06	8,99
									18,5494		
1071	Shell-Thin	SLE-ENVE	Min	0	0	0	-87,3696	-22,717	-	-172,06	16,24
									16,0171		
1073	Shell-Thin	SLU-ENVE	Max	-	0	1,687E-20	-122,9773	-37,2704	-17,83	-199,29	-74,54
				2,342E-20							
1073	Shell-Thin	SLU-ENVE	Max	-2,19E-20	0	0	-72,7847	-19,0753	-	-199,29	-29,11
									19,5543		
1073	Shell-Thin	SLU-ENVE	Max	0	0	-	-86,695	-1,0723	-20,305	-107,24	-29,11
						1,201E-20					
1073	Shell-Thin	SLU-ENVE	Max	0	0	0	-113,877	5,1799	-	-107,24	-74,54
									18,5807		
1073	Shell-Thin	SLU-ENVE	Min	-	-1,12E-20	0	-194,456	-62,3894	-	-443,24	-120,88
				3,354E-20					33,9434		
1073	Shell-Thin	SLU-ENVE	Min	-	0	-	-85,9373	-24,6382	-	-443,24	-32,82
				3,009E-20		1,141E-20			37,5072		
1073	Shell-Thin	SLU-ENVE	Min	-	0	-	-106,5076	-1,4985	-	-337,7	-32,82
				5,259E-20		2,191E-20			40,7491		
1073	Shell-Thin	SLU-ENVE	Min	-	-1,57E-20	0	-189,3851	3,4494	-	-337,7	-120,88
				5,604E-20					37,1852		
1073	Shell-Thin	SLE-ENVE	Max	-	0	0	-73,8809	-22,3135	-9,7087	-117,65	-45,42
				1,369E-20							
1073	Shell-Thin	SLE-ENVE	Max	-1,29E-20	0	0	-44,3319	-11,3979	-	-117,65	-18,14
									10,5465		
1073	Shell-Thin	SLE-ENVE	Max	0	0	0	-52,2548	-0,6515	-	-58,33	-18,14
									10,8231		
1073	Shell-Thin	SLE-ENVE	Max	0	0	0	-66,9745	3,0461	-9,9854	-58,33	-45,42
1073	Shell-Thin	SLE-ENVE	Min	-	0	0	-113,38	-36,0905	-18,53	-249	-71,03
				1,912E-20							
1073	Shell-Thin	SLE-ENVE	Min	-	0	0	-54,188	-14,8778	-	-249	-21,46
				1,731E-20					20,3398		
1073	Shell-Thin	SLE-ENVE	Min	-	0	-	-65,7406	-0,8884	-	-181,1	-21,46
				2,277E-20		1,241E-20			21,9076		
1073	Shell-Thin	SLE-ENVE	Min	-	0	0	-108,3464	2,0743	-	-181,1	-71,03
				2,457E-20					20,0978		
1089	Shell-Thin	SLU-ENVE	Max	0	0	0	-27,8628	-6,8239	-	-76,3	11,14
									18,4866		
1089	Shell-Thin	SLU-ENVE	Max	0	0	0	33,4148	0,2017	-	-76,3	5,41
									20,9696		
1089	Shell-Thin	SLU-ENVE	Max	0	0	0	33,7812	4,1431	-	-84,93	5,41
									21,6781		

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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
1089	Shell-Thin	SLU-ENVE	Max	0	0	0	-40,2811	-8,5299	-	-84,93	11,14
1089	Shell-Thin	SLU-ENVE	Min	0	0	0	-37,4035	-8,5808	19,1951	-	5,51
1089	Shell-Thin	SLU-ENVE	Min	0	0	0	1,455	-2,1513	35,5297	-122,14	-4,46
1089	Shell-Thin	SLU-ENVE	Min	0	0	0	-2,5197	-2,3711	37,9631	-122,14	-4,46
1089	Shell-Thin	SLU-ENVE	Min	0	0	0	-45,6928	-9,5178	39,4126	-145,23	5,51
1089	Shell-Thin	SLE-ENVE	Max	0	0	0	-21,4599	-5,2382	36,9791	-45,39	6,15
1089	Shell-Thin	SLE-ENVE	Max	0	0	0	13,3077	-1,2	10,2538	-45,39	2,96
1089	Shell-Thin	SLE-ENVE	Max	0	0	0	13,5295	1,3035	11,6305	-50,2	2,96
1089	Shell-Thin	SLE-ENVE	Max	0	0	0	-27,668	-5,7848	-12,015	-50,2	6,15
1089	Shell-Thin	SLE-ENVE	Min	0	0	0	-25,1104	-5,6877	10,6383	-67,95	3,04
1089	Shell-Thin	SLE-ENVE	Min	0	0	0	-2,0304	-1,742	19,7228	-67,95	-2,54
1089	Shell-Thin	SLE-ENVE	Min	0	0	0	-4,2265	-1,8465	21,0719	-80,81	-2,54
1089	Shell-Thin	SLE-ENVE	Min	0	0	0	-30,3612	-6,3668	21,8655	-80,81	3,04
1090	Shell-Thin	SLU-ENVE	Max	0	0	0	-40,2808	-8,5281	20,5165	-84,97	13,76
1090	Shell-Thin	SLU-ENVE	Max	0	0	0	33,7715	4,0943	19,6989	-84,97	7,79
1090	Shell-Thin	SLU-ENVE	Max	0	0	0	33,6408	6,5355	22,4737	-96,32	7,79
1090	Shell-Thin	SLU-ENVE	Max	0	0	0	-54,2876	-9,5678	23,1535	-96,32	13,76
1090	Shell-Thin	SLU-ENVE	Min	0	0	0	-45,6813	-9,4868	20,3786	-146,58	8,09
1090	Shell-Thin	SLU-ENVE	Min	0	0	0	-2,5156	-2,3509	37,6641	-146,58	1,13
1090	Shell-Thin	SLU-ENVE	Min	0	0	0	-6,6554	-3,472	40,6678	-174,33	1,13
1090	Shell-Thin	SLU-ENVE	Min	0	0	0	-59,0165	-11,7716	41,4324	-174,33	8,09
1090	Shell-Thin	SLE-ENVE	Max	0	0	0	-27,6673	-5,7816	38,4287	-50,23	7,56
1090	Shell-Thin	SLE-ENVE	Max	0	0	0	13,5241	1,2764	10,9098	-50,23	4,26
1090	Shell-Thin	SLE-ENVE	Max	0	0	0	13,4931	2,6856	12,4435	-56,58	4,26
1090	Shell-Thin	SLE-ENVE	Max	0	0	0	-35,1457	-6,3462	12,8081	-56,58	7,56
1090	Shell-Thin	SLE-ENVE	Min	0	0	0	-30,3486	-6,3035	11,2743	-81,58	4,45
1090	Shell-Thin	SLE-ENVE	Min	0	0	0	-4,2242	-1,8352	20,8847	-81,58	0,5
1090	Shell-Thin	SLE-ENVE	Min	0	0	0	-6,4888	-2,4338	22,5437	-97,04	0,5
1090	Shell-Thin	SLE-ENVE	Min	0	0	0	-39,154	-7,9466	22,9465	-97,04	4,45
									21,2875		

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
1091	Shell-Thin	SLU-ENVE	Max	0	0	0	-54,3751	-10,0053	-	-96,55	24,34
									21,0614		
1091	Shell-Thin	SLU-ENVE	Max	0	0	0	33,6687	6,675	-	-96,55	19,08
									23,7957		
1091	Shell-Thin	SLU-ENVE	Max	0	0	0	30,5748	0,8352	-	-108,2	19,08
									24,4146		
1091	Shell-Thin	SLU-ENVE	Max	0	0	0	-65,4971	-14,7139	-	-108,2	24,34
									21,6804		
1091	Shell-Thin	SLU-ENVE	Min	0	0	0	-59,0902	-12,0963	-	-175,21	11,46
									38,6162		
1091	Shell-Thin	SLU-ENVE	Min	0	0	0	-6,643	-3,4103	-	-175,21	9,19
									42,3163		
1091	Shell-Thin	SLU-ENVE	Min	0	0	0	-10,7781	-5,269	-	-204,08	9,19
									42,7568		
1091	Shell-Thin	SLU-ENVE	Min	0	0	0	-75,526	-18,4795	-	-204,08	11,46
									39,0566		
1091	Shell-Thin	SLE-ENVE	Max	0	0	0	-35,1719	-6,5937	-	-56,77	13,41
									11,6418		
1091	Shell-Thin	SLE-ENVE	Max	0	0	0	13,5086	2,7632	-13,135	-56,77	10,29
1091	Shell-Thin	SLE-ENVE	Max	0	0	0	11,8426	-0,354	-	-63,08	10,29
									13,4404		
1091	Shell-Thin	SLE-ENVE	Max	0	0	0	-40,5962	-9,0312	-	-63,08	13,41
									11,9472		
1091	Shell-Thin	SLE-ENVE	Min	0	0	0	-39,1921	-8,1374	-	-97,6	6,31
									21,3672		
1091	Shell-Thin	SLE-ENVE	Min	0	0	0	-6,4818	-2,3985	-	-97,6	4,91
									23,3962		
1091	Shell-Thin	SLE-ENVE	Min	0	0	0	-8,7499	-3,3598	-	-113,53	4,91
									23,5873		
1091	Shell-Thin	SLE-ENVE	Min	0	0	0	-47,8136	-11,2686	-	-113,53	6,31
									21,5583		
1093	Shell-Thin	SLU-ENVE	Max	-	0	0	-74,0168	-19,3218	-	-115,22	-29,31
				2,391E-20					23,0308		
1093	Shell-Thin	SLU-ENVE	Max	-	0	0	30,2108	0,5424	-	-115,22	8,44
				2,467E-20					26,8982		
1093	Shell-Thin	SLU-ENVE	Max	0	0	-	32,7326	0,4791	-	-133	8,44
					1,096E-20				29,1625		
1093	Shell-Thin	SLU-ENVE	Max	0	0	0	-85,3276	-0,7988	-	-133	-29,31
									25,2951		
1093	Shell-Thin	SLU-ENVE	Min	-	0	0	-87,5804	-24,9434	-	-218,54	-38
				2,936E-20					42,8948		
1093	Shell-Thin	SLU-ENVE	Min	-	0	-	-14,1404	-5,4493	-	-218,54	-3,54
				3,067E-20	1,384E-20				47,0504		
1093	Shell-Thin	SLU-ENVE	Min	-	0	-	-16,561	0,1885	-	-259,35	-3,54
				4,329E-20	1,617E-20				51,9142		
1093	Shell-Thin	SLU-ENVE	Min	-	0	-	-104,961	-1,1907	-	-259,35	-38
				4,189E-20	1,036E-20				47,7586		
1093	Shell-Thin	SLE-ENVE	Max	-	0	0	-45,0822	-11,5479	-	-66,47	-17,7
				1,378E-20					12,4662		

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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
1093	Shell-Thin	SLE-ENVE	Max	- 1,418E- 20	0	0	11,6319	-0,2018	- 14,6799	-66,47	3,84
1093	Shell-Thin	SLE-ENVE	Max	0	0	0	12,8871	0,2651	- 15,9111	-76,39	3,84
1093	Shell-Thin	SLE-ENVE	Max	0	0	0	-51,431	-0,4867	- 13,6974	-76,39	-17,7
1093	Shell-Thin	SLE-ENVE	Min	- 1,683E- 20	0	0	-55,1329	-15,0668	- 23,2987	-121,04	-23,24
1093	Shell-Thin	SLE-ENVE	Min	- 1,754E- 20	0	0	-10,6177	-3,2768	- 25,6854	-121,04	-2,35
1093	Shell-Thin	SLE-ENVE	Min	- 1,759E- 20	0	0	-12,0048	0,1105	- 28,2644	-143,34	-2,35
1093	Shell-Thin	SLE-ENVE	Min	- 1,683E- 20	0	0	-64,78	-0,7026	- 25,8777	-143,34	-23,24
1109	Shell-Thin	SLU-ENVE	Max	0	0	0	33,3613	0,2165	- 22,4943	-71,29	2,07
1109	Shell-Thin	SLU-ENVE	Max	0	0	0	85,7382	5,6259	- 23,3152	-71,29	-1,41
1109	Shell-Thin	SLU-ENVE	Max	0	0	0	93,2644	13,6519	- 24,2522	-79,72	-1,41
1109	Shell-Thin	SLU-ENVE	Max	0	0	0	33,8835	4,1635	- 23,4313	-79,72	2,07
1109	Shell-Thin	SLU-ENVE	Min	0	0	0	1,4772	-2,1469	- 38,3524	-103,85	-10,98
1109	Shell-Thin	SLU-ENVE	Min	0	0	0	38,0568	2,4715	- 37,5597	-103,85	-19,61
1109	Shell-Thin	SLU-ENVE	Min	0	0	0	38,3261	3,998	- 39,0507	-129,87	-19,61
1109	Shell-Thin	SLU-ENVE	Min	0	0	0	-2,4703	-2,3613	- 39,8434	-129,87	-10,98
1109	Shell-Thin	SLE-ENVE	Max	0	0	0	13,2782	-1,1917	- 12,4756	-41,37	1,11
1109	Shell-Thin	SLE-ENVE	Max	0	0	0	42,5682	2,1617	- 12,9296	-41,37	-0,86
1109	Shell-Thin	SLE-ENVE	Max	0	0	0	45,7298	6,3799	- 13,4386	-46,04	-0,86
1109	Shell-Thin	SLE-ENVE	Max	0	0	0	13,5865	1,3149	- 12,9845	-46,04	1,11
1109	Shell-Thin	SLE-ENVE	Min	0	0	0	-2,0173	-1,7394	- 21,2853	-57,43	-6,16
1109	Shell-Thin	SLE-ENVE	Min	0	0	0	19,1756	1,02	- 20,8412	-57,43	-11,09
1109	Shell-Thin	SLE-ENVE	Min	0	0	0	19,3332	1,9017	- 21,6544	-71,87	-11,09
1109	Shell-Thin	SLE-ENVE	Min	0	0	0	-4,1982	-1,8408	- 22,0986	-71,87	-6,16
1110	Shell-Thin	SLU-ENVE	Max	0	0	0	33,8738	4,1148	- 24,2099	-80,41	3,83
1110	Shell-Thin	SLU-ENVE	Max	0	0	0	93,2602	13,6309	- 24,9833	-80,41	0,45
1110	Shell-Thin	SLU-ENVE	Max	0	0	0	103,2433	19,922	- 25,5753	-89,7	0,45

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
1110	Shell-Thin	SLU-ENVE	Max	0	0	0	33,6477	6,5369	-	-89,7	3,83
									24,8019		
1110	Shell-Thin	SLU-ENVE	Min	0	0	0	-2,4663	-2,3411	-	-132,73	-6,74
									41,0968		
1110	Shell-Thin	SLU-ENVE	Min	0	0	0	38,3301	4,018	-	-132,73	-14,76
									40,1488		
1110	Shell-Thin	SLU-ENVE	Min	0	0	0	38,7376	4,5651	-41,11	-159,55	-14,76
1110	Shell-Thin	SLU-ENVE	Min	0	0	0	-6,7052	-3,482	-42,058	-159,55	-6,74
1110	Shell-Thin	SLE-ENVE	Max	0	0	0	13,5811	1,2878	-	-46,45	2,07
									13,4028		
1110	Shell-Thin	SLE-ENVE	Max	0	0	0	45,7426	6,3674	-	-46,45	0,13
									13,8277		
1110	Shell-Thin	SLE-ENVE	Max	0	0	0	50,4212	10,0166	-	-51,57	0,13
									14,1344		
1110	Shell-Thin	SLE-ENVE	Max	0	0	0	13,4934	2,6856	-	-51,57	2,07
									13,7096		
1110	Shell-Thin	SLE-ENVE	Min	0	0	0	-4,1959	-1,8296	-22,775	-73,51	-3,86
1110	Shell-Thin	SLE-ENVE	Min	0	0	0	19,3353	1,9125	-	-73,51	-8,53
									22,2431		
1110	Shell-Thin	SLE-ENVE	Min	0	0	0	19,5713	2,2702	-	-88,32	-8,53
									22,7479		
1110	Shell-Thin	SLE-ENVE	Min	0	0	0	-6,522	-2,4405	-	-88,32	-3,86
									23,2798		
1111	Shell-Thin	SLU-ENVE	Max	0	0	0	33,6756	6,6764	-	-89,89	8,61
									25,4094		
1111	Shell-Thin	SLU-ENVE	Max	0	0	0	103,2402	19,9064	-	-89,89	6,04
									25,9226		
1111	Shell-Thin	SLU-ENVE	Max	0	0	0	111,2394	15,402	-	-99,16	6,04
									26,4049		
1111	Shell-Thin	SLU-ENVE	Max	0	0	0	31,0405	0,9283	-	-99,16	8,61
									25,8917		
1111	Shell-Thin	SLU-ENVE	Min	0	0	0	-6,6929	-3,4203	-	-159,37	3,07
									43,1191		
1111	Shell-Thin	SLU-ENVE	Min	0	0	0	38,7364	4,5593	-	-159,37	0,95
									41,6764		
1111	Shell-Thin	SLU-ENVE	Min	0	0	0	39,5446	3,5867	-	-179,76	0,95
									42,2113		
1111	Shell-Thin	SLU-ENVE	Min	0	0	0	-10,5184	-5,217	-43,654	-179,76	3,07
1111	Shell-Thin	SLE-ENVE	Max	0	0	0	13,5089	2,7632	-	-51,7	4,53
									14,0175		
1111	Shell-Thin	SLE-ENVE	Max	0	0	0	50,4191	10,0058	-	-51,7	2,85
									14,2999		
1111	Shell-Thin	SLE-ENVE	Max	0	0	0	54,8535	7,9049	-	-56,76	2,85
									14,5352		
1111	Shell-Thin	SLE-ENVE	Max	0	0	0	12,1036	-0,3018	-	-56,76	4,53
									14,2528		
1111	Shell-Thin	SLE-ENVE	Min	0	0	0	-6,5149	-2,4051	-	-88,28	1,32
									23,8274		
1111	Shell-Thin	SLE-ENVE	Min	0	0	0	19,5705	2,2661	-	-88,28	0,19
									23,0272		
1111	Shell-Thin	SLE-ENVE	Min	0	0	0	20,019	1,8106	-	-99,41	0,19
									23,2752		
1111	Shell-Thin	SLE-ENVE	Min	0	0	0	-8,5946	-3,3288	-	-99,41	1,32
									24,0754		
1113	Shell-Thin	SLU-ENVE	Max	0	0	-	31,9557	0,8914	-	-100,48	-1,33
						1,124E-20			28,4864		

AUTOSTRADA VALDASTICO A31 NORD
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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
1113	Shell-Thin	SLU-ENVE	Max	0	1,154E-20	-1,031E-20	119,2609	12,8956	-29,28	-100,48	22,21
1113	Shell-Thin	SLU-ENVE	Max	-2,843E-20	0	0	128,6242	0,2848	-32,4553	-112,33	22,21
1113	Shell-Thin	SLU-ENVE	Max	-2,946E-20	0	0	30,4366	0,0199	-31,6617	-112,33	-1,33
1113	Shell-Thin	SLU-ENVE	Min	0	0	-1,704E-20	-13,2461	-5,2704	-47,2564	-188,23	-8,84
1113	Shell-Thin	SLU-ENVE	Min	0	0	-1,476E-20	40,1671	1,9091	-45,7178	-188,23	5,25
1113	Shell-Thin	SLU-ENVE	Min	-9,379E-20	0	-1,206E-20	41,5648	0,0754	-50,7115	-215,31	5,25
1113	Shell-Thin	SLU-ENVE	Min	-9,549E-20	-1,541E-20	-1,434E-20	-17,7766	-0,1483	-52,25	-215,31	-8,84
1113	Shell-Thin	SLE-ENVE	Max	0	0	0	12,625	-0,0031	-15,5863	-57,25	-1,54
1113	Shell-Thin	SLE-ENVE	Max	0	0	0	59,2191	6,7474	-16,0633	-57,25	11,72
1113	Shell-Thin	SLE-ENVE	Max	-1,248E-20	0	0	64,2893	0,1574	-17,8551	-64,03	11,72
1113	Shell-Thin	SLE-ENVE	Max	-1,306E-20	0	0	11,6045	0,0086	-17,378	-64,03	-1,54
1113	Shell-Thin	SLE-ENVE	Min	0	0	0	-10,0833	-3,1699	-25,8514	-103,81	-5,33
1113	Shell-Thin	SLE-ENVE	Min	0	0	0	20,3324	0,9996	-25,0941	-103,81	2,86
1113	Shell-Thin	SLE-ENVE	Min	-4,596E-20	0	0	21,1026	0,0451	-27,8456	-118,98	2,86
1113	Shell-Thin	SLE-ENVE	Min	-4,691E-20	0	0	-12,7061	-0,0815	-28,6029	-118,98	-5,33
1129	Shell-Thin	SLU-ENVE	Max	0	0	0	85,7429	5,6268	-23,3183	-64,74	-4,63
1129	Shell-Thin	SLU-ENVE	Max	0	0	0	127,3962	8,4993	-22,5347	-64,74	-9,76
1129	Shell-Thin	SLU-ENVE	Max	0	0	0	143,8709	21,9269	-23,4949	-73,39	-9,76
1129	Shell-Thin	SLU-ENVE	Max	0	0	0	93,2721	13,6534	-24,2784	-73,39	-4,63
1129	Shell-Thin	SLU-ENVE	Min	0	0	0	38,0582	2,4718	-35,5967	-80,62	-27,98
1129	Shell-Thin	SLU-ENVE	Min	0	0	0	71,3893	5,982	-32,02	-80,62	-37,81
1129	Shell-Thin	SLU-ENVE	Min	0	0	0	75,9936	10,0788	-33,4906	-101,71	-37,81
1129	Shell-Thin	SLU-ENVE	Min	0	0	0	38,3399	4,0008	-37,1417	-101,71	-27,98
1129	Shell-Thin	SLE-ENVE	Max	0	0	0	42,5705	2,1622	-12,9313	-36,49	-2,63

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
1129	Shell-Thin	SLE-ENVE	Max	0	0	0	66,0598	3,8533	-12,498	-36,49	-5,51
1129	Shell-Thin	SLE-ENVE	Max	0	0	0	75,1923	11,0633	-13,019	-41,28	-5,51
1129	Shell-Thin	SLE-ENVE	Max	0	0	0	45,7422	6,3805	-	-41,28	-2,63
									13,4524		
1129	Shell-Thin	SLE-ENVE	Min	0	0	0	19,1761	1,0201	-	-45,29	-15,72
									19,7485		
1129	Shell-Thin	SLE-ENVE	Min	0	0	0	37,9421	3,0416	-	-45,29	-21,25
									17,7631		
1129	Shell-Thin	SLE-ENVE	Min	0	0	0	40,4993	5,3655	-	-57,21	-21,25
									18,5655		
1129	Shell-Thin	SLE-ENVE	Min	0	0	0	19,3404	1,9031	-	-57,21	-15,72
									20,5921		
1130	Shell-Thin	SLU-ENVE	Max	0	0	0	93,2679	13,6325	-	-74,62	-3,03
									24,9909		
1130	Shell-Thin	SLU-ENVE	Max	0	0	0	143,8405	21,7748	-24,021	-74,62	-7,26
1130	Shell-Thin	SLU-ENVE	Max	0	0	0	163,148	32,6528	-	-83,59	-7,26
									24,3672		
1130	Shell-Thin	SLU-ENVE	Max	0	0	0	103,1261	19,8986	-25,337	-83,59	-3,03
1130	Shell-Thin	SLU-ENVE	Min	0	0	0	38,3439	4,0208	-38,204	-104,32	-23,26
1130	Shell-Thin	SLU-ENVE	Min	0	0	0	76,0004	10,1129	-	-104,32	-32,48
									34,1834		
1130	Shell-Thin	SLU-ENVE	Min	0	0	0	80,8912	12,7736	-34,505	-125,54	-32,48
1130	Shell-Thin	SLU-ENVE	Min	0	0	0	38,7501	4,5676	-	-125,54	-23,26
									38,4185		
1130	Shell-Thin	SLE-ENVE	Max	0	0	0	45,7549	6,368	-13,831	-41,98	-1,78
1130	Shell-Thin	SLE-ENVE	Max	0	0	0	75,1907	11,0552	-13,297	-41,98	-4,16
1130	Shell-Thin	SLE-ENVE	Max	0	0	0	84,4993	17,1229	-	-46,92	-4,16
									13,4697		
1130	Shell-Thin	SLE-ENVE	Max	0	0	0	50,3549	10,0033	-	-46,92	-1,78
									14,0037		
1130	Shell-Thin	SLE-ENVE	Min	0	0	0	19,3425	1,9139	-	-58,68	-13,2
									21,1606		
1130	Shell-Thin	SLE-ENVE	Min	0	0	0	40,5031	5,3843	-	-58,68	-18,4
									18,9338		
1130	Shell-Thin	SLE-ENVE	Min	0	0	0	43,2115	6,931	-	-70,42	-18,4
									19,0894		
1130	Shell-Thin	SLE-ENVE	Min	0	0	0	19,5778	2,2715	-	-70,42	-13,2
									21,2566		
1131	Shell-Thin	SLU-ENVE	Max	0	0	0	103,123	19,8829	-	-83,92	-0,69
									25,6638		
1131	Shell-Thin	SLU-ENVE	Max	0	0	0	163,1563	32,6943	-24,341	-83,92	2,53
1131	Shell-Thin	SLU-ENVE	Max	0	0	0	176,7349	27,7426	-	-92,92	2,53
									24,5221		
1131	Shell-Thin	SLU-ENVE	Max	0	0	0	111,2921	15,3917	-	-92,92	-0,69
									25,8448		
1131	Shell-Thin	SLU-ENVE	Min	0	0	0	38,7489	4,5618	-	-125,81	-5,89
									38,5181		
1131	Shell-Thin	SLU-ENVE	Min	0	0	0	80,889	12,7627	-	-125,81	-3,18
									34,1274		
1131	Shell-Thin	SLU-ENVE	Min	0	0	0	86,1657	12,2688	-	-138,82	-3,18
									34,2776		
1131	Shell-Thin	SLU-ENVE	Min	0	0	0	39,527	3,5832	-	-138,82	-5,89
									38,6105		
1131	Shell-Thin	SLE-ENVE	Max	0	0	0	50,3527	9,9926	-	-47,12	-0,53
									14,1586		

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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
1131	Shell-Thin	SLE-ENVE	Max	0	0	0	84,4977	17,1453	-	-47,12	0,93
									13,4353		
1131	Shell-Thin	SLE-ENVE	Max	0	0	0	92,494	14,8899	-	-52,07	0,93
									13,5108		
1131	Shell-Thin	SLE-ENVE	Max	0	0	0	54,8824	7,8992	-14,234	-52,07	-0,53
1131	Shell-Thin	SLE-ENVE	Min	0	0	0	19,577	2,2674	-	-70,58	-3,57
									21,2771		
1131	Shell-Thin	SLE-ENVE	Min	0	0	0	43,2103	6,9249	-	-70,58	-2,06
									18,8569		
1131	Shell-Thin	SLE-ENVE	Min	0	0	0	46,1207	6,738	-	-77,76	-2,06
									18,9106		
1131	Shell-Thin	SLE-ENVE	Min	0	0	0	20,0092	1,8086	-	-77,76	-3,57
									21,2994		
1133	Shell-Thin	SLU-ENVE	Max	2,051E- 20	1,554E- 20	0	119,9063	13,0246	-	-94,6	13,54
									28,8619		
1133	Shell-Thin	SLU-ENVE	Max	2,133E- 20	1,961E- 20	0	192,6759	23,8245	-	-94,6	34,4
									27,3584		
1133	Shell-Thin	SLU-ENVE	Max	-	0	0	208,2758	0,3519	-	-103,67	34,4
				6,451E- 20					30,4361		
1133	Shell-Thin	SLU-ENVE	Max	-	0	-	127,11	-0,018	-	-103,67	13,54
				6,517E- 20		1,006E- 20			31,9396		
1133	Shell-Thin	SLU-ENVE	Min	0	0	-	40,492	1,9741	-	-146,88	1,08
									42,6999		
1133	Shell-Thin	SLU-ENVE	Min	0	0	0	90,868	8,0905	-	-146,88	12,98
									37,9349		
1133	Shell-Thin	SLU-ENVE	Min	-	-	-	95,7408	0,0964	-	-165,15	12,98
				1,416E- 19	1,271E- 20	1,088E- 20			42,1432		
1133	Shell-Thin	SLU-ENVE	Min	-	-1,68E- 20	-	40,8281	-0,1127	-	-165,15	1,08
				1,425E- 19		1,323E- 20			47,0506		
1133	Shell-Thin	SLE-ENVE	Max	1,074E- 20	0	0	59,5835	6,8203	-	-52,94	6,88
									15,8581		
1133	Shell-Thin	SLE-ENVE	Max	1,12E- 20	1,021E- 20	0	100,3849	12,8358	-	-52,94	18,5
									15,0305		
1133	Shell-Thin	SLE-ENVE	Max	-	0	0	108,142	0,1937	-16,744	-58,03	18,5
				3,307E- 20							
1133	Shell-Thin	SLE-ENVE	Max	-	0	0	63,4418	-0,0121	-	-58,03	6,88
				3,345E- 20					17,5717		
1133	Shell-Thin	SLE-ENVE	Min	0	0	0	20,5206	1,0372	-	-82,15	0,5
									23,4865		
1133	Shell-Thin	SLE-ENVE	Min	0	0	0	48,705	4,4993	-	-82,15	7,23
									20,8801		
1133	Shell-Thin	SLE-ENVE	Min	-	0	0	51,412	0,0568	-	-92,36	7,23
				7,316E- 20					23,2176		
1133	Shell-Thin	SLE-ENVE	Min	-	0	0	20,6824	-0,0665	-	-92,36	0,5
				7,363E- 20					25,9114		
1149	Shell-Thin	SLU-ENVE	Max	0	0	0	127,5041	8,5209	-	-42,79	-13,44
									20,9211		
1149	Shell-Thin	SLU-ENVE	Max	0	0	0	153,5488	11,5436	-	-42,79	-21,49
									14,2652		

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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
1149	Shell-Thin	SLU-ENVE	Max	0	0	0	178,4362	27,241	-	-39,72	-21,49
									14,7701		
1149	Shell-Thin	SLU-ENVE	Max	0	0	0	143,8768	21,9281	-21,429	-39,72	-13,44
1149	Shell-Thin	SLU-ENVE	Min	0	0	0	71,3858	5,9813	-	-59,9	-40,85
									27,7375		
1149	Shell-Thin	SLU-ENVE	Min	0	0	0	100,1011	8,0155	-	-59,9	-50,13
									21,8118		
1149	Shell-Thin	SLU-ENVE	Min	0	0	0	110,5082	16,1393	-	-75,96	-50,13
									22,9783		
1149	Shell-Thin	SLU-ENVE	Min	0	0	0	75,9977	10,0796	-28,904	-75,96	-40,85
1149	Shell-Thin	SLE-ENVE	Max	0	0	0	66,1195	3,8653	-	-23,31	-7,55
									11,5781		
1149	Shell-Thin	SLE-ENVE	Max	0	0	0	81,102	5,0675	-7,8915	-23,31	-12,04
1149	Shell-Thin	SLE-ENVE	Max	0	0	0	94,9235	14,4628	-8,1531	-21,57	-12,04
1149	Shell-Thin	SLE-ENVE	Max	0	0	0	75,1903	11,0629	-	-21,57	-7,55
									11,8397		
1149	Shell-Thin	SLE-ENVE	Min	0	0	0	37,94	3,0412	-	-32,94	-22,92
									15,3866		
1149	Shell-Thin	SLE-ENVE	Min	0	0	0	53,526	4,1138	-	-32,94	-27,99
									12,1014		
1149	Shell-Thin	SLE-ENVE	Min	0	0	0	59,301	8,6851	-	-41,85	-27,99
									12,7391		
1149	Shell-Thin	SLE-ENVE	Min	0	0	0	40,5014	5,3659	-	-41,85	-22,92
									16,0243		
1150	Shell-Thin	SLU-ENVE	Max	0	0	0	143,8464	21,7759	-	-39,39	-11,11
									22,1401		
1150	Shell-Thin	SLU-ENVE	Max	0	0	0	178,4121	27,1206	-	-39,39	-17,53
									15,2172		
1150	Shell-Thin	SLU-ENVE	Max	0	0	0	203,2821	41,2577	-	-37,01	-17,53
									15,9106		
1150	Shell-Thin	SLU-ENVE	Max	0	0	0	163,1369	32,6506	-	-37,01	-11,11
									22,2939		
1150	Shell-Thin	SLU-ENVE	Min	0	0	0	76,0045	10,1137	-	-78,4	-35,6
									29,5865		
1150	Shell-Thin	SLU-ENVE	Min	0	0	0	110,5189	16,1928	-	-78,4	-43,59
									23,3133		
1150	Shell-Thin	SLU-ENVE	Min	0	0	0	121,1837	22,0676	-	-94,13	-43,59
									23,2527		
1150	Shell-Thin	SLU-ENVE	Min	0	0	0	80,9202	12,7794	-	-94,13	-35,6
									29,5259		
1150	Shell-Thin	SLE-ENVE	Max	0	0	0	75,1886	11,0548	-	-21,41	-6,29
									12,2043		
1150	Shell-Thin	SLE-ENVE	Max	0	0	0	94,9101	14,3956	-8,3855	-21,41	-9,87
1150	Shell-Thin	SLE-ENVE	Max	0	0	0	108,7079	22,3609	-8,7434	-20,04	-9,87
1150	Shell-Thin	SLE-ENVE	Max	0	0	0	84,4268	17,1216	-	-20,04	-6,29
									12,3296		
1150	Shell-Thin	SLE-ENVE	Min	0	0	0	40,5051	5,3847	-16,387	-43,21	-20,1
1150	Shell-Thin	SLE-ENVE	Min	0	0	0	59,3069	8,7147	-	-43,21	-24,41
									12,9157		
1150	Shell-Thin	SLE-ENVE	Min	0	0	0	65,2146	12,0574	-	-51,93	-24,41
									12,8665		
1150	Shell-Thin	SLE-ENVE	Min	0	0	0	43,2276	6,9342	-	-51,93	-20,1
									16,3378		
1151	Shell-Thin	SLU-ENVE	Max	0	0	0	163,1452	32,6921	-	-37,61	-0,55
									22,1956		

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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
1151	Shell-Thin	SLU-ENVE	Max	0	0	0	203,2869	41,282	-	-37,61	-3,91
									16,8644		
1151	Shell-Thin	SLU-ENVE	Max	0	0	0	222,771	35,755	-	-41,72	-3,91
									17,2504		
1151	Shell-Thin	SLU-ENVE	Max	0	0	0	176,7574	27,7604	-	-41,72	-0,55
									22,1114		
1151	Shell-Thin	SLU-ENVE	Min	0	0	0	80,918	12,7685	-	-94,13	-8,47
									29,1413		
1151	Shell-Thin	SLU-ENVE	Min	0	0	0	121,1769	22,0336	-	-94,13	-5,9
									22,7692		
1151	Shell-Thin	SLU-ENVE	Min	0	0	0	132,041	20,6347	-	-105,41	-5,9
									22,7139		
1151	Shell-Thin	SLU-ENVE	Min	0	0	0	86,1393	12,2635	-29,086	-105,41	-8,47
1151	Shell-Thin	SLE-ENVE	Max	0	0	0	84,4253	17,144	-	-20,39	-0,75
									12,2555		
1151	Shell-Thin	SLE-ENVE	Max	0	0	0	108,7106	22,3743	-9,2532	-20,39	-2,41
1151	Shell-Thin	SLE-ENVE	Max	0	0	0	119,4959	19,4548	-9,4352	-22,64	-2,41
1151	Shell-Thin	SLE-ENVE	Max	0	0	0	92,5446	14,9	-	-22,64	-0,75
									12,1906		
1151	Shell-Thin	SLE-ENVE	Min	0	0	0	43,2264	6,9281	-	-51,93	-4,99
									16,1018		
1151	Shell-Thin	SLE-ENVE	Min	0	0	0	65,2108	12,0387	-	-51,93	-3,72
									12,5844		
1151	Shell-Thin	SLE-ENVE	Min	0	0	0	71,2176	11,3552	-	-58,18	-3,72
									12,5345		
1151	Shell-Thin	SLE-ENVE	Min	0	0	0	46,1065	6,7352	-	-58,18	-4,99
									16,0518		
1153	Shell-Thin	SLU-ENVE	Max	3,255E-20	2,182E-20	0	192,8001	23,8493	-	-39,35	31,28
									24,8809		
1153	Shell-Thin	SLU-ENVE	Max	3,285E-20	2,331E-20	0	243,9919	30,5186	-	-39,35	43,46
									18,4628		
1153	Shell-Thin	SLU-ENVE	Max	-	0	0	262,2869	0,1184	-	-36,56	43,46
									20,1494		
1153	Shell-Thin	SLU-ENVE	Max	-	-	0	207,7938	0,2555	-	-36,56	31,28
									27,8491		
1153	Shell-Thin	SLU-ENVE	Min	1,701E-20	1,118E-20	0	91,0976	8,1364	-	-111,61	9,14
									32,5583		
1153	Shell-Thin	SLU-ENVE	Min	1,745E-20	1,336E-20	0	141,5536	14,9706	-25,389	-111,61	22,75
1153	Shell-Thin	SLU-ENVE	Min	-	-	0	150,1932	-0,0035	-	-122,61	22,75
									28,7369		
1153	Shell-Thin	SLU-ENVE	Min	-	-	0	95,1023	-0,0313	-	-122,61	9,14
									35,9061		
1153	Shell-Thin	SLE-ENVE	Max	1,777E-20	1,158E-20	0	100,5525	12,8498	-	-21,29	16,77
									13,6722		
1153	Shell-Thin	SLE-ENVE	Max	1,795E-20	1,247E-20	0	131,2222	16,7326	-	-21,29	23,82
									10,0356		
1153	Shell-Thin	SLE-ENVE	Max	-	0	0	141,3128	0,0658	-	-19,77	23,82
									10,9447		
1153	Shell-Thin	SLE-ENVE	Max	-5,03E-20	0	0	107,7319	0,1399	-	-19,77	16,77
									15,2704		

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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
1153	Shell-Thin	SLE-ENVE	Min	0	0	0	48,8331	4,5249	-	-61,61	5,09
1153	Shell-Thin	SLE-ENVE	Min	0	0	0	76,4705	8,2977	17,9234	-61,61	12,6
1153	Shell-Thin	SLE-ENVE	Min	-	0	0	81,2568	0,0005392	-	-67,73	12,6
				9,104E-20					15,8025		
1153	Shell-Thin	SLE-ENVE	Min	-	-	0	51,0561	-0,0144	-19,765	-67,73	5,09
				9,122E-20	1,022E-20						
1189	Shell-Thin	SLU-ENVE	Max	0	0	0	158,3781	13,2205	6,6702	29,7	-33,9
1189	Shell-Thin	SLU-ENVE	Max	0	0	0	153,658	11,5494	14,7475	29,7	-37,36
1189	Shell-Thin	SLU-ENVE	Max	0	0	0	178,4278	27,2446	15,3044	38,12	-37,36
1189	Shell-Thin	SLU-ENVE	Max	0	0	0	183,2006	27,8232	7,2271	38,12	-33,9
1189	Shell-Thin	SLU-ENVE	Min	0	0	0	119,5378	8,3219	-2,8585	-2,66	-53,73
1189	Shell-Thin	SLU-ENVE	Min	0	0	0	120,8819	8,3994	4,1615	-2,66	-53,24
1189	Shell-Thin	SLU-ENVE	Min	0	0	0	140,5785	22,0812	4,1474	-3,26	-53,24
1189	Shell-Thin	SLU-ENVE	Min	0	0	0	138,9352	21,6292	-2,8727	-3,26	-53,73
1189	Shell-Thin	SLE-ENVE	Max	0	0	0	84,4697	5,9945	3,7047	15,36	-19,09
1189	Shell-Thin	SLE-ENVE	Max	0	0	0	81,1622	5,0709	8,1826	15,36	-21
1189	Shell-Thin	SLE-ENVE	Max	0	0	0	94,9184	14,465	8,488	20,03	-21
1189	Shell-Thin	SLE-ENVE	Max	0	0	0	98,251	14,93	4,0101	20,03	-19,09
1189	Shell-Thin	SLE-ENVE	Min	0	0	0	63,4438	4,1139	-1,5936	0,13	-29,98
1189	Shell-Thin	SLE-ENVE	Min	0	0	0	63,3876	3,9908	2,2987	0,13	-29,71
1189	Shell-Thin	SLE-ENVE	Min	0	0	0	74,3268	11,6575	2,2886	-0,21	-29,71
1189	Shell-Thin	SLE-ENVE	Min	0	0	0	74,2125	11,571	-1,6037	-0,21	-29,98
1190	Shell-Thin	SLU-ENVE	Max	0	0	0	183,1878	27,7668	7,2171	39,54	-28,3
1190	Shell-Thin	SLU-ENVE	Max	0	0	0	178,4059	27,1352	15,6488	39,54	-31,85
1190	Shell-Thin	SLU-ENVE	Max	0	0	0	203,154	41,2445	15,4919	47,83	-31,85
1190	Shell-Thin	SLU-ENVE	Max	0	0	0	208,1761	41,9219	7,0602	47,83	-28,3
1190	Shell-Thin	SLU-ENVE	Min	0	0	0	138,9094	21,5005	-2,9074	-3,48	-46,69
1190	Shell-Thin	SLU-ENVE	Min	0	0	0	140,5535	21,956	4,2793	-3,48	-46,59
1190	Shell-Thin	SLU-ENVE	Min	0	0	0	160,1492	32,9345	4,377	-4,21	-46,59
1190	Shell-Thin	SLU-ENVE	Min	0	0	0	158,1435	32,1912	-2,8097	-4,21	-46,69
1190	Shell-Thin	SLE-ENVE	Max	0	0	0	98,2438	14,8984	4,0031	20,83	-16,07
1190	Shell-Thin	SLE-ENVE	Max	0	0	0	94,9062	14,4039	8,6701	20,83	-18,03
1190	Shell-Thin	SLE-ENVE	Max	0	0	0	108,6366	22,3536	8,5759	25,43	-18,03
1190	Shell-Thin	SLE-ENVE	Max	0	0	0	112,1035	22,8681	3,9089	25,43	-16,07
1190	Shell-Thin	SLE-ENVE	Min	0	0	0	74,1982	11,4994	-1,6211	-0,34	-26,12
1190	Shell-Thin	SLE-ENVE	Min	0	0	0	74,3128	11,5877	2,3565	-0,34	-26,07
1190	Shell-Thin	SLE-ENVE	Min	0	0	0	85,1837	17,7843	2,4103	-0,88	-26,07
1190	Shell-Thin	SLE-ENVE	Min	0	0	0	84,8646	17,1498	-1,5673	-0,88	-26,12
1191	Shell-Thin	SLU-ENVE	Max	0	0	0	208,1749	41,9162	6,699	47,75	-2,79
1191	Shell-Thin	SLU-ENVE	Max	0	0	0	203,1578	41,2632	15,1394	47,75	-2,85
1191	Shell-Thin	SLU-ENVE	Max	0	0	0	222,8632	35,7668	15,0217	54,27	-2,85
1191	Shell-Thin	SLU-ENVE	Max	0	0	0	229,109	37,1081	6,5813	54,27	-2,79
1191	Shell-Thin	SLU-ENVE	Min	0	0	0	158,1506	32,2266	-2,3207	-4,27	-11,7
1191	Shell-Thin	SLU-ENVE	Min	0	0	0	160,1559	32,9679	4,1539	-4,27	-9,35
1191	Shell-Thin	SLU-ENVE	Min	0	0	0	174,888	27,9205	4,2849	-5,09	-9,35
1191	Shell-Thin	SLU-ENVE	Min	0	0	0	172,4719	27,1487	-2,1897	-5,09	-11,7
1191	Shell-Thin	SLE-ENVE	Max	0	0	0	112,1029	22,8649	3,7036	25,39	-1,73
1191	Shell-Thin	SLE-ENVE	Max	0	0	0	108,6386	22,3638	8,3668	25,39	-1,81
1191	Shell-Thin	SLE-ENVE	Max	0	0	0	119,5477	19,461	8,2899	29	-1,81

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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
1191	Shell-Thin	SLE-ENVE	Max	0	0	0	123,6946	20,3271	3,6268	29	-1,73
1191	Shell-Thin	SLE-ENVE	Min	0	0	0	84,8685	17,1213	-1,2895	-0,8	-6,94
1191	Shell-Thin	SLE-ENVE	Min	0	0	0	85,1874	17,8027	2,2836	-0,8	-5,39
1191	Shell-Thin	SLE-ENVE	Min	0	0	0	93,3385	15,1327	2,3624	-1,25	-5,39
1191	Shell-Thin	SLE-ENVE	Min	0	0	0	92,7923	14,8368	-1,2107	-1,25	-6,94
1193	Shell-Thin	SLU-ENVE	Max	2,568E-20	1,967E-20	1,043E-20	250,3745	30,7918	7,563	56,98	42,53
1193	Shell-Thin	SLU-ENVE	Max	2,551E-20	1,881E-20	0	243,8821	30,4881	16,917	56,98	40,55
1193	Shell-Thin	SLU-ENVE	Max	-1,097E-19	-1,19E-20	0	261,9659	0,1165	18,6044	63,44	40,55
1193	Shell-Thin	SLU-ENVE	Max	-1,096E-19	-1,176E-20	0	268,6549	0,1154	9,2504	63,44	42,53
1193	Shell-Thin	SLU-ENVE	Min	1,947E-20	1,449E-20	0	188,7477	21,8876	-2,7681	-5,29	29,46
1193	Shell-Thin	SLU-ENVE	Min	1,93E-20	1,435E-20	0	191,5304	24,0212	5,1707	-5,29	32,68
1193	Shell-Thin	SLU-ENVE	Min	-1,523E-19	-1,714E-20	0	205,9376	0,0146	5,0347	-8,44	32,68
1193	Shell-Thin	SLU-ENVE	Min	-1,52E-19	-1,587E-20	0	202,8389	-0,0751	-2,9042	-8,44	29,46
1193	Shell-Thin	SLE-ENVE	Max	1,417E-20	1,061E-20	0	135,4559	16,966	4,1139	30,55	23,4
1193	Shell-Thin	SLE-ENVE	Max	1,408E-20	1,013E-20	0	131,164	16,715	9,2841	30,55	22,17
1193	Shell-Thin	SLE-ENVE	Max	-5,842E-20	0	0	141,1311	0,0638	10,1842	34,09	22,17
1193	Shell-Thin	SLE-ENVE	Max	-5,84E-20	0	0	145,5597	0,064	5,0141	34,09	23,4
1193	Shell-Thin	SLE-ENVE	Min	1,059E-20	0	0	101,7922	11,7716	-1,4589	-2,62	15,77
1193	Shell-Thin	SLE-ENVE	Min	1,051E-20	0	0	102,5294	12,9538	2,9135	-2,62	17,82
1193	Shell-Thin	SLE-ENVE	Min	-8,156E-20	0	0	110,4587	0,0103	2,8892	-4,88	17,82
1193	Shell-Thin	SLE-ENVE	Min	-8,145E-20	0	0	109,5796	-0,0422	-1,4832	-4,88	15,77
1229	Shell-Thin	SLU-ENVE	Max	0	0	0	127,5623	8,4873	32,0905	80,96	-25,25
1229	Shell-Thin	SLU-ENVE	Max	0	0	0	85,6414	5,6099	35,6825	80,96	-16,47
1229	Shell-Thin	SLU-ENVE	Max	0	0	0	93,2929	13,6315	37,2333	101,6	-16,47
1229	Shell-Thin	SLU-ENVE	Max	0	0	0	143,8445	21,9078	33,5635	101,6	-25,25
1229	Shell-Thin	SLU-ENVE	Min	0	0	0	103,626	7,2629	20,2143	58,17	-37,68
1229	Shell-Thin	SLU-ENVE	Min	0	0	0	69,7705	3,9514	23,369	58,17	-27,9
1229	Shell-Thin	SLU-ENVE	Min	0	0	0	73,622	9,3939	24,269	66,73	-27,9
1229	Shell-Thin	SLU-ENVE	Min	0	0	0	115,0125	17,5209	21,1143	66,73	-37,68
1229	Shell-Thin	SLE-ENVE	Max	0	0	0	66,1517	3,847	17,8022	45,58	-14,15
1229	Shell-Thin	SLE-ENVE	Max	0	0	0	42,514	2,1531	19,7959	45,58	-9,23
1229	Shell-Thin	SLE-ENVE	Max	0	0	0	45,7631	6,3692	20,6427	57,15	-9,23
1229	Shell-Thin	SLE-ENVE	Max	0	0	0	75,185	11,0646	18,606	57,15	-14,15

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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
1229	Shell-Thin	SLE-ENVE	Min	0	0	0	53,1705	3,2187	11,2075	33,27	-21,17
1229	Shell-Thin	SLE-ENVE	Min	0	0	0	35,7831	1,3709	12,9598	33,27	-15,68
1229	Shell-Thin	SLE-ENVE	Min	0	0	0	37,9328	4,7155	13,4473	38,01	-15,68
1229	Shell-Thin	SLE-ENVE	Min	0	0	0	59,5014	8,9766	11,695	38,01	-21,17
1230	Shell-Thin	SLU-ENVE	Max	0	0	0	143,8163	21,767	34,2515	104,27	-20,72
1230	Shell-Thin	SLU-ENVE	Max	0	0	0	93,2863	13,5983	38,2816	104,27	-12,68
1230	Shell-Thin	SLU-ENVE	Max	0	0	0	103,2645	19,8819	38,4756	124,79	-12,68
1230	Shell-Thin	SLU-ENVE	Max	0	0	0	162,8872	32,5674	34,5598	124,79	-20,72
1230	Shell-Thin	SLU-ENVE	Min	0	0	0	115,0275	17,5743	21,5506	67,72	-32,28
1230	Shell-Thin	SLU-ENVE	Min	0	0	0	73,6377	9,4727	25,1022	67,72	-23,25
1230	Shell-Thin	SLU-ENVE	Min	0	0	0	77,844	12,6794	25,5072	76,53	-23,25
1230	Shell-Thin	SLU-ENVE	Min	0	0	0	126,9218	24,4058	21,9555	76,53	-32,28
1230	Shell-Thin	SLE-ENVE	Max	0	0	0	75,1848	11,0637	18,9717	58,65	-11,7
1230	Shell-Thin	SLE-ENVE	Max	0	0	0	45,7746	6,35	21,2035	58,65	-7,17
1230	Shell-Thin	SLE-ENVE	Max	0	0	0	50,4296	9,9943	21,2883	70,01	-7,17
1230	Shell-Thin	SLE-ENVE	Max	0	0	0	84,3772	17,0753	19,1201	70,01	-11,7
1230	Shell-Thin	SLE-ENVE	Min	0	0	0	59,5096	9,0178	11,924	38,57	-18,28
1230	Shell-Thin	SLE-ENVE	Min	0	0	0	37,9415	4,759	13,8914	38,57	-13,19
1230	Shell-Thin	SLE-ENVE	Min	0	0	0	40,2891	6,6101	14,0967	43,43	-13,19
1230	Shell-Thin	SLE-ENVE	Min	0	0	0	66,1122	12,9003	12,1293	43,43	-18,28
1231	Shell-Thin	SLU-ENVE	Max	0	0	0	162,8947	32,6045	34,1731	125,01	2,38
1231	Shell-Thin	SLU-ENVE	Max	0	0	0	103,2644	19,8811	38,565	125,01	-0,79
1231	Shell-Thin	SLU-ENVE	Max	0	0	0	111,0544	15,3869	38,6594	139,3	-0,79
1231	Shell-Thin	SLU-ENVE	Max	0	0	0	176,6915	27,7429	34,3288	139,3	2,38
1231	Shell-Thin	SLU-ENVE	Min	0	0	0	126,9113	24,3536	21,7596	76,9	-5,84
1231	Shell-Thin	SLU-ENVE	Min	0	0	0	77,8368	12,6434	26,1561	76,9	-5,84
1231	Shell-Thin	SLU-ENVE	Min	0	0	0	83,0805	11,0016	26,3729	85,31	-5,84
1231	Shell-Thin	SLU-ENVE	Min	0	0	0	139,2004	22,8764	21,9764	85,31	-5,84
1231	Shell-Thin	SLE-ENVE	Max	0	0	0	84,3749	17,0952	18,8825	70,14	0,85
1231	Shell-Thin	SLE-ENVE	Max	0	0	0	50,4292	9,9921	21,3034	70,14	-0,88
1231	Shell-Thin	SLE-ENVE	Max	0	0	0	54,7485	7,897	21,3274	78,02	-0,88
1231	Shell-Thin	SLE-ENVE	Max	0	0	0	92,543	14,8893	18,9397	78,02	0,85
1231	Shell-Thin	SLE-ENVE	Min	0	0	0	66,1063	12,8707	12,0048	43,64	-3,51
1231	Shell-Thin	SLE-ENVE	Min	0	0	0	40,2849	6,5893	14,4271	43,64	-3,54
1231	Shell-Thin	SLE-ENVE	Min	0	0	0	43,1971	5,7919	14,5239	48,26	-3,54
1231	Shell-Thin	SLE-ENVE	Min	0	0	0	72,9044	12,2056	12,1017	48,26	-3,51
1233	Shell-Thin	SLU-ENVE	Max	0	0	1,135E-20	192,7548	23,6877	38,1364	147,32	34,97
1233	Shell-Thin	SLU-ENVE	Max	0	0	0	119,7519	13,047	42,6857	147,32	13,95
1233	Shell-Thin	SLU-ENVE	Max	6,766E-20	0	0	126,8994	0,0465	47,099	163,37	13,95
1233	Shell-Thin	SLU-ENVE	Max	-	0	0	207,2259	0,1782	42,3934	163,37	34,97
1233	Shell-Thin	SLU-ENVE	Min	6,733E-20	0	0	149,8463	16,5487	24,6477	87,91	24,51
1233	Shell-Thin	SLU-ENVE	Min	0	0	0	87,3643	7,0898	28,9453	87,91	6,58
1233	Shell-Thin	SLU-ENVE	Min	-	0	0	90,6439	-0,0537	31,7854	95,25	6,58
1233	Shell-Thin	SLU-ENVE	Min	8,827E-20	0	0	159,2645	-0,0021	27,4878	95,25	24,51
1233	Shell-Thin	SLU-ENVE	Min	-	0	0	159,2645	-0,0021	27,4878	95,25	24,51
1233	Shell-Thin	SLE-ENVE	Max	8,777E-20	0	0	100,5152	12,7584	20,9913	82,39	18,81

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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
1233	Shell-Thin	SLE-ENVE	Max	0	0	0	59,4994	6,8283	23,4805	82,39	7,09
1233	Shell-Thin	SLE-ENVE	Max	-3,548E-20	0	0	63,3363	0,0259	25,9402	91,36	7,09
1233	Shell-Thin	SLE-ENVE	Max	-3,53E-20	0	0	107,614	0,0981	23,3558	91,36	18,81
1233	Shell-Thin	SLE-ENVE	Min	0	0	0	78,7528	8,9113	13,5742	49,62	13,2
1233	Shell-Thin	SLE-ENVE	Min	0	0	0	45,543	3,7884	15,8898	49,62	3,41
1233	Shell-Thin	SLE-ENVE	Min	-4,669E-20	0	0	47,3147	-0,0313	17,4847	53,75	3,41
1233	Shell-Thin	SLE-ENVE	Min	-4,642E-20	0	0	83,8911	-0,0018	15,1692	53,75	13,2
1269	Shell-Thin	SLU-ENVE	Max	0	0	0	33,2998	0,1814	37,9507	121,89	2,13
1269	Shell-Thin	SLU-ENVE	Max	0	0	0	-23,9818	-6,8374	35,5477	121,89	11,08
1269	Shell-Thin	SLU-ENVE	Max	0	0	0	-31,1883	-6,5139	36,9976	145,31	11,08
1269	Shell-Thin	SLU-ENVE	Max	0	0	0	37,8836	5,8377	39,4006	145,31	2,13
1269	Shell-Thin	SLU-ENVE	Min	0	0	0	21,0494	-1,7004	29,5258	107,04	-12,73
1269	Shell-Thin	SLU-ENVE	Min	0	0	0	-33,7588	-8,5893	28,9577	107,04	-0,65
1269	Shell-Thin	SLU-ENVE	Min	0	0	0	-45,1146	-9,5095	30,2731	126,57	-0,65
1269	Shell-Thin	SLU-ENVE	Min	0	0	0	19,4619	1,2871	30,8412	126,57	-12,73
1269	Shell-Thin	SLE-ENVE	Max	0	0	0	13,2437	-1,211	21,0651	67,81	1,07
1269	Shell-Thin	SLE-ENVE	Max	0	0	0	-18,6448	-5,1748	19,7328	67,81	6,12
1269	Shell-Thin	SLE-ENVE	Max	0	0	0	-22,6484	-4,673	20,5266	80,85	6,12
1269	Shell-Thin	SLE-ENVE	Max	0	0	0	15,8901	2,2541	21,8588	80,85	1,07
1269	Shell-Thin	SLE-ENVE	Min	0	0	0	8,0912	-1,6397	16,3893	60,88	-7,13
1269	Shell-Thin	SLE-ENVE	Min	0	0	0	-23,3892	-5,6924	16,0758	60,88	-0,38
1269	Shell-Thin	SLE-ENVE	Min	0	0	0	-30,3754	-6,37	16,7968	72,42	-0,38
1269	Shell-Thin	SLE-ENVE	Min	0	0	0	7,2242	0,0432	17,1103	72,42	-7,13
1270	Shell-Thin	SLU-ENVE	Max	0	0	0	37,8553	5,696	40,669	146,63	6,99
1270	Shell-Thin	SLU-ENVE	Max	0	0	0	-31,1871	-6,508	37,6835	146,63	13,71
1270	Shell-Thin	SLU-ENVE	Max	0	0	0	-40,6751	-6,2842	38,4606	174,7	13,71
1270	Shell-Thin	SLU-ENVE	Max	0	0	0	43,2561	10,6073	41,4462	174,7	6,99
1270	Shell-Thin	SLU-ENVE	Min	0	0	0	19,456	1,2574	31,7872	127,49	-7,69
1270	Shell-Thin	SLU-ENVE	Min	0	0	0	-45,1106	-9,4894	30,7218	127,49	1,68
1270	Shell-Thin	SLU-ENVE	Min	0	0	0	-59,0461	-11,7645	31,0341	151,28	1,68
1270	Shell-Thin	SLU-ENVE	Min	0	0	0	17,4182	2,3928	32,0995	151,28	-7,69
1270	Shell-Thin	SLE-ENVE	Max	0	0	0	15,8744	2,1755	22,5442	81,61	3,67
1270	Shell-Thin	SLE-ENVE	Max	0	0	0	-22,6473	-4,6672	20,8951	81,61	7,53
1270	Shell-Thin	SLE-ENVE	Max	0	0	0	-27,9067	-4,5321	21,3046	97,25	7,53
1270	Shell-Thin	SLE-ENVE	Max	0	0	0	18,9134	4,9515	22,9536	97,25	3,67
1270	Shell-Thin	SLE-ENVE	Min	0	0	0	7,2209	0,0269	17,6195	72,94	-4,38
1270	Shell-Thin	SLE-ENVE	Min	0	0	0	-30,3628	-6,3071	17,0356	72,94	0,9
1270	Shell-Thin	SLE-ENVE	Min	0	0	0	-39,1907	-7,9423	17,1902	86,21	0,9
1270	Shell-Thin	SLE-ENVE	Min	0	0	0	6,1272	0,5221	17,7741	86,21	-4,38
1271	Shell-Thin	SLU-ENVE	Max	0	0	0	43,2872	10,7625	42,3756	175,62	19,27
1271	Shell-Thin	SLU-ENVE	Max	0	0	0	-40,7512	-6,6647	38,6214	175,62	24,54
1271	Shell-Thin	SLU-ENVE	Max	0	0	0	-53,064	-14,2856	39,0565	203,85	24,54
1271	Shell-Thin	SLU-ENVE	Max	0	0	0	43,0881	3,7889	42,8108	203,85	19,27
1271	Shell-Thin	SLU-ENVE	Min	0	0	0	17,4445	2,5246	32,5361	151,98	13,64
1271	Shell-Thin	SLU-ENVE	Min	0	0	0	-59,1199	-12,0892	30,5376	151,98	16,87
1271	Shell-Thin	SLU-ENVE	Min	0	0	0	-75,5487	-18,505	30,6493	176,33	16,87

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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
1271	Shell-Thin	SLU-ENVE	Min	0	0	0	13,1904	-2,1989	32,6479	176,33	13,64
1271	Shell-Thin	SLE-ENVE	Max	0	0	0	18,9308	5,0383	23,4283	97,82	10,4
1271	Shell-Thin	SLE-ENVE	Max	0	0	0	-27,9501	-4,7492	21,3693	97,82	13,52
1271	Shell-Thin	SLE-ENVE	Max	0	0	0	-34,6888	-8,9582	21,557	113,4	13,52
1271	Shell-Thin	SLE-ENVE	Max	0	0	0	18,8662	1,2864	23,616	113,4	10,4
1271	Shell-Thin	SLE-ENVE	Min	0	0	0	6,1421	0,5649	17,9789	86,66	7,1
1271	Shell-Thin	SLE-ENVE	Min	0	0	0	-39,2289	-8,1331	16,8932	86,66	9,19
1271	Shell-Thin	SLE-ENVE	Min	0	0	0	-47,8418	-11,2854	16,9047	100,03	9,19
1271	Shell-Thin	SLE-ENVE	Min	0	0	0	3,8179	-1,7656	17,9904	100,03	7,1
1273	Shell-Thin	SLU-ENVE	Max	-	0	0	47,0195	5,457	47,1244	219,1	14,2
				1,147E-20							
1273	Shell-Thin	SLU-ENVE	Max	-1,15E-20	0	0	-60,8739	-18,1221	42,9109	219,1	-29,99
1273	Shell-Thin	SLU-ENVE	Max	-	0	0	-73,9773	-1,0134	47,7677	258,85	-29,99
				2,973E-20							
1273	Shell-Thin	SLU-ENVE	Max	-2,97E-20	0	0	52,393	0,475	51,9812	258,85	14,2
1273	Shell-Thin	SLU-ENVE	Min	-	0	0	11,5071	-2,8166	36,2945	190,2	3,56
				1,829E-20							
1273	Shell-Thin	SLU-ENVE	Min	-	0	0	-87,6774	-24,9613	34,1788	190,2	-37,93
				1,831E-20							
1273	Shell-Thin	SLU-ENVE	Min	-	0	0	-105,0249	-1,1817	38,7174	224,01	-37,93
				3,771E-20							
1273	Shell-Thin	SLU-ENVE	Min	-	0	0	11,6413	0,3041	40,8331	224,01	3,56
				3,768E-20							
1273	Shell-Thin	SLE-ENVE	Max	0	0	0	21,0376	2,5213	25,7252	121,35	7,03
1273	Shell-Thin	SLE-ENVE	Max	0	0	0	-38,7198	-10,9861	23,3082	121,35	-18,24
1273	Shell-Thin	SLE-ENVE	Max	-	0	0	-45,9853	-0,6064	25,8834	143,08	-18,24
				1,522E-20							
1273	Shell-Thin	SLE-ENVE	Max	-1,52E-20	0	0	23,8881	0,2657	28,3005	143,08	7,03
1273	Shell-Thin	SLE-ENVE	Min	0	0	0	2,8857	-2,126	19,7492	107,2	1,01
1273	Shell-Thin	SLE-ENVE	Min	0	0	0	-55,2263	-15,0769	18,4909	107,2	-23,2
1273	Shell-Thin	SLE-ENVE	Min	-	0	0	-64,8153	-0,6985	20,8964	125,9	-23,2
				1,954E-20							
1273	Shell-Thin	SLE-ENVE	Min	-	0	0	2,8937	0,1754	22,1547	125,9	1,01
				1,952E-20							
1289	Shell-Thin	SLU-ENVE	Max	0	0	0	-24,0987	-6,8265	32,4104	128,65	17,41
1289	Shell-Thin	SLU-ENVE	Max	0	0	0	-54,4207	-10,7675	28,6257	128,65	26,93
1289	Shell-Thin	SLU-ENVE	Max	0	0	0	-75,9365	-15,4051	29,6771	190,84	26,93
1289	Shell-Thin	SLU-ENVE	Max	0	0	0	-31,1016	-6,4966	33,4618	190,84	17,41
1289	Shell-Thin	SLU-ENVE	Min	0	0	0	-33,8008	-8,5977	26,9595	110,46	10,13
1289	Shell-Thin	SLU-ENVE	Min	0	0	0	-61,8707	-12,2904	23,9588	110,46	21,63
1289	Shell-Thin	SLU-ENVE	Min	0	0	0	-88,4263	-18,154	25,0308	136,37	21,63
1289	Shell-Thin	SLU-ENVE	Min	0	0	0	-45,0341	-9,4934	28,0315	136,37	10,13
1289	Shell-Thin	SLE-ENVE	Max	0	0	0	-18,7094	-5,1878	17,9891	71,33	9,65
1289	Shell-Thin	SLE-ENVE	Max	0	0	0	-35,5702	-7,0508	15,8851	71,33	14,98

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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
1289	Shell-Thin	SLE-ENVE	Max	0	0	0	-48,1591	-9,8754	16,4597	105,95	14,98
1289	Shell-Thin	SLE-ENVE	Max	0	0	0	-22,5997	-4,6633	18,5637	105,95	9,65
1289	Shell-Thin	SLE-ENVE	Min	0	0	0	-23,4118	-5,6969	14,9649	64,08	5,63
1289	Shell-Thin	SLE-ENVE	Min	0	0	0	-39,6654	-7,8922	13,296	64,08	12,03
1289	Shell-Thin	SLE-ENVE	Min	0	0	0	-54,3929	-11,1422	13,883	77,86	12,03
1289	Shell-Thin	SLE-ENVE	Min	0	0	0	-30,3419	-6,3633	15,5519	77,86	5,63
1290	Shell-Thin	SLU-ENVE	Max	0	0	0	-31,1005	-6,4907	33,8722	192,57	21,09
1290	Shell-Thin	SLU-ENVE	Max	0	0	0	-75,9719	-15,5819	29,6641	192,57	22,85
1290	Shell-Thin	SLU-ENVE	Max	0	0	0	-96,897	-18,1998	29,8733	243,4	22,85
1290	Shell-Thin	SLU-ENVE	Max	0	0	0	-40,7289	-6,295	34,0815	243,4	21,09
1290	Shell-Thin	SLU-ENVE	Min	0	0	0	-45,0301	-9,4733	28,2416	136,7	12,77
1290	Shell-Thin	SLU-ENVE	Min	0	0	0	-88,4371	-18,2083	24,9497	136,7	18,1
1290	Shell-Thin	SLU-ENVE	Min	0	0	0	-115,3952	-21,2169	24,779	155,48	18,1
1290	Shell-Thin	SLU-ENVE	Min	0	0	0	-59,1679	-11,8056	28,071	155,48	12,77
1290	Shell-Thin	SLE-ENVE	Max	0	0	0	-22,5986	-4,6575	18,7766	106,92	11,64
1290	Shell-Thin	SLE-ENVE	Max	0	0	0	-48,159	-9,8752	16,4411	106,92	12,62
1290	Shell-Thin	SLE-ENVE	Max	0	0	0	-60,6021	-11,2098	16,5474	135,14	12,62
1290	Shell-Thin	SLE-ENVE	Max	0	0	0	-27,9414	-4,539	18,8829	135,14	11,64
1290	Shell-Thin	SLE-ENVE	Min	0	0	0	-30,3293	-6,3004	15,6549	78,05	7,07
1290	Shell-Thin	SLE-ENVE	Min	0	0	0	-54,3996	-11,1759	13,8273	78,05	9,98
1290	Shell-Thin	SLE-ENVE	Min	0	0	0	-69,3591	-12,8167	13,7256	88,37	9,98
1290	Shell-Thin	SLE-ENVE	Min	0	0	0	-39,3135	-7,9668	15,5532	88,37	7,07
1291	Shell-Thin	SLU-ENVE	Max	0	0	0	-40,8049	-6,6755	34,8334	244,99	35,01
1291	Shell-Thin	SLU-ENVE	Max	0	0	0	-96,7332	-17,2724	30,2607	244,99	55,83
1291	Shell-Thin	SLU-ENVE	Max	0	0	0	-125,3357	-31,1228	29,0151	308,45	55,83
1291	Shell-Thin	SLU-ENVE	Max	0	0	0	-52,5088	-14,1745	33,5878	308,45	35,01
1291	Shell-Thin	SLU-ENVE	Min	0	0	0	-59,2417	-12,1303	28,1359	156,78	26,41
1291	Shell-Thin	SLU-ENVE	Min	0	0	0	-115,1547	-20,0146	24,6845	156,78	44,5
1291	Shell-Thin	SLU-ENVE	Min	-1,19E-20	0	0	-147,7467	-38,7853	23,3687	213,57	44,5
1291	Shell-Thin	SLU-ENVE	Min	-	0	0	-74,9942	-18,3926	26,8201	213,57	26,41
				1,214E-20							
1291	Shell-Thin	SLE-ENVE	Max	0	0	0	-27,9848	-4,7561	19,291	136,09	19,34
1291	Shell-Thin	SLE-ENVE	Max	0	0	0	-60,4837	-10,6177	16,7608	136,09	31,29
1291	Shell-Thin	SLE-ENVE	Max	0	0	0	-75,0476	-19,0918	16,0188	172,02	31,29
1291	Shell-Thin	SLE-ENVE	Max	0	0	0	-34,3684	-8,8941	18,549	172,02	19,34
1291	Shell-Thin	SLE-ENVE	Min	0	0	0	-39,3517	-8,1577	15,5858	89,21	14,49
1291	Shell-Thin	SLE-ENVE	Min	0	0	0	-69,2219	-12,1308	13,6758	89,21	25,31
1291	Shell-Thin	SLE-ENVE	Min	0	0	0	-87,377	-22,7169	12,8937	122,07	25,31
1291	Shell-Thin	SLE-ENVE	Min	0	0	0	-47,5411	-11,2096	14,8037	122,07	14,49
1293	Shell-Thin	SLU-ENVE	Max	-	0	0	-59,4005	-17,8274	37,5319	443,08	-22,82
				1,411E-20							
1293	Shell-Thin	SLU-ENVE	Max	-	0	0	-162,2766	-51,4384	33,9683	443,08	-98,44
				1,499E-20							
1293	Shell-Thin	SLU-ENVE	Max	-	0	0	-157,1519	5,1817	37,2041	337,83	-98,44
				2,259E-20							
1293	Shell-Thin	SLU-ENVE	Max	-	0	0	-74,9168	-1,2013	40,7677	337,83	-22,82
				2,171E-20							

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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
1293	Shell-Thin	SLU-ENVE	Min	- 2,104E- 20	0	0	-86,0667	-24,6476	30,3598	313,59	-32,83
1293	Shell-Thin	SLU-ENVE	Min	- 2,218E- 20	0	0	-194,5115	-62,4058	27,7509	313,59	-120,92
1293	Shell-Thin	SLU-ENVE	Min	- 2,874E- 20	0	0	-189,4676	4,3616	31,1451	216,77	-120,92
1293	Shell-Thin	SLU-ENVE	Min	- 2,757E- 20	0	0	-106,6085	-1,4967	33,754	216,77	-32,83
1293	Shell-Thin	SLE-ENVE	Max	0	0	0	-37,8323	-10,8086	20,3539	248,91	-15,02
1293	Shell-Thin	SLE-ENVE	Max	0	0	0	-95,6553	-30,5286	18,544	248,91	-60,5
1293	Shell-Thin	SLE-ENVE	Max	- 1,153E- 20	0	0	-90,6048	3,047	20,1089	181,18	-60,5
1293	Shell-Thin	SLE-ENVE	Max	- 1,107E- 20	0	0	-46,5829	-0,7259	21,9188	181,18	-15,02
1293	Shell-Thin	SLE-ENVE	Min	- 1,118E- 20	0	0	-54,2579	-14,8832	16,3977	180,36	-21,47
1293	Shell-Thin	SLE-ENVE	Min	- 1,178E- 20	0	0	-113,4089	-36,0991	15,112	180,36	-71,05
1293	Shell-Thin	SLE-ENVE	Min	- 1,486E- 20	0	0	-108,3924	2,5937	16,7654	113,02	-71,05
1293	Shell-Thin	SLE-ENVE	Min	- 1,424E- 20	0	0	-65,7959	-0,8881	18,0511	113,02	-21,47
1309	Shell-Thin	SLU-ENVE	Max	0	0	0	-54,4412	-10,7716	24,0547	-27,36	29,72
1309	Shell-Thin	SLU-ENVE	Max	0	0	0	-47,8303	-8,7978	19,5746	-27,36	26,31
1309	Shell-Thin	SLU-ENVE	Max	0	0	0	-64,7972	-12,9034	19,9642	-44,38	26,31
1309	Shell-Thin	SLU-ENVE	Max	0	0	0	-75,9461	-15,407	24,4443	-44,38	29,72
1309	Shell-Thin	SLU-ENVE	Min	0	0	0	-61,8835	-12,2922	20,1092	-34,22	22,71
1309	Shell-Thin	SLU-ENVE	Min	0	0	0	-53,9136	-10,2678	16,1782	-34,22	21,67
1309	Shell-Thin	SLU-ENVE	Min	0	0	0	-72,3897	-14,4355	16,6362	-64,99	21,67
1309	Shell-Thin	SLU-ENVE	Min	0	0	0	-88,4396	-18,1567	20,5672	-64,99	22,71
1309	Shell-Thin	SLE-ENVE	Max	0	0	0	-35,5818	-7,0531	13,3401	-19,76	16,53
1309	Shell-Thin	SLE-ENVE	Max	0	0	0	-30,7693	-5,7315	10,85	-19,76	14,63
1309	Shell-Thin	SLE-ENVE	Max	0	0	0	-40,195	-8,0372	11,0628	-31,28	14,63
1309	Shell-Thin	SLE-ENVE	Max	0	0	0	-48,1655	-9,8767	13,553	-31,28	16,53
1309	Shell-Thin	SLE-ENVE	Min	0	0	0	-39,6704	-7,8932	11,1515	-24,57	12,63
1309	Shell-Thin	SLE-ENVE	Min	0	0	0	-34,1598	-6,547	8,966	-24,57	12,04
1309	Shell-Thin	SLE-ENVE	Min	0	0	0	-44,4216	-8,8686	9,2179	-40,35	12,04
1309	Shell-Thin	SLE-ENVE	Min	0	0	0	-54,4004	-11,1437	11,4034	-40,35	12,63
1310	Shell-Thin	SLU-ENVE	Max	0	0	0	-75,9815	-15,5839	24,9138	-43,27	25,51
1310	Shell-Thin	SLU-ENVE	Max	0	0	0	-64,7847	-12,8811	20,0329	-43,27	28,79
1310	Shell-Thin	SLU-ENVE	Max	0	0	0	-83,9956	-16,9944	19,4033	-49,69	28,79
1310	Shell-Thin	SLU-ENVE	Max	0	0	0	-96,8638	-18,1932	24,2842	-49,69	25,51
1310	Shell-Thin	SLU-ENVE	Min	0	0	0	-88,4505	-18,211	20,9192	-63,02	21,39
1310	Shell-Thin	SLU-ENVE	Min	0	0	0	-72,3818	-14,396	16,7357	-63,02	24,4
1310	Shell-Thin	SLU-ENVE	Min	0	0	0	-93,8959	-19,0292	16,0537	-84,46	24,4
1310	Shell-Thin	SLU-ENVE	Min	0	0	0	-115,3232	-21,2025	20,2372	-84,46	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
1310	Shell-Thin	SLE-ENVE	Max	0	0	0	-48,1654	-9,8764	13,807	-30,63	14,1
1310	Shell-Thin	SLE-ENVE	Max	0	0	0	-40,1878	-8,0009	11,099	-30,63	15,99
1310	Shell-Thin	SLE-ENVE	Max	0	0	0	-50,8474	-10,4838	10,7346	-34,13	15,99
1310	Shell-Thin	SLE-ENVE	Max	0	0	0	-60,5595	-11,2012	13,4426	-34,13	14,1
1310	Shell-Thin	SLE-ENVE	Min	0	0	0	-54,4072	-11,1774	11,5939	-39,24	11,7
1310	Shell-Thin	SLE-ENVE	Min	0	0	0	-44,417	-8,8455	9,2721	-39,24	13,52
1310	Shell-Thin	SLE-ENVE	Min	0	0	0	-56,3474	-11,4228	8,8783	-51,16	13,52
1310	Shell-Thin	SLE-ENVE	Min	0	0	0	-69,3184	-12,8086	11,2001	-51,16	11,7
1311	Shell-Thin	SLU-ENVE	Max	0	0	0	-96,7	-17,2574	22,9987	-52,3	57,42
1311	Shell-Thin	SLU-ENVE	Max	0	0	0	-84,0373	-17,1454	18,0561	-52,3	28,13
1311	Shell-Thin	SLU-ENVE	Max	0	0	0	-98,9368	-20,3243	20,1162	-100,65	28,13
1311	Shell-Thin	SLU-ENVE	Max	0	0	0	-125,5163	-31,1466	25,0588	-100,65	57,42
1311	Shell-Thin	SLU-ENVE	Min	0	0	0	-115,0827	-20,0002	18,7516	-88,7	45,66
1311	Shell-Thin	SLU-ENVE	Min	0	0	0	-93,9413	-19,2562	14,8442	-88,7	21,18
1311	Shell-Thin	SLU-ENVE	Min	0	0	0	-113,1335	-23,4347	16,5391	-143,39	21,18
1311	Shell-Thin	SLU-ENVE	Min	0	0	0	-147,9456	-38,8251	20,4464	-143,39	45,66
1311	Shell-Thin	SLE-ENVE	Max	0	0	0	-60,4411	-10,6092	12,6974	-35,67	32,16
1311	Shell-Thin	SLE-ENVE	Max	0	0	0	-50,8709	-10,6014	9,9668	-35,67	15,53
1311	Shell-Thin	SLE-ENVE	Max	0	0	0	-58,9785	-12,1237	11,1228	-64,22	15,53
1311	Shell-Thin	SLE-ENVE	Max	0	0	0	-75,1501	-19,1058	13,8534	-64,22	32,16
1311	Shell-Thin	SLE-ENVE	Min	0	0	0	-69,1812	-12,1226	10,3427	-53,55	25,92
1311	Shell-Thin	SLE-ENVE	Min	0	0	0	-56,3729	-11,5504	8,1845	-53,55	11,68
1311	Shell-Thin	SLE-ENVE	Min	0	0	0	-66,8651	-13,8511	9,1437	-84,82	11,68
1311	Shell-Thin	SLE-ENVE	Min	0	0	0	-87,4891	-22,7393	11,3018	-84,82	25,92
1313	Shell-Thin	SLU-ENVE	Max	0	0	0	-162,9014	-51,5498	33,1111	-185,71	-84,99
1313	Shell-Thin	SLU-ENVE	Max	0	0	0	-114,5321	-22,1692	25,2178	-185,71	28,57
1313	Shell-Thin	SLU-ENVE	Max	0	0	0	-172,1869	-20,5135	24,2102	72,39	28,57
1313	Shell-Thin	SLU-ENVE	Max	0	0	0	-156,348	5,3613	32,1035	72,39	-84,99
1313	Shell-Thin	SLU-ENVE	Min	0	0	0	-195,2258	-62,5486	27,432	-252,76	-104,24
1313	Shell-Thin	SLU-ENVE	Min	0	0	0	-131,5403	-25,3388	20,8895	-252,76	22,86
1313	Shell-Thin	SLU-ENVE	Min	0	0	0	-200,0995	-23,8353	20,3392	48,14	22,86
1313	Shell-Thin	SLU-ENVE	Min	0	0	0	-188,5694	4,5224	26,8816	48,14	-104,24
1313	Shell-Thin	SLE-ENVE	Max	0	0	0	-96,0066	-30,5989	18,3011	-114,11	-52,66
1313	Shell-Thin	SLE-ENVE	Max	0	0	0	-67,1852	-13,0489	14,0828	-114,11	14,64
1313	Shell-Thin	SLE-ENVE	Max	0	0	0	-99,5009	-11,8488	13,463	43,76	14,64
1313	Shell-Thin	SLE-ENVE	Max	0	0	0	-90,1556	3,1473	17,6813	43,76	-52,66
1313	Shell-Thin	SLE-ENVE	Min	0	0	0	-113,8094	-36,1792	15,1629	-147,55	-61,78
1313	Shell-Thin	SLE-ENVE	Min	0	0	0	-76,6167	-14,8051	11,6882	-147,55	11,5
1313	Shell-Thin	SLE-ENVE	Min	0	0	0	-114,9469	-13,6869	11,3225	29,47	11,5
1313	Shell-Thin	SLE-ENVE	Min	0	0	0	-107,8912	2,6835	14,7972	29,47	-61,78
1564	Shell-Thin	SLU-ENVE	Max	0	0	0	85,642	5,61	37,3385	100,18	-11,99
1564	Shell-Thin	SLU-ENVE	Max	0	0	0	60,7194	2,9121	37,9413	100,18	-9,04
1564	Shell-Thin	SLU-ENVE	Max	0	0	0	63,2778	9,4126	39,4556	128,87	-9,04
1564	Shell-Thin	SLU-ENVE	Max	0	0	0	93,2779	13,6285	38,8529	128,87	-11,99
1564	Shell-Thin	SLU-ENVE	Min	0	0	0	69,7752	3,9523	25,2687	75,18	-21,83
1564	Shell-Thin	SLU-ENVE	Min	0	0	0	46,2044	1,4013	26,4371	75,18	-19,35
1564	Shell-Thin	SLU-ENVE	Min	0	0	0	46,9367	5,3622	27,3246	74,98	-19,35
1564	Shell-Thin	SLU-ENVE	Min	0	0	0	73,5978	9,3891	26,1562	74,98	-21,83
1564	Shell-Thin	SLE-ENVE	Max	0	0	0	42,5145	2,1532	20,7175	55,07	-6,75
1564	Shell-Thin	SLE-ENVE	Max	0	0	0	28,5536	0,6184	21,054	55,07	-5,09
1564	Shell-Thin	SLE-ENVE	Max	0	0	0	29,9934	4,287	21,8795	70,98	-5,09
1564	Shell-Thin	SLE-ENVE	Max	0	0	0	45,7482	6,3676	21,5431	70,98	-6,75

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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
1564	Shell-Thin	SLE-ENVE	Min	0	0	0	35,7859	1,3594	14,017	42,49	-12,32
1564	Shell-Thin	SLE-ENVE	Min	0	0	0	22,43	0,1673	14,6678	42,49	-10,83
1564	Shell-Thin	SLE-ENVE	Min	0	0	0	22,8507	2,4008	15,1474	42,37	-10,83
1564	Shell-Thin	SLE-ENVE	Min	0	0	0	37,9196	4,7129	14,4966	42,37	-12,32
1565	Shell-Thin	SLU-ENVE	Max	0	0	0	60,7343	2,9151	38,283	107,63	-7,01
1565	Shell-Thin	SLU-ENVE	Max	0	0	0	33,2603	0,195	38,4005	107,63	-4,13
1565	Shell-Thin	SLU-ENVE	Max	0	0	0	37,9628	5,8536	39,8671	130,89	-4,13
1565	Shell-Thin	SLU-ENVE	Max	0	0	0	63,2727	9,4117	39,7496	130,89	-7,01
1565	Shell-Thin	SLU-ENVE	Min	0	0	0	46,2137	1,4032	27,5139	88,63	-19
1565	Shell-Thin	SLU-ENVE	Min	0	0	0	21,0376	-1,7028	28,5963	88,63	-18,25
1565	Shell-Thin	SLU-ENVE	Min	0	0	0	19,5421	1,3032	29,6401	92,18	-18,25
1565	Shell-Thin	SLU-ENVE	Min	0	0	0	46,9323	5,3613	28,5577	92,18	-19
1565	Shell-Thin	SLE-ENVE	Max	0	0	0	28,5619	0,6201	21,2453	59,85	-3,97
1565	Shell-Thin	SLE-ENVE	Max	0	0	0	13,2219	-1,2034	21,3129	59,85	-2,41
1565	Shell-Thin	SLE-ENVE	Max	0	0	0	15,9343	2,263	22,1132	72,77	-2,41
1565	Shell-Thin	SLE-ENVE	Max	0	0	0	29,9906	4,2866	22,0456	72,77	-3,97
1565	Shell-Thin	SLE-ENVE	Min	0	0	0	22,4353	0,1683	15,2674	49,8	-10,63
1565	Shell-Thin	SLE-ENVE	Min	0	0	0	8,0851	-1,6409	15,871	49,8	-10,2
1565	Shell-Thin	SLE-ENVE	Min	0	0	0	7,2692	0,0522	16,4388	51,78	-10,2
1565	Shell-Thin	SLE-ENVE	Min	0	0	0	22,8484	2,4004	15,8352	51,78	-10,63
1566	Shell-Thin	SLU-ENVE	Max	0	0	0	93,2712	13,5953	39,903	131,95	-8,02
1566	Shell-Thin	SLU-ENVE	Max	0	0	0	63,29	9,3762	40,6663	131,95	-5,49
1566	Shell-Thin	SLU-ENVE	Max	0	0	0	68,4772	14,5077	41,511	160,95	-5,49
1566	Shell-Thin	SLU-ENVE	Max	0	0	0	103,3467	19,8984	40,7478	160,95	-8,02
1566	Shell-Thin	SLU-ENVE	Min	0	0	0	73,6135	9,4678	26,979	74,91	-17,21
1566	Shell-Thin	SLU-ENVE	Min	0	0	0	46,9465	5,4111	28,2674	74,91	-15,42
1566	Shell-Thin	SLU-ENVE	Min	0	0	0	47,6762	7,3445	29,2371	76,76	-15,42
1566	Shell-Thin	SLU-ENVE	Min	0	0	0	77,7965	12,6699	27,9487	76,76	-17,21
1566	Shell-Thin	SLE-ENVE	Max	0	0	0	45,7598	6,3485	22,1055	72,73	-4,6
1566	Shell-Thin	SLE-ENVE	Max	0	0	0	30,0001	4,2663	22,5306	72,73	-3,16
1566	Shell-Thin	SLE-ENVE	Max	0	0	0	33,0494	7,1873	22,9711	88,75	-3,16
1566	Shell-Thin	SLE-ENVE	Max	0	0	0	50,4767	10,0037	22,546	88,75	-4,6
1566	Shell-Thin	SLE-ENVE	Min	0	0	0	37,9283	4,7563	14,9357	42,35	-9,87
1566	Shell-Thin	SLE-ENVE	Min	0	0	0	22,8561	2,4276	15,6526	42,35	-8,71
1566	Shell-Thin	SLE-ENVE	Min	0	0	0	23,2853	3,5573	16,1661	43,33	-8,71
1566	Shell-Thin	SLE-ENVE	Min	0	0	0	40,2633	6,6049	15,4492	43,33	-9,87
1567	Shell-Thin	SLU-ENVE	Max	0	0	0	63,2849	9,3753	40,9643	133,5	-3
1567	Shell-Thin	SLU-ENVE	Max	0	0	0	37,9345	5,7118	41,1008	133,5	-0,21
1567	Shell-Thin	SLU-ENVE	Max	0	0	0	43,2404	10,6041	42,1878	158,12	-0,21
1567	Shell-Thin	SLU-ENVE	Max	0	0	0	68,4382	14,4999	42,0514	158,12	-3
1567	Shell-Thin	SLU-ENVE	Min	0	0	0	46,9421	5,4103	29,507	92,52	-14,51
1567	Shell-Thin	SLU-ENVE	Min	0	0	0	19,5361	1,2735	30,5714	92,52	-14,04
1567	Shell-Thin	SLU-ENVE	Min	0	0	0	17,3748	2,3841	31,4872	98,96	-14,04
1567	Shell-Thin	SLU-ENVE	Min	0	0	0	47,6559	7,3405	30,4228	98,96	-14,51
1567	Shell-Thin	SLE-ENVE	Max	0	0	0	29,9973	4,2658	22,6994	74,27	-1,8
1567	Shell-Thin	SLE-ENVE	Max	0	0	0	15,9186	2,1843	22,7794	74,27	-0,31
1567	Shell-Thin	SLE-ENVE	Max	0	0	0	18,901	4,949	23,3536	87,87	-0,31
1567	Shell-Thin	SLE-ENVE	Max	0	0	0	33,028	7,183	23,2736	87,87	-1,8
1567	Shell-Thin	SLE-ENVE	Min	0	0	0	22,8537	2,4271	16,3445	51,99	-8,22
1567	Shell-Thin	SLE-ENVE	Min	0	0	0	7,2659	0,0359	16,9399	51,99	-7,91
1567	Shell-Thin	SLE-ENVE	Min	0	0	0	6,0983	0,5077	17,4224	55,54	-7,91
1567	Shell-Thin	SLE-ENVE	Min	0	0	0	23,2742	3,5551	16,827	55,54	-8,22

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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
1568	Shell-Thin	SLU-ENVE	Max	0	0	0	103,3465	19,8975	41,1179	160,84	3,83
1568	Shell-Thin	SLU-ENVE	Max	0	0	0	68,4808	14,5258	42,3749	160,84	3,29
1568	Shell-Thin	SLU-ENVE	Max	0	0	0	73,3761	9,8579	42,7553	177,23	3,29
1568	Shell-Thin	SLU-ENVE	Max	0	0	0	110,9846	15,3911	41,4984	177,23	3,83
1568	Shell-Thin	SLU-ENVE	Min	0	0	0	77,7893	12,6339	28,8339	77,85	-1,78
1568	Shell-Thin	SLU-ENVE	Min	0	0	0	47,6761	7,3441	30,3448	77,85	1,41
1568	Shell-Thin	SLU-ENVE	Min	0	0	0	49,0901	4,4917	30,7465	91,26	1,41
1568	Shell-Thin	SLU-ENVE	Min	0	0	0	83,0905	11,0036	29,2355	91,26	-1,78
1568	Shell-Thin	SLE-ENVE	Max	0	0	0	50,4762	10,0015	22,7177	88,75	1,65
1568	Shell-Thin	SLE-ENVE	Max	0	0	0	33,0512	7,1959	23,4112	88,75	1,55
1568	Shell-Thin	SLE-ENVE	Max	0	0	0	35,7917	4,751	23,5774	97,68	1,55
1568	Shell-Thin	SLE-ENVE	Max	0	0	0	54,7121	7,8996	22,8839	97,68	1,65
1568	Shell-Thin	SLE-ENVE	Min	0	0	0	40,2592	6,5841	15,9112	43,96	-1,29
1568	Shell-Thin	SLE-ENVE	Min	0	0	0	23,2851	3,5562	16,7459	43,96	0,35
1568	Shell-Thin	SLE-ENVE	Min	0	0	0	24,0923	2,0777	16,929	51,32	0,35
1568	Shell-Thin	SLE-ENVE	Min	0	0	0	43,2036	5,7932	16,0942	51,32	-1,29
1569	Shell-Thin	SLU-ENVE	Max	0	0	0	68,4418	14,518	43,0242	157,89	6,19
1569	Shell-Thin	SLU-ENVE	Max	0	0	0	43,2714	10,7594	43,2619	157,89	10,68
1569	Shell-Thin	SLU-ENVE	Max	0	0	0	43,4669	3,8647	43,9567	182,11	10,68
1569	Shell-Thin	SLU-ENVE	Max	0	0	0	73,4092	9,8645	43,7191	182,11	6,19
1569	Shell-Thin	SLU-ENVE	Min	0	0	0	47,6558	7,3401	31,4782	99,63	5,79
1569	Shell-Thin	SLU-ENVE	Min	0	0	0	17,4012	2,5159	32,2566	99,63	5,3
1569	Shell-Thin	SLU-ENVE	Min	0	0	0	13,5703	-2,1229	32,7833	118,72	5,3
1569	Shell-Thin	SLU-ENVE	Min	0	0	0	49,1092	4,4956	32,0049	118,72	5,79
1569	Shell-Thin	SLE-ENVE	Max	0	0	0	33,0297	7,1916	23,7745	87,81	3,14
1569	Shell-Thin	SLE-ENVE	Max	0	0	0	18,9183	5,0358	23,9093	87,81	5,67
1569	Shell-Thin	SLE-ENVE	Max	0	0	0	19,0825	1,3297	24,2421	101,03	5,67
1569	Shell-Thin	SLE-ENVE	Max	0	0	0	35,8103	4,7548	24,1074	101,03	3,14
1569	Shell-Thin	SLE-ENVE	Min	0	0	0	23,2739	3,554	17,378	55,96	2,74
1569	Shell-Thin	SLE-ENVE	Min	0	0	0	6,1132	0,5505	17,8127	55,96	2,54
1569	Shell-Thin	SLE-ENVE	Min	0	0	0	4,0383	-1,7216	18,0573	66,42	2,54
1569	Shell-Thin	SLE-ENVE	Min	0	0	0	24,103	2,0799	17,6225	66,42	2,74
1572	Shell-Thin	SLU-ENVE	Max	0	0	0	119,1768	12,932	45,1439	188,33	18,67
1572	Shell-Thin	SLU-ENVE	Max	0	0	0	79,2558	8,9016	46,4596	188,33	10,67
1572	Shell-Thin	SLU-ENVE	Max	-	0	0	84,8578	0,1007	51,2363	214,91	10,67
				5,001E-20							
1572	Shell-Thin	SLU-ENVE	Max	-	0	0	128,4913	0,3648	49,9205	214,91	18,67
				4,981E-20							
1572	Shell-Thin	SLU-ENVE	Min	-	0	0	87,0066	7,0183	31,4811	87,17	10,54
				1,253E-20							
1572	Shell-Thin	SLU-ENVE	Min	-1,28E-20	0	0	50,2551	2,4687	33,2129	87,17	1,76
1572	Shell-Thin	SLU-ENVE	Min	-	0	0	51,3432	-0,025	36,4724	93,43	1,76
				6,341E-20							
1572	Shell-Thin	SLU-ENVE	Min	-	0	0	91,6851	0,1597	34,7405	93,43	10,54
				6,312E-20							
1572	Shell-Thin	SLE-ENVE	Max	0	0	0	59,1876	6,766	24,7939	103,71	9,75
1572	Shell-Thin	SLE-ENVE	Max	0	0	0	39,0118	4,5213	25,4785	103,71	5,27

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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
1572	Shell-Thin	SLE-ENVE	Max	- 2,597E- 20	0	0	41,9774	0,0528	28,1202	118,43	5,27
1572	Shell-Thin	SLE-ENVE	Max	- 2,586E- 20	0	0	64,2006	0,1988	27,4356	118,43	9,75
1572	Shell-Thin	SLE-ENVE	Min	0	0	0	45,3447	3,7488	17,2465	48,92	5,64
1572	Shell-Thin	SLE-ENVE	Min	0	0	0	24,7178	1,1555	18,1622	48,92	0,63
1572	Shell-Thin	SLE-ENVE	Min	- 3,324E- 20	0	0	25,2498	-0,0144	19,9703	52,41	0,63
1572	Shell-Thin	SLE-ENVE	Min	- 3,309E- 20	0	0	47,889	0,0891	19,0547	52,41	5,64
1573	Shell-Thin	SLU-ENVE	Max	0	0	0	79,1847	8,8874	47,0905	187,52	12,75
1573	Shell-Thin	SLU-ENVE	Max	0	0	0	48,2557	5,7042	47,4004	187,52	6,2
1573	Shell-Thin	SLU-ENVE	Max	- 4,079E- 20	0	0	51,0967	0,2158	52,5802	215,96	6,2
1573	Shell-Thin	SLU-ENVE	Max	- 4,066E- 20	0	0	84,9605	0,1213	52,2704	215,96	12,75
1573	Shell-Thin	SLU-ENVE	Min	- 1,525E- 20	0	0	50,1486	2,4474	34,3083	115,49	5,55
1573	Shell-Thin	SLU-ENVE	Min	- 1,542E- 20	0	0	12,9677	-2,5464	35,5028	115,49	-4,79
1573	Shell-Thin	SLU-ENVE	Min	- 5,124E- 20	0	0	9,797	-0,0752	39,6153	127,23	-4,79
1573	Shell-Thin	SLU-ENVE	Min	- 5,105E- 20	0	0	51,5184	0,0314	38,4208	127,23	5,55
1573	Shell-Thin	SLE-ENVE	Max	0	0	0	38,9706	4,5131	25,7913	103,58	6,46
1573	Shell-Thin	SLE-ENVE	Max	0	0	0	21,7627	2,6663	25,9089	103,58	2,67
1573	Shell-Thin	SLE-ENVE	Max	- 2,106E- 20	0	0	23,135	0,1151	28,7532	119,67	2,67
1573	Shell-Thin	SLE-ENVE	Max	- 2,099E- 20	0	0	42,0365	0,0646	28,6356	119,67	6,46
1573	Shell-Thin	SLE-ENVE	Min	0	0	0	24,6566	1,1432	18,7326	64,31	2,78
1573	Shell-Thin	SLE-ENVE	Min	0	0	0	3,7363	-1,9653	19,3407	64,31	-3,52
1573	Shell-Thin	SLE-ENVE	Min	- 2,672E- 20	0	0	1,8194	-0,0433	21,6014	71,08	-3,52
1573	Shell-Thin	SLE-ENVE	Min	- 2,662E- 20	0	0	25,3496	0,0178	20,9932	71,08	2,78
1610	Shell-Thin	SLU-ENVE	Max	0	0	0	153,4896	11,5215	-9,6999	-18,82	-25,31
1610	Shell-Thin	SLU-ENVE	Max	0	0	0	158,7204	12,7823	-6,7568	-18,82	-30,96
1610	Shell-Thin	SLU-ENVE	Max	0	0	0	184,495	28,1887	-6,8096	-7,77	-30,96
1610	Shell-Thin	SLU-ENVE	Max	0	0	0	178,4117	27,2361	-9,7527	-7,77	-25,31
1610	Shell-Thin	SLU-ENVE	Min	0	0	0	100,1257	8,0204	-	-43,77	-53,63
								16,6984			

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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
1610	Shell-Thin	SLU-ENVE	Min	0	0	0	111,5198	8,2901	-	-43,77	-55
1610	Shell-Thin	SLU-ENVE	Min	0	0	0	126,7514	19,2304	13,4131	-	-55
1610	Shell-Thin	SLU-ENVE	Min	0	0	0	110,4905	16,1358	-	-63,24	-53,63
1610	Shell-Thin	SLE-ENVE	Max	0	0	0	81,0693	5,0553	-5,3624	-10,22	-14,16
1610	Shell-Thin	SLE-ENVE	Max	0	0	0	84,296	5,7523	-3,7359	-10,22	-17,31
1610	Shell-Thin	SLE-ENVE	Max	0	0	0	98,6079	15,0593	-3,7553	-4,07	-17,31
1610	Shell-Thin	SLE-ENVE	Max	0	0	0	94,9105	14,4602	-5,3818	-4,07	-14,16
1610	Shell-Thin	SLE-ENVE	Min	0	0	0	53,5398	4,1166	-9,2647	-22,68	-29,93
1610	Shell-Thin	SLE-ENVE	Min	0	0	0	59,4569	4,1882	-7,4465	-22,68	-30,69
1610	Shell-Thin	SLE-ENVE	Min	0	0	0	67,9113	10,3278	-7,9428	-33,49	-30,69
1610	Shell-Thin	SLE-ENVE	Min	0	0	0	59,2915	8,6832	-9,6613	-33,49	-29,93
1611	Shell-Thin	SLU-ENVE	Max	0	0	0	158,7138	12,7792	-4,0656	1,53	-33,92
1611	Shell-Thin	SLU-ENVE	Max	0	0	0	158,3231	13,2197	0,4205	1,53	-32,99
1611	Shell-Thin	SLU-ENVE	Max	0	0	0	183,1814	27,8194	0,4377	5,27	-32,99
1611	Shell-Thin	SLU-ENVE	Max	0	0	0	184,4947	28,1886	-4,0724	5,27	-33,92
1611	Shell-Thin	SLU-ENVE	Min	0	0	0	111,5413	8,2944	-	-30,18	-54,95
1611	Shell-Thin	SLU-ENVE	Min	0	0	0	119,4229	8,299	-7,7121	-30,18	-54,07
1611	Shell-Thin	SLU-ENVE	Min	0	0	0	138,9238	21,6269	-8,3829	-47,35	-54,07
1611	Shell-Thin	SLU-ENVE	Min	0	0	0	126,7515	19,2304	-	-47,35	-54,95
1611	Shell-Thin	SLE-ENVE	Max	0	0	0	84,2923	5,7505	-2,2464	-0,61	-19,1
1611	Shell-Thin	SLE-ENVE	Max	0	0	0	84,4395	5,9942	0,2374	-0,61	-18,59
1611	Shell-Thin	SLE-ENVE	Max	0	0	0	98,2408	14,928	0,2482	1,48	-18,59
1611	Shell-Thin	SLE-ENVE	Max	0	0	0	98,6078	15,0593	-2,2468	1,48	-19,1
1611	Shell-Thin	SLE-ENVE	Min	0	0	0	59,4688	4,1906	-6,0099	-14,91	-30,66
1611	Shell-Thin	SLE-ENVE	Min	0	0	0	63,3802	4,1012	-4,2861	-14,91	-30,17
1611	Shell-Thin	SLE-ENVE	Min	0	0	0	74,2067	11,5698	-4,6564	-24,44	-30,17
1611	Shell-Thin	SLE-ENVE	Min	0	0	0	67,9113	10,3278	-6,3801	-24,44	-30,66
1612	Shell-Thin	SLU-ENVE	Max	0	0	0	178,3877	27,1157	-	-6,64	-21,34
1612	Shell-Thin	SLU-ENVE	Max	0	0	0	184,4754	28,0907	-7,0447	-6,64	-26,51
1612	Shell-Thin	SLU-ENVE	Max	0	0	0	210,2388	42,7164	-7,7093	3,54	-26,51
1612	Shell-Thin	SLU-ENVE	Max	0	0	0	203,3046	41,2622	-	3,54	-21,34
1612	Shell-Thin	SLU-ENVE	Min	0	0	0	110,5012	16,1892	-	-65,94	-47,01
1612	Shell-Thin	SLU-ENVE	Min	0	0	0	126,7443	19,1949	-	-65,94	-47,97
1612	Shell-Thin	SLU-ENVE	Min	0	0	0	142,0395	27,6448	-	-84,61	-47,97
1612	Shell-Thin	SLU-ENVE	Min	0	0	0	121,1281	22,0564	-	-84,61	-47,01
1612	Shell-Thin	SLE-ENVE	Max	0	0	0	94,897	14,393	-5,6085	-3,44	-11,99
1612	Shell-Thin	SLE-ENVE	Max	0	0	0	98,597	15,0047	-3,8779	-3,44	-14,87
1612	Shell-Thin	SLE-ENVE	Max	0	0	0	112,8886	23,2391	-4,2336	2,22	-14,87
1612	Shell-Thin	SLE-ENVE	Max	0	0	0	108,7213	22,3636	-5,9641	2,22	-11,99
1612	Shell-Thin	SLE-ENVE	Min	0	0	0	59,2974	8,7128	-9,8375	-35	-26,31
1612	Shell-Thin	SLE-ENVE	Min	0	0	0	67,9073	10,3079	-8,0012	-35	-26,83
1612	Shell-Thin	SLE-ENVE	Min	0	0	0	76,3858	15,0862	-7,7229	-45,36	-26,83
1612	Shell-Thin	SLE-ENVE	Min	0	0	0	65,1841	12,0514	-9,7537	-45,36	-26,31

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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
1613	Shell-Thin	SLU-ENVE	Max	0	0	0	184,4751	28,0906	-4,2358	5,65	-28,44
1613	Shell-Thin	SLU-ENVE	Max	0	0	0	183,1686	27,7627	0,4462	5,65	-27,48
1613	Shell-Thin	SLU-ENVE	Max	0	0	0	208,2297	41,9327	0,2586	9,05	-27,48
1613	Shell-Thin	SLU-ENVE	Max	0	0	0	210,2505	42,7187	-4,4234	9,05	-28,44
1613	Shell-Thin	SLU-ENVE	Min	0	0	0	126,7443	19,1949	-	-49,61	-47,98
									11,6156		
1613	Shell-Thin	SLU-ENVE	Min	0	0	0	138,8981	21,4982	-8,4094	-49,61	-47
1613	Shell-Thin	SLU-ENVE	Min	0	0	0	158,2445	32,2114	-7,9102	-65,94	-47
1613	Shell-Thin	SLU-ENVE	Min	0	0	0	142,0086	27,6386	-	-65,94	-47,98
									11,1164		
1613	Shell-Thin	SLE-ENVE	Max	0	0	0	98,5968	15,0046	-2,3405	1,69	-16,14
1613	Shell-Thin	SLE-ENVE	Max	0	0	0	98,2337	14,8962	0,2516	1,69	-15,62
1613	Shell-Thin	SLE-ENVE	Max	0	0	0	112,134	22,8742	0,1471	3,58	-15,62
1613	Shell-Thin	SLE-ENVE	Max	0	0	0	112,8952	23,2404	-2,445	3,58	-16,14
1613	Shell-Thin	SLE-ENVE	Min	0	0	0	67,9073	10,3079	-6,4429	-25,71	-26,84
1613	Shell-Thin	SLE-ENVE	Min	0	0	0	74,1924	11,4982	-4,6693	-25,71	-26,29
1613	Shell-Thin	SLE-ENVE	Min	0	0	0	84,9213	17,1445	-4,3865	-34,78	-26,29
1613	Shell-Thin	SLE-ENVE	Min	0	0	0	76,3686	15,0828	-6,1601	-34,78	-26,84
1614	Shell-Thin	SLU-ENVE	Max	0	0	0	203,3095	41,2866	-	2,86	-6,39
									11,8523		
1614	Shell-Thin	SLU-ENVE	Max	0	0	0	210,2403	42,7241	-8,4561	2,86	-3,79
1614	Shell-Thin	SLU-ENVE	Max	1,051E-20	0	0	231,0886	37,3171	-8,7654	0,45	-3,79
1614	Shell-Thin	SLU-ENVE	Max	1,061E-20	0	0	222,7281	35,7464	-	0,45	-6,39
									12,1616		
1614	Shell-Thin	SLU-ENVE	Min	0	0	0	121,1213	22,0225	-	-84,18	-8,55
									17,2562		
1614	Shell-Thin	SLU-ENVE	Min	0	0	0	142,0388	27,6414	-	-84,18	-10,34
									13,1949		
1614	Shell-Thin	SLU-ENVE	Min	0	0	0	154,9114	24,3833	-13,078	-91,93	-10,34
1614	Shell-Thin	SLU-ENVE	Min	0	0	0	132,0548	20,6375	-	-91,93	-8,55
									17,1393		
1614	Shell-Thin	SLE-ENVE	Max	0	0	0	108,724	22,377	-6,4988	1,85	-3,92
1614	Shell-Thin	SLE-ENVE	Max	0	0	0	112,8895	23,2433	-4,6385	1,85	-2,27
1614	Shell-Thin	SLE-ENVE	Max	0	0	0	124,4324	20,3812	-4,7948	0,52	-2,27
1614	Shell-Thin	SLE-ENVE	Max	0	0	0	119,4735	19,4503	-6,6552	0,52	-3,92
1614	Shell-Thin	SLE-ENVE	Min	0	0	0	65,1804	12,0327	-9,537	-45,13	-4,94
1614	Shell-Thin	SLE-ENVE	Min	0	0	0	76,3854	15,0845	-7,2935	-45,13	-6,19
1614	Shell-Thin	SLE-ENVE	Min	0	0	0	83,5059	13,3754	-7,2153	-49,43	-6,19
1614	Shell-Thin	SLE-ENVE	Min	0	0	0	71,2255	11,3568	-9,4588	-49,43	-4,94
1615	Shell-Thin	SLU-ENVE	Max	0	0	0	210,252	42,7264	-4,6329	8,87	-5,48
1615	Shell-Thin	SLU-ENVE	Max	0	0	0	208,2286	41,9269	-0,0626	8,87	-1,74
1615	Shell-Thin	SLU-ENVE	Max	1,051E-20	0	0	229,0884	37,1039	-0,1525	8,14	-1,74
1615	Shell-Thin	SLU-ENVE	Max	1,076E-20	0	0	231,0785	37,315	-4,7228	8,14	-5,48
1615	Shell-Thin	SLU-ENVE	Min	0	0	0	142,0079	27,6352	-10,137	-65,49	-10,3
1615	Shell-Thin	SLU-ENVE	Min	0	0	0	158,2516	32,2468	-7,144	-65,49	-11,63
1615	Shell-Thin	SLU-ENVE	Min	0	0	0	172,382	27,1307	-6,8873	-70,29	-11,63
1615	Shell-Thin	SLU-ENVE	Min	0	0	0	154,938	24,3886	-9,8803	-70,29	-10,3
1615	Shell-Thin	SLE-ENVE	Max	0	0	0	112,896	23,2446	-2,5608	3,49	-3,2
1615	Shell-Thin	SLE-ENVE	Max	0	0	0	112,1334	22,871	-0,0357	3,49	-1,14
1615	Shell-Thin	SLE-ENVE	Max	0	0	0	123,6835	20,3249	-0,0907	3,08	-1,14
1615	Shell-Thin	SLE-ENVE	Max	0	0	0	124,4269	20,3801	-2,6159	3,08	-3,2

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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
1615	Shell-Thin	SLE-ENVE	Min	0	0	0	76,3683	15,081	-5,6065	-34,54	-6,16
1615	Shell-Thin	SLE-ENVE	Min	0	0	0	84,9252	17,116	-3,9547	-34,54	-6,9
1615	Shell-Thin	SLE-ENVE	Min	0	0	0	92,7431	14,827	-3,8004	-37,2	-6,9
1615	Shell-Thin	SLE-ENVE	Min	0	0	0	83,5206	13,3783	-5,4522	-37,2	-6,16
1618	Shell-Thin	SLU-ENVE	Max	3,339E-20	2,309E-20	0	243,3569	30,3916	-	5,71	37,7
1618	Shell-Thin	SLU-ENVE	Max	3,345E-20	2,34E-20	0	252,9078	31,4468	-9,0411	5,71	40,49
1618	Shell-Thin	SLU-ENVE	Max	-1,09E-19	1,118E-20	0	273,0482	0,1365	-9,5102	16,93	40,49
1618	Shell-Thin	SLU-ENVE	Max	-	-	0	264,0804	0,4771	-	16,93	37,7
1618	Shell-Thin	SLU-ENVE	Min	1,092E-19	1,212E-20	0	141,348	14,9295	-	-101,38	17,62
1618	Shell-Thin	SLU-ENVE	Min	2,177E-20	1,407E-20	0	168,053	19,7168	-	-101,38	27,28
1618	Shell-Thin	SLU-ENVE	Min	2,196E-20	1,501E-20	0	180,4695	-0,0418	-	-113,16	27,28
1618	Shell-Thin	SLU-ENVE	Min	1,772E-19	1,873E-20	0	150,8208	0,122	-	-113,16	17,62
1618	Shell-Thin	SLU-ENVE	Min	1,773E-19	1,904E-20	0	130,8759	16,6633	-7,0997	3,48	20,61
1618	Shell-Thin	SLE-ENVE	Max	1,843E-20	1,239E-20	0	136,4967	17,2864	-4,9132	3,48	22,23
1618	Shell-Thin	SLE-ENVE	Max	-	0	0	147,6163	0,0754	-5,1592	9,65	22,23
1618	Shell-Thin	SLE-ENVE	Max	5,807E-20	0	0	142,2942	0,2621	-7,3456	9,65	20,61
1618	Shell-Thin	SLE-ENVE	Max	-	0	0	76,354	8,2744	-	-54,75	9,77
1618	Shell-Thin	SLE-ENVE	Min	1,212E-20	0	0	90,77	10,885	-8,1155	-54,75	15,04
1618	Shell-Thin	SLE-ENVE	Min	1,223E-20	0	0	97,6383	-0,0239	-9,5748	-61,21	15,04
1618	Shell-Thin	SLE-ENVE	Min	-	0	0	81,6064	0,0705	-	-61,21	9,77
1618	Shell-Thin	SLE-ENVE	Min	9,443E-20	1,019E-20	0	81,6064	0,0705	-	-61,21	9,77
1618	Shell-Thin	SLE-ENVE	Min	9,447E-20	1,019E-20	0	81,6064	0,0705	-	-61,21	9,77
1619	Shell-Thin	SLU-ENVE	Max	3,063E-20	2,261E-20	0	252,9182	31,4489	-5,0598	12,86	40,35
1619	Shell-Thin	SLU-ENVE	Max	3,04E-20	2,147E-20	0	249,5835	30,6336	0,5093	12,86	38,86
1619	Shell-Thin	SLU-ENVE	Max	-	-	0	270,8777	0,5218	0,7598	9,09	38,86
1619	Shell-Thin	SLU-ENVE	Max	1,132E-19	1,221E-20	0	273,0384	0,1345	-4,8092	9,09	40,35
1619	Shell-Thin	SLU-ENVE	Max	1,132E-19	1,216E-20	0	273,0384	0,1345	-4,8092	9,09	40,35
1619	Shell-Thin	SLU-ENVE	Min	-	-	0	168,1228	19,7308	-	-76,25	23,8
1619	Shell-Thin	SLU-ENVE	Min	2,325E-20	1,513E-20	0	188,1071	21,7763	-7,9758	-76,25	28,03
1619	Shell-Thin	SLU-ENVE	Min	2,324E-20	1,507E-20	0	188,1071	21,7763	-7,9758	-76,25	28,03

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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
1619	Shell-Thin	SLU-ENVE	Min	-	-	0	204,6577	0,2482	-9,8185	-93,65	28,03
				1,712E-19	1,885E-20						
1619	Shell-Thin	SLU-ENVE	Min	-	-1,77E-20	0	180,3231	-0,0333	-	-93,65	23,8
				1,709E-19					13,7081		
1619	Shell-Thin	SLE-ENVE	Max	1,701E-20	1,219E-20	0	136,5031	17,2877	-2,8507	5,76	22,13
1619	Shell-Thin	SLE-ENVE	Max	1,689E-20	1,16E-20	0	135,0204	16,8789	0,2231	5,76	21,38
1619	Shell-Thin	SLE-ENVE	Max	-	0	0	146,7874	0,2886	0,319	3,61	21,38
				6,039E-20							
1619	Shell-Thin	SLE-ENVE	Max	-	0	0	147,6098	0,0741	-2,7548	3,61	22,13
				6,039E-20							
1619	Shell-Thin	SLE-ENVE	Min	1,289E-20	0	0	90,8079	10,8925	-6,4796	-40,59	13,13
1619	Shell-Thin	SLE-ENVE	Min	1,289E-20	0	0	101,4402	11,7112	-4,3313	-40,59	15
1619	Shell-Thin	SLE-ENVE	Min	-9,15E-20	-	0	110,5801	0,1335	-5,299	-50,15	15
					1,008E-20						
1619	Shell-Thin	SLE-ENVE	Min	-	0	0	97,5583	-0,0192	-7,4473	-50,15	13,13
				9,138E-20							
1644	Shell-Thin	SLU-ENVE	Max	0	0	0	153,5722	11,5553	20,0834	53,64	-39,35
1644	Shell-Thin	SLU-ENVE	Max	0	0	0	142,9948	9,8788	23,4662	53,64	-36,19
1644	Shell-Thin	SLU-ENVE	Max	0	0	0	164,8593	24,9617	24,4947	66,31	-36,19
1644	Shell-Thin	SLU-ENVE	Max	0	0	0	178,4094	27,2409	21,1119	66,31	-39,35
1644	Shell-Thin	SLU-ENVE	Min	0	0	0	120,7658	8,3762	9,0727	24,97	-52,2
1644	Shell-Thin	SLU-ENVE	Min	0	0	0	114,2005	8,2538	12,2539	24,97	-48,48
1644	Shell-Thin	SLU-ENVE	Min	0	0	0	130,0247	20,1578	12,8987	25,03	-48,48
1644	Shell-Thin	SLU-ENVE	Min	0	0	0	140,5687	22,0792	9,7175	25,03	-52,2
1644	Shell-Thin	SLE-ENVE	Max	0	0	0	81,1149	5,0743	11,1428	29,26	-22,12
1644	Shell-Thin	SLE-ENVE	Max	0	0	0	74,9609	4,2167	13,0181	29,26	-20,22
1644	Shell-Thin	SLE-ENVE	Max	0	0	0	87,1072	13,1306	13,5806	36,28	-20,22
1644	Shell-Thin	SLE-ENVE	Max	0	0	0	94,9087	14,4631	11,7053	36,28	-22,12
1644	Shell-Thin	SLE-ENVE	Min	0	0	0	63,3234	3,978	5,0242	15,23	-29,14
1644	Shell-Thin	SLE-ENVE	Min	0	0	0	59,3395	3,93	6,7885	15,23	-27,06
1644	Shell-Thin	SLE-ENVE	Min	0	0	0	68,1312	10,5132	7,14	13,49	-27,06
1644	Shell-Thin	SLE-ENVE	Min	0	0	0	74,3218	11,6565	5,3757	13,49	-29,14
1645	Shell-Thin	SLU-ENVE	Max	0	0	0	142,9813	9,8819	26,4007	66,28	-33,03
1645	Shell-Thin	SLU-ENVE	Max	0	0	0	127,5964	8,4941	29,0541	66,28	-28,47
1645	Shell-Thin	SLU-ENVE	Max	0	0	0	143,8309	21,9051	30,3568	85,6	-28,47
1645	Shell-Thin	SLU-ENVE	Max	0	0	0	164,8597	24,9618	27,7035	85,6	-33,03
1645	Shell-Thin	SLU-ENVE	Min	0	0	0	114,1772	8,2523	14,9393	40,29	-45,3
1645	Shell-Thin	SLU-ENVE	Min	0	0	0	103,6655	7,2682	17,3282	40,29	-41,43
1645	Shell-Thin	SLU-ENVE	Min	0	0	0	114,9893	17,5163	18,2058	54,34	-41,43
1645	Shell-Thin	SLU-ENVE	Min	0	0	0	130,0259	20,158	15,8169	54,34	-45,3
1645	Shell-Thin	SLE-ENVE	Max	0	0	0	74,9534	4,2152	14,6462	36,68	-18,47
1645	Shell-Thin	SLE-ENVE	Max	0	0	0	66,1707	3,8508	16,1173	36,68	-15,93
1645	Shell-Thin	SLE-ENVE	Max	0	0	0	75,1714	11,0619	16,8293	47,4	-15,93
1645	Shell-Thin	SLE-ENVE	Max	0	0	0	87,1074	13,1307	15,3583	47,4	-18,47
1645	Shell-Thin	SLE-ENVE	Min	0	0	0	59,3266	3,9275	8,2793	23,58	-25,3

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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
1645	Shell-Thin	SLE-ENVE	Min	0	0	0	53,1925	3,211	9,6044	23,58	-23,25
1645	Shell-Thin	SLE-ENVE	Min	0	0	0	59,4888	8,974	10,0825	29,61	-23,25
1645	Shell-Thin	SLE-ENVE	Min	0	0	0	68,1319	10,5133	8,7573	29,61	-25,3
1646	Shell-Thin	SLU-ENVE	Max	0	0	0	178,3875	27,1315	21,4445	68,54	-33,57
1646	Shell-Thin	SLU-ENVE	Max	0	0	0	164,8392	24,8613	24,9976	68,54	-31,28
1646	Shell-Thin	SLU-ENVE	Max	0	0	0	186,8136	37,3894	24,9128	80,88	-31,28
1646	Shell-Thin	SLU-ENVE	Max	0	0	0	203,1885	41,2514	21,3598	80,88	-33,57
1646	Shell-Thin	SLU-ENVE	Min	0	0	0	140,5437	21,954	9,8478	24,15	-45,51
1646	Shell-Thin	SLU-ENVE	Min	0	0	0	130,0196	20,1322	13,1523	24,15	-42,33
1646	Shell-Thin	SLU-ENVE	Min	0	0	0	146,0402	29,1641	12,8749	15,94	-42,33
1646	Shell-Thin	SLU-ENVE	Min	0	0	0	160,252	32,9551	9,5705	15,94	-45,51
1646	Shell-Thin	SLE-ENVE	Max	0	0	0	94,8965	14,402	11,8808	37,53	-19
1646	Shell-Thin	SLE-ENVE	Max	0	0	0	87,0959	13,0744	13,847	37,53	-17,55
1646	Shell-Thin	SLE-ENVE	Max	0	0	0	99,2903	20,1464	13,7865	44,37	-17,55
1646	Shell-Thin	SLE-ENVE	Max	0	0	0	108,6563	22,3575	11,8203	44,37	-19
1646	Shell-Thin	SLE-ENVE	Min	0	0	0	74,3078	11,5867	5,4425	13,02	-25,47
1646	Shell-Thin	SLE-ENVE	Min	0	0	0	68,1283	10,4986	7,2714	13,02	-23,71
1646	Shell-Thin	SLE-ENVE	Min	0	0	0	77,0175	15,6161	7,1102	8,42	-23,71
1646	Shell-Thin	SLE-ENVE	Min	0	0	0	85,2414	17,7958	5,2813	8,42	-25,47
1647	Shell-Thin	SLU-ENVE	Max	0	0	0	164,8396	24,8613	28,2147	88,23	-28,37
1647	Shell-Thin	SLU-ENVE	Max	0	0	0	143,8028	21,7643	31,0405	88,23	-23,88
1647	Shell-Thin	SLU-ENVE	Max	0	0	0	162,9277	32,5755	31,0066	107,27	-23,88
1647	Shell-Thin	SLU-ENVE	Max	0	0	0	186,8319	37,393	28,1808	107,27	-28,37
1647	Shell-Thin	SLU-ENVE	Min	0	0	0	130,0208	20,1325	16,068	54,61	-39,25
1647	Shell-Thin	SLU-ENVE	Min	0	0	0	115,0043	17,5702	18,6414	54,61	-36,03
1647	Shell-Thin	SLU-ENVE	Min	0	0	0	126,8227	24,386	18,4446	57,41	-36,03
1647	Shell-Thin	SLU-ENVE	Min	0	0	0	146,074	29,1708	15,8712	57,41	-39,25
1647	Shell-Thin	SLE-ENVE	Max	0	0	0	87,0962	13,0745	15,6293	48,87	-15,94
1647	Shell-Thin	SLE-ENVE	Max	0	0	0	75,1713	11,061	17,1929	48,87	-13,44
1647	Shell-Thin	SLE-ENVE	Max	0	0	0	84,325	17,08	17,1565	60,11	-13,44
1647	Shell-Thin	SLE-ENVE	Max	0	0	0	99,3004	20,1484	15,5929	60,11	-15,94
1647	Shell-Thin	SLE-ENVE	Min	0	0	0	68,129	10,4988	8,8874	29,78	-22
1647	Shell-Thin	SLE-ENVE	Min	0	0	0	59,497	9,0152	10,3113	29,78	-20,35
1647	Shell-Thin	SLE-ENVE	Min	0	0	0	66,058	12,8894	10,1896	31,29	-20,35
1647	Shell-Thin	SLE-ENVE	Min	0	0	0	77,0362	15,6198	8,7658	31,29	-22
1648	Shell-Thin	SLU-ENVE	Max	0	0	0	203,1923	41,2701	20,9752	80,87	-2,33
1648	Shell-Thin	SLU-ENVE	Max	0	0	0	186,817	37,4062	24,5033	80,87	-3,03
1648	Shell-Thin	SLU-ENVE	Max	0	0	0	204,0852	32,5464	24,4193	92,99	-3,03
1648	Shell-Thin	SLU-ENVE	Max	0	0	0	222,8245	35,7591	20,8912	92,99	-2,33
1648	Shell-Thin	SLU-ENVE	Min	0	0	0	160,2587	32,9885	9,0777	16,67	-6,98
1648	Shell-Thin	SLU-ENVE	Min	0	0	0	146,0381	29,1536	12,2033	16,67	-7,6
1648	Shell-Thin	SLU-ENVE	Min	0	0	0	159,8453	25,9431	12,2201	20,86	-7,6
1648	Shell-Thin	SLU-ENVE	Min	0	0	0	174,7979	27,9025	9,0945	20,86	-6,98
1648	Shell-Thin	SLE-ENVE	Max	0	0	0	108,6584	22,3678	11,5931	44,37	-1,51
1648	Shell-Thin	SLE-ENVE	Max	0	0	0	99,2921	20,1554	13,5413	44,37	-2,13
1648	Shell-Thin	SLE-ENVE	Max	0	0	0	108,8495	17,6153	13,4773	51,09	-2,13
1648	Shell-Thin	SLE-ENVE	Max	0	0	0	119,5268	19,4568	11,5292	51,09	-1,51
1648	Shell-Thin	SLE-ENVE	Min	0	0	0	85,245	17,8142	5,0044	8,84	-4,32
1648	Shell-Thin	SLE-ENVE	Min	0	0	0	77,0162	15,6099	6,7282	8,84	-4,41
1648	Shell-Thin	SLE-ENVE	Min	0	0	0	84,6548	13,9721	6,7355	11,14	-4,41
1648	Shell-Thin	SLE-ENVE	Min	0	0	0	93,2889	15,1228	5,0117	11,14	-4,32
1649	Shell-Thin	SLU-ENVE	Max	0	0	0	186,8352	37,4099	27,6821	107,28	-2,31

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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
1649	Shell-Thin	SLU-ENVE	Max	0	0	0	162,9351	32,6125	30,5792	107,28	-0,65
1649	Shell-Thin	SLU-ENVE	Max	0	0	0	176,6506	27,7521	30,5462	118,03	-0,65
1649	Shell-Thin	SLU-ENVE	Max	0	0	0	204,0686	32,5431	27,6491	118,03	-2,31
1649	Shell-Thin	SLU-ENVE	Min	0	0	0	146,0719	29,1603	15,188	57,9	-5,07
1649	Shell-Thin	SLU-ENVE	Min	0	0	0	126,8123	24,3338	18,0137	57,9	-8,41
1649	Shell-Thin	SLU-ENVE	Min	0	0	0	139,2604	22,8884	18,0502	63,28	-8,41
1649	Shell-Thin	SLU-ENVE	Min	0	0	0	159,8166	25,9373	15,2246	63,28	-5,07
1649	Shell-Thin	SLE-ENVE	Max	0	0	0	99,3022	20,1574	15,2979	60	-1,73
1649	Shell-Thin	SLE-ENVE	Max	0	0	0	84,3227	17,1	16,8966	60	-0,81
1649	Shell-Thin	SLE-ENVE	Max	0	0	0	92,5707	14,8948	16,8568	65,38	-0,81
1649	Shell-Thin	SLE-ENVE	Max	0	0	0	108,8402	17,6134	15,2581	65,38	-1,73
1649	Shell-Thin	SLE-ENVE	Min	0	0	0	77,035	15,6136	8,3773	31,58	-3,01
1649	Shell-Thin	SLE-ENVE	Min	0	0	0	66,0521	12,8598	9,9346	31,58	-4,93
1649	Shell-Thin	SLE-ENVE	Min	0	0	0	72,9399	12,2127	9,9456	34,52	-4,93
1649	Shell-Thin	SLE-ENVE	Min	0	0	0	84,6387	13,9689	8,3883	34,52	-3,01
1652	Shell-Thin	SLU-ENVE	Max	1,658E-20	1,669E-20	0	243,0747	30,3266	23,0539	93,47	38,86
1652	Shell-Thin	SLU-ENVE	Max	1,628E-20	1,517E-20	1,098E-20	223,0405	27,3044	27,3837	93,47	33,68
1652	Shell-Thin	SLU-ENVE	Max	-9,751E-20	-1,069E-20	-1,004E-20	240,1122	0,152	30,248	110,56	33,68
1652	Shell-Thin	SLU-ENVE	Max	-9,731E-20	0	0	264,2521	0,5531	25,9182	110,56	38,86
1652	Shell-Thin	SLU-ENVE	Min	1,174E-20	1,286E-20	0	190,8964	23,9176	10,4869	12,12	29,97
1652	Shell-Thin	SLU-ENVE	Min	1,139E-20	1,186E-20	0	173,7665	20,7985	14,504	12,12	25,42
1652	Shell-Thin	SLU-ENVE	Min	-1,316E-19	-1,441E-20	0	186,5827	0,0544	16,0719	12,49	25,42
1652	Shell-Thin	SLU-ENVE	Min	-1,313E-19	-1,289E-20	0	207,7372	0,3348	12,0548	12,49	29,97
1652	Shell-Thin	SLE-ENVE	Max	0	0	0	130,718	16,6258	12,6703	51,37	21,27
1652	Shell-Thin	SLE-ENVE	Max	0	0	0	119,3143	14,9127	15,0653	51,37	18,32
1652	Shell-Thin	SLE-ENVE	Max	-5,175E-20	0	0	128,701	0,0837	16,6332	60,83	18,32
1652	Shell-Thin	SLE-ENVE	Max	-5,164E-20	0	0	142,3931	0,3047	14,2381	60,83	21,27
1652	Shell-Thin	SLE-ENVE	Min	0	0	0	102,1797	12,8978	5,8357	6,29	16,08
1652	Shell-Thin	SLE-ENVE	Min	0	0	0	92,3274	11,31	8,0395	6,29	13,75
1652	Shell-Thin	SLE-ENVE	Min	-7,032E-20	0	0	99,3542	0,0293	8,9526	6,44	13,75
1652	Shell-Thin	SLE-ENVE	Min	-7,016E-20	0	0	111,4511	0,1815	6,7488	6,44	16,08
1653	Shell-Thin	SLU-ENVE	Max	1,018E-20	1,368E-20	1,037E-20	222,9675	27,2898	30,791	127,53	37,13
1653	Shell-Thin	SLU-ENVE	Max	0	1,223E-20	1,04E-20	192,3326	23,6033	34,242	127,53	29,12

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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
1653	Shell-Thin	SLU-ENVE	Max	-8,58E-20	0	0	208,4039	0,4138	38,0083	140,09	29,12
1653	Shell-Thin	SLU-ENVE	Max	-8,559E-20	0	0	240,2591	0,1516	34,5573	140,09	37,13
1653	Shell-Thin	SLU-ENVE	Min	0	1,07E-20	0	173,7068	20,7865	17,6259	64,72	28,52
1653	Shell-Thin	SLU-ENVE	Min	0	0	0	149,5466	16,4887	20,8499	64,72	19,76
1653	Shell-Thin	SLU-ENVE	Min	-1,146E-19	-1,259E-20	0	160,0858	0,1622	23,3255	63,35	19,76
1653	Shell-Thin	SLU-ENVE	Min	-1,143E-19	-1,114E-20	0	186,7117	0,0802	20,1015	63,35	28,52
1653	Shell-Thin	SLE-ENVE	Max	0	0	0	119,2733	14,9045	16,9437	71,66	20,25
1653	Shell-Thin	SLE-ENVE	Max	0	0	0	100,3487	12,713	18,8507	71,66	15,58
1653	Shell-Thin	SLE-ENVE	Max	-4,534E-20	0	0	108,0881	0,2249	20,9292	78,75	15,58
1653	Shell-Thin	SLE-ENVE	Max	-4,523E-20	0	0	128,7834	0,0835	19,0222	78,75	20,25
1653	Shell-Thin	SLE-ENVE	Min	0	0	0	92,2937	11,3032	9,7491	35,27	15,49
1653	Shell-Thin	SLE-ENVE	Min	0	0	0	78,594	8,8795	11,5074	35,27	10,55
1653	Shell-Thin	SLE-ENVE	Min	-6,101E-20	0	0	84,3296	0,0859	12,9148	34,57	10,55
1653	Shell-Thin	SLE-ENVE	Min	-6,085E-20	0	0	99,4267	0,0438	11,1565	34,57	15,49
1678	Shell-Thin	SLU-ENVE	Max	0	0	0	-99,8081	-20,7923	49,5027	-60,99	7,73
1678	Shell-Thin	SLU-ENVE	Max	0	0	0	-67,5183	-14,9183	38,4346	-60,99	18,98
1678	Shell-Thin	SLU-ENVE	Max	0	0	0	-70,9628	-14,1784	37,4444	-86,64	18,98
1678	Shell-Thin	SLU-ENVE	Max	0	0	0	-117,4746	-15,441	48,5126	-86,64	7,73
1678	Shell-Thin	SLU-ENVE	Min	0	0	0	-114,1339	-24,2825	41,1054	-68,7	-2,8
1678	Shell-Thin	SLU-ENVE	Min	0	0	0	-77,8058	-17,523	31,8016	-68,7	14,72
1678	Shell-Thin	SLU-ENVE	Min	0	0	0	-81,993	-16,7331	30,9033	-102,39	14,72
1678	Shell-Thin	SLU-ENVE	Min	0	0	0	-135,1697	-18,3865	40,2071	-102,39	-2,8
1678	Shell-Thin	SLE-ENVE	Max	0	0	0	-59,4753	-12,4344	27,4306	-37,2	3,56
1678	Shell-Thin	SLE-ENVE	Max	0	0	0	-39,9067	-8,7678	21,3171	-37,2	10,13
1678	Shell-Thin	SLE-ENVE	Max	0	0	0	-41,7293	-8,2764	20,7848	-53,2	10,13
1678	Shell-Thin	SLE-ENVE	Max	0	0	0	-69,2976	-9,3983	26,8983	-53,2	3,56
1678	Shell-Thin	SLE-ENVE	Min	0	0	0	-67,431	-14,3727	22,7864	-41,51	-1,85
1678	Shell-Thin	SLE-ENVE	Min	0	0	0	-45,6094	-10,2185	17,6404	-41,51	7,66
1678	Shell-Thin	SLE-ENVE	Min	0	0	0	-47,8491	-9,6953	17,1572	-60,36	7,66
1678	Shell-Thin	SLE-ENVE	Min	0	0	0	-79,0933	-11,3497	22,3032	-60,36	-1,85
1679	Shell-Thin	SLU-ENVE	Max	0	0	0	-117,5374	-15,7552	44,3028	-88,3	28,25
1679	Shell-Thin	SLU-ENVE	Max	0	0	0	-70,9554	-14,1412	38,6816	-88,3	-1,17
1679	Shell-Thin	SLU-ENVE	Max	0	0	0	-82,5516	-10,5751	38,0686	-67,51	-1,17
1679	Shell-Thin	SLU-ENVE	Max	0	0	0	-117,3271	-20,3344	43,6898	-67,51	28,25
1679	Shell-Thin	SLU-ENVE	Min	0	0	0	-135,2502	-18,7718	36,5571	-104,09	20,1
1679	Shell-Thin	SLU-ENVE	Min	0	0	0	-81,9813	-16,6746	31,8974	-104,09	-5,19
1679	Shell-Thin	SLU-ENVE	Min	0	0	0	-95,9122	-12,5655	31,3872	-75,4	-5,19
1679	Shell-Thin	SLU-ENVE	Min	0	0	0	-134,8387	-23,0226	36,0469	-75,4	20,1
1679	Shell-Thin	SLE-ENVE	Max	0	0	0	-69,3339	-9,5796	24,5465	-54,24	15,18

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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
1679	Shell-Thin	SLE-ENVE	Max	0	0	0	-41,7254	-8,2564	21,5328	-54,24	-1,97
1679	Shell-Thin	SLE-ENVE	Max	0	0	0	-48,2651	-6,1179	21,2326	-40,11	-1,97
1679	Shell-Thin	SLE-ENVE	Max	0	0	0	-68,8097	-12,0759	24,2464	-40,11	15,18
1679	Shell-Thin	SLE-ENVE	Min	0	0	0	-79,1393	-11,544	20,2506	-61,39	10,7
1679	Shell-Thin	SLE-ENVE	Min	0	0	0	-47,8427	-9,6636	17,7739	-61,39	-3,73
1679	Shell-Thin	SLE-ENVE	Min	0	0	0	-55,6676	-7,2244	17,5292	-44,5	-3,73
1679	Shell-Thin	SLE-ENVE	Min	0	0	0	-78,5172	-13,5619	20,0059	-44,5	10,7
1680	Shell-Thin	SLU-ENVE	Max	0	0	0	-66,5636	-14,7273	32,3213	-55,91	9,95
1680	Shell-Thin	SLU-ENVE	Max	0	0	0	-37,0302	-12,9658	27,2526	-55,91	2,8
1680	Shell-Thin	SLU-ENVE	Max	0	0	0	-40,3224	-11,4241	26,3017	-62,62	2,8
1680	Shell-Thin	SLU-ENVE	Max	0	0	0	-73,1967	-14,6252	31,3704	-62,62	9,95
1680	Shell-Thin	SLU-ENVE	Min	0	0	0	-76,7248	-17,3068	26,6352	-62,81	7,58
1680	Shell-Thin	SLU-ENVE	Min	0	0	0	-43,4172	-15,7015	22,3626	-62,81	2,37
1680	Shell-Thin	SLU-ENVE	Min	0	0	0	-47,3055	-13,8681	21,5794	-70,84	2,37
1680	Shell-Thin	SLU-ENVE	Min	0	0	0	-84,6253	-17,2596	25,852	-70,84	7,58
1680	Shell-Thin	SLE-ENVE	Max	0	0	0	-39,3659	-8,6597	17,9566	-33,31	5,22
1680	Shell-Thin	SLE-ENVE	Max	0	0	0	-21,8649	-7,4022	15,1444	-33,31	1,32
1680	Shell-Thin	SLE-ENVE	Max	0	0	0	-23,6999	-6,4888	14,6285	-36,94	1,32
1680	Shell-Thin	SLE-ENVE	Max	0	0	0	-43,0143	-8,5334	17,4407	-36,94	5,22
1680	Shell-Thin	SLE-ENVE	Min	0	0	0	-45,0014	-10,0968	14,8033	-37,12	3,81
1680	Shell-Thin	SLE-ENVE	Min	0	0	0	-25,4075	-8,9233	12,4319	-37,12	1,09
1680	Shell-Thin	SLE-ENVE	Min	0	0	0	-27,5728	-7,8474	12,0089	-41,49	1,09
1680	Shell-Thin	SLE-ENVE	Min	0	0	0	-49,3498	-9,9955	14,3803	-41,49	3,81
1681	Shell-Thin	SLU-ENVE	Max	0	0	0	-73,1893	-14,588	30,6176	-61,68	-7,4
1681	Shell-Thin	SLU-ENVE	Max	0	0	0	-40,3203	-11,4133	25,1973	-61,68	-0,24
1681	Shell-Thin	SLU-ENVE	Max	0	0	0	-43,4968	-9,0952	23,9902	-67,86	-0,24
1681	Shell-Thin	SLU-ENVE	Max	0	0	0	-79,456	-9,956	29,4105	-67,86	-7,4
1681	Shell-Thin	SLU-ENVE	Min	0	0	0	-84,6136	-17,2011	25,2028	-69,79	-10,62
1681	Shell-Thin	SLU-ENVE	Min	0	0	0	-47,3035	-13,8582	20,689	-69,79	-0,65
1681	Shell-Thin	SLU-ENVE	Min	0	0	0	-51,0303	-11,0582	19,6754	-77,64	-0,65
1681	Shell-Thin	SLU-ENVE	Min	0	0	0	-92,2624	-11,8355	24,1892	-77,64	-10,62
1681	Shell-Thin	SLE-ENVE	Max	0	0	0	-43,0103	-8,5134	17,0453	-36,37	-5,1
1681	Shell-Thin	SLE-ENVE	Max	0	0	0	-23,6986	-6,4823	14,0116	-36,37	-0,29
1681	Shell-Thin	SLE-ENVE	Max	0	0	0	-25,4721	-5,144	13,3402	-39,79	-0,29
1681	Shell-Thin	SLE-ENVE	Max	0	0	0	-46,4958	-5,764	16,374	-39,79	-5,1
1681	Shell-Thin	SLE-ENVE	Min	0	0	0	-49,3434	-9,9637	14,0426	-40,86	-6,55
1681	Shell-Thin	SLE-ENVE	Min	0	0	0	-27,5716	-7,8413	11,5107	-40,86	-0,53
1681	Shell-Thin	SLE-ENVE	Min	0	0	0	-29,6494	-6,234	10,9466	-45,2	-0,53
1681	Shell-Thin	SLE-ENVE	Min	0	0	0	-53,5943	-6,8098	13,4784	-45,2	-6,55
1682	Shell-Thin	SLU-ENVE	Max	0	0	0	-37,0395	-12,9676	23,7868	-39,95	-1,54
1682	Shell-Thin	SLU-ENVE	Max	0	0	0	-14,9725	-13,2971	21,1433	-39,95	-0,88
1682	Shell-Thin	SLU-ENVE	Max	0	0	0	-16,4787	-11,9647	19,844	-43,45	-0,88
1682	Shell-Thin	SLU-ENVE	Max	0	0	0	-40,2998	-11,4195	22,4875	-43,45	-1,54
1682	Shell-Thin	SLU-ENVE	Min	0	0	0	-43,4111	-15,7003	19,4196	-45,86	-2,07
1682	Shell-Thin	SLU-ENVE	Min	0	0	0	-17,8821	-16,5485	17,1935	-45,86	-1,57
1682	Shell-Thin	SLU-ENVE	Min	0	0	0	-19,6672	-14,86	16,1464	-50	-1,57
1682	Shell-Thin	SLU-ENVE	Min	0	0	0	-47,2647	-13,8599	18,3725	-50	-2,07
1682	Shell-Thin	SLE-ENVE	Max	0	0	0	-21,8697	-7,4032	13,216	-23,93	-1,17
1682	Shell-Thin	SLE-ENVE	Max	0	0	0	-8,7427	-7,3984	11,7384	-23,93	-0,59
1682	Shell-Thin	SLE-ENVE	Max	0	0	0	-9,5827	-6,6281	11,017	-25,87	-0,59
1682	Shell-Thin	SLE-ENVE	Max	0	0	0	-23,6829	-6,4854	12,4945	-25,87	-1,17
1682	Shell-Thin	SLE-ENVE	Min	0	0	0	-25,4037	-8,9226	10,7931	-27,21	-1,37

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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
1682	Shell-Thin	SLE-ENVE	Min	0	0	0	-10,3568	-9,2055	9,547	-27,21	-0,97
1682	Shell-Thin	SLE-ENVE	Min	0	0	0	-11,3512	-8,2366	8,9654	-29,5	-0,97
1682	Shell-Thin	SLE-ENVE	Min	0	0	0	-27,5456	-7,8419	10,2115	-29,5	-1,37
1683	Shell-Thin	SLU-ENVE	Max	0	0	0	-40,2977	-11,4088	21,3619	-43,42	-3,98
1683	Shell-Thin	SLU-ENVE	Max	0	0	0	-16,4835	-11,9887	18,2936	-43,42	-7,65
1683	Shell-Thin	SLU-ENVE	Max	0	0	0	-18,1682	-8,7945	17,0136	-46,8	-7,65
1683	Shell-Thin	SLU-ENVE	Max	0	0	0	-43,6762	-9,1311	20,0819	-46,8	-3,98
1683	Shell-Thin	SLU-ENVE	Min	0	0	0	-47,2627	-13,85	17,4526	-50,06	-4,84
1683	Shell-Thin	SLU-ENVE	Min	0	0	0	-19,673	-14,8891	14,8869	-50,06	-9,74
1683	Shell-Thin	SLU-ENVE	Min	0	0	0	-21,6842	-10,9196	13,834	-54,06	-9,74
1683	Shell-Thin	SLU-ENVE	Min	0	0	0	-51,2728	-11,1067	16,3997	-54,06	-4,84
1683	Shell-Thin	SLE-ENVE	Max	0	0	0	-23,6816	-6,4788	11,8681	-25,83	-2,39
1683	Shell-Thin	SLE-ENVE	Max	0	0	0	-9,5853	-6,6415	10,1515	-25,83	-4,28
1683	Shell-Thin	SLE-ENVE	Max	0	0	0	-10,53	-4,8524	9,434	-27,71	-4,28
1683	Shell-Thin	SLE-ENVE	Max	0	0	0	-25,5668	-5,1629	11,1506	-27,71	-2,39
1683	Shell-Thin	SLE-ENVE	Min	0	0	0	-27,5444	-7,8359	9,699	-29,51	-2,87
1683	Shell-Thin	SLE-ENVE	Min	0	0	0	-11,3544	-8,2528	8,2612	-29,51	-5,45
1683	Shell-Thin	SLE-ENVE	Min	0	0	0	-12,4802	-6,0328	7,6696	-31,73	-5,45
1683	Shell-Thin	SLE-ENVE	Min	0	0	0	-29,7792	-6,2599	9,1075	-31,73	-2,87
1684	Shell-Thin	SLU-ENVE	Max	0	0	0	-14,9668	-13,296	19,5468	-24,24	-3,69
1684	Shell-Thin	SLU-ENVE	Max	0	0	0	-0,0994	-16,5688	18,578	-24,24	-2,19
1684	Shell-Thin	SLU-ENVE	Max	0	0	0	-0,0055	-15,6209	16,878	-27,53	-2,19
1684	Shell-Thin	SLU-ENVE	Max	0	0	0	-16,5221	-11,9733	17,8467	-27,53	-3,69
1684	Shell-Thin	SLU-ENVE	Min	0	0	0	-17,8752	-16,5471	15,8553	-28,7	-4,77
1684	Shell-Thin	SLU-ENVE	Min	0	0	0	-0,1235	-20,7832	15,0567	-28,7	-3,35
1684	Shell-Thin	SLU-ENVE	Min	0	0	0	-0,0075	-19,4617	13,682	-32,63	-3,35
1684	Shell-Thin	SLU-ENVE	Min	0	0	0	-19,7185	-14,8702	14,4806	-32,63	-4,77
1684	Shell-Thin	SLE-ENVE	Max	0	0	0	-8,7382	-7,3975	10,8451	-14,3	-2,16
1684	Shell-Thin	SLE-ENVE	Max	0	0	0	-0,0546	-9,1213	10,3026	-14,3	-1,17
1684	Shell-Thin	SLE-ENVE	Max	0	0	0	-0,0041	-8,6041	9,3563	-16,14	-1,17
1684	Shell-Thin	SLE-ENVE	Max	0	0	0	-9,6069	-6,633	9,8988	-16,14	-2,16
1684	Shell-Thin	SLE-ENVE	Min	0	0	0	-10,3516	-9,2045	8,7968	-16,78	-2,76
1684	Shell-Thin	SLE-ENVE	Min	0	0	0	-0,068	-11,4626	8,3489	-16,78	-1,82
1684	Shell-Thin	SLE-ENVE	Min	0	0	0	-0,0052	-10,7371	7,583	-18,97	-1,82
1684	Shell-Thin	SLE-ENVE	Min	0	0	0	-11,3799	-8,2424	8,031	-18,97	-2,76
1685	Shell-Thin	SLU-ENVE	Max	0	0	0	-16,5269	-11,9974	16,3329	-26,76	-10,38
1685	Shell-Thin	SLU-ENVE	Max	0	0	0	0,0032	-15,584	14,8199	-26,76	-6,06
1685	Shell-Thin	SLU-ENVE	Max	0	0	0	-0,3337	-13,4466	12,8869	-29,25	-6,06
1685	Shell-Thin	SLU-ENVE	Max	0	0	0	-18,1056	-8,7819	14,3999	-29,25	-10,38
1685	Shell-Thin	SLU-ENVE	Min	0	0	0	-19,7243	-14,8994	13,2501	-31,72	-12,96
1685	Shell-Thin	SLU-ENVE	Min	0	0	0	0,0002697	-19,418	12,0069	-31,72	-7,61
1685	Shell-Thin	SLU-ENVE	Min	0	0	0	-0,4161	-16,7588	10,4328	-34,65	-7,61
1685	Shell-Thin	SLU-ENVE	Min	0	0	0	-21,6052	-10,9039	11,676	-34,65	-12,96
1685	Shell-Thin	SLE-ENVE	Max	0	0	0	-9,6096	-6,6463	9,0529	-15,7	-5,81
1685	Shell-Thin	SLE-ENVE	Max	0	0	0	0,0007872	-8,5832	8,2077	-15,7	-3,47
1685	Shell-Thin	SLE-ENVE	Max	0	0	0	-0,1822	-7,3668	7,1292	-17,1	-3,47
1685	Shell-Thin	SLE-ENVE	Max	0	0	0	-10,4932	-4,8451	7,9743	-17,1	-5,81
1685	Shell-Thin	SLE-ENVE	Min	0	0	0	-11,3831	-8,2586	7,3423	-18,45	-7,25
1685	Shell-Thin	SLE-ENVE	Min	0	0	0	-	-10,7125	6,6469	-18,45	-4,34
							0,0007492				
1685	Shell-Thin	SLE-ENVE	Min	0	0	0	-0,228	-9,2057	5,7675	-20,1	-4,34
1685	Shell-Thin	SLE-ENVE	Min	0	0	0	-12,4344	-6,0237	6,4628	-20,1	-7,25

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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
1686	Shell-Thin	SLU-ENVE	Max	0	0	0	-0,0644	-11,0718	-	28,69	-1,75
									10,1213		
1686	Shell-Thin	SLU-ENVE	Max	0	0	0	-11,0109	-8,9544	-	28,69	-3,08
									10,6545		
1686	Shell-Thin	SLU-ENVE	Max	0	0	0	-11,9992	-7,9191	-9,701	32,61	-3,08
1686	Shell-Thin	SLU-ENVE	Max	0	0	0	-0,0055	-10,3681	-9,1678	32,61	-1,75
1686	Shell-Thin	SLU-ENVE	Min	0	0	0	-0,1234	-20,7712	-	18,08	-3,35
									18,5678		
1686	Shell-Thin	SLU-ENVE	Min	0	0	0	-17,8668	-16,5379	-	18,08	-4,77
									19,5361		
1686	Shell-Thin	SLU-ENVE	Min	0	0	0	-19,7092	-14,862	-17,837	20,17	-4,77
1686	Shell-Thin	SLU-ENVE	Min	0	0	0	-0,0078	-19,4507	-	20,17	-3,35
									16,8687		
1686	Shell-Thin	SLE-ENVE	Max	0	0	0	-0,0352	-6,0566	-5,6107	16,77	-0,91
1686	Shell-Thin	SLE-ENVE	Max	0	0	0	-6,5458	-4,9715	-5,911	16,77	-1,8
1686	Shell-Thin	SLE-ENVE	Max	0	0	0	-7,1003	-4,3702	-5,3783	18,96	-1,8
1686	Shell-Thin	SLE-ENVE	Max	0	0	0	-0,0041	-5,678	-5,078	18,96	-0,91
1686	Shell-Thin	SLE-ENVE	Min	0	0	0	-0,068	-11,4561	-10,297	10,89	-1,82
1686	Shell-Thin	SLE-ENVE	Min	0	0	0	-10,347	-9,1994	-	10,89	-2,76
									10,8392		
1686	Shell-Thin	SLE-ENVE	Min	0	0	0	-11,3748	-8,2379	-9,8934	12,06	-2,76
1686	Shell-Thin	SLE-ENVE	Min	0	0	0	-0,0053	-10,7311	-9,3512	12,06	-1,82
1687	Shell-Thin	SLU-ENVE	Max	0	0	0	0,0032	-10,3437	-8,0083	31,71	-4,62
1687	Shell-Thin	SLU-ENVE	Max	0	0	0	-12,0024	-7,935	-8,8396	31,71	-7,18
1687	Shell-Thin	SLU-ENVE	Max	0	0	0	-13,032	-5,7234	-7,754	34,63	-7,18
1687	Shell-Thin	SLU-ENVE	Max	0	0	0	-0,2122	-8,7731	-6,9226	34,63	-4,62
1687	Shell-Thin	SLU-ENVE	Min	0	0	0	-0,0029	-19,407	-	19,66	-7,61
									14,8118		
1687	Shell-Thin	SLU-ENVE	Min	0	0	0	-19,7151	-14,8912	-16,324	19,66	-12,95
1687	Shell-Thin	SLU-ENVE	Min	0	0	0	-21,595	-10,8978	-14,392	21,3	-12,95
1687	Shell-Thin	SLU-ENVE	Min	0	0	0	-0,4159	-16,7493	-	21,3	-7,61
									12,8798		
1687	Shell-Thin	SLE-ENVE	Max	0	0	0	0,0007828	-5,6641	-4,4277	18,45	-2,66
1687	Shell-Thin	SLE-ENVE	Max	0	0	0	-7,1021	-4,379	-4,8936	18,45	-4,03
1687	Shell-Thin	SLE-ENVE	Max	0	0	0	-7,6804	-3,139	-4,2848	20,09	-4,03
1687	Shell-Thin	SLE-ENVE	Max	0	0	0	-0,1147	-4,7657	-3,8189	20,09	-2,66
1687	Shell-Thin	SLE-ENVE	Min	0	0	0	-0,0025	-10,7065	-8,2032	11,76	-4,33
1687	Shell-Thin	SLE-ENVE	Min	0	0	0	-11,378	-8,2541	-9,048	11,76	-7,25
1687	Shell-Thin	SLE-ENVE	Min	0	0	0	-12,4288	-6,0204	-7,97	12,7	-7,25
1687	Shell-Thin	SLE-ENVE	Min	0	0	0	-0,2279	-9,2005	-7,1253	12,7	-4,33
1688	Shell-Thin	SLU-ENVE	Max	0	0	0	-11,0219	-8,9566	-	45,84	-1,28
									11,5252		
1688	Shell-Thin	SLU-ENVE	Max	0	0	0	-27,9412	-9,0091	-	45,84	-1,54
									12,9711		
1688	Shell-Thin	SLU-ENVE	Max	0	0	0	-30,025	-7,8516	-	49,98	-1,54
									12,2415		
1688	Shell-Thin	SLU-ENVE	Max	0	0	0	-11,9678	-7,9128	-	49,98	-1,28
									10,7956		
1688	Shell-Thin	SLU-ENVE	Min	0	0	0	-17,8738	-16,5393	-	30,92	-1,57
									21,1318		
1688	Shell-Thin	SLU-ENVE	Min	0	0	0	-43,3926	-15,6925	-	30,92	-2,07
									23,7739		
1688	Shell-Thin	SLU-ENVE	Min	0	0	0	-47,2442	-13,8531	-	33,2	-2,07
									22,4753		

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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
1688	Shell-Thin	SLU-ENVE	Min	0	0	0	-19,6579	-14,8518	-	33,2	-1,57
									19,8332		
1688	Shell-Thin	SLE-ENVE	Max	0	0	0	-6,553	-4,9729	-6,4018	27,2	-0,8
1688	Shell-Thin	SLE-ENVE	Max	0	0	0	-16,8274	-5,1852	-7,2149	27,2	-1,17
1688	Shell-Thin	SLE-ENVE	Max	0	0	0	-17,9879	-4,4865	-6,8083	29,49	-1,17
1688	Shell-Thin	SLE-ENVE	Max	0	0	0	-7,0829	-4,3667	-5,9952	29,49	-0,8
1688	Shell-Thin	SLE-ENVE	Min	0	0	0	-10,3522	-9,2005	-	18,92	-0,97
									11,7321		
1688	Shell-Thin	SLE-ENVE	Min	0	0	0	-25,3936	-8,9184	-	18,92	-1,37
									13,2089		
1688	Shell-Thin	SLE-ENVE	Min	0	0	0	-27,5344	-7,8383	-	20,18	-1,37
									12,4879		
1688	Shell-Thin	SLE-ENVE	Min	0	0	0	-11,3461	-8,2322	-	20,18	-0,97
									11,0111		
1689	Shell-Thin	SLU-ENVE	Max	0	0	0	-11,971	-7,9287	-9,923	50,04	-5,42
1689	Shell-Thin	SLU-ENVE	Max	0	0	0	-30,0235	-7,8437	-	50,04	-3,33
									11,6019		
1689	Shell-Thin	SLU-ENVE	Max	0	0	0	-32,169	-6,1715	-10,865	54,04	-3,33
1689	Shell-Thin	SLU-ENVE	Max	0	0	0	-13,0815	-5,7333	-9,186	54,04	-5,42
1689	Shell-Thin	SLU-ENVE	Min	0	0	0	-19,6638	-14,8809	-	33,16	-9,74
									18,2836		
1689	Shell-Thin	SLU-ENVE	Min	0	0	0	-47,2422	-13,8432	-	33,16	-4,83
									21,3504		
1689	Shell-Thin	SLU-ENVE	Min	0	0	0	-51,2504	-11,1014	-	35,23	-4,83
									20,0711		
1689	Shell-Thin	SLU-ENVE	Min	0	0	0	-21,6739	-10,9136	-	35,23	-9,74
									17,0044		
1689	Shell-Thin	SLE-ENVE	Max	0	0	0	-7,0846	-4,3755	-5,5046	29,5	-3,03
1689	Shell-Thin	SLE-ENVE	Max	0	0	0	-17,9869	-4,4816	-6,4499	29,5	-2
1689	Shell-Thin	SLE-ENVE	Max	0	0	0	-19,1903	-3,5095	-6,0327	31,72	-2
1689	Shell-Thin	SLE-ENVE	Max	0	0	0	-7,7096	-3,1448	-5,0873	31,72	-3,03
1689	Shell-Thin	SLE-ENVE	Min	0	0	0	-11,3494	-8,2483	-	20,14	-5,44
									10,1461		
1689	Shell-Thin	SLE-ENVE	Min	0	0	0	-27,5332	-7,8322	-	20,14	-2,87
									11,8618		
1689	Shell-Thin	SLE-ENVE	Min	0	0	0	-29,7669	-6,2571	-	21,29	-2,87
									11,1447		
1689	Shell-Thin	SLE-ENVE	Min	0	0	0	-12,4746	-6,0296	-9,429	21,29	-5,44
1690	Shell-Thin	SLU-ENVE	Max	0	0	0	-27,9482	-9,0105	-	62,79	2,8
									14,8436		
1690	Shell-Thin	SLU-ENVE	Max	0	0	0	-51,0857	-11,0447	-	62,79	9,95
									17,5457		
1690	Shell-Thin	SLU-ENVE	Max	0	0	0	-55,1444	-10,6054	-	70,81	9,95
									17,0391		
1690	Shell-Thin	SLU-ENVE	Max	0	0	0	-30,0561	-7,8578	-14,337	70,81	2,8
1690	Shell-Thin	SLU-ENVE	Min	0	0	0	-43,3988	-15,6937	-	44,25	0,79
									27,2378		
1690	Shell-Thin	SLU-ENVE	Min	0	0	0	-76,6942	-17,3003	-	44,25	3,65
									32,3038		
1690	Shell-Thin	SLU-ENVE	Min	0	0	0	-84,5907	-17,2539	-	48,15	3,65
									31,3537		
1690	Shell-Thin	SLU-ENVE	Min	0	0	0	-47,2851	-13,8613	-	48,15	0,79
									26,2876		
1690	Shell-Thin	SLE-ENVE	Max	0	0	0	-16,8313	-5,186	-8,2608	37,11	1,32
1690	Shell-Thin	SLE-ENVE	Max	0	0	0	-30,7831	-6,5754	-9,7644	37,11	5,22
1690	Shell-Thin	SLE-ENVE	Max	0	0	0	-33,0162	-6,2833	-9,4926	41,48	5,22

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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
1690	Shell-Thin	SLE-ENVE	Max	0	0	0	-18,0095	-4,4909	-7,9889	41,48	1,32
1690	Shell-Thin	SLE-ENVE	Min	0	0	0	-25,3974	-8,9192	-	26,82	0,23
									15,1363		
1690	Shell-Thin	SLE-ENVE	Min	0	0	0	-44,9846	-10,0934	-	26,82	1,84
									17,9471		
1690	Shell-Thin	SLE-ENVE	Min	0	0	0	-49,3309	-9,9925	-	28,93	1,84
									17,4316		
1690	Shell-Thin	SLE-ENVE	Min	0	0	0	-27,5616	-7,8437	-	28,93	0,23
									14,6209		
1691	Shell-Thin	SLU-ENVE	Max	0	0	0	-30,0545	-7,85	-13,689	69,77	-0,36
1691	Shell-Thin	SLU-ENVE	Max	0	0	0	-55,1396	-10,5815	-	69,77	-6,66
									16,6616		
1691	Shell-Thin	SLU-ENVE	Max	0	0	0	-59,2836	-7,4303	-	77,61	-6,66
									15,9897		
1691	Shell-Thin	SLU-ENVE	Max	0	0	0	-32,075	-6,1527	-	77,61	-0,36
									13,0172		
1691	Shell-Thin	SLU-ENVE	Min	0	0	0	-47,2831	-13,8514	-	47,48	-0,84
									25,1839		
1691	Shell-Thin	SLU-ENVE	Min	0	0	0	-84,579	-17,1953	-30,602	47,48	-10,62
1691	Shell-Thin	SLU-ENVE	Min	0	0	0	-92,225	-11,8308	-	51,73	-10,62
									29,3957		
1691	Shell-Thin	SLU-ENVE	Min	0	0	0	-51,0079	-11,0529	-	51,73	-0,84
									23,9776		
1691	Shell-Thin	SLE-ENVE	Max	0	0	0	-18,0086	-4,4859	-7,6249	40,84	-0,36
1691	Shell-Thin	SLE-ENVE	Max	0	0	0	-33,0137	-6,2706	-9,3036	40,84	-4,38
1691	Shell-Thin	SLE-ENVE	Max	0	0	0	-35,3247	-4,3374	-8,927	45,19	-4,38
1691	Shell-Thin	SLE-ENVE	Max	0	0	0	-19,1424	-3,5	-7,2483	45,19	-0,36
1691	Shell-Thin	SLE-ENVE	Min	0	0	0	-27,5604	-7,8376	-	28,5	-0,59
									14,0042		
1691	Shell-Thin	SLE-ENVE	Min	0	0	0	-49,3245	-9,9607	-	28,5	-6,55
									17,0368		
1691	Shell-Thin	SLE-ENVE	Min	0	0	0	-53,574	-6,8073	-	30,86	-6,55
									16,3659		
1691	Shell-Thin	SLE-ENVE	Min	0	0	0	-29,6372	-6,2311	-	30,86	-0,59
									13,3333		
1692	Shell-Thin	SLU-ENVE	Max	0	0	0	-51,5466	-11,1369	-	68,68	18,97
									20,6935		
1692	Shell-Thin	SLU-ENVE	Max	0	0	0	-78,3459	-15,8641	-	68,68	7,7
									26,0911		
1692	Shell-Thin	SLU-ENVE	Max	0	0	0	-88,4247	-14,3758	-	102,38	7,7
									25,7246		
1692	Shell-Thin	SLU-ENVE	Max	0	0	0	-53,9712	-10,3708	-20,327	102,38	18,97
1692	Shell-Thin	SLU-ENVE	Min	0	0	0	-77,7755	-17,5166	-	52,13	7,73
									38,4136		
1692	Shell-Thin	SLU-ENVE	Min	0	0	0	-114,0925	-24,2814	-	52,13	-1,53
									49,4787		
1692	Shell-Thin	SLU-ENVE	Min	0	0	0	-135,1251	-18,3733	-	67,44	-1,53
									48,4898		
1692	Shell-Thin	SLU-ENVE	Min	0	0	0	-81,9582	-16,7274	-	67,44	7,73
									37,4246		
1692	Shell-Thin	SLE-ENVE	Max	0	0	0	-31,0616	-6,631	-	41,5	10,13
									11,4894		
1692	Shell-Thin	SLE-ENVE	Max	0	0	0	-47,5077	-9,6739	-	41,5	3,54
									14,5145		
1692	Shell-Thin	SLE-ENVE	Max	0	0	0	-53,2342	-8,6911	-	60,35	3,54
									14,3185		

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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
1692	Shell-Thin	SLE-ENVE	Max	0	0	0	-32,3008	-6,1402	-	60,35	10,13
									11,2933		
1692	Shell-Thin	SLE-ENVE	Min	0	0	0	-45,5929	-10,2151	-	32,11	4,09
									21,3057		
1692	Shell-Thin	SLE-ENVE	Min	0	0	0	-67,4086	-14,3725	-	32,11	-1,1
									27,4176		
1692	Shell-Thin	SLE-ENVE	Min	0	0	0	-79,0694	-11,343	-	41,08	-1,1
									26,8859		
1692	Shell-Thin	SLE-ENVE	Min	0	0	0	-47,8301	-9,6923	-20,774	41,08	4,09
1693	Shell-Thin	SLU-ENVE	Max	0	0	0	-53,9664	-10,3468	-	104,07	-1,18
									20,8841		
1693	Shell-Thin	SLU-ENVE	Max	0	0	0	-88,4705	-14,605	-	104,07	28,21
									24,2678		
1693	Shell-Thin	SLU-ENVE	Max	0	0	0	-89,0496	-15,7469	-	75,37	28,21
									24,2387		
1693	Shell-Thin	SLU-ENVE	Max	0	0	0	-61,2312	-7,8198	-20,855	75,37	-1,18
1693	Shell-Thin	SLU-ENVE	Min	0	0	0	-81,9465	-16,6688	-	68,89	-5,2
									38,6632		
1693	Shell-Thin	SLU-ENVE	Min	0	0	0	-135,2056	-18,7678	-44,28	68,89	11,34
1693	Shell-Thin	SLU-ENVE	Min	0	0	0	-134,7857	-23,0108	-43,667	55,52	11,34
1693	Shell-Thin	SLU-ENVE	Min	0	0	0	-95,8734	-12,5605	-	55,52	-5,2
									38,0502		
1693	Shell-Thin	SLE-ENVE	Max	0	0	0	-32,2982	-6,1275	-	61,38	-1,97
									11,6771		
1693	Shell-Thin	SLE-ENVE	Max	0	0	0	-53,261	-8,8252	-	61,38	15,16
									13,4388		
1693	Shell-Thin	SLE-ENVE	Max	0	0	0	-53,1441	-9,5182	-	44,48	15,16
									13,4515		
1693	Shell-Thin	SLE-ENVE	Max	0	0	0	-36,4695	-4,5664	-	44,48	-1,97
									11,6898		
1693	Shell-Thin	SLE-ENVE	Min	0	0	0	-47,8237	-9,6605	-	41,98	-3,73
									21,5229		
1693	Shell-Thin	SLE-ENVE	Min	0	0	0	-79,1154	-11,5372	-	41,98	6,3
									24,5341		
1693	Shell-Thin	SLE-ENVE	Min	0	0	0	-78,4885	-13,5557	-24,234	33,4	6,3
1693	Shell-Thin	SLE-ENVE	Min	0	0	0	-55,6466	-7,2219	-	33,4	-3,73
									21,2227		
1694	Shell-Thin	SLU-ENVE	Max	0	0	0	-77,8809	-15,6399	-	132,93	26,59
									12,2462		
1694	Shell-Thin	SLU-ENVE	Max	0	0	0	-97,5882	-24,1667	-	132,93	-49,28
									15,0262		
1694	Shell-Thin	SLU-ENVE	Max	0	0	0	-96,3642	-5,0642	-14,081	22,99	-49,28
1694	Shell-Thin	SLU-ENVE	Max	0	0	0	-89,6706	-16,8523	-11,301	22,99	26,59
1694	Shell-Thin	SLU-ENVE	Min	0	0	0	-113,0218	-23,0826	-	75,04	15,97
									23,8931		
1694	Shell-Thin	SLU-ENVE	Min	0	0	0	-148,2838	-40,5983	-	75,04	-122,26
									28,8636		
1694	Shell-Thin	SLU-ENVE	Min	0	-	0	-140,4346	-9,9685	-26,837	1,81	-122,26
				1,037E-	20						
1694	Shell-Thin	SLU-ENVE	Min	0	0	0	-137,9564	-24,7603	-	1,81	15,97
									21,8665		
1694	Shell-Thin	SLE-ENVE	Max	0	0	0	-47,2245	-9,5012	-6,8781	78,85	14,57
1694	Shell-Thin	SLE-ENVE	Max	0	0	0	-59,653	-14,767	-8,3829	78,85	-31,15
1694	Shell-Thin	SLE-ENVE	Max	0	0	0	-58,3818	-3,5128	-7,8035	15,24	-31,15
1694	Shell-Thin	SLE-ENVE	Max	0	0	0	-53,9919	-10,159	-6,2986	15,24	14,57

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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
1694	Shell-Thin	SLE-ENVE	Min	0	0	0	-66,8029	-13,6518	-	47,39	8,65
1694	Shell-Thin	SLE-ENVE	Min	0	0	0	-87,6835	-23,7494	13,2677	47,39	-70,07
1694	Shell-Thin	SLE-ENVE	Min	0	0	0	-82,9918	-6,3672	-	4,58	-70,07
1694	Shell-Thin	SLE-ENVE	Min	0	0	0	-80,6801	-14,576	-	4,58	8,65
1695	Shell-Thin	SLU-ENVE	Max	0	0	1,019E-20	-89,6856	-16,9272	-8,0987	29,28	30,96
1695	Shell-Thin	SLU-ENVE	Max	0	0	1,008E-20	-96,2926	-4,4621	-	29,28	259,71
1695	Shell-Thin	SLU-ENVE	Max	0	0	0	-123,2465	-36,9401	-	256,96	259,71
1695	Shell-Thin	SLU-ENVE	Max	0	0	0	-87,1787	-16,7613	-8,8126	256,96	30,96
1695	Shell-Thin	SLU-ENVE	Min	0	0	0	-137,9827	-24,8918	-	11,95	15,03
1695	Shell-Thin	SLU-ENVE	Min	0	0	0	-140,3142	-9,5009	-	11,95	128,62
1695	Shell-Thin	SLU-ENVE	Min	0	0	0	-195,0113	-61,7521	-	147,11	128,62
1695	Shell-Thin	SLU-ENVE	Min	0	0	0	-131,4218	-24,9942	-	147,11	15,03
1695	Shell-Thin	SLE-ENVE	Max	0	0	0	-54,0006	-10,2028	-4,3602	18,94	16,6
1695	Shell-Thin	SLE-ENVE	Max	0	0	0	-58,3389	-3,1616	-6,5231	18,94	147,24
1695	Shell-Thin	SLE-ENVE	Max	0	0	0	-74,0436	-22,1626	-6,9205	150,09	147,24
1695	Shell-Thin	SLE-ENVE	Max	0	0	0	-52,0251	-10,0419	-4,7576	150,09	16,6
1695	Shell-Thin	SLE-ENVE	Min	0	0	0	-80,6951	-14,6512	-7,9736	10,41	8,01
1695	Shell-Thin	SLE-ENVE	Min	0	0	0	-82,9216	-6,084	-	10,41	76,26
1695	Shell-Thin	SLE-ENVE	Min	0	0	0	-113,7006	-35,7791	-	89,66	76,26
1695	Shell-Thin	SLE-ENVE	Min	0	0	0	-76,5507	-14,6098	-8,3495	89,66	8,01
1696	Shell-Thin	SLU-ENVE	Max	-	0	0	-97,5109	-24,1512	-	-123,57	-51,29
1696	Shell-Thin	SLU-ENVE	Max	1,201E-20	0	0	-65,1016	-14,2897	-	-123,57	21,25
1696	Shell-Thin	SLU-ENVE	Max	-	0	0	-73,9364	-15,2528	-	-84,35	21,25
1696	Shell-Thin	SLU-ENVE	Max	1,145E-20	0	0	-96,5414	-5,1459	-	-84,35	-51,29
1696	Shell-Thin	SLU-ENVE	Min	-	-	0	-148,0854	-40,5587	-	-295,06	-128,34
1696	Shell-Thin	SLU-ENVE	Min	1,361E-20	1,124E-20	0	-74,8345	-17,695	-	-295,06	12,75
1696	Shell-Thin	SLU-ENVE	Min	1,287E-20	0	0	-89,3729	-18,3398	-	-201,47	12,75
1696	Shell-Thin	SLU-ENVE	Min	1,416E-20	0	0	-140,8433	-10,0223	-30,734	-201,47	-128,34

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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
1696	Shell-Thin	SLE-ENVE	Max	0	0	0	-59,6063	-14,7576	-8,2843	-73,5	-32,33
1696	Shell-Thin	SLE-ENVE	Max	0	0	0	-40,3539	-8,7766	-9,4631	-73,5	10,94
1696	Shell-Thin	SLE-ENVE	Max	0	0	0	-45,3676	-9,2255	-	-48,97	10,94
									10,3428		
1696	Shell-Thin	SLE-ENVE	Max	0	0	0	-58,489	-3,5591	-9,164	-48,97	-32,33
1696	Shell-Thin	SLE-ENVE	Min	0	0	0	-87,5716	-23,727	-	-164,49	-73,46
									15,1162		
1696	Shell-Thin	SLE-ENVE	Min	0	0	0	-47,4496	-10,7379	-	-164,49	6,51
									16,9189		
1696	Shell-Thin	SLE-ENVE	Min	0	0	0	-55,0946	-11,2224	-	-111,21	6,51
									18,7324		
1696	Shell-Thin	SLE-ENVE	Min	0	0	0	-83,2235	-6,399	-	-111,21	-73,46
									16,9297		
1697	Shell-Thin	SLU-ENVE	Max	0	0	0	-96,4698	-4,5438	-	-87,46	258,05
									19,2119		
1697	Shell-Thin	SLU-ENVE	Max	-	0	0	-73,9552	-15,3467	-	-87,46	52,65
				1,059E-20					23,1463		
1697	Shell-Thin	SLU-ENVE	Max	-	0	0	-72,743	-18,8668	-	-198,02	52,65
				2,026E-20					23,7987		
1697	Shell-Thin	SLU-ENVE	Max	-	0	0	-122,8973	-36,8703	-	-198,02	258,05
				1,848E-20					19,8644		
1697	Shell-Thin	SLU-ENVE	Min	-1,13E-20	0	0	-140,7229	-9,5547	-	-206,86	128,24
									36,0652		
1697	Shell-Thin	SLU-ENVE	Min	-	-	0	-89,4051	-18,5009	-	-206,86	29,82
				1,462E-20	1,032E-20				43,5102		
1697	Shell-Thin	SLU-ENVE	Min	-	-	-	-85,8916	-24,4099	-45,257	-442,32	29,82
				2,698E-20	1,275E-20	1,188E-20					
1697	Shell-Thin	SLU-ENVE	Min	-	0	0	-194,3001	-61,6098	-37,812	-442,32	128,24
				2,388E-20							
1697	Shell-Thin	SLE-ENVE	Max	0	0	0	-58,4462	-3,2079	-	-50,89	146,4
									10,6588		
1697	Shell-Thin	SLE-ENVE	Max	0	0	0	-45,3791	-9,283	-	-50,89	28,78
									12,8583		
1697	Shell-Thin	SLE-ENVE	Max	-	0	0	-44,3035	-11,2561	-	-116,79	28,78
				1,179E-20					13,2031		
1697	Shell-Thin	SLE-ENVE	Max	-1,08E-20	0	0	-73,8427	-22,1225	-	-116,79	146,4
									11,0037		
1697	Shell-Thin	SLE-ENVE	Min	0	0	0	-83,1532	-6,1158	-	-114,45	76,16
									19,9338		
1697	Shell-Thin	SLE-ENVE	Min	0	0	0	-55,1097	-11,298	-24,042	-114,45	16,69
1697	Shell-Thin	SLE-ENVE	Min	-	0	0	-54,1549	-14,7122	-	-248,3	16,69
				1,536E-20					24,9552		
1697	Shell-Thin	SLE-ENVE	Min	-	0	0	-113,3018	-35,6994	-20,847	-248,3	76,16
				1,369E-20							
1698	Shell-Thin	SLU-ENVE	Max	0	0	0	-65,4252	-14,3544	-	-106,99	13,93
									21,9962		
1698	Shell-Thin	SLU-ENVE	Max	0	0	0	30,551	0,7159	-	-106,99	17,68
									25,1781		

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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
1698	Shell-Thin	SLU-ENVE	Max	- 1,061E- 20	0	0	32,4881	-1,4241	-25,746	-120,9	17,68
1698	Shell-Thin	SLU-ENVE	Max	- 1,074E- 20	0	0	-72,8809	-15,0417	- 22,5641	-120,9	13,93
1698	Shell-Thin	SLU-ENVE	Min	0	0	0	-75,3914	-17,8064	- 39,1781	-200,51	7,21
1698	Shell-Thin	SLU-ENVE	Min	0	0	0	-10,7948	-5,3524	-43,739	-200,51	9,96
1698	Shell-Thin	SLU-ENVE	Min	- 1,232E- 20	0	0	-11,293	-6,2521	- 44,7587	-230,82	9,96
1698	Shell-Thin	SLU-ENVE	Min	- 1,231E- 20	0	0	-87,458	-17,9568	- 40,1978	-230,82	7,21
1698	Shell-Thin	SLE-ENVE	Max	0	0	0	-40,5532	-8,8165	- 12,0737	-62,4	7,11
1698	Shell-Thin	SLE-ENVE	Max	0	0	0	11,8288	-0,4227	- 13,8409	-62,4	9,28
1698	Shell-Thin	SLE-ENVE	Max	0	0	0	12,9556	-1,4896	- 14,1383	-70,33	9,28
1698	Shell-Thin	SLE-ENVE	Max	0	0	0	-44,7302	-9,098	- 12,3711	-70,33	7,11
1698	Shell-Thin	SLE-ENVE	Min	0	0	0	-47,7531	-10,8142	- 21,5719	-111,6	3,7
1698	Shell-Thin	SLE-ENVE	Min	0	0	0	-8,7598	-3,4093	- 24,0805	-111,6	5,3
1698	Shell-Thin	SLE-ENVE	Min	0	0	0	-8,9685	-3,8496	- 24,6052	-128,44	5,3
1698	Shell-Thin	SLE-ENVE	Min	0	0	0	-54,2025	-11,044	- 22,0967	-128,44	3,7
1699	Shell-Thin	SLU-ENVE	Max	- 1,105E- 20	0	0	-72,8997	-15,1356	- 24,0792	-122,5	30,97
1699	Shell-Thin	SLU-ENVE	Max	- 1,003E- 20	0	0	32,4827	-1,4509	- 25,4491	-122,5	4,71
1699	Shell-Thin	SLU-ENVE	Max	- 2,521E- 20	0	0	30,2023	0,5001	- 25,6271	-118,98	4,71
1699	Shell-Thin	SLU-ENVE	Max	- 2,566E- 20	0	0	-73,9751	-19,1133	- 24,2571	-118,98	30,97
1699	Shell-Thin	SLU-ENVE	Min	- 1,265E- 20	0	0	-87,4902	-18,1179	- 43,7633	-232,48	18,65
1699	Shell-Thin	SLU-ENVE	Min	- 1,167E- 20	0	0	-11,2962	-6,2683	-43,863	-232,48	-7,6
1699	Shell-Thin	SLU-ENVE	Min	- 3,206E- 20	0	0	-14,1304	-5,3994	- 44,4833	-225,67	-7,6
1699	Shell-Thin	SLU-ENVE	Min	- 3,303E- 20	- 1,393E- 20	0	-87,534	-24,7151	- 44,3836	-225,67	18,65
1699	Shell-Thin	SLE-ENVE	Max	0	0	0	-44,7417	-9,1555	-13,237	-71,3	16,73
1699	Shell-Thin	SLE-ENVE	Max	0	0	0	12,9525	-1,5049	- 13,9144	-71,3	1,3

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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
1699	Shell-Thin	SLE-ENVE	Max	- 1,442E- 20	0	0	11,6279	-0,2217	- 13,9758	-68,64	1,3
1699	Shell-Thin	SLE-ENVE	Max	- 1,466E- 20	0	0	-45,0539	-11,4062	- 13,2984	-68,64	16,73
1699	Shell-Thin	SLE-ENVE	Min	0	0	0	-54,2176	-11,1196	-24,049	-129,48	10,36
1699	Shell-Thin	SLE-ENVE	Min	0	0	0	-8,9704	-3,8589	- 24,0349	-129,48	-5,16
1699	Shell-Thin	SLE-ENVE	Min	- 1,824E- 20	0	0	-10,6123	-3,2495	- 24,3102	-125,03	-5,16
1699	Shell-Thin	SLE-ENVE	Min	- 1,876E- 20	0	0	-55,0997	-14,9011	- 24,3243	-125,03	10,36
1700	Shell-Thin	SLU-ENVE	Max	0	0	0	31,0166	0,8091	- 26,3738	-99,19	6,98
1700	Shell-Thin	SLU-ENVE	Max	0	0	0	111,2403	15,364	- 26,6582	-99,19	4,7
1700	Shell-Thin	SLU-ENVE	Max	0	0	0	115,4615	13,7811	- 26,8996	-103,25	4,7
1700	Shell-Thin	SLU-ENVE	Max	0	0	0	30,764	-1,7689	- 26,6151	-103,25	6,98
1700	Shell-Thin	SLU-ENVE	Min	0	0	0	-10,535	-5,3004	- 43,9557	-178,43	5
1700	Shell-Thin	SLU-ENVE	Min	0	0	0	39,5421	3,5742	- 42,2903	-178,43	2,93
1700	Shell-Thin	SLU-ENVE	Min	0	0	0	40,0307	2,8366	- 42,3818	-188,82	2,93
1700	Shell-Thin	SLU-ENVE	Min	0	0	0	-12,0755	-6,4086	- 44,0472	-188,82	5
1700	Shell-Thin	SLE-ENVE	Max	0	0	0	12,0899	-0,3705	- 14,4891	-56,79	3,46
1700	Shell-Thin	SLE-ENVE	Max	0	0	0	54,8544	7,8806	- 14,6522	-56,79	2,16
1700	Shell-Thin	SLE-ENVE	Max	0	0	0	57,1665	7,0395	- 14,7654	-58,99	2,16
1700	Shell-Thin	SLE-ENVE	Max	0	0	0	11,9723	-1,6862	- 14,6022	-58,99	3,46
1700	Shell-Thin	SLE-ENVE	Min	0	0	0	-8,6045	-3,3782	- 24,1888	-98,73	2,59
1700	Shell-Thin	SLE-ENVE	Min	0	0	0	20,0178	1,8047	- 23,2847	-98,73	0,96
1700	Shell-Thin	SLE-ENVE	Min	0	0	0	20,2794	1,4555	- 23,3023	-104,36	0,96
1700	Shell-Thin	SLE-ENVE	Min	0	0	0	-9,4406	-3,944	- 24,2063	-104,36	2,59
1701	Shell-Thin	SLU-ENVE	Max	0	0	0	30,7586	-1,7957	- 26,8181	-102,24	-3,78
1701	Shell-Thin	SLU-ENVE	Max	0	0	0	115,4629	13,7883	- 27,2665	-102,24	10,38
1701	Shell-Thin	SLU-ENVE	Max	0	0	0	119,2314	12,7481	- 27,7607	-104,82	10,38
1701	Shell-Thin	SLU-ENVE	Max	0	0	0	31,9473	0,8491	- 27,3122	-104,82	-3,78
1701	Shell-Thin	SLU-ENVE	Min	0	0	0	-12,0787	-6,4248	- 44,1402	-187,95	-13,46

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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
1701	Shell-Thin	SLU-ENVE	Min	0	0	0	40,0304	2,8349	-	-187,95	1,18
1701	Shell-Thin	SLU-ENVE	Min	0	0	-1,14E-20	40,1608	1,8775	42,6994	-196,2	1,18
1701	Shell-Thin	SLU-ENVE	Min	-	0	-	-13,2361	-5,2205	43,4354	-196,2	-13,46
				1,011E-20		1,043E-20			44,8762		
1701	Shell-Thin	SLE-ENVE	Max	0	0	0	11,9692	-1,7016	-	-58,4	-2,7
1701	Shell-Thin	SLE-ENVE	Max	0	0	0	57,1673	7,0435	14,6849	-58,4	5,26
1701	Shell-Thin	SLE-ENVE	Max	0	0	0	59,2026	6,6651	14,9571	-59,77	5,26
1701	Shell-Thin	SLE-ENVE	Max	0	0	0	12,6211	-0,0231	15,2171	-59,77	-2,7
1701	Shell-Thin	SLE-ENVE	Min	0	0	0	-9,4425	-3,9533	14,9449	-103,86	-8,21
1701	Shell-Thin	SLE-ENVE	Min	0	0	0	20,2792	1,4548	24,2078	-103,86	-
1701	Shell-Thin	SLE-ENVE	Min	0	0	0	20,3284	0,9793	23,4602	-108,33	0,01228
1701	Shell-Thin	SLE-ENVE	Min	0	0	0	-10,0779	-3,1426	23,8385	-108,33	-
1701	Shell-Thin	SLE-ENVE	Min	0	0	0	-10,0779	-3,1426	24,5862	-108,33	-8,21
1702	Shell-Thin	SLU-ENVE	Max	0	0	0	111,293	15,3745	-	-92,21	0,11
1702	Shell-Thin	SLU-ENVE	Max	0	0	0	176,744	27,7335	26,1077	-92,21	3,46
1702	Shell-Thin	SLU-ENVE	Max	0	0	0	184,316	25,0566	24,6772	-96,28	3,46
1702	Shell-Thin	SLU-ENVE	Max	0	0	0	115,4097	13,7708	24,9428	-96,28	0,11
1702	Shell-Thin	SLU-ENVE	Min	0	0	0	39,5245	3,5707	26,3733	-137,16	-3,95
1702	Shell-Thin	SLU-ENVE	Min	0	0	0	86,161	12,2453	38,9673	-137,16	-1,85
1702	Shell-Thin	SLU-ENVE	Min	0	0	0	88,6638	10,6659	34,6569	-145,02	-1,85
1702	Shell-Thin	SLU-ENVE	Min	0	0	0	39,9906	2,8285	35,0779	-145,02	-3,95
1702	Shell-Thin	SLE-ENVE	Max	0	0	0	54,8834	7,8749	39,4334	-51,68	-0,15
1702	Shell-Thin	SLE-ENVE	Max	0	0	0	92,4932	14,8859	14,3573	-51,68	1,78
1702	Shell-Thin	SLE-ENVE	Max	0	0	0	96,474	13,5072	13,5809	-53,92	1,78
1702	Shell-Thin	SLE-ENVE	Max	0	0	0	57,1416	7,0345	14,4933	-53,92	-0,15
1702	Shell-Thin	SLE-ENVE	Min	0	0	0	20,008	1,8027	19,1035	-76,83	-2,8
1702	Shell-Thin	SLE-ENVE	Min	0	0	0	46,1182	6,7254	19,1035	-76,83	-1,57
1702	Shell-Thin	SLE-ENVE	Min	0	0	0	47,4933	5,8918	19,3233	-81,17	-1,57
1702	Shell-Thin	SLE-ENVE	Min	0	0	0	20,2591	1,4515	21,7121	-81,17	-2,8
1703	Shell-Thin	SLU-ENVE	Max	0	0	0	115,4111	13,7779	26,7733	-94,92	3,5
1703	Shell-Thin	SLU-ENVE	Max	0	0	0	184,3131	25,0618	25,3602	-94,92	7,48

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	
1703	Shell-Thin	SLU-ENVE	Max	1,834E-20	0	0	192,6315	23,6022	-	-98,34	7,48	
1703	Shell-Thin	SLU-ENVE	Max	1,815E-20	0	0	119,8768	12,8772	25,9668	-27,38	-98,34	3,5
1703	Shell-Thin	SLU-ENVE	Min	0	0	0	39,9903	2,8269	-	-143,99	-7,33	
1703	Shell-Thin	SLU-ENVE	Min	0	0	0	88,664	10,6668	39,9773	-	-143,99	-7,92
1703	Shell-Thin	SLU-ENVE	Min	0	0	0	90,8679	8,09	-	-152,68	-7,92	
1703	Shell-Thin	SLU-ENVE	Min	0	0	-	40,4856	1,9425	35,7078	-	-152,68	-7,33
1703	Shell-Thin	SLE-ENVE	Max	0	0	1,039E-20	57,1424	7,0385	40,6984	-	-53,15	1,44
1703	Shell-Thin	SLE-ENVE	Max	0	0	0	96,4746	13,51	-	-53,15	4,06	
1703	Shell-Thin	SLE-ENVE	Max	0	0	0	100,3738	12,714	13,9402	-	-55,06	4,06
1703	Shell-Thin	SLE-ENVE	Max	0	0	0	59,567	6,738	14,2697	-	-55,06	1,44
1703	Shell-Thin	SLE-ENVE	Min	0	0	0	20,2589	1,4507	15,0341	-	-80,58	-4,71
1703	Shell-Thin	SLE-ENVE	Min	0	0	0	47,4935	5,8925	21,9959	-	-80,58	-4,97
1703	Shell-Thin	SLE-ENVE	Min	0	0	0	48,7045	4,4966	19,6639	-	-85,42	-4,97
1703	Shell-Thin	SLE-ENVE	Min	0	0	0	20,5165	1,0169	20,0621	-	-85,42	-4,71
1704	Shell-Thin	SLU-ENVE	Max	0	0	0	176,7665	27,7513	22,2994	-	-42,2	-0,48
1704	Shell-Thin	SLU-ENVE	Max	0	0	0	222,778	35,7896	17,1196	-	-42,2	1,95
1704	Shell-Thin	SLU-ENVE	Max	1,602E-20	0	0	232,9257	32,8283	17,1882	-	-42,69	1,95
1704	Shell-Thin	SLU-ENVE	Max	1,588E-20	0	0	184,3343	25,0661	22,5831	-	-42,69	-0,48
1704	Shell-Thin	SLU-ENVE	Min	0	0	0	86,1346	12,24	29,4794	-	-103,82	-5,17
1704	Shell-Thin	SLU-ENVE	Min	0	0	0	132,0348	20,6039	22,9372	-	-103,82	-3,53
1704	Shell-Thin	SLU-ENVE	Min	0	0	0	136,952	18,4164	23,3096	-	-109,93	-3,53
1704	Shell-Thin	SLU-ENVE	Min	0	0	0	88,6278	10,6587	29,8518	-	-109,93	-5,17
1704	Shell-Thin	SLE-ENVE	Max	0	0	0	92,5438	14,896	-12,279	-22,9	-0,4	
1704	Shell-Thin	SLE-ENVE	Max	0	0	0	119,4999	19,4749	-9,3469	-22,9	0,94	
1704	Shell-Thin	SLE-ENVE	Max	0	0	0	125,1103	17,9195	-9,3686	-23,17	0,94	
1704	Shell-Thin	SLE-ENVE	Max	0	0	0	96,501	13,5126	-	-23,17	-0,4	
1704	Shell-Thin	SLE-ENVE	Min	0	0	0	46,104	6,7226	12,4265	-	-57,3	-3,4
1704	Shell-Thin	SLE-ENVE	Min	0	0	0	71,2142	11,3385	16,2526	-	-57,3	-2,24
1704	Shell-Thin	SLE-ENVE	Min	0	0	0	73,9293	10,1694	12,6463	-	-60,69	-2,24
1704	Shell-Thin	SLE-ENVE	Min	0	0	0	73,9293	10,1694	12,8432	-	-60,69	-2,24

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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
1704	Shell-Thin	SLE-ENVE	Min	0	0	0	47,4742	5,888	-	-60,69	-3,4
1705	Shell-Thin	SLU-ENVE	Max	1,524E-20	0	0	184,3314	25,0713	16,4495	-41,08	3,21
1705	Shell-Thin	SLU-ENVE	Max	1,528E-20	0	0	232,9237	32,8184	23,0043	-41,08	6,99
1705	Shell-Thin	SLU-ENVE	Max	2,959E-20	0	0	243,9544	30,3309	17,1399	-40,88	6,99
1705	Shell-Thin	SLU-ENVE	Max	2,955E-20	0	0	192,7557	23,627	17,6126	-40,88	3,21
1705	Shell-Thin	SLU-ENVE	Min	0	0	0	88,628	10,6596	23,5407	-109,09	-11,76
1705	Shell-Thin	SLU-ENVE	Min	0	0	0	136,956	18,4365	23,6398	-109,09	-6,31
1705	Shell-Thin	SLU-ENVE	Min	1,549E-20	0	0	141,5529	14,967	24,2234	-115,95	-6,31
1705	Shell-Thin	SLU-ENVE	Min	1,53E-20	0	0	91,0975	8,1359	31,0816	-115,95	-11,76
1705	Shell-Thin	SLE-ENVE	Max	0	0	0	96,5016	13,5154	12,6512	-22,27	1,68
1705	Shell-Thin	SLE-ENVE	Max	0	0	0	125,1092	17,914	12,9382	-22,27	3,76
1705	Shell-Thin	SLE-ENVE	Max	1,623E-20	0	0	131,2015	16,629	12,9382	-22,14	3,76
1705	Shell-Thin	SLE-ENVE	Max	1,621E-20	0	0	100,5414	12,7279	12,9382	-22,14	1,68
1705	Shell-Thin	SLE-ENVE	Min	0	0	0	47,4744	5,8887	16,7984	-60,22	-7,1
1705	Shell-Thin	SLE-ENVE	Min	0	0	0	73,9315	10,1807	13,0171	-60,22	-3,8
1705	Shell-Thin	SLE-ENVE	Min	0	0	0	76,4696	8,2931	13,3316	-64,03	-3,8
1705	Shell-Thin	SLE-ENVE	Min	0	0	0	48,8325	4,5222	17,1129	-64,03	-7,1
1706	Shell-Thin	SLU-ENVE	Max	0	0	0	229,1109	37,1174	6,6789	53,34	0,75
1706	Shell-Thin	SLU-ENVE	Max	0	0	0	222,8686	35,7939	15,1714	53,34	-1,33
1706	Shell-Thin	SLU-ENVE	Max	1,412E-20	0	0	232,9826	32,8592	15,3445	56,48	-1,33
1706	Shell-Thin	SLU-ENVE	Max	1,447E-20	0	0	239,4845	33,9796	6,8519	56,48	0,75
1706	Shell-Thin	SLU-ENVE	Min	0	0	0	172,4798	27,1883	-2,2808	-5,02	-5,57
1706	Shell-Thin	SLU-ENVE	Min	0	0	0	174,8955	27,9582	4,5551	-5,02	-6,35
1706	Shell-Thin	SLU-ENVE	Min	1,141E-20	0	0	182,7542	25,7047	4,6015	-5,41	-6,35
1706	Shell-Thin	SLU-ENVE	Min	1,161E-20	0	0	180,1436	25,0237	-2,2343	-5,41	-5,57
1706	Shell-Thin	SLE-ENVE	Max	0	0	0	123,6957	20,3329	3,6732	28,5	-
1706	Shell-Thin	SLE-ENVE	Max	0	0	0	119,5508	19,4768	8,3602	28,5	0,08525
1706	Shell-Thin	SLE-ENVE	Max	0	0	0	125,1422	17,936	8,4483	30,24	-1,25
1706	Shell-Thin	SLE-ENVE	Max	0	0	0	129,4341	18,6632	3,7612	30,24	-
1706	Shell-Thin	SLE-ENVE	Min	0	0	0	92,7968	14,8593	-1,2503	-1,23	0,08525
1706	Shell-Thin	SLE-ENVE	Min	0	0	0	93,3428	15,1543	2,5171	-1,23	-3,31
1706	Shell-Thin	SLE-ENVE	Min	0	0	0	97,6842	13,9833	2,5507	-1,43	-3,81
1706	Shell-Thin	SLE-ENVE	Min	0	0	0	97,0345	13,7169	-1,2167	-1,43	-3,31
1707	Shell-Thin	SLU-ENVE	Max	1,386E-20	0	0	239,4865	33,9892	6,8958	56,08	10,5

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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
1707	Shell-Thin	SLU-ENVE	Max	1,36E-20	0	0	232,9819	32,8554	15,7596	56,08	2,01
1707	Shell-Thin	SLU-ENVE	Max	2,276E-20	0	0	243,846	30,3078	16,0336	59,25	2,01
1707	Shell-Thin	SLU-ENVE	Max	2,303E-20	0	0	250,3447	30,6428	7,1698	59,25	10,5
1707	Shell-Thin	SLU-ENVE	Min	1,116E-20	0	0	180,1411	25,0112	-2,5077	-5,27	-9,62
1707	Shell-Thin	SLU-ENVE	Min	1,103E-20	0	0	182,7516	25,692	4,9388	-5,27	-8,99
1707	Shell-Thin	SLU-ENVE	Min	1,659E-20	0	0	191,4944	23,943	4,952	-5,62	-8,99
1707	Shell-Thin	SLU-ENVE	Min	1,673E-20	0	0	188,7113	21,9052	-2,4945	-5,62	-9,62
1707	Shell-Thin	SLE-ENVE	Max	0	0	0	129,4351	18,6687	3,777	30,02	5,3
1707	Shell-Thin	SLE-ENVE	Max	0	0	0	125,1418	17,934	8,6689	30,02	0,58
1707	Shell-Thin	SLE-ENVE	Max	1,261E-20	0	0	131,1442	16,6158	8,8104	31,78	0,58
1707	Shell-Thin	SLE-ENVE	Max	1,276E-20	0	0	135,4393	16,8829	3,9185	31,78	5,3
1707	Shell-Thin	SLE-ENVE	Min	0	0	0	97,0331	13,71	-1,3563	-1,42	-5,52
1707	Shell-Thin	SLE-ENVE	Min	0	0	0	97,6828	13,9762	2,7462	-1,42	-5,28
1707	Shell-Thin	SLE-ENVE	Min	0	0	0	102,5096	12,9113	2,7667	-2,68	-5,28
1707	Shell-Thin	SLE-ENVE	Min	0	0	0	101,7721	11,7822	-1,3358	-2,68	-5,52
1708	Shell-Thin	SLU-ENVE	Max	0	0	0	176,6998	27,7299	34,7172	137,65	2,09
1708	Shell-Thin	SLU-ENVE	Max	0	0	0	111,0542	15,335	39,021	137,65	-0,63
1708	Shell-Thin	SLU-ENVE	Max	0	0	0	115,138	13,6248	39,4839	145,61	-0,63
1708	Shell-Thin	SLU-ENVE	Max	0	0	0	184,2514	25,0193	35,1368	145,61	2,09
1708	Shell-Thin	SLU-ENVE	Min	0	0	0	139,1932	22,8404	22,3152	84,82	-1,62
1708	Shell-Thin	SLU-ENVE	Min	0	0	0	83,0712	10,9548	26,4312	84,82	-3,5
1708	Shell-Thin	SLU-ENVE	Min	0	0	0	85,3275	9,2569	26,6617	88,83	-3,5
1708	Shell-Thin	SLU-ENVE	Min	0	0	0	144,7064	20,3894	22,5457	88,83	-1,62
1708	Shell-Thin	SLE-ENVE	Max	0	0	0	92,5418	14,8832	19,1377	77,1	0,95
1708	Shell-Thin	SLE-ENVE	Max	0	0	0	54,7487	7,8665	21,4973	77,1	-0,61
1708	Shell-Thin	SLE-ENVE	Max	0	0	0	56,9883	6,9478	21,7416	81,51	-0,61
1708	Shell-Thin	SLE-ENVE	Max	0	0	0	96,5201	13,4856	19,3567	81,51	0,95
1708	Shell-Thin	SLE-ENVE	Min	0	0	0	72,9006	12,1867	12,2821	47,99	-1,45
1708	Shell-Thin	SLE-ENVE	Min	0	0	0	43,1921	5,7665	14,5296	47,99	-2,53
1708	Shell-Thin	SLE-ENVE	Min	0	0	0	44,4332	4,9026	14,6479	50,2	-2,53
1708	Shell-Thin	SLE-ENVE	Min	0	0	0	75,9362	10,9276	12,4005	50,2	-1,45
1709	Shell-Thin	SLU-ENVE	Max	0	0	0	184,2488	25,0289	35,7088	144,52	7,51
1709	Shell-Thin	SLU-ENVE	Max	0	0	0	115,1374	13,6221	40,0853	144,52	2,3
1709	Shell-Thin	SLU-ENVE	Max	0	0	0	119,7274	12,9245	40,8202	153,18	2,3
1709	Shell-Thin	SLU-ENVE	Max	0	0	0	192,7146	23,4868	36,4538	153,18	7,51
1709	Shell-Thin	SLU-ENVE	Min	0	0	0	144,7108	20,4114	22,9597	87,6	-7,79
1709	Shell-Thin	SLU-ENVE	Min	0	0	0	85,33	9,2693	26,9542	87,6	-8,35
1709	Shell-Thin	SLU-ENVE	Min	0	0	0	87,3628	7,0825	27,4916	91,45	-8,35
1709	Shell-Thin	SLU-ENVE	Min	0	0	0	149,8437	16,5355	23,4971	91,45	-7,79
1709	Shell-Thin	SLE-ENVE	Max	0	0	0	96,5211	13,4909	19,6645	80,88	3,81
1709	Shell-Thin	SLE-ENVE	Max	0	0	0	56,9881	6,9465	22,0566	80,88	0,77
1709	Shell-Thin	SLE-ENVE	Max	0	0	0	59,4859	6,7605	22,457	85,7	0,77
1709	Shell-Thin	SLE-ENVE	Max	0	0	0	100,5067	12,6479	20,0682	85,7	3,81
1709	Shell-Thin	SLE-ENVE	Min	0	0	0	75,9387	10,9399	12,6312	49,49	-4,9
1709	Shell-Thin	SLE-ENVE	Min	0	0	0	44,4346	4,9096	14,7947	49,49	-5,29

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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
1709	Shell-Thin	SLE-ENVE	Min	0	0	0	45,542	3,7832	15,089	51,64	-5,29
1709	Shell-Thin	SLE-ENVE	Min	0	0	0	78,7515	8,905	12,9255	51,64	-4,9
1710	Shell-Thin	SLU-ENVE	Max	0	0	0	43,074	3,7188	43,7664	200,24	18,36
1710	Shell-Thin	SLU-ENVE	Max	0	0	0	-52,9285	-13,6081	39,1872	200,24	13,92
1710	Shell-Thin	SLU-ENVE	Max	0	0	0	-62,8696	-12,7818	40,2143	230,2	13,92
1710	Shell-Thin	SLU-ENVE	Max	0	0	0	46,3514	2,049	44,7935	230,2	18,36
1710	Shell-Thin	SLU-ENVE	Min	0	0	0	13,1656	-2,3232	33,4653	173,51	12,09
1710	Shell-Thin	SLU-ENVE	Min	0	0	0	-75,4136	-17,828	30,759	173,51	2,11
1710	Shell-Thin	SLU-ENVE	Min	-	0	0	-87,4408	-17,9706	31,6847	199,22	2,11
				1,195E-20							
1710	Shell-Thin	SLU-ENVE	Min	-	0	0	13,9898	-4,2207	34,391	199,22	12,09
				1,197E-20							
1710	Shell-Thin	SLE-ENVE	Max	0	0	0	18,8578	1,2444	24,0938	111,44	9,67
1710	Shell-Thin	SLE-ENVE	Max	0	0	0	-34,6116	-8,5719	21,5759	111,44	7,1
1710	Shell-Thin	SLE-ENVE	Max	0	0	0	-40,1048	-8,0399	22,1048	128,1	7,1
1710	Shell-Thin	SLE-ENVE	Max	0	0	0	20,7314	0,4321	24,6228	128,1	9,67
1710	Shell-Thin	SLE-ENVE	Min	0	0	0	3,8034	-1,8381	18,397	98,47	6,22
1710	Shell-Thin	SLE-ENVE	Min	0	0	0	-47,7811	-10,8296	16,9121	98,47	0,84
1710	Shell-Thin	SLE-ENVE	Min	0	0	0	-54,211	-11,0584	17,3885	112,89	0,84
1710	Shell-Thin	SLE-ENVE	Min	0	0	0	4,3251	-2,8162	18,8733	112,89	6,22
1711	Shell-Thin	SLU-ENVE	Max	0	0	0	46,3439	2,0116	43,8652	231,86	3,62
1711	Shell-Thin	SLU-ENVE	Max	0	0	0	-62,8992	-12,9297	43,8476	231,86	30,83
1711	Shell-Thin	SLU-ENVE	Max	-	0	0	-60,8376	-17,9408	44,4746	226,21	30,83
				1,187E-20							
1711	Shell-Thin	SLU-ENVE	Max	-1,16E-20	0	0	46,9993	5,3555	44,4923	226,21	3,62
1711	Shell-Thin	SLU-ENVE	Min	-	0	0	13,9838	-4,2505	33,6133	201,05	-15,92
				1,151E-20							
1711	Shell-Thin	SLU-ENVE	Min	-	0	0	-87,4728	-18,1307	34,8843	201,05	17,5
				1,187E-20							
1711	Shell-Thin	SLU-ENVE	Min	-	0	0	-87,633	-24,7417	35,4237	196,42	17,5
				1,893E-20							
1711	Shell-Thin	SLU-ENVE	Min	-	0	0	11,5126	-2,7103	34,1527	196,42	-15,92
				1,857E-20							
1711	Shell-Thin	SLE-ENVE	Max	0	0	0	20,7272	0,4109	24,0349	129,13	0,69
1711	Shell-Thin	SLE-ENVE	Max	0	0	0	-40,1224	-8,1278	24,0949	129,13	16,65
1711	Shell-Thin	SLE-ENVE	Max	0	0	0	-38,6943	-10,859	24,3743	125,31	16,65
1711	Shell-Thin	SLE-ENVE	Max	0	0	0	21,0271	2,4686	24,3143	125,31	0,69
1711	Shell-Thin	SLE-ENVE	Min	0	0	0	4,3217	-2,8331	18,37	113,99	-9,78
1711	Shell-Thin	SLE-ENVE	Min	0	0	0	-54,2259	-11,1331	19,1461	113,99	9,37
1711	Shell-Thin	SLE-ENVE	Min	-	0	0	-55,1942	-14,9164	19,3803	110,73	9,37
				1,008E-20							
1711	Shell-Thin	SLE-ENVE	Min	0	0	0	2,889	-2,0657	18,6042	110,73	-9,78
1712	Shell-Thin	SLU-ENVE	Max	0	0	0	-52,3733	-13,4971	30,8283	294,98	21,25
1712	Shell-Thin	SLU-ENVE	Max	0	0	0	-125,6458	-32,2173	27,4977	294,98	-74,3
1712	Shell-Thin	SLU-ENVE	Max	0	0	0	-118,1035	-3,9033	30,7584	201,85	-74,3
1712	Shell-Thin	SLU-ENVE	Max	0	0	0	-64,8155	-13,171	34,0889	201,85	21,25

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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
1712	Shell-Thin	SLU-ENVE	Min	-	0	0	-74,8591	-17,7171	24,4314	205,08	7,94
				1,221E-20							
1712	Shell-Thin	SLU-ENVE	Min	-	0	0	-148,1017	-40,5604	22,12	205,08	-128,29
				1,249E-20							
1712	Shell-Thin	SLU-ENVE	Min	0	0	0	-140,8876	-10,0425	24,939	148,2	-128,29
1712	Shell-Thin	SLU-ENVE	Min	0	0	0	-89,3831	-18,3591	27,2504	148,2	7,94
1712	Shell-Thin	SLE-ENVE	Max	0	0	0	-34,2911	-8,5078	16,9288	164,44	10,94
1712	Shell-Thin	SLE-ENVE	Max	0	0	0	-75,2255	-19,748	15,1245	164,44	-45,72
1712	Shell-Thin	SLE-ENVE	Max	0	0	0	-70,6642	-2,833	16,943	111,44	-45,72
1712	Shell-Thin	SLE-ENVE	Max	0	0	0	-41,2225	-8,2634	18,7473	111,44	10,94
1712	Shell-Thin	SLE-ENVE	Min	0	0	0	-47,4804	-10,7538	13,3822	117,15	3,97
1712	Shell-Thin	SLE-ENVE	Min	0	0	0	-87,5791	-23,7275	12,1447	117,15	-73,43
1712	Shell-Thin	SLE-ENVE	Min	0	0	0	-83,2466	-6,4104	13,7234	82,62	-73,43
1712	Shell-Thin	SLE-ENVE	Min	0	0	0	-55,1226	-11,2407	14,9609	82,62	3,97
1713	Shell-Thin	SLU-ENVE	Max	0	0	0	-64,845	-13,3189	43,5518	207	52,69
1713	Shell-Thin	SLU-ENVE	Max	0	0	0	-118,004	-3,4054	36,0858	207	258,14
1713	Shell-Thin	SLU-ENVE	Max	-	0	0	-162,1282	-50,5985	37,8336	442,13	258,14
				1,423E-20							
1713	Shell-Thin	SLU-ENVE	Max	-	0	0	-59,3642	-17,6462	45,2995	442,13	52,69
				1,489E-20							
1713	Shell-Thin	SLU-ENVE	Min	0	0	0	-89,4151	-18,5191	35,3686	151,46	40,77
1713	Shell-Thin	SLU-ENVE	Min	0	0	0	-140,767	-9,5739	29,5024	151,46	189,02
1713	Shell-Thin	SLU-ENVE	Min	-	0	0	-194,3552	-61,6242	31,0066	313,2	189,02
				2,126E-20							
1713	Shell-Thin	SLU-ENVE	Min	-	0	0	-86,0227	-24,4279	36,8728	313,2	40,77
				2,206E-20							
1713	Shell-Thin	SLE-ENVE	Max	0	0	0	-41,2401	-8,3513	24,0647	114,53	28,8
1713	Shell-Thin	SLE-ENVE	Max	0	0	0	-70,6055	-2,5394	19,9449	114,53	146,45
1713	Shell-Thin	SLE-ENVE	Max	0	0	0	-95,5815	-30,1592	20,8588	248,19	146,45
1713	Shell-Thin	SLE-ENVE	Max	0	0	0	-37,8069	-10,6815	24,9786	248,19	28,8
1713	Shell-Thin	SLE-ENVE	Min	0	0	0	-55,1375	-11,3155	19,5507	84,76	22,28
1713	Shell-Thin	SLE-ENVE	Min	0	0	0	-83,1763	-6,1267	16,3101	84,76	110,51
1713	Shell-Thin	SLE-ENVE	Min	-	0	0	-113,3304	-35,7067	17,0938	179,87	110,51
				1,128E-20							
1713	Shell-Thin	SLE-ENVE	Min	-	0	0	-54,2258	-14,7228	20,3344	179,87	22,28
				1,171E-20							
1714	Shell-Thin	SLU-ENVE	Max	0	0	0	-125,8264	-32,2411	28,8754	-93,55	-70,51
1714	Shell-Thin	SLU-ENVE	Max	0	0	0	-98,8815	-20,0479	23,9009	-93,55	26,62
1714	Shell-Thin	SLU-ENVE	Max	0	0	0	-119,891	-21,3452	21,875	15,2	26,62
1714	Shell-Thin	SLU-ENVE	Max	0	0	0	-117,7468	-3,8319	26,8495	15,2	-70,51
1714	Shell-Thin	SLU-ENVE	Min	0	0	0	-148,3006	-40,6002	23,7826	-132,86	-122,2
1714	Shell-Thin	SLU-ENVE	Min	0	0	0	-113,0643	-23,0888	19,8623	-132,86	20,87
1714	Shell-Thin	SLU-ENVE	Min	0	0	0	-138,0005	-24,7675	18,2077	-13,75	20,87
1714	Shell-Thin	SLU-ENVE	Min	0	0	0	-140,4756	-9,9882	22,128	-13,75	-122,2
1714	Shell-Thin	SLE-ENVE	Max	0	0	0	-75,3279	-19,762	15,9925	-59,96	-43,58
1714	Shell-Thin	SLE-ENVE	Max	0	0	0	-58,9469	-11,9657	13,2718	-59,96	14,58
1714	Shell-Thin	SLE-ENVE	Max	0	0	0	-70,684	-12,6783	12,1049	4,75	14,58

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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
1714	Shell-Thin	SLE-ENVE	Max	0	0	0	-70,4605	-2,7922	14,8256	4,75	-43,58
1714	Shell-Thin	SLE-ENVE	Min	0	0	0	-87,6913	-23,75	13,1837	-78,8	-70,04
1714	Shell-Thin	SLE-ENVE	Min	0	0	0	-66,8259	-13,655	11,0465	-78,8	11,4
1714	Shell-Thin	SLE-ENVE	Min	0	0	0	-80,7037	-14,5797	10,0822	-12,27	11,4
1714	Shell-Thin	SLE-ENVE	Min	0	0	0	-83,0131	-6,3783	12,2194	-12,27	-70,04
1715	Shell-Thin	SLU-ENVE	Max	0	0	0	-117,6472	-3,334	22,2484	7,01	259,75
1715	Shell-Thin	SLU-ENVE	Max	0	0	0	-119,9116	-21,4479	14,6074	7,01	30,99
1715	Shell-Thin	SLU-ENVE	Max	0	0	0	-114,4724	-21,8709	15,2639	-191,95	30,99
1715	Shell-Thin	SLU-ENVE	Max	0	0	0	-162,7529	-50,7099	22,9049	-191,95	259,75
1715	Shell-Thin	SLU-ENVE	Min	0	0	0	-140,355	-9,5196	18,2674	-22,73	190,51
1715	Shell-Thin	SLU-ENVE	Min	0	0	0	-138,0268	-24,899	12,035	-22,73	26,35
1715	Shell-Thin	SLU-ENVE	Min	0	0	0	-131,4736	-25,005	12,5476	-257,04	26,35
1715	Shell-Thin	SLU-ENVE	Min	0	0	0	-195,0695	-61,7671	18,78	-257,04	190,51
1715	Shell-Thin	SLE-ENVE	Max	0	0	0	-70,4018	-2,4987	12,1724	-	147,25
										0,001983	
1715	Shell-Thin	SLE-ENVE	Max	0	0	0	-70,6959	-12,7376	7,9787	-	16,62
										0,001983	
1715	Shell-Thin	SLE-ENVE	Max	0	0	0	-67,1512	-12,879	8,3555	-116,32	16,62
1715	Shell-Thin	SLE-ENVE	Max	0	0	0	-95,9327	-30,2295	12,5492	-116,32	147,25
1715	Shell-Thin	SLE-ENVE	Min	0	0	0	-82,9428	-6,0946	9,9674	-17,54	111,19
1715	Shell-Thin	SLE-ENVE	Min	0	0	0	-80,7187	-14,6549	6,5487	-17,54	13,8
1715	Shell-Thin	SLE-ENVE	Min	0	0	0	-76,5788	-14,6156	6,8434	-150,13	13,8
1715	Shell-Thin	SLE-ENVE	Min	0	0	0	-113,7309	-35,7868	10,2621	-150,13	111,19
1716	Shell-Thin	SLU-ENVE	Max	0	0	0	110,9845	15,3342	41,6857	175,29	3,83
1716	Shell-Thin	SLU-ENVE	Max	0	0	0	73,3746	9,8506	42,8808	175,29	2,73
1716	Shell-Thin	SLU-ENVE	Max	0	0	0	76,2653	8,4297	43,0685	185,5	2,73
1716	Shell-Thin	SLU-ENVE	Max	0	0	0	115,1755	13,6323	41,8734	185,5	3,83
1716	Shell-Thin	SLU-ENVE	Min	0	0	0	83,0812	10,9568	29,1276	92,3	1,33
1716	Shell-Thin	SLU-ENVE	Min	0	0	0	49,0805	4,4435	30,6005	92,3	-0,21
1716	Shell-Thin	SLU-ENVE	Min	0	0	0	49,8887	2,987	30,5358	94,86	-0,21
1716	Shell-Thin	SLU-ENVE	Min	0	0	0	85,3837	9,2682	29,0629	94,86	1,33
1716	Shell-Thin	SLE-ENVE	Max	0	0	0	54,7124	7,8692	22,9552	96,64	1,74
1716	Shell-Thin	SLE-ENVE	Max	0	0	0	35,791	4,7478	23,6026	96,64	1,2
1716	Shell-Thin	SLE-ENVE	Max	0	0	0	37,3912	4,0859	23,6802	102,2	1,2
1716	Shell-Thin	SLE-ENVE	Max	0	0	0	57,0093	6,952	23,0329	102,2	1,74
1716	Shell-Thin	SLE-ENVE	Min	0	0	0	43,1985	5,7678	16,0058	51,91	0,12
1716	Shell-Thin	SLE-ENVE	Min	0	0	0	24,087	2,0513	16,8076	51,91	-0,56
1716	Shell-Thin	SLE-ENVE	Min	0	0	0	24,5378	1,3274	16,7481	53,26	-0,56
1716	Shell-Thin	SLE-ENVE	Min	0	0	0	44,4644	4,9089	15,9462	53,26	0,12
1717	Shell-Thin	SLU-ENVE	Max	0	0	0	115,1749	13,6296	42,3935	184,81	8,68
1717	Shell-Thin	SLU-ENVE	Max	0	0	0	76,2659	8,4323	43,2865	184,81	0,82
1717	Shell-Thin	SLU-ENVE	Max	0	0	0	79,2186	8,7157	44,0614	195,88	0,82
1717	Shell-Thin	SLU-ENVE	Max	0	0	0	119,1523	12,8095	43,1684	195,88	8,68
1717	Shell-Thin	SLU-ENVE	Min	0	0	0	85,3861	9,2805	29,2758	92,24	-1,36
1717	Shell-Thin	SLU-ENVE	Min	0	0	0	49,8903	2,995	30,5537	92,24	-6,25
1717	Shell-Thin	SLU-ENVE	Min	-	0	0	50,2395	2,3904	31,1487	91,43	-6,25
				1,393E-20							
1717	Shell-Thin	SLU-ENVE	Min	-	0	0	87,0051	7,011	29,8708	91,43	-1,36
				1,416E-20							
1717	Shell-Thin	SLE-ENVE	Max	0	0	0	57,0091	6,9507	23,3024	101,8	4,32
1717	Shell-Thin	SLE-ENVE	Max	0	0	0	37,3914	4,087	23,7692	101,8	-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
1717	Shell-Thin	SLE-ENVE	Max	0	0	0	38,9916	4,4199	24,1778	107,96	-0,14
1717	Shell-Thin	SLE-ENVE	Max	0	0	0	59,174	6,6981	23,711	107,96	4,32
1717	Shell-Thin	SLE-ENVE	Min	0	0	0	44,4658	4,9159	16,0484	51,78	-1,42
1717	Shell-Thin	SLE-ENVE	Min	0	0	0	24,5386	1,3317	16,729	51,78	-4,05
1717	Shell-Thin	SLE-ENVE	Min	0	0	0	24,7089	1,1107	17,0411	51,36	-4,05
1717	Shell-Thin	SLE-ENVE	Min	0	0	0	45,3437	3,7435	16,3605	51,36	-1,42
1718	Shell-Thin	SLU-ENVE	Max	0	0	0	73,4078	9,8572	43,8209	181,43	5,62
1718	Shell-Thin	SLU-ENVE	Max	0	0	0	43,4529	3,7945	44,2993	181,43	9,29
1718	Shell-Thin	SLU-ENVE	Max	0	0	0	44,9588	1,7705	44,2921	192,14	9,29
1718	Shell-Thin	SLU-ENVE	Max	0	0	0	76,3046	8,4375	43,8137	192,14	5,62
1718	Shell-Thin	SLU-ENVE	Min	0	0	0	49,0995	4,4473	31,9221	120,21	1,44
1718	Shell-Thin	SLU-ENVE	Min	0	0	0	13,5454	-2,2472	32,9828	120,21	3,85
1718	Shell-Thin	SLU-ENVE	Min	-	0	0	12,5854	-4,5015	32,885	125,77	3,85
				1,106E-20							
1718	Shell-Thin	SLU-ENVE	Min	-1,11E-20	0	0	49,9315	2,9956	31,8242	125,77	1,44
1718	Shell-Thin	SLE-ENVE	Max	0	0	0	35,8097	4,7515	24,1188	100,73	2,61
1718	Shell-Thin	SLE-ENVE	Max	0	0	0	19,0741	1,2876	24,3781	100,73	4,59
1718	Shell-Thin	SLE-ENVE	Max	0	0	0	19,9316	0,2722	24,3342	106,51	4,59
1718	Shell-Thin	SLE-ENVE	Max	0	0	0	37,4128	4,0902	24,0749	106,51	2,61
1718	Shell-Thin	SLE-ENVE	Min	0	0	0	24,0977	2,0535	17,5359	67,31	0,32
1718	Shell-Thin	SLE-ENVE	Min	0	0	0	4,0238	-1,7941	18,1184	67,31	1,73
1718	Shell-Thin	SLE-ENVE	Min	0	0	0	3,513	-2,9786	18,027	70,29	1,73
1718	Shell-Thin	SLE-ENVE	Min	0	0	0	24,5614	1,3321	17,4445	70,29	0,32
1719	Shell-Thin	SLU-ENVE	Max	0	0	0	76,3052	8,4402	43,8871	191,1	3,6
1719	Shell-Thin	SLU-ENVE	Max	0	0	0	44,9513	1,733	44,2969	191,1	-2,35
1719	Shell-Thin	SLU-ENVE	Max	0	0	0	48,2354	5,6028	44,989	195,88	-2,35
1719	Shell-Thin	SLU-ENVE	Max	0	0	0	79,1475	8,7015	44,5792	195,88	3,6
1719	Shell-Thin	SLU-ENVE	Min	-	0	0	49,9331	3,0036	31,7622	123,21	-5,46
				1,075E-20							
1719	Shell-Thin	SLU-ENVE	Min	-	0	0	12,5794	-4,5314	32,8665	123,21	-19,9
				1,059E-20							
1719	Shell-Thin	SLU-ENVE	Min	-	0	0	12,9733	-2,44	33,418	121,44	-19,9
				1,622E-20							
1719	Shell-Thin	SLU-ENVE	Min	-	0	0	50,133	2,3691	32,3138	121,44	-5,46
				1,637E-20							
1719	Shell-Thin	SLE-ENVE	Max	0	0	0	37,413	4,0913	24,0817	105,93	1,2
1719	Shell-Thin	SLE-ENVE	Max	0	0	0	19,9273	0,251	24,2851	105,93	-2,33
1719	Shell-Thin	SLE-ENVE	Max	0	0	0	21,7521	2,6136	24,6305	108,34	-2,33
1719	Shell-Thin	SLE-ENVE	Max	0	0	0	38,9503	4,4117	24,4271	108,34	1,2
1719	Shell-Thin	SLE-ENVE	Min	0	0	0	24,5623	1,3364	17,3789	68,86	-3,64
1719	Shell-Thin	SLE-ENVE	Min	0	0	0	3,5096	-2,9955	17,9676	68,86	-11,81
1719	Shell-Thin	SLE-ENVE	Min	0	0	0	3,7396	-1,9049	18,2381	67,71	-11,81
1719	Shell-Thin	SLE-ENVE	Min	0	0	0	24,6477	1,0985	17,6494	67,71	-3,64
1720	Shell-Thin	SLU-ENVE	Max	1,033E-20	0	0	222,735	35,781	-	-0,76	-1,44
									11,9854		
1720	Shell-Thin	SLU-ENVE	Max	1,012E-20	0	0	231,0937	37,3423	-8,5409	-0,76	-
											0,01299

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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
1720	Shell-Thin	SLU-ENVE	Max	1,921E-20	0	0	241,5685	34,2539	-8,3842	2,08	-0,01299
1720	Shell-Thin	SLU-ENVE	Max	1,941E-20	1,026E-20	0	233,0055	32,8443	-	2,08	-1,44
1720	Shell-Thin	SLU-ENVE	Min	0	0	0	132,0486	20,6066	-	-89,86	-6,54
1720	Shell-Thin	SLU-ENVE	Min	0	0	0	154,9124	24,3881	-	-89,86	-5,94
1720	Shell-Thin	SLU-ENVE	Min	1,262E-20	0	0	161,2916	22,1627	-	-95,6	-5,94
1720	Shell-Thin	SLU-ENVE	Min	1,262E-20	0	0	136,9921	18,4244	-	-95,6	-6,54
1720	Shell-Thin	SLE-ENVE	Max	0	0	0	119,4775	19,4704	-6,5414	-0,15	-0,94
1720	Shell-Thin	SLE-ENVE	Max	0	0	0	124,4354	20,3959	-4,6624	-0,15	-0,51
1720	Shell-Thin	SLE-ENVE	Max	1,062E-20	0	0	130,2288	18,7613	-4,5677	1,42	-0,51
1720	Shell-Thin	SLE-ENVE	Max	1,073E-20	0	0	125,1546	17,9283	-6,4467	1,42	-0,94
1720	Shell-Thin	SLE-ENVE	Min	0	0	0	71,2221	11,3401	-9,5386	-48,29	-3,92
1720	Shell-Thin	SLE-ENVE	Min	0	0	0	83,5066	13,3784	-7,2611	-48,29	-3,55
1720	Shell-Thin	SLE-ENVE	Min	0	0	0	87,032	12,1941	-7,4126	-51,48	-3,55
1720	Shell-Thin	SLE-ENVE	Min	0	0	0	73,9515	10,1738	-9,6378	-51,48	-3,92
1721	Shell-Thin	SLU-ENVE	Max	1,867E-20	0	0	233,0036	32,8344	-	3,69	3,82
1721	Shell-Thin	SLU-ENVE	Max	1,833E-20	0	0	241,5712	34,2673	-8,3269	3,69	8,97
1721	Shell-Thin	SLU-ENVE	Max	3,018E-20	0	0	252,8558	31,1868	-8,5802	5,77	8,97
1721	Shell-Thin	SLU-ENVE	Max	3,052E-20	0	0	243,3194	30,2039	-	5,77	3,82
1721	Shell-Thin	SLU-ENVE	Min	1,22E-20	0	0	136,9961	18,4445	-	-95,67	-8,43
1721	Shell-Thin	SLU-ENVE	Min	1,199E-20	0	0	161,2943	22,1761	-	-95,67	-6,63
1721	Shell-Thin	SLU-ENVE	Min	1,987E-20	0	0	168,0231	19,5673	-	-105,18	-6,63
1721	Shell-Thin	SLU-ENVE	Min	2,009E-20	0	0	141,3473	14,9259	-	-105,18	-8,43
1721	Shell-Thin	SLE-ENVE	Max	1,032E-20	0	0	125,1535	17,9229	-6,4072	2,32	2,01
1721	Shell-Thin	SLE-ENVE	Max	1,012E-20	0	0	130,2303	18,7687	-4,5306	2,32	4,44
1721	Shell-Thin	SLE-ENVE	Max	1,674E-20	0	0	136,468	17,1431	-4,6636	3,5	4,44
1721	Shell-Thin	SLE-ENVE	Max	1,693E-20	0	0	130,8552	16,5597	-6,5403	3,5	2,01
1721	Shell-Thin	SLE-ENVE	Min	0	0	0	73,9538	10,1851	-9,8027	-51,53	-5
1721	Shell-Thin	SLE-ENVE	Min	0	0	0	87,0335	12,2016	-7,6408	-51,53	-3,94
1721	Shell-Thin	SLE-ENVE	Min	1,112E-20	0	0	90,7532	10,8011	-7,8384	-56,81	-3,94
1721	Shell-Thin	SLE-ENVE	Min	1,124E-20	0	0	76,3531	8,2698	-10,008	-56,81	-5
1722	Shell-Thin	SLU-ENVE	Max	1,037E-20	0	0	231,0836	37,3402	-4,6789	7,71	0,44
1722	Shell-Thin	SLU-ENVE	Max	1,012E-20	0	0	229,0903	37,1133	-0,053	7,71	0,98

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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
1722	Shell-Thin	SLU-ENVE	Max	1,759E-20	0	0	239,5794	33,9985	0,0125	7,65	0,98
1722	Shell-Thin	SLU-ENVE	Max	1,784E-20	0	0	241,5583	34,2519	-4,6135	7,65	0,44
1722	Shell-Thin	SLU-ENVE	Min	0	0	0	154,939	24,3934	-	-68,45	-6,15
1722	Shell-Thin	SLU-ENVE	Min	0	0	0	172,3899	27,1704	-7,1403	-68,45	-6,04
1722	Shell-Thin	SLU-ENVE	Min	1,331E-20	0	0	180,1865	25,0323	-7,4784	-74,28	-6,04
1722	Shell-Thin	SLU-ENVE	Min	1,335E-20	0	0	161,2779	22,16	-	-74,28	-6,15
1722	Shell-Thin	SLU-ENVE	Min	0	0	0	172,3899	27,1704	-7,1403	-68,45	-6,04
1722	Shell-Thin	SLU-ENVE	Min	1,331E-20	0	0	180,1865	25,0323	-7,4784	-74,28	-6,04
1722	Shell-Thin	SLU-ENVE	Min	1,335E-20	0	0	161,2779	22,16	-	-74,28	-6,15
1722	Shell-Thin	SLE-ENVE	Max	0	0	0	124,4298	20,3948	-2,5961	2,86	-0,26
1722	Shell-Thin	SLE-ENVE	Max	0	0	0	123,6847	20,3306	-0,0433	2,86	0,04414
1722	Shell-Thin	SLE-ENVE	Max	0	0	0	129,4867	18,6738	-0,0129	2,82	0,04414
1722	Shell-Thin	SLE-ENVE	Max	0	0	0	130,2229	18,7601	-2,5657	2,82	-0,26
1722	Shell-Thin	SLE-ENVE	Min	0	0	0	83,5212	13,3813	-5,6548	-36,19	-3,67
1722	Shell-Thin	SLE-ENVE	Min	0	0	0	92,7476	14,8495	-3,9304	-36,19	-3,58
1722	Shell-Thin	SLE-ENVE	Min	0	0	0	97,0582	13,7217	-4,1085	-39,42	-3,58
1722	Shell-Thin	SLE-ENVE	Min	0	0	0	87,0246	12,1926	-5,8329	-39,42	-3,67
1723	Shell-Thin	SLU-ENVE	Max	1,696E-20	0	0	241,561	34,2653	-4,6043	7,89	9,8
1723	Shell-Thin	SLU-ENVE	Max	1,705E-20	0	0	239,5813	34,0081	0,1055	7,89	11,97
1723	Shell-Thin	SLU-ENVE	Max	2,754E-20	0	0	249,5537	30,4847	0,1126	13,24	11,97
1723	Shell-Thin	SLU-ENVE	Max	2,745E-20	0	0	252,8662	31,1889	-4,5972	13,24	9,8
1723	Shell-Thin	SLU-ENVE	Min	1,272E-20	0	0	161,2805	22,1733	-	-74,83	-6,53
1723	Shell-Thin	SLU-ENVE	Min	1,279E-20	0	0	180,184	25,0198	-7,7717	-74,83	-7,1
1723	Shell-Thin	SLU-ENVE	Min	2,119E-20	0	0	188,0707	21,7939	-7,9689	-79,12	-7,1
1723	Shell-Thin	SLU-ENVE	Min	2,114E-20	0	0	168,0929	19,5812	-	-79,12	-6,53
1723	Shell-Thin	SLU-ENVE	Min	0	0	0	188,0707	21,7939	-7,9689	-79,12	-7,1
1723	Shell-Thin	SLU-ENVE	Min	2,114E-20	0	0	168,0929	19,5812	-	-79,12	-6,53
1723	Shell-Thin	SLE-ENVE	Max	0	0	0	130,2244	18,7676	-2,5675	2,97	4,9
1723	Shell-Thin	SLE-ENVE	Max	0	0	0	129,4878	18,6792	0,0303	2,97	6,11
1723	Shell-Thin	SLE-ENVE	Max	1,537E-20	0	0	135,0037	16,7958	0,0243	5,93	6,11
1723	Shell-Thin	SLE-ENVE	Max	1,532E-20	0	0	136,4745	17,1443	-2,5736	5,93	4,9
1723	Shell-Thin	SLE-ENVE	Min	0	0	0	87,0261	12,2001	-6,0422	-39,74	-3,9
1723	Shell-Thin	SLE-ENVE	Min	0	0	0	97,0569	13,7148	-4,2597	-39,74	-4,14
1723	Shell-Thin	SLE-ENVE	Min	1,156E-20	0	0	101,4201	11,7219	-4,3552	-42,13	-4,14
1723	Shell-Thin	SLE-ENVE	Min	1,154E-20	0	0	90,7911	10,8087	-6,1377	-42,13	-3,9
1724	Shell-Thin	SLU-ENVE	Max	0	0	0	222,83	35,7862	21,0595	91,63	-1,94
1724	Shell-Thin	SLU-ENVE	Max	0	0	0	204,091	32,5757	24,7059	91,63	-3,39
1724	Shell-Thin	SLU-ENVE	Max	1,006E-20	0	0	213,0313	29,7299	25,0018	97,53	-3,39
1724	Shell-Thin	SLU-ENVE	Max	1,032E-20	0	0	233,0851	32,8796	21,3554	97,53	-1,94
1724	Shell-Thin	SLU-ENVE	Min	0	0	0	174,8054	27,9401	9,5264	21,87	-5,33
1724	Shell-Thin	SLU-ENVE	Min	0	0	0	159,8453	25,943	12,7859	21,87	-5,57

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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
1724	Shell-Thin	SLU-ENVE	Min	0	0	0	166,5735	23,5303	13,2144	21,36	-5,57
1724	Shell-Thin	SLU-ENVE	Min	0	0	0	182,7951	25,7129	9,9548	21,36	-5,33
1724	Shell-Thin	SLE-ENVE	Max	0	0	0	119,5299	19,4727	11,61	50,34	-1,59
1724	Shell-Thin	SLE-ENVE	Max	0	0	0	108,853	17,6325	13,6215	50,34	-2,18
1724	Shell-Thin	SLE-ENVE	Max	0	0	0	113,7916	16,1504	13,7763	53,61	-2,18
1724	Shell-Thin	SLE-ENVE	Max	0	0	0	125,1991	17,9473	11,7648	53,61	-1,59
1724	Shell-Thin	SLE-ENVE	Min	0	0	0	93,2932	15,1444	5,2559	11,7	-3,24
1724	Shell-Thin	SLE-ENVE	Min	0	0	0	84,655	13,9729	7,049	11,7	-3,41
1724	Shell-Thin	SLE-ENVE	Min	0	0	0	88,367	12,7243	7,2908	11,4	-3,41
1724	Shell-Thin	SLE-ENVE	Min	0	0	0	97,7068	13,9878	5,4977	11,4	-3,24
1725	Shell-Thin	SLU-ENVE	Max	0	0	0	233,0843	32,8759	21,7254	96,76	1,81
1725	Shell-Thin	SLU-ENVE	Max	0	0	0	213,031	29,7284	25,4226	96,76	-1,83
1725	Shell-Thin	SLU-ENVE	Max	1,387E-20	0	0	222,9911	27,0573	25,9109	97,3	-1,83
1725	Shell-Thin	SLU-ENVE	Max	1,393E-20	0	0	243,0386	30,1463	22,2137	97,3	1,81
1725	Shell-Thin	SLU-ENVE	Min	0	0	0	182,7926	25,7002	10,3114	19,66	-7
1725	Shell-Thin	SLU-ENVE	Min	0	0	0	166,5764	23,5447	13,6716	19,66	-6,81
1725	Shell-Thin	SLU-ENVE	Min	0	0	0	173,7351	20,6419	13,8933	12,81	-6,81
1725	Shell-Thin	SLU-ENVE	Min	0	0	0	190,8604	23,8394	10,5331	12,81	-7
1725	Shell-Thin	SLE-ENVE	Max	0	0	0	125,1987	17,9453	11,9605	53,19	0,45
1725	Shell-Thin	SLE-ENVE	Max	0	0	0	113,7915	16,1495	14,0001	53,19	-1,35
1725	Shell-Thin	SLE-ENVE	Max	0	0	0	119,2872	14,7769	14,2612	53,49	-1,35
1725	Shell-Thin	SLE-ENVE	Max	0	0	0	130,6981	16,5266	12,2216	53,49	0,45
1725	Shell-Thin	SLE-ENVE	Min	0	0	0	97,7054	13,9807	5,7038	10,45	-4,16
1725	Shell-Thin	SLE-ENVE	Min	0	0	0	88,3686	12,7323	7,5494	10,45	-4,14
1725	Shell-Thin	SLE-ENVE	Min	0	0	0	92,3103	11,2244	7,6821	6,68	-4,14
1725	Shell-Thin	SLE-ENVE	Min	0	0	0	102,1599	12,8552	5,8366	6,68	-4,16
1726	Shell-Thin	SLU-ENVE	Max	0	0	0	204,0745	32,5724	27,9731	116,28	-1,37
1726	Shell-Thin	SLU-ENVE	Max	0	0	0	176,659	27,7391	30,966	116,28	-1,28
1726	Shell-Thin	SLU-ENVE	Max	0	0	0	184,2948	25,0359	31,3918	122,83	-1,28
1726	Shell-Thin	SLU-ENVE	Max	0	0	0	213,0524	29,7341	28,3989	122,83	-1,37
1726	Shell-Thin	SLU-ENVE	Min	0	0	0	159,8166	25,9373	15,7768	63,28	-3,35
1726	Shell-Thin	SLU-ENVE	Min	0	0	0	139,2532	22,8524	18,5428	63,28	-5,17
1726	Shell-Thin	SLU-ENVE	Min	0	0	0	144,795	20,4071	19,0136	64,71	-5,17
1726	Shell-Thin	SLU-ENVE	Min	0	0	0	166,5813	23,5318	16,2477	64,71	-3,35
1726	Shell-Thin	SLE-ENVE	Max	0	0	0	108,8436	17,6306	15,4232	64,41	-0,96
1726	Shell-Thin	SLE-ENVE	Max	0	0	0	92,5695	14,8887	17,072	64,41	-1,04
1726	Shell-Thin	SLE-ENVE	Max	0	0	0	96,5673	13,4951	17,2979	68,05	-1,04
1726	Shell-Thin	SLE-ENVE	Max	0	0	0	113,8034	16,1527	15,649	68,05	-0,96
1726	Shell-Thin	SLE-ENVE	Min	0	0	0	84,6389	13,9697	8,6942	34,53	-2,38
1726	Shell-Thin	SLE-ENVE	Min	0	0	0	72,9361	12,1938	10,2115	34,53	-3,4
1726	Shell-Thin	SLE-ENVE	Min	0	0	0	75,9866	10,9377	10,4727	35,32	-3,4
1726	Shell-Thin	SLE-ENVE	Min	0	0	0	88,3714	12,7252	8,9554	35,32	-2,38
1727	Shell-Thin	SLU-ENVE	Max	0	0	0	213,0521	29,7326	28,8974	121,96	0,66
1727	Shell-Thin	SLU-ENVE	Max	0	0	0	184,2922	25,0455	31,9864	121,96	4,81
1727	Shell-Thin	SLU-ENVE	Max	0	0	0	192,2924	23,4024	32,6289	132,28	4,81
1727	Shell-Thin	SLU-ENVE	Max	0	0	0	222,9181	27,0427	29,5399	132,28	0,66
1727	Shell-Thin	SLU-ENVE	Min	0	0	0	166,5841	23,5463	16,7429	63,15	-6,28
1727	Shell-Thin	SLU-ENVE	Min	0	0	0	144,7994	20,4291	19,4949	63,15	-10,95
1727	Shell-Thin	SLU-ENVE	Min	0	0	0	149,544	16,4756	19,8932	67,15	-10,95
1727	Shell-Thin	SLU-ENVE	Min	0	0	0	173,6754	20,6299	17,1411	67,15	-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
1727	Shell-Thin	SLE-ENVE	Max	0	0	0	113,8033	16,1518	15,9159	67,66	0,04054
1727	Shell-Thin	SLE-ENVE	Max	0	0	0	96,5684	13,5004	17,6179	67,66	2,29
1727	Shell-Thin	SLE-ENVE	Max	0	0	0	100,3402	12,6026	17,9652	74,34	2,29
1727	Shell-Thin	SLE-ENVE	Max	0	0	0	119,2461	14,7687	16,2633	74,34	0,04054
1727	Shell-Thin	SLE-ENVE	Min	0	0	0	88,373	12,7332	9,2347	34,45	-4,05
1727	Shell-Thin	SLE-ENVE	Min	0	0	0	75,989	10,9499	10,7401	34,45	-6,66
1727	Shell-Thin	SLE-ENVE	Min	0	0	0	78,5927	8,8732	10,9663	36,63	-6,66
1727	Shell-Thin	SLE-ENVE	Min	0	0	0	92,2766	11,2177	9,4609	36,63	-4,05