11.c

Oasys

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 09-mei-2016	Checked

Titles and Model Statistics

Job number:
Job title:
Subtitle:
Calc. heading:
File: D:\Dropbox\SID\SID projects\P0092 - Club de Ville\04 Internal\03 Calculations\160406 - Amsterdam\oud\160509 - Club de Ville - ZJA - incl voorspanning.gwb
Notes: (none)
Structure Type: Space
Invalid Directions: (none)
Global Directions: (none)

Number of nodes:	2858
Highest node:	17563
Number of elements:	5035
Highest element:	48350
Number of members:	0
Highest member:	0
Number of load cases:	7
Highest load case:	7

Load Case Specification

Case	Name	Type	Source	Category	Direction	Include
L1	eg	<undefined>	1			
L2	zb	<undefined>	1			
L3	vb verlichting links	<undefined>	1			
L4	vb verlichting rechts	<undefined>	1			
L5	wind (dwars geval 1: alleen zuiging)	<undefined>	1			
L6	wind (dwars geval 2: met druk)	<undefined>	1			
L7	wind (langsrichting)	<undefined>	1			
L8	voorspanning	<undefined>	1			

History

Date	Time	Name	Note
01-apr-2016	11:10	s103360	New
01-apr-2016	12:00	s103360	Save as C:\Dropbox\Chiel\Club de Ville\xxx Club de Ville tent.gwb from Oasys GSA Suite 8.7.0.62
01-apr-2016	12:06	s103360	Open in Oasys GSA Suite 8.7.0.62
01-apr-2016	14:23	s103360	Save as C:\Dropbox\Chiel\Club de Ville\xxx Club de Ville tent -b.gwb from Oasys GSA Suite 8.7.0.62
01-apr-2016	15:40	s103360	Open in Oasys GSA Suite 8.7.0.62
01-apr-2016	16:34	s103360	Open in Oasys GSA Suite 8.7.0.62
04-apr-2016	11:36	bwaphvh	Open in Oasys GSA Suite 8.7.0.62
04-apr-2016	11:57	bwaphvh	Save as C:\Users\bwaphvh\Dropbox\Chiel\Club de Ville\xxx Club de Ville tent -c.gwb from Oasys GSA Suite 8.7.0.62
19-apr-2016	19:22	s103360	Open in Oasys GSA Suite 8.7.0.62
19-apr-2016	19:34	s103360	Save as C:\Dropbox\Chiel\Club de Ville\160419 - Club de Ville - Opgave Constructeur - Model + belasting.gwb from Oasys GSA Suite 8.7.0.62
19-apr-2016	22:09	s103360	Open in Oasys GSA Suite 8.7.0.62
19-apr-2016	23:01	s103360	Open in Oasys GSA Suite 8.7.0.62
19-apr-2016	23:04	s103360	Open in Oasys GSA Suite 8.7.0.62
19-apr-2016	23:21	s103360	Save as C:\Dropbox\Chiel\Club de Ville\160419 - Club de Ville - Varianten kruizen.gwb from Oasys GSA Suite 8.7.0.62
20-apr-2016	00:28	s103360	Open in Oasys GSA Suite 8.7.0.62
20-apr-2016	00:30	s103360	Save as C:\Dropbox\Chiel\Club de Ville\160419 - Club de Ville - Opgave Constructeur - Model + belasting.gwb from Oasys GSA Suite 8.7.0.62
20-apr-2016	00:37	s103360	Save as C:\Dropbox\Chiel\Club de Ville\160419 - Club de Ville - Varianten kruizen.gwb from Oasys GSA Suite 8.7.0.62
20-apr-2016	11:26	s103360	Open in Oasys GSA Suite 8.7.0.62
21-apr-2016	13:44	s103360	Open in Oasys GSA Suite 8.7.0.62
21-apr-2016	13:45	s103360	Save as C:\Dropbox\Chiel\Club de Ville\160421 - Club de Ville - Detail Toegevoegd.gwb from Oasys GSA Suite 8.7.0.62
21-apr-2016	14:08	s103360	Open in Oasys GSA Suite 8.7.0.62
21-apr-2016	15:12	s103360	Open in Oasys GSA Suite 8.7.0.62
02-mei-2016	10:46	s103360	Open in Oasys GSA Suite 8.7.0.66
02-mei-2016	10:56	s103360	Save as C:\Dropbox\Chiel\Club de Ville\160502 - Club de Ville - ZJA.gwb from Oasys GSA Suite 8.7.0.66
02-mei-2016	11:12	s103360	Open in Oasys GSA Suite 8.7.0.66
02-mei-2016	13:09	s103360	Open in Oasys GSA Suite 8.7.0.66
03-mei-2016	10:06	s103360	Open in Oasys GSA Suite 8.7.0.66
03-mei-2016	10:08	s103360	Save as C:\Dropbox\Chiel\Club de Ville\160503 - Club de Ville - ZJA.gwb from Oasys GSA Suite 8.7.0.66
03-mei-2016	10:09	s103360	Open in Oasys GSA Suite 8.7.0.66
03-mei-2016	10:36	s103360	Open in Oasys GSA Suite 8.7.0.66
03-mei-2016	11:00	s103360	Save as C:\Dropbox\Chiel\Club de Ville\160503 - Club de Ville - ZJA - b.gwb from Oasys GSA Suite 8.7.0.66
03-mei-2016	11:05	s103360	Open in Oasys GSA Suite 8.7.0.66
09-mei-2016	9:21	bwaphvh	Open in Oasys GSA Suite 8.7.0.62
09-mei-2016	9:23	bwaphvh	Save as C:\Users\bwaphvh\Dropbox\Chiel\Club de Ville\160509 - Club de Ville - ZJA - incl extra kruizen.gwb from Oasys GSA Suite 8.7.0.62
09-mei-2016	10:08	s103360	Open in Oasys GSA Suite 8.7.0.66
09-mei-2016	23:15	bwaphvh	Open in Oasys GSA Suite 8.7.0.62
09-mei-2016	23:20	bwaphvh	Save as C:\Users\bwaphvh\Dropbox\Chiel\Club de Ville\160905 - Constructief Rapport Club de Ville\160509 - Club de Ville - ZJA - incl voorspanning.gwb from Oasys GSA Suite 8.7.0.62
15-Aug-2019	12:00	bwaphvh	Open in Oasys GSA Suite 8.7.0.80

Environmental Impact Summary

The reported recycled content is the 'total volume of recycled content / total volume of material in the structure'.
Other reported values are environmental impact totals for all elements in the structure.

	A1-3 eE [kJ]	A1-3 CO2e [t]	C3-4 CO2e [t]	D CO2e [t]	Recycled User content [%]
per Section Property					
1 RHS 25x35x2					
2 RHS 25x30x2					
3 R12					
4 R12 (boogspant)					
5 Kruizen					
6 Koppelstaven					
7 Diagonalen Koppelspant					
8 Koppelspant koker					
9 Koppelspant R25					
10 Koppel RHS 25x35x2					
11 Koppel RHS 25x30x2					
12 Fictief					
13 Extra kolom					
14 voet					
per 2D Element Property					
1 Tentdoek Load Panel					
2 Tentdoek voorzijde 1					

	A1-3 eE [kJ]	A1-3 CO2e [t]	C3-4 CO2e [t]	D CO2e [t]	Recycled User content [%]
richting					
3 Tentdoek voorzijde 2 richtingen					
per Material Property					
std. Steel					
Total for structure					

Analysis Details

Analysis Task 1

Name:	Static
Solver:	GSS 50.12.0.62 64-bit Static
Status:	post-analysis (Analysed: Monday, 9 May 2016)
Condition no.:	18,42E+8

Advanced:

Solution method:	**Sparse Parallel Direct**
Degree of freedom ordering:	**Minimum degree ordering**
Limiting minimum:maximum stiffness ratio:	100,0E-12
Minimum stiffness distinguished from zero:	0,0
Calculate error norm:	Yes
Calculate condition number:	Yes
Plate formulation:	**MITC**
In-plane formulation:	**Allman-Cook (includes zz dof)**

Geometry based automatic constraints

Flatness parameter:	0,001000
Zero stiffness value:	100,0E-12
Treat geometry check failures as:	Errors

Analysis Cases

Case	Name	Description	Error norm
A1	eg	L1	8,879E-12
A2	rb	L2	53,93E-12
A3	vb verlichting links	L3	11,47E-12
A4	vb verlichting rechts	L4	12,21E-12
A5	wind (dwars geval 1: alleen zuiging)	L5	4,067E-12
A6	wind (dwars geval 2: met druk)	L6	3,909E-12
A7	wind (langsrichting)	L7	7,155E-12

Combination Case and Envelope Details

Cases for which results are not available are displayed in red or, in case descriptions, within angle brackets.

Combination Cases

Case	Name	Permutation	Description
C1	ULS: eg + rb + mon vb		1,35(A1 + A2) + 0,6(A3)
C2	ULS: eg + rb + vb		1,2(A1 + A2) + 1,5(A3)
C3	ULS: eg + rb + mon vb links + wind (dwars geval 1 zuiging)		1,2(A1 + A2) + 0,6(A3) + 1,5(A5)
C4	ULS: eg + rb + mon vb links + wind (dwars geval 2 druk)		1,2(A1 + A2) + 0,6(A3) + 1,5(A6)
C5	ULS: eg + rb + mon vb rechts + wind (dwars geval 1 zuiging)		1,2(A1 + A2) + 0,6(A4) + 1,5(A5)
C6	ULS: eg + rb + mon vb rechts + wind (dwars geval 2 druk)		1,2(A1 + A2) + 0,6(A4) + 1,5(A6)
C7	ULS: eg + rb + mon vb links + wind (langsrichting)		1,2(A1 + A2) + 0,6(A3) + 1,5(A7)
C8	ULS: eg + rb + ong. wind (dwars geval 1 zuiging)		0,9(A1 + A2) + 1,5(A5)
C9	ULS: eg + rb + ong. wind (dwars geval 2 druk)		0,9(A1 + A2) + 1,5(A6)
C10	ULS: eg + rb + ong. wind (langsrichting)		0,9(A1 + A2) + 1,5(A7)
C11	SLS: eg + rb		(A1 + A2)
C12	SLS: eg + rb + vb		(A1 + A2) + (A3)
C13	SLS: eg + rb + mon vb links + wind (dwars geval 1 zuiging)		(A1 + A2) + 0,4(A3) + (A5)
C14	SLS: eg + rb + mon vb links + wind (dwars geval 2 druk)		(A1 + A2) + 0,4(A3) + (A6)
C15	SLS: eg + rb + mon vb rechts + wind (dwars geval 1 zuiging)		(A1 + A2) + 0,4(A4) + (A5)
C16	SLS: eg + rb + mon vb rechts + wind (dwars geval 2 druk)		(A1 + A2) + 0,4(A4) + (A6)
C17	SLS: eg + rb + mon vb links + wind (langsrichting)		(A1 + A2) + 0,4(A3) + (A7)
C18	SLS: eg + rb + mon vb		(A1 + A2) + 0,4(A3)
C19	ULS env.	(Total: 10)	C1 to C10
		p1	1,35A1 + 1,35A2 + 0,6A3
		p2	1,2A1 + 1,2A2 + 1,5A3
		p3	1,2A1 + 1,2A2 + 0,6A3 + 1,5A5
		p4	1,2A1 + 1,2A2 + 0,6A3 + 1,5A6
		p5	1,2A1 + 1,2A2 + 0,6A4 + 1,5A5
		p6	1,2A1 + 1,2A2 + 0,6A4 + 1,5A6
		p7	1,2A1 + 1,2A2 + 0,6A3 + 1,5A7
		p8	0,9A1 + 0,9A2 + 1,5A5
		p9	0,9A1 + 0,9A2 + 1,5A6
		p10	0,9A1 + 0,9A2 + 1,5A7
C20	SLS env.	(Total: 8)	C11 to C18

Case	Name	Permutation	Description
		p1	1A1 + 1A2
		p2	1A1 + 1A2 + 1A3
		p3	1A1 + 1A2 + 0,4A3 + 1A5
		p4	1A1 + 1A2 + 0,4A3 + 1A6
		p5	1A1 + 1A2 + 0,4A4 + 1A5
		p6	1A1 + 1A2 + 0,4A4 + 1A6
		p7	1A1 + 1A2 + 0,4A3 + 1A7
		p8	1A1 + 1A2 + 0,4A3

Analysis Envelope Tasks
This table is empty.

Case Permutation Factors

Case	Name	Permutation	Description	Case	Factor	Name
C1	ULS: eg + rb + mom vb	p1	1,35A1 + 1,35A2 + 0,6A3	A1	1,350	eg
				A2	1,350	rb
				A3	0,6000	vb verlichting links
C2	ULS: eg + rb + vb	p1	1,2A1 + 1,2A2 + 1,5A3	A1	1,200	eg
				A2	1,200	rb
				A3	1,500	vb verlichting links
C3	ULS: eg + rb + mom vb links + wind (dwars geval 1 zuiging)	p1	1,2A1 + 1,2A2 + 0,6A3 + 1,5A5	A1	1,200	eg
				A2	1,200	rb
				A3	0,6000	vb verlichting links
				A5	1,500	wind (dwars geval 1: alleen zuiging)
C4	ULS: eg + rb + mom vb links + wind (dwars geval 2 druk)	p1	1,2A1 + 1,2A2 + 0,6A3 + 1,5A6	A1	1,200	eg
				A2	1,200	rb
				A3	0,6000	vb verlichting links
				A6	1,500	wind (dwars geval 2: met druk)
C5	ULS: eg + rb + mom vb rechts + wind (dwars geval 1 zuiging)	p1	1,2A1 + 1,2A2 + 0,6A4 + 1,5A5	A1	1,200	eg
				A2	1,200	rb
				A4	0,6000	vb verlichting rechts
				A5	1,500	wind (dwars geval 1: alleen zuiging)
C6	ULS: eg + rb + mom vb rechts + wind (dwars geval 2 druk)	p1	1,2A1 + 1,2A2 + 0,6A4 + 1,5A6	A1	1,200	eg
				A2	1,200	rb
				A4	0,6000	vb verlichting rechts
				A6	1,500	wind (dwars geval 2: met druk)
C7	ULS: eg + rb + mom vb links + wind (langsrichting)	p1	1,2A1 + 1,2A2 + 0,6A3 + 1,5A7	A1	1,200	eg
				A2	1,200	rb
				A3	0,6000	vb verlichting links
				A7	1,500	wind (langsrichting)
C8	ULS: eg + rb + ong. wind (dwars geval 1 zuiging)	p1	0,9A1 + 0,9A2 + 1,5A5	A1	0,9000	eg
				A2	0,9000	rb
				A5	1,500	wind (dwars geval 1: alleen zuiging)
C9	ULS: eg + rb + ong. wind (dwars geval 2 druk)	p1	0,9A1 + 0,9A2 + 1,5A6	A1	0,9000	eg
				A2	0,9000	rb
				A6	1,500	wind (dwars geval 2: met druk)
C10	ULS: eg + rb + ong. wind (langsrichting)	p1	0,9A1 + 0,9A2 + 1,5A7	A1	0,9000	eg
				A2	0,9000	rb
				A7	1,500	wind (langsrichting)
C11	SLS: eg + rb	p1	1A1 + 1A2	A1	1,000	eg
				A2	1,000	rb
C12	SLS: eg + rb + vb	p1	1A1 + 1A2 + 1A3	A1	1,000	eg
				A2	1,000	rb
				A3	1,000	vb verlichting links
C13	SLS: eg + rb + mom vb links + wind (dwars geval 1 zuiging)	p1	1A1 + 1A2 + 0,4A3 + 1A5	A1	1,000	eg
				A2	1,000	rb
				A3	0,4000	vb verlichting links
				A5	1,000	wind (dwars geval 1: alleen zuiging)
C14	SLS: eg + rb + mom vb links + wind (dwars geval 2 druk)	p1	1A1 + 1A2 + 0,4A3 + 1A6	A1	1,000	eg
				A2	1,000	rb
				A3	0,4000	vb verlichting links
				A6	1,000	wind (dwars geval 2: met druk)
C15	SLS: eg + rb + mom vb rechts + wind (dwars geval 1 zuiging)	p1	1A1 + 1A2 + 0,4A4 + 1A5	A1	1,000	eg
				A2	1,000	rb
				A4	0,4000	vb verlichting rechts
				A5	1,000	wind (dwars geval 1: alleen zuiging)
C16	SLS: eg + rb + mom vb rechts + wind (dwars geval 2 druk)	p1	1A1 + 1A2 + 0,4A4 + 1A6	A1	1,000	eg
				A2	1,000	rb
				A4	0,4000	vb verlichting rechts
				A6	1,000	wind (dwars geval 2: met druk)
C17	SLS: eg + rb + mom vb links + wind (langsrichting)	p1	1A1 + 1A2 + 0,4A3 + 1A7	A1	1,000	eg
				A2	1,000	rb
				A3	0,4000	vb verlichting links
				A7	1,000	wind (langsrichting)
C18	SLS: eg + rb + mom vb	p1	1A1 + 1A2 + 0,4A3	A1	1,000	eg
				A2	1,000	rb
				A3	0,4000	vb verlichting links
C19	ULS env.	p1	1,35A1 + 1,35A2 + 0,6A3	A1	1,350	eg
				A2	1,350	rb
				A3	0,6000	vb verlichting links
		p2	1,2A1 + 1,2A2 + 1,5A3	A1	1,200	eg
				A2	1,200	rb
				A3	1,500	vb verlichting links
		p3	1,2A1 + 1,2A2 + 0,6A3 + 1,5A5	A1	1,200	eg
				A2	1,200	rb
				A3	0,6000	vb verlichting links
				A5	1,500	wind (dwars geval 1: alleen zuiging)
		p4	1,2A1 + 1,2A2 + 0,6A3 + 1,5A6	A1	1,200	eg
				A2	1,200	rb
				A3	0,6000	vb verlichting links
				A6	1,500	wind (dwars geval 2: met

Case	Name	Permutation	Description	Case	Factor	Name
						druk)
		p5	1,2A1 + 1,2A2 + 0,6A4 + 1,5A5	A1	1,200	eg
				A2	1,200	rb
				A4	0,6000	vb verlichting rechts
				A5	1,500	wind (dwars geval 1: alleen zuiging)
		p6	1,2A1 + 1,2A2 + 0,6A4 + 1,5A6	A1	1,200	eg
				A2	1,200	rb
				A4	0,6000	vb verlichting rechts
				A6	1,500	wind (dwars geval 2: met druk)
		p7	1,2A1 + 1,2A2 + 0,6A3 + 1,5A7	A1	1,200	eg
				A2	1,200	rb
				A3	0,6000	vb verlichting links
				A7	1,500	wind (langsrichting)
		p8	0,9A1 + 0,9A2 + 1,5A5	A1	0,9000	eg
				A2	0,9000	rb
				A5	1,500	wind (dwars geval 1: alleen zuiging)
		p9	0,9A1 + 0,9A2 + 1,5A6	A1	0,9000	eg
				A2	0,9000	rb
				A6	1,500	wind (dwars geval 2: met druk)
		p10	0,9A1 + 0,9A2 + 1,5A7	A1	0,9000	eg
				A2	0,9000	rb
				A7	1,500	wind (langsrichting)
C20	SLS env.	p1	1A1 + 1A2	A1	1,000	eg
				A2	1,000	rb
		p2	1A1 + 1A2 + 1A3	A1	1,000	eg
				A2	1,000	rb
				A3	1,000	vb verlichting links
		p3	1A1 + 1A2 + 0,4A3 + 1A5	A1	1,000	eg
				A2	1,000	rb
				A3	0,4000	vb verlichting links
				A5	1,000	wind (dwars geval 1: alleen zuiging)
		p4	1A1 + 1A2 + 0,4A3 + 1A6	A1	1,000	eg
				A2	1,000	rb
				A3	0,4000	vb verlichting links
				A6	1,000	wind (dwars geval 2: met druk)
		p5	1A1 + 1A2 + 0,4A4 + 1A5	A1	1,000	eg
				A2	1,000	rb
				A4	0,4000	vb verlichting rechts
				A5	1,000	wind (dwars geval 1: alleen zuiging)
		p6	1A1 + 1A2 + 0,4A4 + 1A6	A1	1,000	eg
				A2	1,000	rb
				A1	0,4000	vb verlichting rechts
				A6	1,000	wind (dwars geval 2: met druk)
		p7	1A1 + 1A2 + 0,4A3 + 1A7	A1	1,000	eg
				A2	1,000	rb
				A3	0,4000	vb verlichting links
				A7	1,000	wind (langsrichting)
		p8	1A1 + 1A2 + 0,4A3	A1	1,000	eg
				A2	1,000	rb
				A3	0,4000	vb verlichting links

Axes

	Name	Type	Origin X [m]	Origin Y [m]	Origin Z [m]	X Vector X	X Vector Y	X Vector Z	XY Vector X	XY Vector Y	XY Vector Z
1	CAD Origin	Cartesian	0,0	0,0	0,0	1,000	0,0	0,0	0,0	1,000	0,0
2	Axis 2	Cartesian	-4,450	0,0	3,681	953,7E-9	1,500	0,0	0,02335	0,0	0,03247
3	Axis 3	Cartesian	4,450	0,0	3,681	-953,7E-9	1,500	0,0	-0,02335	0,0	0,03247
Maxima											
3	Axis 3	Cartesian	***4,450***	0,0	3,681	-953,7E-9	1,500	0,0	-0,02335	0,0	0,03247
1	CAD Origin	Cartesian	0,0	***0,0***	0,0	1,000	0,0	0,0	0,0	1,000	0,0
2	Axis 2	Cartesian	-4,450	0,0	***3,681***	953,7E-9	1,500	0,0	0,02335	0,0	0,03247
1	CAD Origin	Cartesian	0,0	0,0	0,0	***1,000***	0,0	0,0	0,0	1,000	0,0
2	Axis 2	Cartesian	-4,450	0,0	3,681	953,7E-9	***1,500***	0,0	0,02335	0,0	0,03247
1	CAD Origin	Cartesian	0,0	0,0	0,0	1,000	0,0	***0,0***	0,0	1,000	0,0
2	Axis 2	Cartesian	-4,450	0,0	3,681	953,7E-9	1,500	0,0	***0,02335***	0,0	0,03247
1	CAD Origin	Cartesian	0,0	0,0	0,0	1,000	0,0	0,0	0,0	***1,000***	0,0
2	Axis 2	Cartesian	-4,450	0,0	3,681	953,7E-9	1,500	0,0	0,02335	0,0	***0,03247***
Minima											
2	Axis 2	Cartesian	***-4,450***	0,0	3,681	953,7E-9	1,500	0,0	0,02335	0,0	0,03247
1	CAD Origin	Cartesian	0,0	***0,0***	0,0	1,000	0,0	0,0	0,0	1,000	0,0
1	CAD Origin	Cartesian	0,0	0,0	***0,0***	1,000	0,0	0,0	0,0	1,000	0,0
3	Axis 3	Cartesian	4,450	0,0	3,681	***-953,7E-9***	1,500	0,0	-0,02335	0,0	0,03247
1	CAD Origin	Cartesian	0,0	0,0	0,0	1,000	***0,0***	0,0	0,0	1,000	0,0
1	CAD Origin	Cartesian	0,0	0,0	0,0	1,000	0,0	***0,0***	0,0	1,000	0,0
3	Axis 3	Cartesian	4,450	0,0	3,681	-953,7E-9	1,500	0,0	***-0,02335***	0,0	0,03247
2	Axis 2	Cartesian	-4,450	0,0	3,681	953,7E-9	1,500	0,0	0,02335	***0,0***	0,03247
1	CAD Origin	Cartesian	0,0	0,0	0,0	1,000	0,0	0,0	0,0	1,000	***0,0***

Nodes

Output axes: global

Node	Name	x [m]	y [m]	z [m]	Constraint Axia	Restr.	Gen. Restr.	Spring Support
1		0,0	0,0	6,000	Global			
2		0,0	0,0	5,700	Global			
3		0,0	3,000	6,000	Global			
4		0,0	1,200	6,000	Global			
5		0,0	1,500	5,700	Global			
6		0,0	3,000	5,700	Global			
7		0,0	2,250	6,000	Global			
8		0,0	0,7500	6,000	Global			
9		4,386	0,0	0,0	Global			
10		4,187	0,0	3,109	Global			
11		4,475	0,0	2,868	Global			
12		4,220	0,0	2,581	Global			
13		4,475	0,0	0,0	Global			
14		4,475	0,0	3,681	Global			
15		4,475	0,0	1,668	Global			
16		4,475	0,0	0,8080	Global			
17		7,545	0,0	2,660	Global			
18		7,208	0,0	2,736	Global			
19		7,878	0,0	2,950	Global			
20		6,567	0,0	2,865	Global			
21		6,183	0,0	2,928	Global			
22		5,839	0,0	2,976	Global			
23		5,494	0,0	3,016	Global			
24		5,148	0,0	3,048	Global			
25		4,805	0,0	3,072	Global			

Node	Name	x [m]	y [m]	z [m]	Constraint Axis	Restr.	Gen. Restr.	Spring Support
26		8,825	0,0	2,668	Global			
27		5,590	0,0	3,427	Global			
28		6,141	0,0	2,501	Global			
29		7,878	0,0	2,575	Global			
30		8,207	0,0	2,482	Global			
31		6,532	0,0	2,384	Global			
32		4,475	0,0	3,066	Global			
33		4,970	0,0	3,061	Global			
34		6,666	0,0	2,809	Global			
35		7,592	0,0	2,648	Global			
36		6,527	0,0	2,872	Global			
37		6,636	0,0	3,187	Global			
38		5,521	0,0	3,013	Global			
39		8,825	2,841	2,318	Global			
40		8,825	3,000	2,306	Global			
41		8,825	3,000	2,688	Global			
42		8,825	2,386	2,419	Global			
43		8,825	2,454	2,410	Global			
44		8,825	2,316	2,427	Global			
45		8,825	2,250	2,436	Global			
46		8,825	2,182	2,444	Global			
47		8,825	2,656	2,376	Global			
48		8,825	2,589	2,387	Global			
49		8,825	2,521	2,399	Global			
50		8,825	2,723	2,365	Global			
51		8,825	2,898	2,347	Global			
52		8,825	2,882	2,328	Global			
53		8,825	1,910	2,467	Global			
54		8,825	1,774	2,473	Global			
55		8,825	1,637	2,479	Global			
56		8,825	1,501	2,479	Global			
57		8,825	1,501	2,688	Global			
58		8,825	0,0	2,269	Global			
59		8,825	0,0	1,066	Global			
60		9,037	0,0	1,070	Global			
61		9,080	0,0	2,502	Global			
62		9,113	0,0	2,447	Global			
63		9,125	0,0	2,269	Global			
64		9,006	0,0	2,598	Global			
65		9,052	0,0	2,553	Global			
66		8,891	0,0	2,667	Global			
67		8,952	0,0	2,637	Global			
68		9,129	0,0	2,330	Global			
69		8,926	0,0	0,0	Global			
70		9,126	0,0	2,369	Global			
71		4,475	2,115	3,266	Global			
72		4,475	2,047	3,272	Global			
73		8,825	0,0	0,0	Global			
74		4,475	2,183	3,259	Global			
75		4,475	1,842	3,287	Global			
76		4,475	1,774	3,290	Global			
77		4,475	2,454	3,223	Global			
78		4,475	2,387	3,232	Global			
79		4,475	1,705	3,293	Global			
80		4,475	1,910	3,284	Global			
81		4,475	1,637	3,296	Global			
82		4,475	2,251	3,250	Global			
83		4,475	2,319	3,241	Global			
84		4,475	2,892	3,135	Global			
85		4,475	2,809	3,154	Global			
86		4,475	2,724	3,174	Global			
87		4,475	3,000	3,110	Global			
88		4,475	2,941	3,124	Global			
89		4,475	1,979	3,276	Global			
90		4,475	1,200	3,681	Global			
91		4,475	1,500	3,296	Global			
92		4,475	3,000	3,681	Global			
93		8,825	0,05969	2,318	Global			
94		8,825	0,0	2,306	Global			
95		8,825	0,6152	2,419	Global			
96		8,825	0,5474	2,410	Global			
97		8,825	0,6830	2,427	Global			
98		8,825	0,7506	2,436	Global			
99		8,825	0,8185	2,444	Global			
100		8,825	0,3450	2,376	Global			
101		8,825	0,4118	2,387	Global			
102		8,825	0,4796	2,399	Global			
103		8,825	0,2762	2,365	Global			
104		8,825	0,1933	2,347	Global			
105		8,825	0,1093	2,329	Global			
106		8,825	1,091	2,467	Global			
107		8,825	1,227	2,473	Global			
108		8,825	1,364	2,479	Global			
109		4,475	0,8046	3,266	Global			
110		4,475	0,9534	3,272	Global			
111		4,475	0,8168	3,259	Global			
112		4,475	1,158	3,287	Global			
113		4,475	1,227	3,290	Global			
114		4,475	0,8456	3,223	Global			
115		4,475	0,6134	3,232	Global			
116		4,475	1,295	3,293	Global			
117		4,475	1,090	3,284	Global			
118		4,475	1,363	3,296	Global			
119		4,475	0,2763	3,174	Global			
120		4,475	0,1913	3,154	Global			
121		4,475	0,7490	3,250	Global			
122		4,475	0,6812	3,241	Global			
123		4,475	0,1083	3,135	Global			
124		4,475	0,0	3,110	Global			
125		4,475	0,05871	3,124	Global			
126		4,475	1,021	3,278	Global			
127		4,201	0,0	2,868	Global			
128		4,279	0,0	1,668	Global			
129		4,334	0,0	0,8060	Global			
130		3,772	0,0	4,498	Global			
131		2,636	0,0	5,316	Global			
132		1,349	0,0	5,819	Global			
133		2,457	0,0	4,966	Global			
134		3,455	0,0	4,158	Global			
135		1,271	0,0	5,509	Global			
136		4,335	0,0	3,888	Global			
137		4,141	0,0	4,116	Global			
138		3,937	0,0	4,338	Global			
139		3,502	0,0	4,732	Global			
140		3,230	0,0	4,943	Global			
141		2,944	0,0	5,134	Global			
142		2,320	0,0	5,472	Global			
143		2,006	0,0	5,607	Global			
144		1,686	0,0	5,720	Global			
145		1,010	0,0	5,891	Global			
146		0,6800	0,0	5,945	Global			
147		0,3465	0,0	5,975	Global			
148		3,596	0,0	3,431	Global			
149		3,795	0,0	3,739	Global			
150		3,623	0,0	3,961	Global			
151		3,221	0,0	4,393	Global			
152		2,984	0,0	4,606	Global			
153		2,731	0,0	4,800	Global			
154		2,169	0,0	5,146	Global			
155		1,882	0,0	5,288	Global			

Node	Name	x [m]	y [m]	z [m]	Constraint Axis	Restr.	Gen. Restr.	Spring Support
156		1,586	0,0	5,406	Global			
157		0,9520	0,0	5,587	Global			
158		0,6350	0,0	5,643	Global			
159		0,3280	0,0	5,674	Global			
160		-4,386	0,0	0,0	Global			
161		-4,107	0,0	3,109	Global			
162		-4,475	0,0	2,666	Global			
163		-4,220	0,0	2,581	Global			
164		-4,475	0,0	0,0	Global			
165		-4,475	0,0	3,681	Global			
166		-4,475	0,0	1,669	Global			
167		-4,475	0,0	0,8000	Global			
168		-7,545	0,0	2,660	Global			
169		-7,208	0,0	2,738	Global			
170		-7,678	0,0	2,950	Global			
171		-6,567	0,0	2,865	Global			
172		-6,183	0,0	2,928	Global			
173		-5,839	0,0	2,976	Global			
174		-5,494	0,0	3,016	Global			
175		-5,149	0,0	3,048	Global			
176		-4,805	0,0	3,072	Global			
177		-8,825	0,0	2,666	Global			
178		-5,590	0,0	3,427	Global			
179		-8,141	0,0	2,501	Global			
180		-7,876	0,0	2,575	Global			
181		-8,207	0,0	2,482	Global			
182		-8,532	0,0	2,364	Global			
183		-4,475	0,0	3,066	Global			
184		-4,870	0,0	3,061	Global			
185		-6,866	0,0	2,809	Global			
186		-7,592	0,0	2,646	Global			
187		-6,527	0,0	2,872	Global			
188		-6,636	0,0	3,187	Global			
189		-5,521	0,0	3,013	Global			
190		-8,825	2,911	2,318	Global			
191		-8,825	3,000	2,306	Global			
192		-8,825	3,000	2,686	Global			
193		-8,825	2,386	2,419	Global			
194		-8,825	2,454	2,410	Global			
195		-8,825	2,318	2,427	Global			
196		-8,825	2,250	2,436	Global			
197		-8,825	2,182	2,444	Global			
198		-8,825	2,656	2,376	Global			
199		-8,825	2,589	2,387	Global			
200		-8,825	2,521	2,399	Global			
201		-8,825	2,723	2,365	Global			
202		-8,825	2,808	2,347	Global			
203		-8,825	2,892	2,329	Global			
204		-8,825	1,910	2,467	Global			
205		-8,825	1,774	2,473	Global			
206		-8,825	1,637	2,479	Global			
207		-8,825	1,501	2,479	Global			
208		-8,825	1,501	2,688	Global			
209		-8,825	0,0	2,268	Global			
210		-8,825	0,0	1,068	Global			
211		-9,038	0,0	1,070	Global			
212		-9,068	0,0	2,502	Global			
213		-9,113	0,0	2,447	Global			
214		-9,125	0,0	2,268	Global			
215		-9,006	0,0	2,398	Global			
216		-9,052	0,0	2,553	Global			
217		-8,821	0,0	2,667	Global			
218		-8,952	0,0	2,637	Global			
219		-8,129	0,0	2,330	Global			
220		-8,826	0,0	0,0	Global			
221		-9,126	0,0	2,389	Global			
222		-4,475	2,118	3,266	Global			
223		-4,475	2,047	3,272	Global			
224		-8,825	0,0	0,0	Global			
225		-4,475	2,183	3,259	Global			
226		-4,475	1,842	3,287	Global			
227		-4,475	1,774	3,293	Global			
228		-4,475	2,454	3,223	Global			
229		-4,475	2,387	3,232	Global			
230		-4,475	1,705	3,293	Global			
231		-4,475	1,910	3,264	Global			
232		-4,475	1,637	3,296	Global			
233		-4,475	2,251	3,250	Global			
234		-4,475	2,319	3,241	Global			
235		-4,475	2,892	3,135	Global			
236		-4,475	2,809	3,154	Global			
237		-4,475	2,724	3,174	Global			
238		-4,475	3,000	3,110	Global			
239		-4,475	2,941	3,124	Global			
240		-4,475	1,979	3,276	Global			
241		-4,475	1,200	3,681	Global			
242		-4,475	1,500	3,296	Global			
243		-4,475	3,000	3,681	Global			
244		-8,825	0,05969	2,318	Global			
245		-8,825	0,0	2,306	Global			
246		-8,825	0,6152	2,419	Global			
247		-8,825	0,5474	2,410	Global			
248		-8,825	0,6830	2,427	Global			
249		-8,825	0,7508	2,436	Global			
250		-8,825	0,8185	2,444	Global			
251		-8,825	0,3450	2,376	Global			
252		-8,825	0,4118	2,367	Global			
253		-8,825	0,4796	2,399	Global			
254		-8,825	0,2782	2,365	Global			
255		-8,825	0,1933	2,347	Global			
256		-8,825	0,1093	2,329	Global			
257		-8,825	1,091	2,467	Global			
258		-8,825	1,227	2,473	Global			
259		-8,825	1,364	2,479	Global			
260		-4,475	0,8846	3,266	Global			
261		-4,475	0,9534	3,272	Global			
262		-4,475	0,8168	3,259	Global			
263		-4,475	1,158	3,287	Global			
264		-4,475	1,227	3,280	Global			
265		-4,475	0,5456	3,223	Global			
266		-4,475	0,6134	3,232	Global			
267		-4,475	1,295	3,293	Global			
268		-4,475	1,090	3,264	Global			
269		-4,475	1,363	3,296	Global			
270		-4,475	0,2763	3,174	Global			
271		-4,475	0,1913	3,154	Global			
272		-4,475	0,7490	3,250	Global			
273		-4,475	0,6812	3,241	Global			
274		-4,475	0,1063	3,135	Global			
275		-4,475	0,0	3,110	Global			
276		-4,475	0,05671	3,124	Global			
277		-4,475	1,021	3,278	Global			
278		-4,201	0,0	2,868	Global			
279		-4,279	0,0	1,668	Global			
280		-4,334	0,0	0,8060	Global			
281		-3,772	0,0	4,498	Global			
282		-2,636	0,0	5,316	Global			
283		-1,349	0,0	5,819	Global			
284		-2,457	0,0	4,906	Global			
285		-3,458	0,0	4,158	Global			

Node	Name	x [m]	y [m]	z [m]	Constraint Axis	Restr.	Gen. Restr.	Spring Support
286		-1,271	0,0	5,509	Global			
287		-4,335	0,0	3,888	Global			
288		-4,141	0,0	4,118	Global			
289		-3,937	0,0	4,338	Global			
290		-3,502	0,0	4,732	Global			
291		-3,230	0,0	4,943	Global			
292		-2,944	0,0	5,134	Global			
293		-2,320	0,0	5,472	Global			
294		-2,008	0,0	5,607	Global			
295		-1,688	0,0	5,720	Global			
296		-1,010	0,0	5,891	Global			
297		-0,6800	0,0	5,945	Global			
298		-0,3465	0,0	5,975	Global			
299		-3,359	0,0	3,431	Global			
300		-3,785	0,0	3,739	Global			
301		-3,623	0,0	3,961	Global			
302		-3,221	0,0	4,393	Global			
303		-2,994	0,0	4,606	Global			
304		-2,731	0,0	4,800	Global			
305		-2,168	0,0	5,148	Global			
306		-1,882	0,0	5,288	Global			
307		-1,586	0,0	5,406	Global			
308		-0,9520	0,0	5,587	Global			
309		-0,6350	0,0	5,643	Global			
310		-0,3260	0,0	5,674	Global			
311		3,772	3,000	4,496	Global			
312		1,349	3,000	5,819	Global			
313		-3,772	3,000	4,496	Global			
314		-1,349	3,000	5,819	Global			
315		4,431	0,0	0,0	Global	x y z zz		
316		0,875	0,0	0,0	Global	x y z zz		
317		-4,431	0,0	0,0	Global	x y z zz		
318		-0,875	0,0	0,0	Global	x y z zz		
328		7,678	3,000	2,950	Global			
335		5,590	3,000	3,427	Global			
345		6,638	3,000	3,187	Global			
350		9,088	3,000	2,502	Global			
351		9,113	3,000	2,447	Global			
352		9,125	3,000	2,288	Global			
353		9,006	3,000	2,598	Global			
354		9,052	3,000	2,553	Global			
355		8,891	3,000	2,667	Global			
356		8,952	3,000	2,637	Global			
357		9,129	3,000	2,330	Global			
358		8,926	3,000	0,0	Global			
359		9,126	3,000	2,389	Global			
364		2,636	3,000	5,316	Global			
368		4,335	3,000	3,888	Global			
369		4,141	3,000	4,118	Global			
370		3,937	3,000	4,338	Global			
371		3,502	3,000	4,732	Global			
372		3,230	3,000	4,943	Global			
373		2,944	3,000	5,134	Global			
374		2,320	3,000	5,472	Global			
375		2,008	3,000	5,607	Global			
376		1,688	3,000	5,720	Global			
377		1,010	3,000	5,891	Global			
378		0,6800	3,000	5,945	Global			
379		0,3465	3,000	5,975	Global			
401		-7,676	3,000	2,950	Global			
408		-5,590	3,000	3,427	Global			
410		-6,638	3,000	3,187	Global			
423		-9,088	3,000	2,502	Global			
424		-9,113	3,000	2,447	Global			
425		-9,125	3,000	2,288	Global			
426		-9,006	3,000	2,598	Global			
427		-9,052	3,000	2,553	Global			
428		-8,891	3,000	2,667	Global			
429		-8,952	3,000	2,637	Global			
430		-9,129	3,000	2,330	Global			
431		-8,926	3,000	0,0	Global			
432		-9,126	3,000	2,389	Global			
437		-2,636	3,000	5,316	Global			
441		-4,335	3,000	3,888	Global			
442		-4,141	3,000	4,118	Global			
443		-3,937	3,000	4,338	Global			
444		-3,502	3,000	4,732	Global			
445		-3,230	3,000	4,943	Global			
446		-2,944	3,000	5,134	Global			
447		-2,320	3,000	5,472	Global			
448		-2,008	3,000	5,607	Global			
449		-1,688	3,000	5,720	Global			
450		-1,010	3,000	5,891	Global			
451		-0,6800	3,000	5,945	Global			
452		-0,3465	3,000	5,975	Global			
469		-9,037	0,0	1,068	Global			
470		-9,037	3,000	1,068	Global			
471		9,037	3,000	1,068	Global			
472		9,037	0,0	1,068	Global			
473		0,0	6,000	6,000	Global			
481		8,825	6,000	2,688	Global			
518		4,475	6,000	3,681	Global			
553		-8,825	6,000	2,688	Global			
590		-4,475	6,000	3,681	Global			
623		3,772	6,000	4,496	Global			
624		1,349	6,000	5,819	Global			
625		-3,772	6,000	4,496	Global			
626		-1,349	6,000	5,819	Global			
636		7,678	6,000	2,950	Global			
643		5,590	6,000	3,427	Global			
653		6,638	6,000	3,187	Global			
658		9,088	6,000	2,502	Global			
659		9,113	6,000	2,447	Global			
660		9,125	6,000	2,288	Global			
661		9,006	6,000	2,598	Global			
662		9,052	6,000	2,553	Global			
663		8,891	6,000	2,667	Global			
664		8,952	6,000	2,637	Global			
665		9,129	6,000	2,330	Global			
666		8,926	6,000	0,0	Global			
667		9,126	6,000	2,389	Global			
672		2,636	6,000	5,316	Global			
676		4,335	6,000	3,888	Global			
677		4,141	6,000	4,118	Global			
678		3,937	6,000	4,338	Global			
679		3,502	6,000	4,732	Global			
680		3,230	6,000	4,943	Global			
681		2,944	6,000	5,134	Global			
682		2,320	6,000	5,472	Global			
683		2,008	6,000	5,607	Global			
684		1,688	6,000	5,720	Global			
685		1,010	6,000	5,891	Global			
686		0,6800	6,000	5,945	Global			
687		0,3465	6,000	5,975	Global			
708		-7,676	6,000	2,950	Global			
716		-5,590	6,000	3,427	Global			

Node	Name	x [m]	y [m]	z [m]	Constraint Axis	Restr.	Gen. Restr.	Spring Support
726		-6,638	6,000	3,187	Global			
731		-9,088	6,000	2,502	Global			
732		-9,113	6,000	2,447	Global			
733		-9,125	6,000	2,288	Global			
734		-9,006	6,000	2,598	Global			
735		-9,052	6,000	2,553	Global			
736		-8,891	6,000	2,667	Global			
737		-8,952	6,000	2,637	Global			
738		-9,129	6,000	2,330	Global			
739		-8,926	6,000	0,0	Global			
740		-9,126	6,000	2,389	Global			
745		-2,636	6,000	5,316	Global			
749		-4,335	6,000	3,888	Global			
750		-4,141	6,000	4,118	Global			
751		-3,937	6,000	4,336	Global			
752		-3,502	6,000	4,732	Global			
753		-3,230	6,000	4,943	Global			
754		-2,944	6,000	5,134	Global			
755		-2,320	6,000	5,472	Global			
756		-2,008	6,000	5,607	Global			
757		-1,688	6,000	5,720	Global			
758		-1,010	6,000	5,891	Global			
759		-0,6800	6,000	5,945	Global			
760		-0,3465	6,000	5,975	Global			
777		-9,037	6,000	1,068	Global			
778		9,037	6,000	1,068	Global			
779		0,0	9,000	6,000	Global			
787		8,825	9,000	2,688	Global			
824		4,475	9,000	3,681	Global			
859		-8,825	9,000	2,688	Global			
896		-4,475	9,000	3,681	Global			
929		3,772	9,000	4,498	Global			
930		1,349	9,000	5,819	Global			
931		-3,772	9,000	4,496	Global			
932		-1,349	9,000	5,819	Global			
942		7,678	9,000	2,950	Global			
949		5,590	9,000	3,427	Global			
959		6,638	9,000	3,187	Global			
964		9,088	9,000	2,502	Global			
965		9,113	9,000	2,447	Global			
966		9,125	9,000	2,288	Global			
967		9,006	9,000	2,598	Global			
968		9,052	9,000	2,553	Global			
969		8,891	9,000	2,667	Global			
970		8,952	9,000	2,637	Global			
971		9,129	9,000	2,330	Global			
972		8,926	9,000	0,0	Global			
973		9,126	9,000	2,389	Global			
978		2,636	9,000	5,316	Global			
982		4,335	9,000	3,888	Global			
983		4,141	9,000	4,118	Global			
984		3,937	9,000	4,336	Global			
985		3,502	9,000	4,732	Global			
986		3,230	9,000	4,943	Global			
987		2,944	9,000	5,134	Global			
988		2,320	9,000	5,472	Global			
989		2,008	9,000	5,607	Global			
990		1,688	9,000	5,720	Global			
991		1,010	9,000	5,891	Global			
992		0,6800	9,000	5,945	Global			
993		0,3465	9,000	5,975	Global			
1015		-7,678	9,000	2,950	Global			
1022		-5,590	9,000	3,427	Global			
1032		-6,638	9,000	3,187	Global			
1037		-9,088	9,000	2,502	Global			
1038		-9,113	9,000	2,447	Global			
1039		-9,125	9,000	2,288	Global			
1040		-9,006	9,000	2,598	Global			
1041		-9,052	9,000	2,553	Global			
1042		-8,891	9,000	2,667	Global			
1043		-8,952	9,000	2,637	Global			
1044		-9,129	9,000	2,330	Global			
1045		-8,926	9,000	0,0	Global			
1046		-9,126	9,000	2,389	Global			
1051		-2,636	9,000	5,316	Global			
1055		-4,335	9,000	3,888	Global			
1056		-4,141	9,000	4,118	Global			
1057		-3,937	9,000	4,336	Global			
1058		-3,502	9,000	4,732	Global			
1059		-3,230	9,000	4,943	Global			
1060		-2,944	9,000	5,134	Global			
1061		-2,320	9,000	5,472	Global			
1062		-2,008	9,000	5,607	Global			
1063		-1,688	9,000	5,720	Global			
1064		-1,010	9,000	5,891	Global			
1065		-0,6800	9,000	5,945	Global			
1066		-0,3465	9,000	5,975	Global			
1083		-9,037	9,000	1,068	Global			
1084		9,037	9,000	1,068	Global			
1085		0,0	12,00	6,000	Global			
1086		0,0	10,50	6,000	Global			
1093		8,825	12,00	2,688	Global			
1130		4,475	12,00	3,681	Global			
1165		-8,825	12,00	2,688	Global			
1202		-4,475	12,00	3,681	Global			
1235		3,772	12,00	4,498	Global			
1236		1,349	12,00	5,819	Global			
1237		-3,772	12,00	4,498	Global			
1238		-1,349	12,00	5,819	Global			
1248		7,678	12,00	2,950	Global			
1255		5,590	12,00	3,427	Global			
1265		6,638	12,00	3,187	Global			
1270		9,088	12,00	2,502	Global			
1271		9,113	12,00	2,447	Global			
1272		9,125	12,00	2,288	Global			
1273		9,006	12,00	2,598	Global			
1274		9,052	12,00	2,553	Global			
1275		8,891	12,00	2,667	Global			
1276		8,952	12,00	2,637	Global			
1277		9,129	12,00	2,330	Global			
1278		8,926	12,00	0,0	Global			
1279		9,126	12,00	2,389	Global			
1284		2,636	12,00	5,316	Global			
1288		4,335	12,00	3,888	Global			
1289		4,141	12,00	4,118	Global			
1290		3,937	12,00	4,336	Global			
1291		3,502	12,00	4,732	Global			
1292		3,230	12,00	4,943	Global			
1293		2,944	12,00	5,134	Global			
1294		2,320	12,00	5,472	Global			
1295		2,008	12,00	5,607	Global			
1296		1,688	12,00	5,720	Global			
1297		1,010	12,00	5,891	Global			
1298		0,6800	12,00	5,945	Global			
1299		0,3465	12,00	5,975	Global			
1321		-7,678	12,00	2,950	Global			
1328		-5,590	12,00	3,427	Global			
1338		-6,638	12,00	3,187	Global			
1343		-9,088	12,00	2,502	Global			
1344		-9,113	12,00	2,447	Global			

Node	Name	x [m]	y [m]	z [m]	Constraint Axis	Restr.	Gen. Restr.	Spring Support
1345		-9,125	12,00	2,268	Global			
1346		-9,006	12,00	2,598	Global			
1347		-9,052	12,00	2,553	Global			
1348		-8,891	12,00	2,667	Global			
1349		-8,952	12,00	2,637	Global			
1350		-9,129	12,00	2,330	Global			
1351		-8,926	12,00	0,0	Global			
1352		-9,126	12,00	2,389	Global			
1357		-2,636	12,00	5,316	Global			
1361		-4,335	12,00	3,888	Global			
1362		-4,141	12,00	4,110	Global			
1363		-3,937	12,00	4,338	Global			
1364		-3,502	12,00	4,732	Global			
1365		-3,230	12,00	4,943	Global			
1366		-2,944	12,00	5,134	Global			
1367		-2,320	12,00	5,472	Global			
1368		-2,008	12,00	5,607	Global			
1369		-1,688	12,00	5,720	Global			
1370		-1,010	12,00	5,891	Global			
1371		-0,6800	12,00	5,945	Global			
1372		-0,3465	12,00	5,975	Global			
1389		-9,037	12,00	1,068	Global			
1390		9,037	12,00	1,068	Global			
1391		0,0	15,00	6,000	Global			
1399		8,825	15,00	2,688	Global			
1436		4,475	15,00	3,681	Global			
1471		-8,825	15,00	2,688	Global			
1508		-4,475	15,00	3,681	Global			
1541		3,772	15,00	4,496	Global			
1542		1,348	15,00	5,819	Global			
1543		-3,772	15,00	4,496	Global			
1544		-1,348	15,00	5,819	Global			
1554		7,678	15,00	2,950	Global			
1561		5,590	15,00	3,427	Global			
1571		6,638	15,00	3,187	Global			
1576		9,088	15,00	2,502	Global			
1577		9,113	15,00	2,447	Global			
1578		9,125	15,00	2,268	Global			
1579		9,006	15,00	2,598	Global			
1580		9,052	15,00	2,553	Global			
1581		8,891	15,00	2,667	Global			
1582		8,952	15,00	2,637	Global			
1583		9,129	15,00	2,330	Global			
1584		8,926	15,00	0,0	Global			
1585		9,126	15,00	2,389	Global			
1590		2,636	15,00	5,316	Global			
1594		4,335	15,00	3,888	Global			
1595		4,141	15,00	4,110	Global			
1596		3,937	15,00	4,338	Global			
1597		3,502	15,00	4,732	Global			
1598		3,230	15,00	4,943	Global			
1599		2,944	15,00	5,134	Global			
1600		2,320	15,00	5,472	Global			
1601		2,008	15,00	5,607	Global			
1602		1,688	15,00	5,720	Global			
1603		1,010	15,00	5,891	Global			
1604		0,6800	15,00	5,945	Global			
1605		0,3465	15,00	5,975	Global			
1627		-7,678	15,00	2,950	Global			
1634		-5,590	15,00	3,427	Global			
1644		-6,638	15,00	3,187	Global			
1649		-9,088	15,00	2,502	Global			
1650		-9,113	15,00	2,447	Global			
1651		-9,125	15,00	2,268	Global			
1652		-9,006	15,00	2,598	Global			
1653		-9,052	15,00	2,553	Global			
1654		-8,891	15,00	2,667	Global			
1655		-8,952	15,00	2,637	Global			
1656		-9,129	15,00	2,330	Global			
1657		-8,926	15,00	0,0	Global			
1658		-9,126	15,00	2,389	Global			
1663		-2,636	15,00	5,316	Global			
1667		-4,335	15,00	3,888	Global			
1668		-4,141	15,00	4,110	Global			
1669		-3,937	15,00	4,338	Global			
1670		-3,502	15,00	4,732	Global			
1671		-3,230	15,00	4,943	Global			
1672		-2,944	15,00	5,134	Global			
1673		-2,320	15,00	5,472	Global			
1674		-2,008	15,00	5,607	Global			
1675		-1,688	15,00	5,720	Global			
1676		-1,010	15,00	5,891	Global			
1677		-0,6800	15,00	5,945	Global			
1678		-0,3465	15,00	5,975	Global			
1695		-9,037	15,00	1,068	Global			
1696		9,037	15,00	1,068	Global			
1697		0,0	18,00	6,000	Global			
1705		8,825	18,00	2,688	Global			
1742		4,475	18,00	3,681	Global			
1777		-8,825	18,00	2,688	Global			
1814		-4,475	18,00	3,681	Global			
1847		3,772	18,00	4,496	Global			
1848		1,348	18,00	5,819	Global			
1849		-3,772	18,00	4,496	Global			
1850		-1,348	18,00	5,819	Global			
1860		7,678	18,00	2,950	Global			
1867		5,590	18,00	3,427	Global			
1877		6,638	18,00	3,187	Global			
1882		9,088	18,00	2,502	Global			
1883		9,113	18,00	2,447	Global			
1884		9,125	18,00	2,268	Global			
1885		9,006	18,00	2,598	Global			
1886		9,052	18,00	2,553	Global			
1887		8,891	18,00	2,667	Global			
1888		8,952	18,00	2,637	Global			
1889		9,129	18,00	2,330	Global			
1890		8,926	18,00	0,0	Global			
1891		9,126	18,00	2,389	Global			
1896		2,636	18,00	5,316	Global			
1900		4,335	18,00	3,888	Global			
1901		4,141	18,00	4,110	Global			
1902		3,937	18,00	4,338	Global			
1903		3,502	18,00	4,732	Global			
1904		3,230	18,00	4,943	Global			
1905		2,944	18,00	5,134	Global			
1906		2,320	18,00	5,472	Global			
1907		2,008	18,00	5,607	Global			
1908		1,688	18,00	5,720	Global			
1909		1,010	18,00	5,891	Global			
1910		0,6800	18,00	5,945	Global			
1911		0,3465	18,00	5,975	Global			
1933		-7,678	18,00	2,950	Global			
1940		-5,590	18,00	3,427	Global			
1950		-6,638	18,00	3,187	Global			
1955		-9,088	18,00	2,502	Global			
1956		-9,113	18,00	2,447	Global			
1957		-9,125	18,00	2,268	Global			
1958		-9,006	18,00	2,598	Global			
1959		-9,052	18,00	2,553	Global			
1960		-8,891	18,00	2,667	Global			

Oasys

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 09-mei-2016	Checked

Node	Name	x [m]	y [m]	z [m]	Constraint Axis	Restr.	Gen. Restr.	Spring Support
1961		-8,952	18,00	2,637	Global			
1962		-9,129	18,00	2,330	Global			
1963		-8,926	18,00	0,0	Global			
1964		-9,126	18,00	2,369	Global			
1969		-2,636	18,00	5,316	Global			
1973		-4,335	18,00	3,888	Global			
1974		-4,141	18,00	4,118	Global			
1975		-3,937	18,00	4,338	Global			
1976		-3,502	18,00	4,732	Global			
1977		-3,230	18,00	4,943	Global			
1978		-2,944	18,00	5,134	Global			
1979		-2,320	18,00	5,472	Global			
1980		-2,006	18,00	5,607	Global			
1981		-1,688	18,00	5,720	Global			
1982		-1,010	18,00	5,891	Global			
1983		-0,6800	18,00	5,945	Global			
1984		-0,3465	18,00	5,975	Global			
2001		-8,037	18,00	1,066	Global			
2002		8,037	18,00	1,066	Global			
2003		0,0	21,00	6,000	Global			
2010		8,825	21,00	2,306	Global			
2011		8,825	21,00	2,688	Global			
2048		4,475	21,00	3,681	Global			
2082		-8,825	21,00	2,306	Global			
2083		-8,825	21,00	2,688	Global			
2120		-4,475	21,00	3,681	Global			
2153		3,772	21,00	4,496	Global			
2154		1,349	21,00	5,819	Global			
2155		-3,772	21,00	4,496	Global			
2156		-1,349	21,00	5,819	Global			
2157		4,386	21,00	0,0	Global			
2161		4,475	21,00	0,0	Global			
2166		7,678	21,00	2,950	Global			
2173		5,590	21,00	3,427	Global			
2183		6,638	21,00	3,187	Global			
2185		8,825	21,00	2,288	Global			
2186		8,825	21,00	1,066	Global			
2188		9,088	21,00	2,502	Global			
2189		9,113	21,00	2,447	Global			
2190		9,125	21,00	2,288	Global			
2191		9,006	21,00	2,598	Global			
2192		9,052	21,00	2,553	Global			
2193		8,891	21,00	2,667	Global			
2194		8,952	21,00	2,637	Global			
2195		9,129	21,00	2,330	Global			
2196		8,926	21,00	0,0	Global			
2197		9,126	21,00	2,369	Global			
2198		8,825	21,00	0,0	Global			
2202		2,636	21,00	5,316	Global			
2206		4,335	21,00	3,888	Global			
2207		4,141	21,00	4,118	Global			
2208		3,937	21,00	4,338	Global			
2209		3,502	21,00	4,732	Global			
2210		3,230	21,00	4,943	Global			
2211		2,944	21,00	5,134	Global			
2212		2,320	21,00	5,472	Global			
2213		2,006	21,00	5,607	Global			
2214		1,688	21,00	5,720	Global			
2215		1,010	21,00	5,891	Global			
2216		0,6800	21,00	5,945	Global			
2217		0,3465	21,00	5,975	Global			
2230		-4,386	21,00	0,0	Global			
2234		-4,475	21,00	0,0	Global			
2239		-7,678	21,00	2,950	Global			
2246		-5,590	21,00	3,427	Global			
2256		-6,638	21,00	3,187	Global			
2258		-8,825	21,00	2,288	Global			
2259		-8,825	21,00	1,068	Global			
2261		-9,088	21,00	2,502	Global			
2262		-9,113	21,00	2,447	Global			
2263		-9,125	21,00	2,288	Global			
2264		-9,006	21,00	2,598	Global			
2265		-9,052	21,00	2,553	Global			
2266		-8,891	21,00	2,667	Global			
2267		-8,952	21,00	2,637	Global			
2268		-9,129	21,00	2,330	Global			
2269		-8,926	21,00	0,0	Global			
2270		-9,126	21,00	2,369	Global			
2271		-8,825	21,00	0,0	Global			
2275		-2,636	21,00	5,316	Global			
2279		-4,335	21,00	3,888	Global			
2280		-4,141	21,00	4,118	Global			
2281		-3,937	21,00	4,338	Global			
2282		-3,502	21,00	4,732	Global			
2283		-3,230	21,00	4,943	Global			
2284		-2,944	21,00	5,134	Global			
2285		-2,320	21,00	5,472	Global			
2286		-2,006	21,00	5,607	Global			
2287		-1,688	21,00	5,720	Global			
2288		-1,010	21,00	5,891	Global			
2289		-0,6800	21,00	5,945	Global			
2290		-0,3465	21,00	5,975	Global			
2307		-8,037	21,00	1,066	Global			
2308		8,037	21,00	1,066	Global			
2310		-6,500	0,0	0,0	Global			
2311		-6,500	0,0	3,219	Global			
2316		-6,500	21,00	0,0	Global			
2317		-6,500	21,00	3,219	Global			
2321		-8,125	1,200	2,288	Global			
2322		-9,129	1,200	2,330	Global			
2323		-8,126	1,200	2,369	Global			
2324		-8,113	1,200	2,447	Global			
2325		-8,088	1,200	2,502	Global			
2326		-8,052	1,200	2,553	Global			
2327		-8,006	1,200	2,598	Global			
2328		-8,852	1,200	2,637	Global			
2329		-8,891	1,200	2,667	Global			
2330		-8,825	1,200	2,688	Global			
2331		-7,678	1,200	2,950	Global			
2332		-6,638	1,200	3,187	Global			
2333		-5,590	1,200	3,427	Global			
2334		-4,335	1,200	3,888	Global			
2335		-4,141	1,200	4,118	Global			
2336		-3,937	1,200	4,338	Global			
2337		-3,772	1,200	4,496	Global			
2338		-3,502	1,200	4,732	Global			
2339		-3,230	1,200	4,943	Global			
2340		-2,944	1,200	5,134	Global			
2341		-2,636	1,200	5,316	Global			
2342		-2,320	1,200	5,472	Global			
2343		-2,006	1,200	5,607	Global			
2344		-1,688	1,200	5,720	Global			
2345		-1,349	1,200	5,819	Global			
2346		-1,010	1,200	5,891	Global			
2347		-0,6800	1,200	5,945	Global			
2348		-0,3465	1,200	5,975	Global			
2349		9,125	1,200	2,288	Global			
2350		9,129	1,200	2,330	Global			
2351		9,126	1,200	2,369	Global			
2352		9,113	1,200	2,447	Global			