



BILFINGER

ZÁKAZNÍK: Severočeská teplárenská, a.s.

INVESTOR: Severočeská teplárenská, a.s.

**PROJEKT: REKONSTRUKCE TEPELNÉHO NAPÁJEČE LITVÍNOV, ÚSEK
SEKČNÍ UZÁVĚRY SU 3 – SEKČNÍ UZÁVĚRY SU10**

STUPEŇ: PROJEKTOVÁ DOKUMENTACE PRO PROVÁDĚNÍ STAVBY

OBJEKT: PS05 – ETAPA 3

D DOKUMENTACE OBJEKTŮ A TECHNICKÝCH A TECHNOLOGICKÝCH ZAŘÍZENÍ

D. 2 DOKUMENTACE TECHNICKÝCH A TECHNOLOGICKÝCH ZAŘÍZENÍ

D. 2.1 DPS 02.5 – TEPELNÝ NAPÁJEČ

VÝPOČET TEPELNÉ ROZTAŽNOSTI A DILATACE ET-HVP-400-01001-CS

Engineering & Technologies

Bilfinger Tebodin Czech Republic, s.r.o.

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ET03-HVP-400-03001-CS
11/16/2018 ET03-HVP-400-03001-CS
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AUTOPIPE SYSTEM INFORMATION

SYSTEM NAME : ET03-HVP-400-03001-CS

PROJECT ID : ET03-HVP-400-03001-CS

PREPARED BY : _____
MICHAL CELADNIK

CHECKED BY : _____

1ST APPROVER : _____

2ND APPROVER : _____

PIPING CODE : ASME B31.3

YEAR : 2016

VERTICAL AXIS : Z

AMBIENT TEMPERATURE : 21.1 deg C

COMPONENT LIBRARY : AUTOPIPE

MATERIAL LIBRARY : B313-16

MODEL REVISION NUMBER : 22

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D I S P L A C E M E N T S

Point	Load	TRANSLATIONS (mm)			
ROTATIONS (deg)					
name	combination	X	Y	Z	X
Y	Z				
-----	-----	-----	-----	-----	-----
-----	-----				
*** Segment A begin ***					
1	Gravity{1}	0.000	0.000	0.000	0.000
0.000	0.000				
	T1+GR1+P1	0.000	0.000	0.000	0.000
0.000	0.000				
2	Gravity{1}	0.002	0.000	0.000	-0.013 -
0.025	0.000				
	T1+GR1+P1	-8.889	0.316	0.070	-0.010 -
0.026	-0.003				
3	Gravity{1}	0.005	-0.012	0.000	-0.036
0.017	0.000				
	T1+GR1+P1	-26.607	3.030	0.000	-0.027
0.021	-0.012				
4	Gravity{1}	0.008	0.000	0.000	-0.058 -
0.008	0.000				
	T1+GR1+P1	-42.999	1.605	1.158	-0.044 -
0.009	0.055				
5	Gravity{1}	0.018	0.244	0.000	-0.079
0.019	0.001				
	T1+GR1+P1	-60.221	-3.555	0.000	-0.067
0.008	-0.080				
7 N	Gravity{1}	0.019	0.260	0.030	-0.083 -
0.002	0.001				
	T1+GR1+P1	-62.475	-0.567	-0.196	-0.072 -
0.012	-0.142				
7 M	Gravity{1}	0.015	0.265	-0.513	-0.082 -
0.004	0.001				
	T1+GR1+P1	-61.830	3.095	-0.784	-0.074 -
0.012	-0.410				
7 F	Gravity{1}	0.008	0.261	-1.362	-0.053
0.009	0.001				

		T1+GR1+P1	-55.669	6.405	-1.604	-0.050	
0.000		-0.648					
9	N	Gravity{1}	-0.054	0.249	-3.273	0.009	
0.041		0.001					
		T1+GR1+P1	0.335	11.744	-3.405	0.010	
0.037		-0.639					
9	M	Gravity{1}	-0.062	0.247	-2.706	0.042	
0.055		0.001					
		T1+GR1+P1	6.260	14.949	-2.854	0.042	
0.052		-0.379					
9	F	Gravity{1}	-0.056	0.232	-1.759	0.045	
0.055		0.001					
		T1+GR1+P1	6.702	18.088	-1.903	0.049	
0.056		-0.089					
10		Gravity{1}	-0.032	0.168	0.000	0.041	-
0.003		0.001					
		T1+GR1+P1	2.634	19.593	0.000	0.042	
0.000		0.022					
12	N	Gravity{1}	-0.063	0.105	-1.880	0.036	-
0.062		0.001					
		T1+GR1+P1	-1.671	16.343	-1.680	0.036	-
0.059		0.134					
12	M	Gravity{1}	-0.072	0.089	-2.862	0.032	-
0.064		0.001					
		T1+GR1+P1	-1.265	12.573	-2.619	0.035	-
0.061		0.432					
12	F	Gravity{1}	-0.067	0.083	-3.377	-0.003	-
0.048		0.001					
		T1+GR1+P1	5.063	8.618	-3.143	-0.001	-
0.044		0.698					
14	N	Gravity{1}	0.001	0.081	-0.721	-0.063	-
0.018		0.001					
		T1+GR1+P1	64.260	-1.028	-0.639	-0.062	-
0.017		0.701					

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D I S P L A C E M E N T S

Point	Load	TRANSLATIONS (mm)			
ROTATIONS (deg)					
name	combination	X	Y	Z	X
Y	Z				
14 M	Gravity{1}	0.010	0.079	0.164	-0.090
0.005	0.001				
	T1+GR1+P1	70.669	-5.018	0.239	-0.089
0.005	0.442				
14 F	Gravity{1}	0.014	0.074	0.519	-0.090
0.013	0.001				
	T1+GR1+P1	71.142	-8.943	0.581	-0.090
0.016	0.151				
15	Gravity{1}	0.011	0.067	0.000	-0.088
0.032	0.001				
	T1+GR1+P1	68.927	-11.626	0.000	-0.088
0.035	0.090				
16	Gravity{1}	0.008	0.000	0.000	-0.063
0.015	0.001				
	T1+GR1+P1	50.961	-1.969	-0.685	-0.062
0.015	-0.069				
17	Gravity{1}	0.007	0.031	0.000	-0.041
0.001	0.000				
	T1+GR1+P1	33.563	1.735	0.000	-0.040
0.002	0.016				
18	Gravity{1}	0.005	0.000	0.000	-0.020
0.001	0.000				
	T1+GR1+P1	16.629	-0.593	-0.407	-0.020
0.001	0.008				
19	Gravity{1}	0.000	0.000	0.000	0.000
0.000	0.000				
	T1+GR1+P1	0.000	0.000	0.000	0.000
0.000	0.000				
20	Gravity{1}	0.003	-0.001	0.000	-0.015
0.008	0.000				
	T1+GR1+P1	-15.214	0.277	0.000	-0.013
0.007	0.002				

21	Gravity{1}	0.007	0.000	0.000	-0.032	-
0.002	0.000					
	T1+GR1+P1	-32.696	1.178	0.424	-0.028	-
0.005	-0.009					
22	Gravity{1}	0.009	-0.007	0.000	-0.048	
0.014	0.001					
	T1+GR1+P1	-50.710	4.622	0.000	-0.042	
0.015	-0.011					
23	Gravity{1}	0.011	0.000	0.000	-0.064	-
0.006	0.001					
	T1+GR1+P1	-67.124	2.579	1.104	-0.054	-
0.007	0.059					
24	Gravity{1}	0.014	0.086	0.000	-0.078	
0.011	0.001					
	T1+GR1+P1	-84.471	0.751	0.000	-0.071	
0.003	-0.141					
26 N	Gravity{1}	0.010	0.097	-0.325	-0.082	-
0.016	0.001					
	T1+GR1+P1	-87.052	6.619	-0.496	-0.076	-
0.022	-0.235					
26 M	Gravity{1}	0.004	0.102	-0.998	-0.079	-
0.015	0.001					
	T1+GR1+P1	-85.657	11.792	-1.181	-0.076	-
0.017	-0.576					
26 F	Gravity{1}	-0.004	0.104	-1.839	-0.048	-
0.001	0.001					
	T1+GR1+P1	-77.082	15.968	-2.008	-0.048	-
0.002	-0.873					
28 N	Gravity{1}	-0.050	0.106	-3.302	0.013	
0.034	0.001					
	T1+GR1+P1	-4.133	20.606	-3.623	0.010	
0.037	-0.859					
28 M	Gravity{1}	-0.053	0.101	-2.696	0.050	
0.050	0.000					
	T1+GR1+P1	4.064	24.600	-3.028	0.048	
0.053	-0.526					

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D I S P L A C E M E N T S

Point	Load	TRANSLATIONS (mm)			
ROTATIONS (deg)					
name	combination	X	Y	Z	X
Y	Z				
28 F	Gravity{1}	-0.047	0.086	-1.747	0.055
0.054	0.000				
	T1+GR1+P1	5.131	28.935	-2.026	0.057
0.058	-0.149				
29	Gravity{1}	-0.025	0.031	0.000	0.053
0.002	0.000				
	T1+GR1+P1	1.126	32.272	0.000	0.054
0.003	0.001				
31 N	Gravity{1}	-0.051	-0.023	-1.747	0.051
0.057	0.000				
	T1+GR1+P1	-3.167	29.081	-1.453	0.051
0.052	0.151				
31 M	Gravity{1}	-0.058	-0.037	-2.693	0.047
0.052	0.000				
	T1+GR1+P1	-2.436	24.655	-2.341	0.050
0.048	0.527				
31 F	Gravity{1}	-0.055	-0.042	-3.307	0.012
0.034	0.001				
	T1+GR1+P1	5.425	20.057	-2.971	0.016
0.030	0.859				
33 N	Gravity{1}	-0.012	-0.044	-1.962	-0.046
0.006	0.001				
	T1+GR1+P1	77.953	9.911	-1.871	-0.044
0.007	0.873				
33 M	Gravity{1}	-0.004	-0.042	-1.128	-0.077
0.023	0.001				
	T1+GR1+P1	86.187	5.115	-1.036	-0.077
0.023	0.576				
33 F	Gravity{1}	0.003	-0.037	-0.430	-0.079
0.025	0.001				
	T1+GR1+P1	87.200	-0.117	-0.336	-0.083
0.022	0.236				

34	Gravity{1}	0.009	-0.025	0.000	-0.078	-
0.001	0.001					
	T1+GR1+P1	84.245	-5.670	0.000	-0.083	-
0.006	0.143					
35	Gravity{1}	0.010	0.000	0.000	-0.062	
0.002	0.001					
	T1+GR1+P1	67.232	-2.507	-0.866	-0.068	
0.002	-0.058					
36	Gravity{1}	0.009	0.012	0.000	-0.047	
0.007	0.001					
	T1+GR1+P1	50.287	0.834	0.000	-0.050	
0.007	0.013					
37	Gravity{1}	0.007	0.000	0.000	-0.032	-
0.007	0.000					
	T1+GR1+P1	33.785	-1.264	-0.544	-0.034	-
0.009	0.011					
38	Gravity{1}	0.003	-0.003	0.000	-0.015	
0.008	0.000					
	T1+GR1+P1	16.276	-0.998	0.000	-0.017	
0.008	-0.002					
39	Gravity{1}	0.000	0.000	0.000	0.000	
0.000	0.000					
	T1+GR1+P1	0.000	0.000	0.000	0.000	
0.000	0.000					
40	Gravity{1}	0.003	-0.005	0.000	-0.016	-
0.004	0.000					
	T1+GR1+P1	-15.036	0.331	0.000	-0.016	-
0.003	0.002					
41	Gravity{1}	0.006	0.000	0.000	-0.034	-
0.007	0.000					
	T1+GR1+P1	-31.628	1.254	0.438	-0.033	-
0.009	-0.008					
42	Gravity{1}	0.008	0.004	0.000	-0.052	
0.012	0.001					
	T1+GR1+P1	-49.628	4.644	0.000	-0.050	
0.012	-0.010					

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D I S P L A C E M E N T S

Point	Load	TRANSLATIONS (mm)			
ROTATIONS (deg)					
name	combination	X	Y	Z	X
Y	Z				
43	Gravity{1}	0.009	0.000	0.000	-0.072
0.012	0.001				
	T1+GR1+P1	-67.006	2.570	0.783	-0.068
0.013	0.056				
44	Gravity{1}	0.009	0.003	0.000	-0.088
0.049	0.001				
	T1+GR1+P1	-84.487	4.809	0.000	-0.087
0.046	-0.194				
46 N	Gravity{1}	0.022	0.015	0.602	-0.090
0.040	0.001				
	T1+GR1+P1	-85.742	8.307	0.582	-0.089
0.037	-0.245				
46 M	Gravity{1}	0.023	0.025	0.453	-0.091
0.029	0.001				
	T1+GR1+P1	-84.221	13.648	0.442	-0.095
0.032	-0.595				
46 F	Gravity{1}	0.015	0.029	-0.388	-0.065
0.039	0.001				
	T1+GR1+P1	-75.348	17.873	-0.439	-0.072
0.044	-0.897				
48 N	Gravity{1}	-0.059	0.032	-3.446	-0.010
0.058	0.001				
	T1+GR1+P1	-3.985	21.819	-4.107	-0.018
0.068	-0.883				
48 M	Gravity{1}	-0.064	0.026	-3.037	0.024
0.069	0.001				
	T1+GR1+P1	4.503	25.856	-3.732	0.019
0.079	-0.543				
48 F	Gravity{1}	-0.053	0.009	-2.058	0.026
0.064	0.001				
	T1+GR1+P1	5.679	30.326	-2.636	0.028
0.074	-0.156				

49	Gravity{1}	-0.016	-0.056	0.000	0.026	
0.004	0.001					
	T1+GR1+P1	1.729	33.867	0.000	0.026	
0.015	0.000					
51 N	Gravity{1}	-0.048	-0.118	-1.568	0.025	-
0.055	0.001					
	T1+GR1+P1	-2.577	30.606	-1.007	0.024	-
0.045	0.157					
51 M	Gravity{1}	-0.059	-0.134	-2.428	0.024	-
0.059	0.001					
	T1+GR1+P1	-1.802	26.017	-1.762	0.029	-
0.052	0.547					
51 F	Gravity{1}	-0.054	-0.139	-2.862	-0.005	-
0.046	0.001					
	T1+GR1+P1	6.359	21.253	-2.237	0.003	-
0.039	0.889					
53 N	Gravity{1}	0.005	-0.145	-0.616	-0.056	-
0.018	0.001					
	T1+GR1+P1	77.628	11.277	-0.564	-0.050	-
0.016	0.904					
53 M	Gravity{1}	0.013	-0.142	0.168	-0.082	-
0.006	0.001					
	T1+GR1+P1	86.187	6.304	0.198	-0.081	-
0.004	0.601					
53 F	Gravity{1}	0.015	-0.129	0.487	-0.082	-
0.012	0.001					
	T1+GR1+P1	87.274	0.827	0.535	-0.088	-
0.015	0.251					
54	Gravity{1}	0.005	-0.102	0.000	-0.081	-
0.030	0.001					
	T1+GR1+P1	84.937	-3.995	0.000	-0.088	-
0.034	0.175					
55	Gravity{1}	0.009	0.000	0.000	-0.063	
0.015	0.001					
	T1+GR1+P1	67.153	-2.606	-0.927	-0.072	
0.015	-0.058					

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D I S P L A C E M E N T S

Point	Load	TRANSLATIONS (mm)			
ROTATIONS (deg)					
name	combination	X	Y	Z	X
Y	Z				
56	Gravity{1}	0.007	0.001	0.000	-0.047
0.004	0.001				
	T1+GR1+P1	50.227	0.904	0.000	-0.054
0.002	0.012				
57	Gravity{1}	0.005	0.000	0.000	-0.031
0.005	0.000				
	T1+GR1+P1	32.724	-1.243	-0.243	-0.035
0.003	0.011				
58	Gravity{1}	0.001	-0.025	0.000	-0.016
0.003	0.000				
	T1+GR1+P1	15.936	-1.076	0.000	-0.018
0.002	-0.002				
59	Gravity{1}	0.000	0.000	0.000	0.000
0.000	0.000				
	T1+GR1+P1	0.000	0.000	0.000	0.000
0.000	0.000				
60	Gravity{1}	0.003	-0.011	0.000	-0.013
0.008	0.000				
	T1+GR1+P1	-15.470	0.353	0.000	-0.009
0.007	0.003				
61	Gravity{1}	0.008	0.000	0.000	-0.027
0.005	0.000				
	T1+GR1+P1	-32.749	1.360	0.393	-0.017
0.002	-0.009				
62	Gravity{1}	0.011	0.002	0.000	-0.042
0.000	0.000				
	T1+GR1+P1	-49.618	4.715	0.000	-0.026
0.003	-0.011				
63	Gravity{1}	0.014	-0.001	0.000	-0.057
0.001	0.001				
	T1+GR1+P1	-66.807	2.637	1.471	-0.036
0.001	0.056				

64		Gravity{1}	0.020	0.160	0.000	-0.072	
0.008	0.001						
		T1+GR1+P1	-84.021	2.528	0.000	-0.052	-
0.008	-0.156						
66	N	Gravity{1}	0.016	0.172	-0.393	-0.076	-
0.018	0.001						
		T1+GR1+P1	-86.576	8.839	-0.808	-0.057	-
0.034	-0.252						
66	M	Gravity{1}	0.012	0.170	-1.053	-0.073	-
0.016	0.000						
		T1+GR1+P1	-85.078	14.220	-1.579	-0.058	-
0.036	-0.597						
66	F	Gravity{1}	0.009	0.158	-1.829	-0.042	-
0.003	0.001						
		T1+GR1+P1	-76.229	18.484	-2.315	-0.032	-
0.027	-0.896						
68	N	Gravity{1}	-0.053	0.136	-2.947	0.015	
0.032	0.000						
		T1+GR1+P1	-2.324	23.019	-2.843	0.022	
0.012	-0.879						
68	M	Gravity{1}	-0.069	0.138	-2.358	0.047	
0.046	0.001						
		T1+GR1+P1	6.039	27.077	-2.264	0.054	
0.033	-0.534						
68	F	Gravity{1}	-0.072	0.124	-1.483	0.050	
0.048	0.001						
		T1+GR1+P1	7.117	31.429	-1.450	0.061	
0.044	-0.144						
69		Gravity{1}	-0.057	0.043	0.000	0.046	-
0.008	0.001						
		T1+GR1+P1	3.092	34.358	0.000	0.053	-
0.008	0.013						
71	N	Gravity{1}	-0.085	-0.040	-2.044	0.041	-
0.064	0.001						
		T1+GR1+P1	-1.224	30.436	-1.924	0.046	-
0.062	0.171						

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D I S P L A C E M E N T S

Point	Load	TRANSLATIONS (mm)			
ROTATIONS (deg)					
name	combination	X	Y	Z	X
Y	Z				
71 M	Gravity{1}	-0.096	-0.066	-3.051	0.035
0.063	0.001				
	T1+GR1+P1	-0.346	25.643	-2.867	0.044
0.052	0.566				
71 F	Gravity{1}	-0.095	-0.081	-3.582	-0.002
0.046	0.002				
	T1+GR1+P1	8.095	20.807	-3.394	0.006
0.026	0.914				
73 N	Gravity{1}	-0.009	-0.032	-1.168	-0.060
0.013	0.002				
	T1+GR1+P1	84.095	10.896	-1.277	-0.056
0.003	0.927				
73 M	Gravity{1}	0.009	-0.017	-0.279	-0.089
0.002	0.002				
	T1+GR1+P1	92.879	5.923	-0.319	-0.090
0.011	0.613				
73 F	Gravity{1}	0.018	-0.014	0.188	-0.091
0.002	0.002				
	T1+GR1+P1	94.048	0.394	0.225	-0.095
0.003	0.252				
74	Gravity{1}	0.015	-0.023	0.000	-0.090
0.016	0.002				
	T1+GR1+P1	92.016	-4.013	0.000	-0.096
0.020	0.182				
75	Gravity{1}	0.016	-0.001	0.000	-0.071
0.006	0.001				
	T1+GR1+P1	74.894	-3.131	-1.094	-0.080
0.008	-0.060				
76	Gravity{1}	0.016	0.044	0.000	-0.050
0.012	0.000				
	T1+GR1+P1	55.693	0.837	0.000	-0.056
0.012	0.013				

77	Gravity{1}	0.012	0.000	0.000	-0.032	-
0.006	0.000					
	T1+GR1+P1	37.336	-1.496	-1.114	-0.037	-
0.008	0.012					
78	Gravity{1}	0.008	0.079	0.000	-0.013	
0.003	0.000					
	T1+GR1+P1	18.462	-1.962	0.000	-0.016	
0.005	0.006					
80 N	Gravity{1}	-0.017	0.021	-1.245	0.003	
0.040	0.001					
	T1+GR1+P1	3.698	-1.367	-1.286	0.002	
0.038	-0.015					
80 M	Gravity{1}	-0.016	0.020	-1.195	0.003	
0.040	0.001					
	T1+GR1+P1	3.595	-1.334	-1.237	0.003	
0.039	-0.017					
80 F	Gravity{1}	-0.016	0.019	-1.146	0.003	
0.039	0.001					
	T1+GR1+P1	3.495	-1.290	-1.188	0.003	
0.038	-0.019					
81	Gravity{1}	0.000	0.000	0.000	0.000	
0.000	0.000					
	T1+GR1+P1	0.000	0.000	0.000	0.000	
0.000	0.000					
82	Gravity{1}	0.011	0.033	0.000	-0.016	
0.001	0.000					
	T1+GR1+P1	-18.365	3.517	0.000	-0.013	
0.001	0.002					
83	Gravity{1}	0.011	-0.002	0.000	-0.034	
0.010	0.001					
	T1+GR1+P1	-37.060	6.717	0.638	-0.029	
0.007	-0.007					
84	Gravity{1}	0.017	0.019	0.000	-0.052	
0.009	0.001					
	T1+GR1+P1	-54.675	13.106	0.000	-0.043	
0.009	-0.015					

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Point	Load	TRANSLATIONS (mm)			
ROTATIONS (deg)					
name	combination	X	Y	Z	X
Y	Z				
85	Gravity{1}	0.016	-0.003	0.000	-0.070
0.002	0.001				
	T1+GR1+P1	-73.746	13.472	1.354	-0.057
0.001	0.068				
86	Gravity{1}	0.027	0.058	0.000	-0.078
0.053	0.001				
	T1+GR1+P1	-92.895	15.487	0.000	-0.069
0.044	-0.190				
88 N	Gravity{1}	0.042	0.069	0.622	-0.084
0.031	0.001				
	T1+GR1+P1	-94.162	22.195	0.506	-0.076
0.024	-0.282				
88 M	Gravity{1}	0.039	0.077	0.278	-0.085
0.025	0.001				
	T1+GR1+P1	-91.590	27.799	0.179	-0.082
0.024	-0.654				
88 F	Gravity{1}	0.027	0.083	-0.572	-0.055
0.032	0.001				
	T1+GR1+P1	-81.352	30.967	-0.646	-0.057
0.034	-0.975				
90 N	Gravity{1}	-0.059	0.105	-3.126	0.004
0.048	0.001				
	T1+GR1+P1	-2.514	24.061	-3.453	0.001
0.055	-0.957				
90 M	Gravity{1}	-0.069	0.099	-2.679	0.038
0.055	0.001				
	T1+GR1+P1	7.220	27.059	-3.021	0.036
0.061	-0.591				
90 F	Gravity{1}	-0.066	0.079	-1.763	0.040
0.052	0.001				
	T1+GR1+P1	9.239	31.681	-2.045	0.042
0.056	-0.174				

91	Gravity{1}	-0.052	0.003	0.000	0.029	-
0.006	0.001					
	T1+GR1+P1	5.878	36.251	0.000	0.030	-
0.002	-0.005					
93 N	Gravity{1}	-0.092	-0.062	-1.866	0.019	-
0.064	0.001					
	T1+GR1+P1	1.161	33.565	-1.600	0.018	-
0.060	0.163					
93 M	Gravity{1}	-0.100	-0.078	-2.807	0.015	-
0.068	0.001					
	T1+GR1+P1	1.390	28.673	-2.506	0.019	-
0.066	0.579					
93 F	Gravity{1}	-0.091	-0.085	-3.258	-0.014	-
0.048	0.001					
	T1+GR1+P1	9.322	22.566	-2.994	-0.011	-
0.049	0.943					
95 N	Gravity{1}	-0.010	-0.114	-0.612	-0.065	-
0.013	0.001					
	T1+GR1+P1	84.606	1.850	-0.606	-0.064	-
0.016	0.962					
95 M	Gravity{1}	0.000	-0.118	0.237	-0.090	
0.003	0.001					
	T1+GR1+P1	92.983	-4.586	0.250	-0.094	
0.003	0.645					
95 F	Gravity{1}	0.003	-0.112	0.547	-0.091	-
0.003	0.001					
	T1+GR1+P1	93.434	-10.613	0.579	-0.100	-
0.004	0.278					
96	Gravity{1}	-0.004	-0.097	0.000	-0.092	-
0.020	0.001					
	T1+GR1+P1	90.504	-15.463	0.000	-0.103	-
0.022	0.202					
97	Gravity{1}	0.013	-0.002	0.000	-0.067	
0.016	0.001					
	T1+GR1+P1	72.303	-12.934	-0.481	-0.080	
0.017	-0.060					

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Point	Load	TRANSLATIONS (mm)			
ROTATIONS (deg)					
name	combination	X	Y	Z	X
Y	Z				
98	Gravity{1}	-0.001	-0.072	0.000	-0.049
0.013	0.001				
	T1+GR1+P1	53.964	-6.905	0.000	-0.058
0.014	0.014				
99	Gravity{1}	0.011	-0.002	0.000	-0.032
0.001	0.000				
	T1+GR1+P1	35.249	-6.365	-0.412	-0.038
0.002	0.011				
100	Gravity{1}	0.011	0.011	0.000	-0.010
0.013	0.000				
	T1+GR1+P1	16.346	-4.295	0.000	-0.013
0.014	0.007				
101	Gravity{1}	-0.007	0.010	-0.719	0.007
0.028	0.000				
	T1+GR1+P1	2.758	-1.949	-0.720	0.006
0.026	-0.014				
102 N	Gravity{1}	-0.006	0.009	-0.666	0.007
0.028	0.000				
	T1+GR1+P1	2.608	-1.896	-0.667	0.006
0.026	-0.015				
102 M	Gravity{1}	-0.006	0.009	-0.659	0.007
0.027	0.000				
	T1+GR1+P1	2.589	-1.888	-0.660	0.006
0.025	-0.019				
102 F	Gravity{1}	-0.006	0.009	-0.652	0.007
0.026	0.000				
	T1+GR1+P1	2.571	-1.877	-0.654	0.005
0.024	-0.024				
A01	Gravity{1}	-0.005	0.008	-0.604	0.007
0.025	0.000				
	T1+GR1+P1	2.446	-1.772	-0.607	0.006
0.024	-0.024				

103	Gravity{1}	0.000	0.000	0.000	0.000
0.000	0.000				
	T1+GR1+P1	0.000	0.000	0.000	0.000
0.000	0.000				
104	Gravity{1}	0.003	-0.008	0.000	-0.017
0.000	0.000				
	T1+GR1+P1	-15.774	6.578	0.000	-0.014
0.000	0.003				
105	Gravity{1}	0.011	-0.005	0.000	-0.031
0.012	0.001				
	T1+GR1+P1	-32.620	14.325	0.767	-0.026
0.007	-0.010				
106	Gravity{1}	0.034	0.038	0.000	-0.045
0.024	0.001				
	T1+GR1+P1	-48.523	25.183	0.000	-0.034
0.021	-0.013				
107	Gravity{1}	0.018	-0.008	0.000	-0.068
0.019	0.001				
	T1+GR1+P1	-67.176	29.155	1.606	-0.054
0.012	0.070				
108	Gravity{1}	0.057	0.084	0.000	-0.066
0.072	0.001				
	T1+GR1+P1	-84.954	35.151	0.000	-0.058
0.058	-0.186				
110 N	Gravity{1}	0.079	0.096	0.617	-0.076
0.056	0.001				
	T1+GR1+P1	-84.739	40.881	0.479	-0.068
0.045	-0.265				
110 M	Gravity{1}	0.081	0.107	0.309	-0.078
0.049	0.001				
	T1+GR1+P1	-81.150	45.513	0.183	-0.075
0.046	-0.628				
110 F	Gravity{1}	0.070	0.117	-0.556	-0.048
0.049	0.001				
	T1+GR1+P1	-70.906	46.252	-0.654	-0.049
0.051	-0.942				

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D I S P L A C E M E N T S

Point	Load	TRANSLATIONS (mm)			
ROTATIONS (deg)					
name	combination	X	Y	Z	X
Y	Z				
112 N	Gravity{1}	-0.025	0.161	-3.330	0.016
0.050	0.001				
	T1+GR1+P1	3.585	22.058	-3.702	0.014
0.057	-0.926				
112 M	Gravity{1}	-0.037	0.157	-2.868	0.051
0.050	0.001				
	T1+GR1+P1	13.359	22.768	-3.265	0.049
0.055	-0.568				
112 F	Gravity{1}	-0.037	0.133	-1.910	0.051
0.045	0.001				
	T1+GR1+P1	16.208	26.631	-2.245	0.055
0.049	-0.162				
113	Gravity{1}	-0.039	0.042	0.000	0.027
0.010	0.001				
	T1+GR1+P1	13.823	31.447	0.000	0.029
0.005	0.002				
115 N	Gravity{1}	-0.103	-0.021	-1.785	0.003
0.066	0.001				
	T1+GR1+P1	8.505	29.716	-1.460	0.002
0.060	0.167				
115 M	Gravity{1}	-0.118	-0.037	-2.721	-0.001
0.069	0.001				
	T1+GR1+P1	7.571	24.914	-2.341	0.003
0.068	0.574				
115 F	Gravity{1}	-0.111	-0.048	-3.179	-0.025
0.045	0.001				
	T1+GR1+P1	13.780	17.185	-2.827	-0.021
0.044	0.933				
117 N	Gravity{1}	-0.023	-0.096	-0.455	-0.068
0.002	0.001				
	T1+GR1+P1	82.589	-20.936	-0.325	-0.068
0.001	0.950				

117 M	Gravity{1}	-0.011	-0.102	0.404	-0.088
0.024	0.001				
	T1+GR1+P1	89.120	-29.045	0.547	-0.093
0.023	0.634				
117 F	Gravity{1}	-0.007	-0.099	0.697	-0.091
0.016	0.001				
	T1+GR1+P1	88.146	-34.879	0.833	-0.102
0.014	0.269				
118	Gravity{1}	-0.014	-0.084	0.000	-0.097 -
0.003	0.001				
	T1+GR1+P1	83.867	-39.048	0.000	-0.110 -
0.006	0.187				
119	Gravity{1}	0.019	-0.008	0.000	-0.060
0.037	0.001				
	T1+GR1+P1	67.235	-29.341	-1.330	-0.072
0.042	-0.067				
120	Gravity{1}	0.020	0.002	0.000	-0.047
0.021	0.001				
	T1+GR1+P1	51.078	-18.805	0.000	-0.054
0.025	0.016				
121	Gravity{1}	0.013	-0.006	0.000	-0.031
0.010	0.001				
	T1+GR1+P1	32.662	-14.298	-0.593	-0.037
0.010	0.011				
122	Gravity{1}	0.010	-0.001	0.000	-0.009
0.014	0.000				
	T1+GR1+P1	15.165	-7.505	0.000	-0.012
0.015	0.002				
124 N	Gravity{1}	-0.007	0.009	-0.508	0.012
0.027	0.000				
	T1+GR1+P1	2.133	-1.611	-0.524	0.010
0.024	-0.008				
124 M	Gravity{1}	-0.006	0.008	-0.474	0.011
0.025	0.000				
	T1+GR1+P1	2.046	-1.552	-0.491	0.009
0.023	-0.010				

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D I S P L A C E M E N T S

Point	Load	TRANSLATIONS (mm)			
ROTATIONS (deg)					
name	combination	X	Y	Z	X
Y	Z				
124 F	Gravity{1}	-0.006	0.008	-0.443	0.009
0.022	0.000				
	T1+GR1+P1	1.965	-1.484	-0.460	0.008
0.021	-0.011				
125	Gravity{1}	0.000	0.000	0.000	0.000
0.000	0.000				
	T1+GR1+P1	0.000	0.000	0.000	0.000
0.000	0.000				
126	Gravity{1}	0.003	-0.004	0.000	0.006
0.002	0.000				
	T1+GR1+P1	-16.721	10.992	0.000	0.006
0.005	-0.005				
127	Gravity{1}	0.008	-0.005	0.000	0.008
0.003	0.000				
	T1+GR1+P1	-33.258	20.452	1.278	0.005
0.004	0.019				
128	Gravity{1}	0.011	0.000	0.000	0.007
0.011	0.000				
	T1+GR1+P1	-57.513	16.998	0.000	0.004
0.019	0.162				
129	Gravity{1}	0.007	-0.007	0.000	0.023
0.007	0.000				
	T1+GR1+P1	-100.494	-16.635	0.000	0.026
0.005	0.289				
131 N	Gravity{1}	0.005	0.008	-0.974	0.003
0.032	0.000				
	T1+GR1+P1	-115.703	-29.041	-0.937	0.005
0.033	0.237				
131 M	Gravity{1}	0.002	0.010	-1.150	0.008
0.029	0.000				
	T1+GR1+P1	-117.958	-29.244	-1.073	0.010
0.027	0.045				

131 F	Gravity{1}	0.000	0.007	-0.890	0.013	-
0.029	0.000					
	T1+GR1+P1	-116.953	-28.417	-0.790	0.014	-
0.024	-0.151					
132	Gravity{1}	-0.002	0.001	0.000	-0.028	
0.010	0.000					
	T1+GR1+P1	-102.514	-32.045	0.000	-0.026	
0.015	-0.214					
133	Gravity{1}	-0.008	0.007	0.000	0.016	-
0.023	0.000					
	T1+GR1+P1	-56.494	-44.624	0.000	0.024	-
0.017	-0.141					
134	Gravity{1}	0.005	-0.005	0.000	-0.005	-
0.003	0.000					
	T1+GR1+P1	-35.187	-41.801	0.000	0.004	
0.002	-0.035					
135	Gravity{1}	0.008	-0.007	0.000	0.001	-
0.007	0.000					
	T1+GR1+P1	-24.422	-32.264	0.000	0.008	-
0.003	0.000					
136	Gravity{1}	0.006	-0.005	0.000	-0.011	
0.005	0.000					
	T1+GR1+P1	-15.711	-21.970	0.000	-0.006	
0.006	-0.002					
137	Gravity{1}	0.004	-0.003	0.000	0.009	-
0.011	0.000					
	T1+GR1+P1	-5.517	-10.270	0.000	0.011	-
0.011	0.008					
139 N	Gravity{1}	0.002	-0.001	-0.032	-0.006	
0.003	0.000					
	T1+GR1+P1	-3.664	-7.394	0.015	-0.006	
0.004	0.016					
139 F	Gravity{1}	0.002	-0.001	-0.041	-0.007	
0.003	0.000					
	T1+GR1+P1	-3.630	-7.294	0.005	-0.007	
0.004	0.018					

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D I S P L A C E M E N T S

Point	Load	TRANSLATIONS (mm)			
ROTATIONS (deg)					
name	combination	X	Y	Z	X
Y	Z				
140	Gravity{1}	0.000	0.000	0.000	0.000
0.000	0.000				
	T1+GR1+P1	0.000	0.000	0.000	0.000
0.000	0.000				
141	Gravity{1}	-0.049	0.036	0.000	-0.002
0.032	0.001				
	T1+GR1+P1	15.864	4.225	0.000	-0.007
0.025	-0.134				
143 N	Gravity{1}	-0.059	0.089	-2.663	-0.025
0.062	0.001				
	T1+GR1+P1	25.614	3.504	-2.569	-0.032
0.051	-0.141				
143 M	Gravity{1}	-0.063	0.101	-3.174	-0.022
0.064	0.002				
	T1+GR1+P1	27.339	4.232	-3.097	-0.028
0.051	-0.084				
143 F	Gravity{1}	-0.066	0.090	-2.919	-0.012
0.072	0.003				
	T1+GR1+P1	27.330	5.504	-2.992	-0.020
0.054	-0.010				
A04	Gravity{1}	-0.066	0.089	-2.910	-0.012
0.072	0.003				
	T1+GR1+P1	27.319	5.515	-2.986	-0.020
0.054	-0.010				
144	Gravity{1}	-0.092	-0.066	0.000	-0.036
0.043	0.004				
	T1+GR1+P1	21.770	8.674	-1.397	-0.044
0.020	0.037				
146	Gravity{1}	-0.446	-0.519	0.000	-0.073
0.003	0.005				
	T1+GR1+P1	-2.851	6.782	-5.809	-0.074
0.027	0.118				

147	Gravity{1}	-0.997	-1.222	0.000	-0.070	
0.015	0.005					
	T1+GR1+P1	-42.469	-3.660	-9.695	-0.052	-
0.006	0.099					
148	Gravity{1}	-1.354	-1.680	0.000	0.009	
0.125	0.003					
	T1+GR1+P1	-66.853	7.667	-5.032	0.058	
0.134	-0.083					
149	Gravity{1}	-1.337	-1.701	0.981	-0.007	
0.104	0.002					
	T1+GR1+P1	-67.003	9.043	-3.599	0.043	
0.115	-0.094					
151 N	Gravity{1}	-1.301	-1.746	3.130	-0.043	
0.060	0.002					
	T1+GR1+P1	-66.739	17.130	1.100	0.014	
0.080	-0.147					
151 M	Gravity{1}	-1.094	-1.543	3.055	-0.053	
0.051	0.001					
	T1+GR1+P1	-65.105	19.393	2.202	0.004	
0.103	-0.242					
151 F	Gravity{1}	-0.648	-1.041	2.560	-0.050	
0.047	0.003					
	T1+GR1+P1	-61.503	19.874	2.989	0.013	
0.139	-0.297					
153 N	Gravity{1}	-0.130	-0.449	1.945	-0.049	
0.046	0.002					
	T1+GR1+P1	-57.257	18.616	3.343	0.011	
0.134	-0.311					
153 M	Gravity{1}	0.067	-0.215	1.573	-0.046	
0.043	0.002					
	T1+GR1+P1	-54.852	17.805	3.345	0.016	
0.136	-0.327					
153 F	Gravity{1}	0.129	-0.125	1.131	-0.045	
0.042	0.002					
	T1+GR1+P1	-52.272	16.777	2.990	0.015	
0.136	-0.349					

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D I S P L A C E M E N T S

Point	Load	TRANSLATIONS (mm)			
ROTATIONS (deg)					
name	combination	X	Y	Z	X
Y	Z				
154	Gravity{1}	0.116	-0.090	0.000	-0.047
0.043	0.002				
	T1+GR1+P1	-46.076	14.105	1.686	0.006
0.130	-0.354				
155	Gravity{1}	0.000	0.000	0.000	0.000
0.000	0.000				
	T1+GR1+P1	0.000	0.000	0.000	0.000
0.000	0.000				
157 N	Gravity{1}	-0.233	0.180	-9.195	-0.127
0.024	0.006				
	T1+GR1+P1	4.652	8.215	-9.647	-0.104
0.049	0.005				
157 M	Gravity{1}	-0.284	0.276	-10.081	-0.116
0.008	0.011				
	T1+GR1+P1	5.754	8.526	-10.506	-0.075
0.001	-0.052				
157 F	Gravity{1}	-0.237	0.445	-9.328	-0.126
0.051	0.016				
	T1+GR1+P1	6.570	7.230	-9.963	-0.076
0.046	-0.113				
A06	Gravity{1}	-0.233	0.451	-9.279	-0.126
0.052	0.016				
	T1+GR1+P1	6.573	7.170	-9.929	-0.076
0.046	-0.113				
158	Gravity{1}	-0.007	0.709	-6.719	-0.125
0.059	0.017				
	T1+GR1+P1	6.372	4.122	-8.160	-0.065
0.059	-0.123				
159 N	Gravity{1}	0.030	0.751	-6.307	-0.124
0.060	0.017				
	T1+GR1+P1	6.329	3.628	-7.877	-0.063
0.061	-0.124				

159 M	Gravity{1}	0.033	0.784	-6.171	-0.124	-
0.059	0.018					
	T1+GR1+P1	6.301	3.468	-7.770	-0.060	-
0.061	-0.138					
159 F	Gravity{1}	0.020	0.848	-6.044	-0.122	-
0.059	0.016					
	T1+GR1+P1	6.247	3.321	-7.647	-0.053	-
0.065	-0.154					
A07	Gravity{1}	-0.042	1.074	-5.689	-0.122	-
0.059	0.017					
	T1+GR1+P1	6.050	2.901	-7.267	-0.051	-
0.066	-0.155					
160	Gravity{1}	-0.826	4.918	0.000	-0.061	-
0.016	0.020					
	T1+GR1+P1	2.179	-6.470	-1.133	0.025	-
0.035	-0.156					
162 N	Gravity{1}	1.235	6.669	-0.741	0.013	
0.032	0.022					
	T1+GR1+P1	0.628	-22.361	-1.337	0.098	
0.015	-0.105					
162 M	Gravity{1}	1.461	6.764	-1.092	0.020	
0.021	0.013					
	T1+GR1+P1	1.484	-23.855	-1.355	0.069	
0.027	-0.027					
162 F	Gravity{1}	1.438	6.822	-1.076	0.031	
0.005	0.009					
	T1+GR1+P1	2.402	-23.331	-1.055	0.053	
0.026	0.057					
A08	Gravity{1}	1.436	6.824	-1.070	0.032	
0.005	0.009					
	T1+GR1+P1	2.406	-23.302	-1.048	0.053	
0.026	0.058					
163	Gravity{1}	1.099	7.091	0.000	0.022	
0.013	0.008					
	T1+GR1+P1	2.311	-17.320	0.000	0.040	
0.038	0.085					

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D I S P L A C E M E N T S

Point	Load	TRANSLATIONS (mm)			
ROTATIONS (deg)					
name	combination	X	Y	Z	X
Y	Z				
164	Gravity{1}	0.508	7.553	0.000	0.015
0.021	0.005				
	T1+GR1+P1	0.983	-2.637	0.000	0.036
0.046	0.068				
165	Gravity{1}	0.219	7.779	0.000	0.014
0.025	0.001				
	T1+GR1+P1	4.612	7.862	0.000	0.035
0.051	-0.013				
166	Gravity{1}	0.224	7.775	0.000	0.032
0.014	-0.002				
	T1+GR1+P1	16.713	12.164	0.000	0.052
0.041	-0.096				
167	Gravity{1}	0.475	7.579	0.000	-0.018
0.055	-0.005				
	T1+GR1+P1	31.369	12.358	0.000	0.007
0.080	-0.121				
168	Gravity{1}	0.683	7.417	-3.891	-0.055
0.085	-0.006				
	T1+GR1+P1	38.512	12.337	-3.603	-0.030
0.111	-0.107				
169 N	Gravity{1}	0.684	7.416	-3.922	-0.055
0.085	-0.006				
	T1+GR1+P1	38.558	12.339	-3.634	-0.030
0.111	-0.107				
169 M	Gravity{1}	0.571	7.256	-4.949	-0.057
0.088	-0.008				
	T1+GR1+P1	39.510	12.963	-4.774	-0.047
0.130	-0.043				
169 F	Gravity{1}	0.170	7.041	-5.003	-0.039
0.096	-0.012				
	T1+GR1+P1	38.386	13.606	-5.049	-0.053
0.161	0.024				

A09	Gravity{1}	0.157	7.038	-4.989	-0.039
0.096	-0.012				
	T1+GR1+P1	38.336	13.609	-5.037	-0.053
0.161	0.024				
170	Gravity{1}	-3.841	6.422	0.000	-0.039
0.071	-0.011				
	T1+GR1+P1	20.585	12.370	-0.732	-0.063
0.144	0.086				
172 N	Gravity{1}	-5.605	4.486	0.244	-0.047
0.040	-0.006				
	T1+GR1+P1	2.388	6.541	-1.377	-0.069
0.107	0.117				
172 M	Gravity{1}	-5.617	4.472	0.245	-0.047
0.041	-0.005				
	T1+GR1+P1	2.204	6.482	-1.373	-0.069
0.106	0.118				
172 F	Gravity{1}	-5.619	4.470	0.248	-0.047
0.040	-0.004				
	T1+GR1+P1	2.036	6.436	-1.345	-0.070
0.105	0.121				
173	Gravity{1}	-5.548	4.556	-0.121	-0.062
0.012	0.000				
	T1+GR1+P1	-5.534	4.544	-0.121	-0.086
0.063	0.122				
174	Gravity{1}	-5.853	4.186	0.000	-0.007
0.044	-0.002				
	T1+GR1+P1	-33.730	-1.828	0.000	-0.026
0.052	0.107				
176 N	Gravity{1}	-5.799	4.267	0.354	-0.023
0.017	-0.006				
	T1+GR1+P1	-38.843	-2.618	0.075	-0.036
0.023	0.086				
176 M	Gravity{1}	-5.664	4.317	0.108	-0.027
0.009	-0.018				
	T1+GR1+P1	-39.738	-1.894	-0.298	-0.034
0.012	-0.023				

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Point	Load	TRANSLATIONS (mm)			
ROTATIONS (deg)					
name	combination	X	Y	Z	X
Y	Z				
176 F	Gravity{1}	-5.368	4.210	-0.145	-0.008
0.000	-0.030				
	T1+GR1+P1	-38.436	-1.173	-0.608	-0.005
0.004	-0.136				
A11	Gravity{1}	-5.364	4.207	-0.146	-0.007
0.001	-0.030				
	T1+GR1+P1	-38.410	-1.175	-0.608	-0.005
0.004	-0.136				
177	Gravity{1}	-3.074	2.414	0.000	-0.014
0.006	-0.033				
	T1+GR1+P1	-22.470	-3.497	0.000	-0.009
0.001	-0.155				
178	Gravity{1}	0.000	0.000	0.000	0.000
0.000	0.000				
	T1+GR1+P1	0.000	0.000	0.000	0.000
0.000	0.000				
179	Gravity{1}	-0.005	0.004	0.000	0.007
0.003	0.000				
	T1+GR1+P1	22.904	-2.515	0.000	0.010
0.006	-0.285				
180	Gravity{1}	-0.007	0.005	0.000	0.007
0.010	0.000				
	T1+GR1+P1	59.966	-18.843	0.000	0.009
0.015	-0.377				
181	Gravity{1}	0.004	0.006	-0.266	0.003
0.015	0.000				
	T1+GR1+P1	74.545	-25.304	-0.238	0.005
0.020	-0.331				
182 N	Gravity{1}	0.004	0.006	-0.286	0.003
0.015	0.000				
	T1+GR1+P1	75.484	-25.696	-0.256	0.005
0.020	-0.325				

182 M	Gravity{1}	0.007	0.005	-0.281	0.008
0.014	0.000				
	T1+GR1+P1	77.604	-25.714	-0.226	0.009
0.014	-0.146				
182 F	Gravity{1}	0.009	0.003	-0.170	0.009
0.014	0.000				
	T1+GR1+P1	77.813	-24.933	-0.097	0.010
0.009	0.039				
A12	Gravity{1}	0.009	0.002	-0.122	0.009
0.014	0.000				
	T1+GR1+P1	77.549	-24.797	-0.051	0.010
0.009	0.045				
183	Gravity{1}	0.008	-0.001	0.000	-0.028 -
0.015	0.000				
	T1+GR1+P1	69.522	-23.868	0.000	-0.027 -
0.022	0.126				
184	Gravity{1}	0.006	-0.003	0.000	0.005
0.008	0.000				
	T1+GR1+P1	32.413	-26.742	0.000	0.004
0.001	0.104				
185	Gravity{1}	0.004	-0.005	0.000	-0.005 -
0.001	0.000				
	T1+GR1+P1	12.504	-16.405	-0.722	-0.007 -
0.004	0.006				
186	Gravity{1}	0.000	0.000	0.000	0.000
0.000	0.000				
	T1+GR1+P1	0.000	0.000	0.000	0.000
0.000	0.000				
187	Gravity{1}	0.001	-0.002	0.000	0.042
0.007	0.000				
	T1+GR1+P1	-11.552	15.157	0.293	0.039
0.009	-0.002				
188	Gravity{1}	-0.052	-0.042	0.000	-0.082 -
0.113	0.000				
	T1+GR1+P1	-25.505	27.755	0.000	-0.087 -
0.110	0.059				

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D I S P L A C E M E N T S

Point	Load	TRANSLATIONS (mm)			
ROTATIONS (deg)					
name	combination	X	Y	Z	X
Y	Z				
190 N	Gravity{1}	-0.272	0.172	-19.761	-0.157
0.180	0.000				
	T1+GR1+P1	-36.583	29.703	-19.781	-0.161
0.176	0.112				
190 M	Gravity{1}	-0.295	0.191	-22.006	-0.085
0.075	0.000				
	T1+GR1+P1	-38.496	28.714	-22.012	-0.090
0.073	0.168				
190 F	Gravity{1}	-0.295	0.185	-22.097	-0.077
0.013	0.001				
	T1+GR1+P1	-38.968	26.036	-22.062	-0.083
0.015	0.210				
192 N	Gravity{1}	-0.291	0.131	-14.212	0.049
0.181	0.001				
	T1+GR1+P1	-34.226	6.343	-13.869	0.042
0.180	0.185				
192 M	Gravity{1}	-0.281	0.123	-11.762	0.065
0.244	0.001				
	T1+GR1+P1	-34.815	4.327	-11.431	0.059
0.240	0.088				
192 F	Gravity{1}	-0.233	0.096	-7.883	0.133
0.330	0.001				
	T1+GR1+P1	-35.920	4.472	-7.647	0.124
0.323	-0.021				
193	Gravity{1}	-0.112	0.022	0.000	0.151
0.326	0.001				
	T1+GR1+P1	-36.451	6.754	0.000	0.143
0.318	-0.050				
195 N	Gravity{1}	0.008	-0.054	7.949	0.162
0.316	0.001				
	T1+GR1+P1	-36.398	9.489	7.691	0.153
0.307	-0.084				

195 M	Gravity{1}	0.052	-0.085	11.283	0.207
0.322	0.000				
	T1+GR1+P1	-34.521	11.008	10.889	0.197
0.312	-0.256				
195 F	Gravity{1}	0.047	-0.081	11.869	0.255
0.298	0.000				
	T1+GR1+P1	-30.098	9.613	11.425	0.245
0.287	-0.448				
196	Gravity{1}	-0.241	0.144	0.000	0.218
0.431	0.000				
	T1+GR1+P1	18.289	-36.433	0.000	0.208
0.414	-0.710				
198 N	Gravity{1}	-0.849	0.344	-46.823	0.199
0.554	0.000				
	T1+GR1+P1	95.589	-117.471	-45.233	0.192
0.530	-0.690				
198 M	Gravity{1}	-0.863	0.350	-48.036	0.234
0.535	0.001				
	T1+GR1+P1	101.856	-120.247	-46.338	0.231
0.509	-0.396				
198 F	Gravity{1}	-0.798	0.307	-43.663	0.253
0.536	0.002				
	T1+GR1+P1	104.710	-118.803	-42.048	0.253
0.507	-0.091				
A13	Gravity{1}	-0.790	0.301	-43.127	0.253
0.536	0.002				
	T1+GR1+P1	104.744	-118.677	-41.528	0.253
0.506	-0.087				
199	Gravity{1}	-0.179	-0.154	0.000	0.042
0.395	0.003				
	T1+GR1+P1	97.559	-112.528	0.000	0.038
0.362	0.121				
200	Gravity{1}	0.023	-0.042	-0.001	-0.192
0.219	0.005				
	T1+GR1+P1	62.150	-111.002	-3.054	-0.180
0.202	0.114				

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D I S P L A C E M E N T S

Point	Load	TRANSLATIONS (mm)			
ROTATIONS (deg)					
name	combination	X	Y	Z	X
Y	Z				
201	Gravity{1}	0.186	0.052	0.000	-0.103
0.224	0.006				
	T1+GR1+P1	47.725	-98.133	0.000	-0.095
0.212	-0.014				
202	Gravity{1}	0.020	-0.037	-0.001	-0.105
0.176	0.005				
	T1+GR1+P1	44.035	-79.763	-1.952	-0.103
0.164	-0.019				
203	Gravity{1}	0.027	-0.027	0.000	-0.080
0.143	0.003				
	T1+GR1+P1	36.438	-63.146	0.000	-0.073
0.134	0.007				
204	Gravity{1}	0.015	-0.027	-0.001	-0.056
0.108	0.002				
	T1+GR1+P1	26.322	-47.492	-1.217	-0.056
0.099	0.006				
205	Gravity{1}	0.051	0.003	0.000	-0.041
0.070	0.002				
	T1+GR1+P1	17.421	-31.784	0.000	-0.035
0.067	0.001				
206	Gravity{1}	0.030	0.000	0.000	-0.020
0.034	0.001				
	T1+GR1+P1	8.499	-15.914	0.000	-0.022
0.030	0.003				
207	Gravity{1}	0.001	0.005	-0.375	0.030
0.020	0.000				
	T1+GR1+P1	0.670	-1.843	-0.377	0.029
0.020	-0.004				
208 N	Gravity{1}	0.001	0.004	-0.344	0.029
0.020	0.000				
	T1+GR1+P1	0.637	-1.776	-0.344	0.028
0.019	-0.004				

208 M	Gravity{1}	0.001	0.004	-0.342	0.025	
0.018	0.000					
	T1+GR1+P1	0.635	-1.772	-0.343	0.024	
0.017	-0.005					
208 F	Gravity{1}	0.001	0.004	-0.341	0.021	
0.016	0.000					
	T1+GR1+P1	0.634	-1.768	-0.341	0.020	
0.015	-0.006					
A14	Gravity{1}	0.001	0.004	-0.318	0.020	
0.015	0.000					
	T1+GR1+P1	0.609	-1.697	-0.319	0.019	
0.014	-0.006					
209	Gravity{1}	0.000	0.000	0.000	0.000	
0.000	0.000					
	T1+GR1+P1	0.000	0.000	0.000	0.000	
0.000	0.000					
210	Gravity{1}	0.010	0.002	0.000	-0.003	-
0.004	0.000					
	T1+GR1+P1	-8.102	15.051	0.000	-0.002	-
0.003	0.012					
211	Gravity{1}	0.002	-0.004	0.000	0.004	-
0.005	0.000					
	T1+GR1+P1	-13.456	32.066	0.643	0.002	-
0.003	-0.051					
212	Gravity{1}	-0.090	-0.043	0.000	-0.017	-
0.019	0.000					
	T1+GR1+P1	-10.683	53.506	0.000	-0.021	-
0.017	0.010					
213 N	Gravity{1}	-0.091	-0.043	-0.019	-0.019	-
0.019	0.000					
	T1+GR1+P1	-10.717	53.566	-0.020	-0.023	-
0.018	0.011					
213 M	Gravity{1}	-0.091	-0.043	-0.020	-0.019	-
0.025	0.000					
	T1+GR1+P1	-10.720	53.565	-0.021	-0.023	-
0.024	0.018					

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D I S P L A C E M E N T S

Point	Load	TRANSLATIONS (mm)			
ROTATIONS (deg)					
name	combination	X	Y	Z	X
Y	Z				
213 F	Gravity{1}	-0.091	-0.043	-0.021	-0.019
0.031	-0.001				
	T1+GR1+P1	-10.724	53.564	-0.022	-0.023
0.030	0.025				
A15	Gravity{1}	-0.091	-0.042	-0.044	-0.021
0.032	-0.001				
	T1+GR1+P1	-10.762	53.623	-0.046	-0.024
0.030	0.026				
215 N	Gravity{1}	-0.095	-0.004	-2.339	-0.061
0.056	-0.001				
	T1+GR1+P1	-13.775	56.317	-2.344	-0.062
0.055	0.088				
215 M	Gravity{1}	-0.107	0.019	-3.511	-0.065
0.060	0.000				
	T1+GR1+P1	-16.350	55.479	-3.466	-0.060
0.060	0.300				
215 F	Gravity{1}	-0.120	0.035	-4.232	-0.059
0.034	0.000				
	T1+GR1+P1	-17.814	50.389	-4.158	-0.050
0.035	0.496				
217 N	Gravity{1}	-0.102	0.086	-2.070	-0.039
0.057	0.000				
	T1+GR1+P1	-11.283	2.234	-2.272	-0.027
0.056	0.490				
217 M	Gravity{1}	-0.078	0.094	-0.982	-0.033
0.112	0.000				
	T1+GR1+P1	-12.683	-2.707	-1.176	-0.025
0.110	0.282				
217 F	Gravity{1}	-0.044	0.102	-0.216	-0.026
0.125	0.000				
	T1+GR1+P1	-14.953	-3.360	-0.340	-0.022
0.125	0.057				

218	Gravity{1}	0.015	0.116	0.000	-0.043	
0.125	0.000					
	T1+GR1+P1	-16.332	-1.432	0.000	-0.040	
0.124	0.009					
220 N	Gravity{1}	0.073	0.141	-0.380	-0.059	
0.125	0.000					
	T1+GR1+P1	-16.680	0.835	-0.271	-0.056	
0.123	-0.035					
220 M	Gravity{1}	0.095	0.148	-1.243	-0.044	
0.124	-0.001					
	T1+GR1+P1	-14.838	1.689	-1.108	-0.044	
0.124	-0.234					
220 F	Gravity{1}	0.089	0.139	-2.624	-0.014	
0.099	-0.001					
	T1+GR1+P1	-11.334	-0.908	-2.504	-0.017	
0.098	-0.414					
222 N	Gravity{1}	0.004	0.120	-8.184	0.075	
0.045	-0.001					
	T1+GR1+P1	8.851	-37.301	-8.136	0.071	
0.042	-0.427					
222 M	Gravity{1}	0.006	0.123	-7.642	0.113	
0.010	-0.001					
	T1+GR1+P1	12.602	-40.135	-7.595	0.111	
0.006	-0.274					
222 F	Gravity{1}	0.013	0.106	-5.983	0.136	
0.006	0.000					
	T1+GR1+P1	15.133	-39.340	-5.937	0.136	
0.000	-0.104					
223	Gravity{1}	0.034	0.009	0.000	0.069	-
0.017	0.000					
	T1+GR1+P1	16.950	-33.740	0.000	0.068	-
0.023	-0.031					
224	Gravity{1}	0.001	-0.003	0.000	-0.011	-
0.025	0.000					
	T1+GR1+P1	6.270	-17.912	-0.409	-0.011	-
0.028	0.025					

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D I S P L A C E M E N T S

Point	Load	TRANSLATIONS (mm)			
ROTATIONS (deg)					
name	combination	X	Y	Z	X
Y	Z				
225	Gravity{1}	0.000	0.000	0.000	0.000
0.000	0.000				
	T1+GR1+P1	0.000	0.000	0.000	0.000
0.000	0.000				
226	Gravity{1}	0.028	0.006	0.000	0.010
0.039	0.000				
	T1+GR1+P1	-5.786	17.663	0.000	0.010
0.036	-0.003				
227	Gravity{1}	0.002	-0.006	0.000	0.024
0.076	-0.001				
	T1+GR1+P1	-12.597	35.786	0.325	0.021
0.073	0.009				
228	Gravity{1}	0.020	-0.002	0.000	0.035
0.116	-0.001				
	T1+GR1+P1	-22.532	53.619	0.000	0.035
0.110	0.014				
229	Gravity{1}	0.004	-0.010	0.000	0.079
0.147	-0.001				
	T1+GR1+P1	-25.774	73.710	1.060	0.075
0.138	-0.072				
230	Gravity{1}	-0.235	-0.093	0.000	-0.015
0.224	-0.001				
	T1+GR1+P1	-18.471	97.156	0.000	-0.025
0.217	0.013				
232 N	Gravity{1}	-0.341	-0.023	-7.447	-0.089
0.260	-0.001				
	T1+GR1+P1	-22.883	100.596	-7.707	-0.097
0.254	0.110				
232 M	Gravity{1}	-0.364	-0.003	-10.357	-0.056
0.233	-0.001				
	T1+GR1+P1	-25.791	99.333	-10.633	-0.062
0.229	0.354				

232 F	Gravity{1}	-0.367	0.010	-12.989	-0.040	-
0.162	-0.001					
	T1+GR1+P1	-27.110	93.260	-13.234	-0.045	-
0.160	0.588					
234 N	Gravity{1}	-0.422	0.142	-11.200	0.069	
0.192	-0.001					
	T1+GR1+P1	-6.793	-9.272	-11.297	0.069	
0.192	0.569					
234 M	Gravity{1}	-0.416	0.151	-8.219	0.086	
0.252	-0.001					
	T1+GR1+P1	-8.066	-14.963	-8.319	0.086	
0.252	0.312					
234 F	Gravity{1}	-0.369	0.141	-4.895	0.115	
0.273	0.000					
	T1+GR1+P1	-10.374	-15.807	-4.972	0.116	
0.276	0.045					
235	Gravity{1}	-0.259	0.103	0.000	0.102	
0.259	-0.001					
	T1+GR1+P1	-11.345	-13.819	0.000	0.103	
0.261	-0.014					
237 N	Gravity{1}	-0.153	0.075	4.173	0.080	
0.241	-0.001					
	T1+GR1+P1	-11.000	-11.345	4.262	0.082	
0.243	-0.073					
237 M	Gravity{1}	-0.103	0.063	4.852	0.061	
0.231	0.000					
	T1+GR1+P1	-8.316	-10.544	4.978	0.063	
0.235	-0.328					
237 F	Gravity{1}	-0.081	0.055	3.422	0.086	
0.191	0.000					
	T1+GR1+P1	-3.699	-14.156	3.542	0.090	
0.195	-0.554					
A16	Gravity{1}	-0.081	0.055	3.401	0.086	
0.191	0.000					
	T1+GR1+P1	-3.661	-14.225	3.521	0.090	
0.195	-0.554					

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Point	Load	TRANSLATIONS (mm)			
ROTATIONS (deg)					
name	combination	X	Y	Z	X
Y	Z				
239 N	Gravity{1}	-0.050	0.030	-5.257	0.104
0.125	0.000				
	T1+GR1+P1	18.645	-53.581	-5.275	0.106
0.127	-0.564				
239 M	Gravity{1}	-0.043	0.022	-5.264	0.119
0.098	0.000				
	T1+GR1+P1	23.539	-57.335	-5.274	0.121
0.099	-0.364				
239 F	Gravity{1}	-0.035	0.011	-3.901	0.087
0.091	0.000				
	T1+GR1+P1	26.812	-56.478	-3.891	0.087
0.091	-0.135				
240	Gravity{1}	-0.016	-0.010	0.000	0.015
0.060	0.000				
	T1+GR1+P1	29.184	-51.174	0.000	0.014
0.059	-0.049				
241	Gravity{1}	0.001	-0.004	0.000	-0.016
0.030	0.000				
	T1+GR1+P1	13.263	-35.336	-0.520	-0.016
0.029	0.051				
242	Gravity{1}	0.006	0.000	0.000	0.001
0.018	0.000				
	T1+GR1+P1	5.076	-17.695	0.000	0.000
0.018	-0.012				
243	Gravity{1}	0.000	0.000	0.000	0.000
0.000	0.000				
	T1+GR1+P1	0.000	0.000	0.000	0.000
0.000	0.000				
244	Gravity{1}	0.001	-0.003	0.000	-0.012
0.020	0.000				
	T1+GR1+P1	-6.512	17.396	0.184	-0.013
0.019	-0.006				

245	Gravity{1}	0.002	-0.005	0.000	-0.008
0.047	0.000				
	T1+GR1+P1	-10.389	36.234	0.000	-0.006
0.045	-0.016				
246	Gravity{1}	0.002	-0.007	0.000	-0.050
0.056	0.001				
	T1+GR1+P1	-19.660	52.864	0.659	-0.048
0.051	0.072				
247	Gravity{1}	0.057	0.013	0.000	0.034
0.112	0.001				
	T1+GR1+P1	-31.551	69.982	0.000	0.032
0.108	-0.166				
249 N	Gravity{1}	0.066	0.002	1.380	0.015
0.108	0.001				
	T1+GR1+P1	-27.792	73.648	1.326	0.014
0.105	-0.241				
249 M	Gravity{1}	0.069	0.002	1.399	0.004
0.106	0.001				
	T1+GR1+P1	-22.388	74.321	1.343	0.004
0.106	-0.584				
249 F	Gravity{1}	0.068	0.008	0.544	0.020
0.088	0.001				
	T1+GR1+P1	-15.187	67.920	0.481	0.020
0.090	-0.878				
251 N	Gravity{1}	0.051	0.055	-3.302	0.051
0.054	0.001				
	T1+GR1+P1	13.171	10.001	-3.584	0.052
0.058	-0.867				
251 M	Gravity{1}	0.046	0.058	-3.139	0.070
0.032	0.001				
	T1+GR1+P1	20.105	3.841	-3.440	0.072
0.035	-0.540				
251 F	Gravity{1}	0.040	0.050	-2.245	0.062
0.029	0.001				
	T1+GR1+P1	24.718	4.507	-2.503	0.066
0.029	-0.164				

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Point	Load	TRANSLATIONS (mm)			
ROTATIONS (deg)					
name	combination	X	Y	Z	X
Y	Z				
252	Gravity{1}	0.014	0.017	0.000	-0.004
0.006	0.001				
	T1+GR1+P1	26.822	10.117	0.000	0.000
0.007	-0.001				
254 N	Gravity{1}	-0.029	0.027	-2.471	-0.071
0.017	0.001				
	T1+GR1+P1	21.650	13.074	-2.202	-0.067
0.016	0.162				
254 M	Gravity{1}	-0.038	0.030	-3.418	-0.081
0.020	0.001				
	T1+GR1+P1	17.734	10.603	-3.102	-0.076
0.022	0.538				
254 F	Gravity{1}	-0.039	0.024	-3.561	-0.082
0.010	0.001				
	T1+GR1+P1	16.503	1.452	-3.267	-0.077
0.008	0.864				
256 N	Gravity{1}	-0.021	-0.026	0.743	-0.084
0.057	0.001				
	T1+GR1+P1	32.758	-60.776	0.761	-0.081
0.054	0.876				
256 M	Gravity{1}	-0.018	-0.031	1.621	-0.085
0.079	0.001				
	T1+GR1+P1	31.488	-70.297	1.623	-0.083
0.078	0.583				
256 F	Gravity{1}	-0.015	-0.027	1.472	-0.098
0.070	0.001				
	T1+GR1+P1	26.973	-73.295	1.483	-0.099
0.071	0.241				
257	Gravity{1}	-0.015	-0.012	0.000	-0.111
0.063	0.001				
	T1+GR1+P1	22.374	-73.019	0.000	-0.114
0.064	0.176				

258	Gravity{1}	0.002	-0.005	0.000	0.006
0.078	0.001				
	T1+GR1+P1	19.565	-52.320	-0.425	0.004
0.081	-0.072				
259	Gravity{1}	-0.006	-0.007	0.000	-0.026
0.040	0.000				
	T1+GR1+P1	16.091	-33.811	0.000	-0.027
0.042	0.016				
260	Gravity{1}	0.001	-0.003	0.000	-0.005
0.023	0.000				
	T1+GR1+P1	6.535	-17.358	-0.218	-0.007
0.023	0.008				
261	Gravity{1}	0.000	0.000	0.000	0.000
0.000	0.000				
	T1+GR1+P1	0.000	0.000	0.000	0.000
0.000	0.000				
262	Gravity{1}	0.001	-0.003	0.000	-0.010
0.017	0.000				
	T1+GR1+P1	-6.481	17.545	0.154	-0.010
0.014	-0.006				
263	Gravity{1}	-0.024	-0.014	0.000	-0.007
0.040	0.001				
	T1+GR1+P1	-10.627	36.322	0.000	-0.005
0.035	-0.013				
264	Gravity{1}	0.002	-0.007	0.000	-0.041
0.050	0.001				
	T1+GR1+P1	-19.769	53.138	0.702	-0.038
0.041	0.061				
265	Gravity{1}	0.106	0.032	0.000	0.014
0.094	0.000				
	T1+GR1+P1	-27.951	71.801	0.000	0.012
0.083	-0.179				
267 N	Gravity{1}	0.123	0.030	0.802	-0.016
0.086	0.000				
	T1+GR1+P1	-22.198	77.036	0.651	-0.019
0.077	-0.276				

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D I S P L A C E M E N T S

Point	Load	TRANSLATIONS (mm)			
ROTATIONS (deg)					
name	combination	X	Y	Z	X
Y	Z				
267 M	Gravity{1}	0.124	0.031	0.453	-0.023
0.084	0.000				
	T1+GR1+P1	-16.414	77.727	0.262	-0.028
0.076	-0.609				
267 F	Gravity{1}	0.115	0.031	-0.402	-0.003
0.064	0.000				
	T1+GR1+P1	-9.021	71.174	-0.588	-0.012
0.057	-0.894				
269 N	Gravity{1}	0.068	0.058	-3.076	0.038
0.024	0.000				
	T1+GR1+P1	21.699	8.736	-3.151	0.031
0.020	-0.880				
269 M	Gravity{1}	0.065	0.065	-2.683	0.064
0.004	0.000				
	T1+GR1+P1	28.775	2.487	-2.780	0.060
0.006	-0.556				
269 F	Gravity{1}	0.061	0.062	-1.790	0.064
0.008	0.000				
	T1+GR1+P1	33.615	3.172	-1.899	0.066
0.011	-0.184				
270	Gravity{1}	0.038	0.036	0.000	0.012
0.030	0.000				
	T1+GR1+P1	36.658	8.728	0.000	0.015
0.031	-0.032				
272 N	Gravity{1}	0.003	0.039	-1.683	-0.038
0.052	0.000				
	T1+GR1+P1	33.386	11.942	-1.505	-0.035
0.051	0.125				
272 M	Gravity{1}	-0.011	0.042	-2.551	-0.038
0.049	0.001				
	T1+GR1+P1	29.742	9.681	-2.311	-0.031
0.050	0.522				

272 F	Gravity{1}	-0.018	0.040	-3.025	-0.036	-
0.016	0.001					
	T1+GR1+P1	28.562	0.581	-2.771	-0.024	-
0.016	0.871					
274 N	Gravity{1}	0.015	0.013	-1.361	-0.024	
0.041	0.001					
	T1+GR1+P1	46.473	-66.382	-1.242	-0.016	
0.042	0.890					
274 F	Gravity{1}	0.032	0.003	-0.077	-0.021	
0.076	0.001					
	T1+GR1+P1	40.716	-79.104	0.053	-0.028	
0.075	0.243					
275	Gravity{1}	0.031	0.001	0.000	-0.031	
0.071	0.001					
	T1+GR1+P1	36.310	-78.898	0.000	-0.039	
0.069	0.181					
276	Gravity{1}	0.028	0.003	-0.270	-0.042	
0.065	0.001					
	T1+GR1+P1	32.676	-78.225	-0.455	-0.052	
0.063	0.123					
277	Gravity{1}	0.003	-0.008	0.000	-0.010	
0.067	0.001					
	T1+GR1+P1	26.021	-69.274	-1.113	-0.012	
0.069	-0.014					
278	Gravity{1}	0.045	0.008	0.000	-0.082	
0.029	0.001					
	T1+GR1+P1	21.822	-56.346	0.000	-0.078	
0.032	0.003					
279	Gravity{1}	0.002	-0.006	0.000	0.073	
0.063	0.000					
	T1+GR1+P1	13.136	-35.367	-0.532	0.072	
0.064	0.001					
280	Gravity{1}	-0.001	-0.005	0.000	-0.100	-
0.014	0.000					
	T1+GR1+P1	8.984	-23.898	0.000	-0.098	-
0.012	-0.001					

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D I S P L A C E M E N T S

Point	Load	TRANSLATIONS (mm)			
ROTATIONS (deg)					
name	combination	X	Y	Z	X
Y	Z				
281	Gravity{1}	0.000	0.000	0.000	0.000
0.000	0.000				
	T1+GR1+P1	0.000	0.000	0.000	0.000
0.000	0.000				
282	Gravity{1}	0.001	-0.002	0.000	-0.019
0.012	0.000				
	T1+GR1+P1	-6.244	16.670	0.155	-0.019
0.011	-0.006				
283	Gravity{1}	0.000	-0.004	0.000	-0.005
0.038	0.000				
	T1+GR1+P1	-10.216	36.338	0.000	-0.004
0.036	-0.015				
284	Gravity{1}	0.002	-0.005	0.000	-0.016
0.055	0.000				
	T1+GR1+P1	-19.892	52.712	0.525	-0.016
0.051	0.074				
285	Gravity{1}	0.051	0.014	0.000	-0.015
0.075	0.000				
	T1+GR1+P1	-34.520	65.260	0.000	-0.017
0.071	-0.074				
287 N	Gravity{1}	0.055	0.015	0.022	-0.032
0.071	0.000				
	T1+GR1+P1	-32.978	68.172	-0.049	-0.035
0.067	-0.137				
287 M	Gravity{1}	0.057	0.018	-0.502	-0.035
0.069	0.000				
	T1+GR1+P1	-29.206	69.000	-0.587	-0.037
0.067	-0.437				
287 F	Gravity{1}	0.056	0.021	-1.308	-0.013
0.047	0.000				
	T1+GR1+P1	-23.346	64.174	-1.393	-0.014
0.047	-0.706				

289 N	Gravity{1}	0.048	0.039	-2.849	0.040	
0.003	0.000					
	T1+GR1+P1	5.352	9.544	-3.032	0.040	
0.004	-0.706					
289 M	Gravity{1}	0.045	0.039	-2.271	0.063	-
0.020	0.000					
	T1+GR1+P1	11.169	4.727	-2.462	0.064	-
0.019	-0.440					
289 F	Gravity{1}	0.040	0.032	-1.397	0.062	-
0.023	0.000					
	T1+GR1+P1	14.961	5.512	-1.557	0.064	-
0.023	-0.142					
290	Gravity{1}	0.019	0.010	0.000	0.005	-
0.040	0.000					
	T1+GR1+P1	17.006	10.703	0.000	0.008	-
0.040	-0.031					
292 N	Gravity{1}	-0.014	0.020	-2.305	-0.053	-
0.058	0.000					
	T1+GR1+P1	14.691	14.288	-2.135	-0.051	-
0.057	0.076					
292 M	Gravity{1}	-0.023	0.024	-3.393	-0.058	-
0.055	0.000					
	T1+GR1+P1	12.006	13.061	-3.193	-0.055	-
0.056	0.354					
292 F	Gravity{1}	-0.024	0.022	-3.902	-0.057	-
0.014	0.000					
	T1+GR1+P1	10.844	6.814	-3.714	-0.054	-
0.015	0.604					
294 N	Gravity{1}	-0.018	-0.011	-0.364	-0.054	
0.059	0.000					
	T1+GR1+P1	22.770	-46.629	-0.347	-0.053	
0.058	0.616					
294 M	Gravity{1}	-0.017	-0.014	0.596	-0.053	
0.086	0.000					
	T1+GR1+P1	21.587	-53.208	0.604	-0.053	
0.086	0.397					

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D I S P L A C E M E N T S

Point	Load	TRANSLATIONS (mm)			
ROTATIONS (deg)					
name	combination	X	Y	Z	X
Y	Z				
294 F	Gravity{1}	-0.014	-0.014	0.856	-0.062
0.080	0.000				
	T1+GR1+P1	18.370	-54.938	0.867	-0.063
0.081	0.149				
295	Gravity{1}	-0.010	-0.006	0.000	-0.080
0.069	0.000				
	T1+GR1+P1	14.893	-53.947	0.000	-0.081
0.070	0.096				
296	Gravity{1}	0.001	-0.002	0.000	-0.007
0.064	0.000				
	T1+GR1+P1	13.186	-33.561	-0.243	-0.008
0.065	-0.050				
297	Gravity{1}	-0.021	-0.009	0.000	-0.010
0.031	0.000				
	T1+GR1+P1	7.408	-15.840	0.000	-0.011
0.031	0.014				
298	Gravity{1}	0.000	0.000	0.000	0.000
0.000	0.000				
	T1+GR1+P1	0.000	0.000	0.000	0.000
0.000	0.000				
299	Gravity{1}	0.002	-0.006	0.000	-0.004
0.019	0.000				
	T1+GR1+P1	-6.182	16.163	0.129	-0.002
0.010	-0.006				
300	Gravity{1}	-0.017	-0.018	0.000	-0.018
0.034	0.001				
	T1+GR1+P1	-9.955	32.719	0.000	-0.006
0.020	-0.013				
301	Gravity{1}	0.006	-0.015	-0.001	-0.027
0.053	0.001				
	T1+GR1+P1	-18.664	48.529	1.920	-0.017
0.027	0.058				

302	Gravity{1}	0.373	0.126	0.000	0.015	
0.090	0.000					
	T1+GR1+P1	-27.139	63.642	0.000	0.004	
0.058	-0.137					
304 N	Gravity{1}	0.378	0.123	0.426	0.009	
0.089	0.000					
	T1+GR1+P1	-26.050	65.043	0.220	-0.002	
0.058	-0.166					
304 M	Gravity{1}	0.375	0.123	0.372	-0.004	
0.087	0.000					
	T1+GR1+P1	-21.896	65.862	0.001	-0.021	
0.057	-0.467					
304 F	Gravity{1}	0.355	0.124	-0.361	0.013	
0.067	0.000					
	T1+GR1+P1	-15.795	60.772	-0.668	-0.012	
0.041	-0.730					
306 N	Gravity{1}	0.268	0.182	-2.857	0.049	
0.025	0.000					
	T1+GR1+P1	11.591	8.189	-2.300	0.027	
0.004	-0.723					
306 M	Gravity{1}	0.262	0.199	-2.420	0.069	
0.002	0.001					
	T1+GR1+P1	17.491	3.278	-1.885	0.052	-
0.014	-0.442					
306 F	Gravity{1}	0.249	0.200	-1.539	0.059	-
0.001	0.001					
	T1+GR1+P1	21.191	4.054	-1.155	0.052	-
0.016	-0.124					
A18	Gravity{1}	0.249	0.200	-1.537	0.059	-
0.001	0.001					
	T1+GR1+P1	21.194	4.059	-1.153	0.052	-
0.016	-0.124					
307	Gravity{1}	0.185	0.161	0.000	0.000	-
0.021	0.002					
	T1+GR1+P1	22.223	8.867	0.000	-0.004	-
0.031	0.000					

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Point	Load	TRANSLATIONS (mm)			
ROTATIONS (deg)					
name	combination	X	Y	Z	X
Y	Z				
309 N	Gravity{1}	0.098	0.150	-2.246	-0.059
0.041	0.002				
	T1+GR1+P1	18.252	11.831	-2.430	-0.060
0.047	0.124				
309 M	Gravity{1}	0.069	0.148	-3.291	-0.069
0.043	0.002				
	T1+GR1+P1	14.925	9.968	-3.464	-0.060
0.047	0.446				
309 F	Gravity{1}	0.058	0.140	-3.698	-0.070
0.008	0.003				
	T1+GR1+P1	13.736	2.302	-3.852	-0.054
0.006	0.732				
310	Gravity{1}	0.180	0.074	-0.010	-0.074
0.052	0.003				
	T1+GR1+P1	28.594	-57.393	-0.195	-0.058
0.056	0.740				
311 N	Gravity{1}	0.180	0.074	0.005	-0.074
0.052	0.003				
	T1+GR1+P1	28.631	-57.543	-0.179	-0.058
0.056	0.740				
311 M	Gravity{1}	0.202	0.065	0.839	-0.074
0.077	0.003				
	T1+GR1+P1	27.492	-65.307	0.738	-0.066
0.081	0.478				
311 F	Gravity{1}	0.198	0.062	0.797	-0.086
0.069	0.002				
	T1+GR1+P1	23.865	-67.528	0.783	-0.087
0.072	0.180				
A19	Gravity{1}	0.198	0.062	0.786	-0.087
0.069	0.002				
	T1+GR1+P1	23.823	-67.523	0.772	-0.087
0.072	0.179				

312	Gravity{1}	0.178	0.062	0.000	-0.094
0.064	0.002				
	T1+GR1+P1	21.384	-67.156	0.000	-0.096
0.067	0.141				

313	Gravity{1}	0.002	-0.006	0.000	-0.009
0.070	0.001				
	T1+GR1+P1	18.750	-48.017	-0.580	-0.011
0.074	-0.063				

314	Gravity{1}	-0.029	-0.017	0.000	-0.010
0.043	0.000				
	T1+GR1+P1	14.588	-30.160	0.000	-0.011
0.045	0.016				

315	Gravity{1}	0.001	-0.003	0.000	-0.014
0.019	0.000				
	T1+GR1+P1	6.297	-16.022	-0.313	-0.017
0.019	0.007				

316	Gravity{1}	0.000	0.000	0.000	0.000
0.000	0.000				
	T1+GR1+P1	0.000	-0.001	0.000	0.000
0.000	0.000				

317	Gravity{1}	0.000	0.000	0.000	0.000
0.000	0.000				
	T1+GR1+P1	0.000	0.001	0.000	0.000
0.000	0.000				

*** Segment A end ***

*** Segment B begin ***

318	Gravity{1}	0.000	0.000	0.000	0.000
0.000	0.000				
	T1+GR1+P1	0.000	0.000	0.000	0.000
0.000	0.000				

319	Gravity{1}	0.006	-0.008	-0.001	-0.012	-
0.012	0.000					
	T1+GR1+P1	-7.105	8.303	1.492	-0.017	-
0.012	0.002					

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D I S P L A C E M E N T S

Point	Load	TRANSLATIONS (mm)			
ROTATIONS (deg)					
name	combination	X	Y	Z	X
Y	Z				
-----	-----	-----	-----	-----	-----
320 N	Gravity{1}	0.005	-0.006	-0.019	-0.013
0.013	0.000				
	T1+GR1+P1	-7.161	8.366	1.483	-0.018
0.012	0.003				
320 M	Gravity{1}	0.005	-0.006	-0.021	-0.020
0.020	0.000				
	T1+GR1+P1	-7.165	8.370	1.482	-0.026
0.020	0.003				
320 F	Gravity{1}	0.005	-0.006	-0.023	-0.027
0.026	0.000				
	T1+GR1+P1	-7.169	8.374	1.479	-0.034
0.027	0.004				
B01	Gravity{1}	0.005	-0.005	-0.060	-0.028
0.027	0.000				
	T1+GR1+P1	-7.227	8.435	1.438	-0.035
0.028	0.004				
321	Gravity{1}	0.019	0.003	0.000	0.008
0.004	0.000				
	T1+GR1+P1	-20.437	20.653	0.000	0.000
0.008	0.011				
322	Gravity{1}	0.008	-0.009	0.000	0.016
0.012	0.000				
	T1+GR1+P1	-30.355	34.816	0.955	0.006
0.021	-0.049				
323	Gravity{1}	-0.022	-0.035	0.000	-0.055
0.051	0.000				
	T1+GR1+P1	-39.009	49.445	0.000	-0.068
0.045	0.107				
326 N	Gravity{1}	-0.165	0.125	-8.521	-0.121
0.097	0.000				
	T1+GR1+P1	-51.859	45.318	-8.566	-0.130
0.090	0.282				

326 M	Gravity{1}	-0.180	0.148	-10.093	-0.108	-
0.060	0.000					
	T1+GR1+P1	-54.965	40.433	-10.130	-0.116	-
0.060	0.598					
326 F	Gravity{1}	-0.179	0.134	-9.937	-0.124	-
0.003	-0.001					
	T1+GR1+P1	-52.321	31.194	-9.995	-0.131	-
0.011	0.856					
328 N	Gravity{1}	-0.265	-0.033	-2.774	-0.118	
0.065	0.000					
	T1+GR1+P1	-16.145	-14.999	-3.094	-0.121	
0.059	0.825					
328 M	Gravity{1}	-0.281	-0.050	-1.114	-0.127	
0.109	0.000					
	T1+GR1+P1	-13.821	-23.252	-1.497	-0.126	
0.108	0.471					
328 F	Gravity{1}	-0.261	-0.034	-0.232	-0.116	
0.135	0.001					
	T1+GR1+P1	-15.917	-26.090	-0.547	-0.113	
0.145	0.060					
329	Gravity{1}	-0.198	0.019	0.000	-0.123	
0.127	0.001					
	T1+GR1+P1	-17.565	-24.567	0.000	-0.117	
0.138	-0.038					
331 N	Gravity{1}	-0.147	0.075	-0.196	-0.130	
0.120	0.002					
	T1+GR1+P1	-17.502	-21.369	0.164	-0.121	
0.130	-0.137					
331 M	Gravity{1}	-0.119	0.117	-1.051	-0.103	
0.129	0.002					
	T1+GR1+P1	-13.534	-18.899	-0.496	-0.094	
0.150	-0.557					
331 F	Gravity{1}	-0.094	0.163	-2.640	-0.056	
0.115	0.002					
	T1+GR1+P1	-4.244	-21.913	-2.061	-0.042	
0.145	-0.918					

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D I S P L A C E M E N T S

Point	Load	TRANSLATIONS (mm)			
ROTATIONS (deg)					
name	combination	X	Y	Z	X
Y	Z				
333 N	Gravity{1}	-0.018	0.318	-9.216	0.013
0.116	0.003				
	T1+GR1+P1	45.093	-63.752	-9.147	0.025
0.139	-0.939				
333 M	Gravity{1}	0.001	0.313	-9.276	0.067
0.099	0.002				
	T1+GR1+P1	55.025	-67.040	-9.123	0.077
0.110	-0.642				
333 F	Gravity{1}	0.028	0.269	-7.721	0.100
0.109	0.001				
	T1+GR1+P1	60.366	-64.050	-7.437	0.104
0.103	-0.286				
334	Gravity{1}	0.116	0.084	0.000	0.056
0.050	0.001				
	T1+GR1+P1	64.840	-52.354	0.000	0.055
0.033	-0.102				
336	Gravity{1}	0.021	-0.019	-0.001	-0.013
0.022	0.000				
	T1+GR1+P1	49.607	-45.332	-2.531	-0.006
0.031	0.063				
337	Gravity{1}	0.008	-0.027	0.000	0.013
0.012	0.000				
	T1+GR1+P1	35.496	-36.799	0.000	0.019
0.008	-0.013				
338	Gravity{1}	0.016	-0.014	-0.001	-0.017
0.019	0.000				
	T1+GR1+P1	26.464	-24.485	-1.491	-0.019
0.029	-0.013				
339	Gravity{1}	0.004	-0.012	0.000	0.007
0.008	0.000				
	T1+GR1+P1	12.998	-11.285	0.000	0.010
0.008	0.001				

340	Gravity{1}	-0.005	0.001	-0.187	0.021
0.025	0.000				
	T1+GR1+P1	1.247	-0.670	-0.207	0.019
0.022	0.003				
341 N	Gravity{1}	-0.003	0.000	-0.129	0.020
0.025	0.000				
	T1+GR1+P1	1.131	-0.570	-0.149	0.018
0.022	0.003				
341 M	Gravity{1}	-0.003	0.000	-0.123	0.014
0.018	0.000				
	T1+GR1+P1	1.116	-0.558	-0.142	0.013
0.015	0.004				
341 F	Gravity{1}	-0.003	0.000	-0.119	0.009
0.010	0.000				
	T1+GR1+P1	1.099	-0.547	-0.138	0.008
0.009	0.005				
B04	Gravity{1}	-0.002	0.000	-0.095	0.008
0.009	0.000				
	T1+GR1+P1	0.961	-0.481	-0.113	0.007
0.008	0.005				
342	Gravity{1}	0.000	0.000	0.000	0.000
0.000	0.000				
	T1+GR1+P1	0.000	0.000	0.000	0.000
0.000	0.000				
343	Gravity{1}	0.036	0.027	0.000	-0.221
0.132	0.008				
	T1+GR1+P1	-13.516	9.369	0.000	-0.217
0.132	0.001				
344	Gravity{1}	0.031	-0.018	-0.001	-0.471
0.224	0.021				
	T1+GR1+P1	-28.582	16.115	1.245	-0.466
0.217	0.048				
345	Gravity{1}	-0.169	-0.401	0.000	-0.633
0.489	0.033				
	T1+GR1+P1	-47.392	18.141	0.000	-0.624
0.481	0.060				

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D I S P L A C E M E N T S

Point	Load	TRANSLATIONS (mm)			
ROTATIONS (deg)					
name	combination	X	Y	Z	X
Y	Z				
346	Gravity{1}	0.051	-0.028	-0.002	-1.139
0.133	0.039				
	T1+GR1+P1	-59.081	32.480	2.815	-1.123
0.143	-0.092				
348 N	Gravity{1}	-5.381	5.491	-177.811	-1.495
0.209	0.048				
	T1+GR1+P1	-74.302	64.805	-170.935	-1.468
0.199	0.240				
348 M	Gravity{1}	-5.278	5.425	-174.168	-1.457
0.554	0.053				
	T1+GR1+P1	-75.484	59.070	-167.506	-1.418
0.524	0.687				
348 F	Gravity{1}	-4.789	4.793	-153.289	-1.535
0.728	0.055				
	T1+GR1+P1	-67.757	49.519	-147.449	-1.484
0.682	1.053				
350 N	Gravity{1}	-2.655	1.341	-43.252	-1.375
0.941	0.053				
	T1+GR1+P1	-5.773	15.073	-41.878	-1.325
0.892	1.035				
350 M	Gravity{1}	-2.371	0.769	-23.384	-1.193
0.871	0.036				
	T1+GR1+P1	1.243	6.661	-22.837	-1.150
0.834	0.632				
350 F	Gravity{1}	-2.202	0.588	-11.744	-1.105
0.928	0.024				
	T1+GR1+P1	0.683	1.680	-11.587	-1.070
0.904	0.164				
B05	Gravity{1}	-2.200	0.588	-11.662	-1.104
0.928	0.024				
	T1+GR1+P1	0.661	1.663	-11.506	-1.069
0.904	0.163				

351	Gravity{1}	-1.861	0.693	0.000	-0.978	
0.895	0.020					
	T1+GR1+P1	-1.868	0.672	0.000	-0.946	
0.875	0.047					
353 N	Gravity{1}	-1.505	0.840	11.665	-0.860	
0.838	0.015					
	T1+GR1+P1	-3.372	2.295	11.573	-0.831	
0.822	-0.072					
353 M	Gravity{1}	-1.278	1.041	12.270	-0.722	
0.866	0.007					
	T1+GR1+P1	-0.788	6.010	12.327	-0.702	
0.861	-0.551					
353 F	Gravity{1}	-1.000	1.238	5.299	-0.389	
0.834	-0.003					
	T1+GR1+P1	9.375	7.239	5.554	-0.382	
0.841	-0.964					
355 N	Gravity{1}	0.408	1.507	-31.517	-0.226	
0.726	-0.007					
	T1+GR1+P1	75.669	-11.025	-31.093	-0.224	
0.736	-0.992					
355 M	Gravity{1}	0.634	1.545	-33.307	-0.139	
0.702	-0.003					
	T1+GR1+P1	87.177	-9.452	-32.898	-0.145	
0.705	-0.620					
355 F	Gravity{1}	0.630	1.540	-27.315	-0.180	
0.604	0.002					
	T1+GR1+P1	89.967	-4.572	-26.978	-0.191	
0.602	-0.176					
356	Gravity{1}	0.264	1.216	0.000	-0.214	
0.347	0.004					
	T1+GR1+P1	85.287	0.779	0.000	-0.226	
0.347	0.016					
357	Gravity{1}	-0.010	0.002	0.000	-0.248	-
0.033	0.003					
	T1+GR1+P1	65.488	-15.076	0.365	-0.258	-
0.029	0.107					

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Point	Load	TRANSLATIONS (mm)			
ROTATIONS (deg)					
name	combination	X	Y	Z	X
Y	Z				
358	Gravity{1}	-0.061	-0.233	0.000	-0.167
0.063	-0.002				
	T1+GR1+P1	47.453	-16.346	0.000	-0.174
0.062	-0.023				
359	Gravity{1}	-0.003	0.001	0.000	-0.116
0.021	-0.001				
	T1+GR1+P1	31.923	-7.496	-0.212	-0.120
0.023	-0.017				
360	Gravity{1}	-0.003	-0.006	0.000	-0.056
0.019	0.001				
	T1+GR1+P1	15.636	-3.082	0.000	-0.058
0.019	0.005				
361	Gravity{1}	-0.001	0.001	-0.096	-0.004
0.015	-0.001				
	T1+GR1+P1	0.996	-0.127	-0.102	-0.004
0.015	0.001				
362 N	Gravity{1}	0.000	0.002	-0.086	-0.004
0.014	-0.001				
	T1+GR1+P1	0.937	-0.113	-0.091	-0.004
0.014	0.001				
362 F	Gravity{1}	-0.001	0.002	-0.085	0.000
0.013	0.000				
	T1+GR1+P1	0.935	-0.118	-0.091	-0.001
0.012	0.002				
B06	Gravity{1}	-0.001	0.001	-0.076	0.000
0.012	0.000				
	T1+GR1+P1	0.874	-0.111	-0.082	-0.001
0.012	0.002				
363	Gravity{1}	0.000	0.000	0.000	0.000
0.000	0.000				
	T1+GR1+P1	0.000	0.000	0.000	0.000
0.000	0.000				

364	Gravity{1}	-0.007	0.001	0.000	-0.006	-
0.031	0.000					
	T1+GR1+P1	-20.536	3.026	0.061	-0.017	-
0.104	0.000					
365	Gravity{1}	-0.030	-0.046	-2.386	0.008	
0.078	0.000					
	T1+GR1+P1	-41.969	6.201	-28.445	0.004	
0.048	0.000					
367 N	Gravity{1}	-0.025	-0.054	-0.339	0.004	
0.049	0.000					
	T1+GR1+P1	-44.987	6.647	-26.302	0.010	
0.092	0.000					
367 M	Gravity{1}	0.082	-0.055	0.003	-0.002	
0.010	0.000					
	T1+GR1+P1	-44.794	6.639	-23.369	0.046	
0.341	0.000					
367 F	Gravity{1}	0.031	-0.002	0.002	-0.006	-
0.015	0.000					
	T1+GR1+P1	-39.537	5.916	-20.147	0.083	
0.591	0.000					
368	Gravity{1}	-1.485	0.603	0.016	-0.006	-
0.010	0.000					
	T1+GR1+P1	18.027	-2.136	-12.009	0.088	
0.628	0.000					
369 N	Gravity{1}	-1.487	0.604	0.016	-0.006	-
0.010	0.000					
	T1+GR1+P1	18.112	-2.148	-11.997	0.088	
0.628	0.000					
369 M	Gravity{1}	-1.435	0.655	0.064	-0.003	
0.017	0.000					
	T1+GR1+P1	24.194	-2.982	-8.376	0.061	
0.452	0.000					
369 F	Gravity{1}	-1.350	0.674	0.226	-0.006	-
0.002	-0.001					
	T1+GR1+P1	25.011	-3.071	-3.960	0.027	
0.218	0.000					

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D I S P L A C E M E N T S

Point	Load	TRANSLATIONS (mm)			
ROTATIONS (deg)					
name	combination	X	Y	Z	X
Y	Z				
-----	-----	-----	-----	-----	-----
B61	Gravity{1}	-1.351	0.690	0.000	-0.009
0.027	-0.001				
	T1+GR1+P1	23.196	-2.795	0.000	0.018
0.157	-0.001				
B63	Gravity{1}	-1.330	0.883	0.000	-0.004
0.020	-0.001				
	T1+GR1+P1	3.195	0.297	0.000	-0.037
0.202	-0.001				
371 N	Gravity{1}	-1.328	0.904	-0.008	-0.008
0.009	-0.001				
	T1+GR1+P1	1.346	0.589	-5.043	-0.050
0.286	-0.001				
371 M	Gravity{1}	-1.154	0.855	-0.394	-0.013
0.037	-0.001				
	T1+GR1+P1	2.873	0.339	-11.135	-0.102
0.645	-0.001				
371 F	Gravity{1}	-0.845	0.724	-0.560	-0.009
0.011	-0.001				
	T1+GR1+P1	12.065	-1.103	-16.035	-0.144
0.927	0.000				
373 N	Gravity{1}	-0.402	-0.047	-0.577	-0.009
0.006	-0.001				
	T1+GR1+P1	96.117	-14.238	-24.145	-0.141
0.891	0.000				
373 M	Gravity{1}	-0.199	-0.174	-0.693	-0.013
0.030	-0.001				
	T1+GR1+P1	104.470	-15.604	-28.652	-0.091
0.534	0.000				
373 F	Gravity{1}	-0.009	-0.234	-1.264	-0.018
0.061	-0.001				
	T1+GR1+P1	105.349	-15.809	-33.237	-0.039
0.160	0.001				

374	Gravity{1}	-0.068	-0.185	-4.288	-0.022	-
0.089	-0.001					
	T1+GR1+P1	101.569	-15.284	-37.547	-0.026	-
0.067	0.001					
375	Gravity{1}	0.043	-0.006	-0.001	-0.003	
0.057	0.000					
	T1+GR1+P1	80.890	-12.134	-1.109	0.002	
0.156	-0.002					
376	Gravity{1}	0.033	-0.006	0.000	-0.012	-
0.033	0.000					
	T1+GR1+P1	61.479	-8.607	0.000	-0.023	-
0.056	0.000					
377	Gravity{1}	0.025	0.014	0.000	-0.004	
0.019	0.000					
	T1+GR1+P1	39.780	-5.899	0.000	-0.008	
0.024	0.001					
378	Gravity{1}	0.012	-0.002	0.000	-0.003	
0.000	0.000					
	T1+GR1+P1	19.556	-2.876	-0.187	-0.006	-
0.002	0.000					
379	Gravity{1}	0.000	0.000	0.000	0.000	
0.000	0.000					
	T1+GR1+P1	0.001	0.000	0.000	0.000	
0.000	0.000					
380	Gravity{1}	0.000	0.000	0.000	0.001	-
0.001	0.000					
	T1+GR1+P1	1.667	11.660	0.000	0.001	-
0.001	-0.002					
381	Gravity{1}	0.000	0.000	0.000	0.000	
0.000	0.000					
	T1+GR1+P1	-0.001	0.000	0.000	0.000	
0.000	0.000					

*** Segment B end ***

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-----
( Force - N      , Moment - N.m      , Tran. - mm , Rot. - deg )
Point/ Connect/ Load                L O C A L
G L O B A L
Supp. ID  Type  Combination          Dirn  Force  Deform
Dirn  Force  Deform
-----
--

Tag No.: PB
1          Gravity{1}                back    422    0.000
X          422    0.000
1  1  Line Stp                      down          0.000
Y          -15    0.000
Stiff :RIGID                        left          0.000
Z          -1    0.000

          T1+GR1+P1                  back    22014  0.000
X          22000  0.000
Comp.Wt : 65.000                     down          0.000
Y          -782    0.000
          left          0.000
Z          -78    0.000

Tag No.: KU-A
2          Gravity{1}                down    22655  0.000
X          -180    0.002
2  1  Guide                          left      7    0.000
Y          -1    0.000
Stiff :RIGID                        back          0.002
Z          -22655  0.000

          T1+GR1+P1                  down    23245  0.000
X          -7325  -8.889
Comp.Wt : 0.000                      rght      650    0.000
Y          911    0.316
          forw      7168  8.895
Z          -23187  0.070

Tag No.: KU-B
3          Gravity{1}                down    26007  0.000
X          0.005
3  1  V - Stop                      +X          0.005
Y          -0.012
Stiff :RIGID                        -Y          0.012
Z          -26007  0.000

          T1+GR1+P1                  down    25517  0.000
X          -7606  -26.607
```

Comp.Wt :	60.000	-X	7606	26.607
Y	869 3.030	+Y	869	3.030
Z	-25517 0.000			
Tag No.: KU-A				
4	Gravity{1}	down	24162	0.000
X	-649 0.008	rght	0	0.000
4	1 Guide	back		0.008
Y	24 0.000			
Stiff	:RIGID			
Z	-24154 0.000			
T1+GR1+P1				
X	-9705 -42.999	down	25187	0.000
Comp.Wt :	0.000	left	4391	0.000
Y	-4032 1.605	forw	8873	43.045
Z	-24939 1.158			
Tag No.: KU-B				
5	Gravity{1}	down	25104	0.000
X	0.018	+X		0.018
5	1 V - Stop	+Y		0.244
Y	0.244			
Stiff	:RIGID			
Z	-25104 0.000			
T1+GR1+P1				
X	-7303 -60.221	down	24393	0.000
Comp.Wt :	60.000	-X	7303	60.221
Y	-461 -3.555	-Y	461	3.555
Z	-24393 0.000			
Tag No.: KU-B				
10	Gravity{1}	down	29928	0.000
X	-0.032	-X		0.032
10	1 V - Stop	+Y		0.168
Y	0.168			
Stiff	:RIGID			
Z	-29928 0.000			
T1+GR1+P1				
X	1218 2.634	down	29869	0.000

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```
-----
( Force - N      , Moment - N.m      , Tran. - mm , Rot. - deg )
Point/ Connect/ Load
G L O B A L
Supp. ID  Type  Combination  Dirn  Force  Deform
Dirn  Force  Deform
-----
Comp.Wt : 60.000
Y      8878  19.593
Z      -29869  0.000

Tag No.: KU-B
15      Gravity{1}
X      0.011
15  1  V - Stop
Y      0.067
Stiff :RIGID
Z      -25206  0.000

T1+GR1+P1
X      7528  68.927
Comp.Wt : 60.000
Y      -1277 -11.626
Z      -25450  0.000

Tag No.: KU-A
16      Gravity{1}
X      -366  0.008
16  1  Guide
Y      15  0.000
Stiff :RIGID
Z      -27244  0.000

T1+GR1+P1
X      8950  50.961
Comp.Wt : 0.000
Y      -4893 -1.969
Z      -27238 -0.685

Tag No.: KU-B
17      Gravity{1}
X      0.007
17  1  V - Stop
Y      0.031
```

Stiff :RIGID		+Y		0.031
Z -25182 0.000				
	T1+GR1+P1	down	25375	0.000
X 7603 33.563				
Comp.Wt : 60.000		+X	7603	33.563
Y 386 1.735				
		+Y	386	1.735
Z -25375 0.000				
Tag No.: KU-A				
18	Gravity{1}	down	24401	0.000
X -596 0.005				
18 1 Guide		left	6	0.000
Y 15 0.000				
Stiff :RIGID		back		0.005
Z -24394 0.000				
	T1+GR1+P1	down	24811	0.000
X 7034 16.629				
Comp.Wt : 0.000		right	607	0.000
Y 357 -0.593				
		back	7625	16.644
Z -24990 -0.407				
Tag No.: PB				
19	Gravity{1}	back	853	0.000
X 852 0.000				
19 1 Line Stp		down		0.000
Y -30 0.000				
Stiff :RIGID		left		0.000
Z 0.000				
	T1+GR1+P1	back	6008	0.000
X 6004 0.000				
Comp.Wt : 65.000		down		0.000
Y -214 0.000				
		left		0.000
Z 0.000				
Tag No.: KU-B				
20	Gravity{1}	down	24506	0.000
X 0.003				
20 1 V - Stop		+X		0.003
Y -0.001				
Stiff :RIGID		-Y		0.001
Z -24506 0.000				

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```
-----
( Force - N      , Moment - N.m      , Tran. - mm , Rot. - deg )
Point/ Connect/ Load          L O C A L
G L O B A L
Supp. ID  Type  Combination  Dirn  Force  Deform
Dirn  Force  Deform
-----
--
T1+GR1+P1
X      -7406 -15.214
Comp.Wt : 60.000
Y       136   0.277
Z      -24690  0.000

Tag No.: KU-A
21      Gravity{1}
X      -347   0.007
21   1   Guide
Y       9   0.000
Stiff   :RIGID
Z      -26747  0.000

T1+GR1+P1
X      -8653 -32.696
Comp.Wt : 0.000
Y       704   1.178
Z      -27228  0.424

Tag No.: KU-B
22      Gravity{1}
X       0.009
22   1   V - Stop
Y      -0.007
Stiff   :RIGID
Z      -25527  0.000

T1+GR1+P1
X      -7437 -50.710
Comp.Wt : 60.000
Y       679   4.622
Z      -24893  0.000

Tag No.: KU-A
23      Gravity{1}
X      -398   0.011
S U P P O R T      F O R C E S
, Tran. - mm , Rot. - deg )
L O C A L
Dirn  Force  Deform
-----
down    24690  0.000
-X      7406  15.214
+Y      136   0.277
down    26750  0.000
left     4     0.000
back     0.007
down    27338  0.000
rght     392   0.000
forw    8319  32.720
down    25527  0.000
+X       0.009
-Y       0.007
down    24893  0.000
-X      7437  50.710
+Y      679   4.622
down    24231  0.000
```

23	1	Guide		right	1	0.000
Y		17	0.000			
Stiff		:RIGID		back		0.011
Z		-24228	0.000			
			T1+GR1+P1	down	24914	0.000
X		-9551	-67.124			
Comp.Wt :		0.000		left	4952	0.000
Y		-4589	2.579			
				forw	8960	67.183
Z		-24763	1.104			
Tag No.:		KU-B				
24			Gravity{1}	down	26053	0.000
X			0.014			
24	1	V - Stop		+X		0.014
Y			0.086			
Stiff		:RIGID		+Y		0.086
Z		-26053	0.000			
			T1+GR1+P1	down	25508	0.000
X		-7652	-84.471			
Comp.Wt :		60.000		-X	7652	84.471
Y		60	0.751			
				+Y	60	0.751
Z		-25508	0.000			
Tag No.:		KU-B				
29			Gravity{1}	down	29830	0.000
X			-0.025			
29	1	V - Stop		-X		0.025
Y			0.031			
Stiff		:RIGID		+Y		0.031
Z		-29830	0.000			
			T1+GR1+P1	down	29802	0.000
X		319	1.126			
Comp.Wt :		60.000		+X	319	1.126
Y		8935	32.272			
				+Y	8935	32.272
Z		-29802	0.000			
Tag No.:		KU-B				
34			Gravity{1}	down	25691	0.000
X			0.009			
34	1	V - Stop		+X		0.009
Y			-0.025			

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```
-----
( Force - N      , Moment - N.m      , Tran. - mm , Rot. - deg )
Point/ Connect/ Load                L O C A L
G L O B A L
Supp. ID  Type  Combination          Dirn  Force  Deform
Dirn  Force  Deform
-----
--
Stiff :RIGID                        -Y                0.025
Z      -25691  0.000

                                T1+GR1+P1
X      7814  84.245                down    26104  0.000
Comp.Wt : 60.000                  +X      7814  84.245
Y      -524  -5.670                -Y      524   5.670
Z      -26104  0.000

Tag No.: KU-A
35                                Gravity{1}
X      -324  0.010                down    25165  0.000
35  1  Guide                    left      1     0.000
Y      11   0.000                back     0.010
Stiff :RIGID
Z      -25163  0.000

                                T1+GR1+P1
X      8387  67.232                down    24715  0.000
Comp.Wt : 0.000                  left    4935  0.000
Y      -5251  -2.507                back    8895  67.284
Z      -24828  -0.866

Tag No.: KU-B
36                                Gravity{1}
X      0.009                    down    24638  0.000
36  1  V - Stop                  +X                0.009
Y      0.012                    +Y                0.012
Stiff :RIGID
Z      -24638  0.000

                                T1+GR1+P1
X      7572  50.287                down    25245  0.000
Comp.Wt : 60.000                  +X      7572  50.287
Y      124   0.834                +Y      124   0.834
Z      -25245  0.000

Tag No.: KU-A
```

37		Gravity{1}	down	24854	0.000
X	-399	0.007			
37	1	Guide	right	1	0.000
Y	16	0.000			
Stiff	:RIGID		back		0.007
Z	-24851	0.000			

		T1+GR1+P1	down	24569	0.000
X	7111	33.785			
Comp.Wt :	0.000		right	419	0.000
Y	153	-1.264			
			back	7496	33.813
Z	-24686	-0.544			

Tag No.: KU-B					
38		Gravity{1}	down	25656	0.000
X		0.003			
38	1	V - Stop	+X		0.003
Y		-0.003			
Stiff	:RIGID		-Y		0.003
Z	-25656	0.000			

		T1+GR1+P1	down	26514	0.000
X	7939	16.276			
Comp.Wt :	60.000		+X	7939	16.276
Y	-485	-0.998			
			-Y	485	0.998
Z	-26514	0.000			

Tag No.: PB					
39		Gravity{1}	back	755	0.000
X	755	0.000			
39	1	Line Stp	down		0.000
Y	-30	0.000			
Stiff	:RIGID		left		0.000
Z	-4	0.000			

		T1+GR1+P1	back	942	0.000
X	941	0.000			
Comp.Wt :	65.000		down		0.000
Y	-37	0.000			
			left		0.000
Z	-5	0.000			

Tag No.: KU-B

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```
-----
( Force - N      , Moment - N.m      , Tran. - mm , Rot. - deg )
Point/ Connect/ Load          L O C A L
G L O B A L
Supp. ID  Type  Combination      Dirn  Force  Deform
Dirn  Force  Deform
-----
40              Gravity{1}      down    23456   0.000
X              0.003
40  1  V - Stop      +X              0.003
Y              -0.005
Stiff :RIGID      -Y              0.005
Z    -23456   0.000

              T1+GR1+P1      down    23535   0.000
X    -7059 -15.036
Comp.Wt : 60.000      -X      7059  15.036
Y      158   0.331      +Y      158   0.331
Z    -23535   0.000

Tag No.: KU-A
41              Gravity{1}      down    25931   0.000
X    -358   0.006
41  1  Guide      left      1   0.000
Y      13   0.000
Stiff :RIGID      back              0.006
Z    -25928   0.000

              T1+GR1+P1      down    26330   0.000
X    -8357 -31.628
Comp.Wt : 0.000      right     386   0.000
Y      718   1.254      forw     8015  31.656
Z    -26217   0.438

Tag No.: KU-B
42              Gravity{1}      down    26145   0.000
X              0.008
42  1  V - Stop      +X              0.008
Y              0.004
Stiff :RIGID      +Y              0.004
Z    -26145   0.000

              T1+GR1+P1      down    25580   0.000
X    -7641 -49.628
Comp.Wt : 60.000      -X      7641  49.628
Y      714   4.644
```

Z	-25580	0.000		+Y	714	4.644
Tag No.: KU-A						
43			Gravity{1}	down	26636	0.000
X	-311	0.009				
43	1	Guide		right	1	0.000
Y	13	0.000				
	Stiff	:RIGID		back		0.009
Z	-26634	0.000				
T1+GR1+P1						
X	-10163	-67.006		down	27049	0.000
	Comp.Wt :	0.000		left	5145	0.000
Y	-4759	2.570		forw	9658	67.060
Z	-26935	0.783				
Tag No.: KU-B						
44			Gravity{1}	down	22933	0.000
X		0.009				
44	1	V - Stop		+X		0.009
Y		0.003				
	Stiff	:RIGID		+Y		0.003
Z	-22933	0.000				
T1+GR1+P1						
X	-6760	-84.487		down	22571	0.000
	Comp.Wt :	60.000		-X	6760	84.487
Y	385	4.809		+Y	385	4.809
Z	-22571	0.000				
Tag No.: KU-B						
49			Gravity{1}	down	29293	0.000
X		-0.016				
49	1	V - Stop		-X		0.016
Y		-0.056				
	Stiff	:RIGID		-Y		0.056
Z	-29293	0.000				
T1+GR1+P1						
X	452	1.729		down	29335	0.000
	Comp.Wt :	60.000		+X	452	1.729
Y	8789	33.867		+Y	8789	33.867
Z	-29335	0.000				

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-----
( Force - N      , Moment - N.m      , Tran. - mm , Rot. - deg )
Point/ Connect/ Load
G L O B A L
Supp. ID  Type  Combination  Dirn  Force  Deform
Dirn  Force  Deform
-----
Tag No.: KU-B
54          Gravity{1}          down    24444    0.000
X          0.005
54  1  V - Stop          +X          0.005
Y          -0.102
Stiff :RIGID          -Y          0.102
Z    -24444    0.000

          T1+GR1+P1          down    24968    0.000
X    7483  84.937
Comp.Wt : 60.000          +X    7483  84.937
Y    -343  -3.995          -Y    343  3.995
Z    -24968    0.000

Tag No.: KU-A
55          Gravity{1}          down    26309    0.000
X    -363  0.009
55  1  Guide          left    1    0.000
Y    13  0.000
Stiff :RIGID          back          0.009
Z    -26306    0.000

          T1+GR1+P1          down    25689    0.000
X    8656  67.153
Comp.Wt : 0.000          left    5018    0.000
Y    -5357  -2.606          back    9212  67.210
Z    -25814  -0.927

Tag No.: KU-B
56          Gravity{1}          down    25338    0.000
X          0.007
56  1  V - Stop          +X          0.007
Y          0.001
Stiff :RIGID          +Y          0.001
Z    -25338    0.000

          T1+GR1+P1          down    25927    0.000
X    7777  50.227
```

Comp.Wt :	60.000	+X	7777	50.227
Y	140 0.904	+Y	140	0.904
Z	-25927 0.000			

Tag No.: KU-A				
57	Gravity{1}	down	25290	0.000
X	-188 0.005			
57 1	Guide	right	2	0.000
Y	9 0.000			
Stiff	:RIGID	back		0.005
Z	-25289 0.000			

	T1+GR1+P1	down	24648	0.000
X	7337 32.724			
Comp.Wt :	0.000	right	388	0.000
Y	110 -1.243			
		back	7511	32.748
Z	-24704 -0.243			

Tag No.: KU-B				
58	Gravity{1}	down	24395	0.000
X	0.001			
58 1	V - Stop	+X		0.001
Y	-0.025			
Stiff	:RIGID	-Y		0.025
Z	-24395 0.000			

	T1+GR1+P1	down	26214	0.000
X	7847 15.936			
Comp.Wt :	60.000	+X	7847	15.936
Y	-518 -1.076			
		-Y	518	1.076
Z	-26214 0.000			

Tag No.: PB				
59	Gravity{1}	back	720	0.000
X	720 0.000			
59 1	Line Stp	down		0.000
Y	-30 0.000			
Stiff	:RIGID	left		0.000
Z	-1 0.000			

	T1+GR1+P1	back	252	0.000
X	251 0.000			
Comp.Wt :	65.000	down		0.000
Y	-10 0.000			

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```
-----
( Force - N      , Moment - N.m      , Tran. - mm , Rot. - deg )
Point/ Connect/ Load          L O C A L
G L O B A L
Supp. ID  Type  Combination      Dirn  Force  Deform
Dirn  Force  Deform
-----
--
Z          0    0.000
          Tag No.: KU-B
          60          Gravity{1}
X          0.003          down    24823    0.000
          60   1   V - Stop          +X          0.003
Y          -0.011          -Y          0.011
          Stiff :RIGID
Z     -24823    0.000
          T1+GR1+P1
X     -7567 -15.470          down    25231    0.000
          Comp.Wt : 60.000          -X          7567    15.470
Y          178    0.353          +Y          178    0.353
Z     -25231    0.000
          Tag No.: KU-A
          61          Gravity{1}
X     -304    0.008          down    25326    0.000
          61   1   Guide          left          0    0.000
Y          12    0.000          back          0.008
          Stiff :RIGID
Z     -25324    0.000
          T1+GR1+P1
X     -8105 -32.749          down    25636    0.000
          Comp.Wt : 0.000          rght          440    0.000
Y          777    1.360          forw          7823    32.780
Z     -25541    0.393
          Tag No.: KU-B
          62          Gravity{1}
X          0.011          down    25228    0.000
          62   1   V - Stop          +X          0.011
Y          0.002          +Y          0.002
          Stiff :RIGID
Z     -25228    0.000
-----
```

		T1+GR1+P1	down	24475	0.000
X	-7310	-49.618			
Comp.Wt :	60.000		-X	7310	49.618
Y	694	4.715			
			+Y	694	4.715
Z	-24475	0.000			

Tag No.: KU-A					
63		Gravity{1}	down	25137	0.000
X	-552	0.014			
63	1	Guide	rght	0	0.000
Y	22	-0.001			
Stiff	:RIGID		back		0.014
Z	-25131	0.000			

		T1+GR1+P1	down	26084	0.000
X	-10032	-66.807			
Comp.Wt :	0.000		left	4842	0.000
Y	-4449	2.637			
			forw	9278	66.875
Z	-25873	1.471			

Tag No.: KU-B					
64		Gravity{1}	down	25623	0.000
X		0.020			
64	1	V - Stop	+X		0.020
Y		0.160			
Stiff	:RIGID		+Y		0.160
Z	-25623	0.000			

		T1+GR1+P1	down	24863	0.000
X	-7456	-84.021			
Comp.Wt :	60.000		-X	7456	84.021
Y	210	2.528			
			+Y	210	2.528
Z	-24863	0.000			

Tag No.: KU-B					
69		Gravity{1}	down	29695	0.000
X		-0.057			
69	1	V - Stop	-X		0.057
Y		0.043			
Stiff	:RIGID		+Y		0.043
Z	-29695	0.000			

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```
-----
( Force - N      , Moment - N.m      , Tran. - mm , Rot. - deg )
Point/ Connect/ Load
G L O B A L
Supp. ID  Type  Combination  Dirn  Force  Deform
Dirn  Force  Deform
-----
--
T1+GR1+P1
X      819    3.092
Comp.Wt : 60.000
Y      8930   34.358
Z     -29893   0.000

Tag No.: KU-B
74      Gravity{1}
X      0.015
74    1    V - Stop
Y      -0.023
Stiff   :RIGID
Z     -23517   0.000

T1+GR1+P1
X      7221   92.016
Comp.Wt : 60.000
Y      -313   -4.013
Z     -24093   0.000

Tag No.: KU-A
75      Gravity{1}
X     -403    0.016
75    1    Guide
Y      19   -0.001
Stiff   :RIGID
Z     -27661   0.000

T1+GR1+P1
X      9043   74.894
Comp.Wt : 0.000
Y     -5636   -3.131
Z     -27103   -1.094

Tag No.: KU-B
76      Gravity{1}
X      0.016
```

76	1	V - Stop	+X		0.016
Y		0.044			
Stiff		:RIGID	+Y		0.044
Z	-28077	0.000			
		T1+GR1+P1	down	28274	0.000
X	8481	55.693			
Comp.Wt :	60.000		+X	8481	55.693
Y	121	0.837			
			+Y	121	0.837
Z	-28274	0.000			
		Tag No.: KU-A			
77		Gravity{1}	down	26830	0.000
X	-799	0.012			
77	1	Guide	left	1	0.000
Y	31	0.000			
Stiff		:RIGID	back		0.012
Z	-26818	0.000			
		T1+GR1+P1	down	27498	0.000
X	7530	37.336			
Comp.Wt :	0.000		rght	322	0.000
Y	21	-1.496			
			back	8346	37.383
Z	-27734	-1.114			
		Tag No.: KU-B			
78		Gravity{1}	down	28289	0.000
X		0.008			
78	1	V - Stop	+X		0.008
Y		0.079			
Stiff		:RIGID	+Y		0.079
Z	-28289	0.000			
		T1+GR1+P1	down	28000	0.000
X	8349	18.462			
Comp.Wt :	60.000		+X	8349	18.462
Y	-923	-1.962			
			-Y	923	1.962
Z	-28000	0.000			
		Tag No.: PB			
81		Gravity{1}	back	1334	0.000
X	1312	0.000			
81	1	Line Stp	down		0.000
Y	-242	0.000			

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-----
S U P P O R T      F O R C E S
( Force - N      , Moment - N.m      , Tran. - mm      , Rot. - deg      )
Point/ Connect/      Load      L O C A L
G L O B A L
Supp. ID  Type  Combination      Dirn  Force      Deform
Dirn  Force  Deform
-----
--
Stiff      :RIGID
Z      -24      0.000
T1+GR1+P1
X      2320      0.000      back      2359      0.000
Comp.Wt : 65.000      down      0.000
Y      -428      0.000      left      0.000
Z      -42      0.000

Tag No.: KU-B
82      Gravity{1}
X      0.011      down      28297      0.000
82  1  V - Stop      +X      0.011
Y      0.033      +Y      0.033
Stiff      :RIGID
Z      -28297      0.000
T1+GR1+P1
X      -8026 -18.365      down      27231      0.000
Comp.Wt : 60.000      -X      8026      18.365
Y      1522      3.517      +Y      1522      3.517
Z      -27231      0.000

Tag No.: KU-A
83      Gravity{1}
X      -458      0.011      down      27431      0.000
83  1  Guide      left      2      0.000
Y      81 -0.002      back      0.011
Stiff      :RIGID
Z      -27427      0.000
T1+GR1+P1
X      -8894 -37.060      down      28425      0.000
Comp.Wt : 0.000      rght      262      0.000
Y      1878      6.717      forw      8606      37.670
Z      -28275      0.638

Tag No.: KU-B

```

84		Gravity{1}	down	27305	0.000
X		0.017			
84	1	V - Stop	+X		0.017
Y		0.019			
	Stiff	:RIGID	+Y		0.019
Z	-27305	0.000			

		T1+GR1+P1	down	26428	0.000
X	-7711	-54.675			
	Comp.Wt :	60.000	-X	7711	54.675
Y	1845	13.106			
			+Y	1845	13.106
Z	-26428	0.000			

Tag No.: KU-A					
85		Gravity{1}	down	28836	0.000
X	-512	0.016			
85	1	Guide	left	1	0.000
Y	93	-0.003			
	Stiff	:RIGID	back		0.016
Z	-28831	0.000			

		T1+GR1+P1	down	29611	0.000
X	-11639	-73.746			
	Comp.Wt :	0.000	left	5005	0.000
Y	-2961	13.472			
			forw	10385	74.978
Z	-29418	1.354			

Tag No.: KU-B					
86		Gravity{1}	down	25929	0.000
X		0.027			
86	1	V - Stop	+X		0.027
Y		0.058			
	Stiff	:RIGID	+Y		0.058
Z	-25929	0.000			

		T1+GR1+P1	down	25356	0.000
X	-7504	-92.895			
	Comp.Wt :	60.000	-X	7504	92.895
Y	1246	15.487			
			+Y	1246	15.487
Z	-25356	0.000			

Tag No.: KU-B

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```
-----
( Force - N      , Moment - N.m      , Tran. - mm , Rot. - deg )
Point/ Connect/ Load
G L O B A L
Supp. ID  Type  Combination  Dirn  Force  Deform
Dirn  Force  Deform
-----
91          Gravity{1}          down    29519    0.000
X          -0.052
91   1   V - Stop          -X          0.052
Y          0.003
Stiff :RIGID          +Y          0.003
Z    -29519    0.000

          T1+GR1+P1          down    29477    0.000
X    1428    5.878
Comp.Wt : 60.000          +X    1428    5.878
Y    8727   36.251          +Y    8727   36.251
Z   -29477    0.000

Tag No.: KU-B
96          Gravity{1}          down    24491    0.000
X          -0.004
96   1   V - Stop          -X          0.004
Y          -0.097
Stiff :RIGID          -Y          0.097
Z   -24491    0.000

          T1+GR1+P1          down    24943    0.000
X    7377   90.504
Comp.Wt : 60.000          +X    7377   90.504
Y   -1253  -15.463          -Y    1253   15.463
Z   -24943    0.000

Tag No.: KU-A
97          Gravity{1}          down    28565    0.000
X    -184    0.013
97   1   Guide          right     0    0.000
Y     33   -0.002
Stiff :RIGID          back          0.013
Z   -28564    0.000

          T1+GR1+P1          down    28021    0.000
X    8702   72.303
Comp.Wt : 0.000          left    5100    0.000
Y   -6738  -12.934
```

Z	-28085	-0.481	back	9936	73.452
Tag No.: KU-B					
98		Gravity{1}	down	27678	0.000
X	-0.001				
98	1	V - Stop	-X		0.001
Y	-0.072				
Stiff	:RIGID		-Y		0.072
Z	-27678	0.000			
T1+GR1+P1					
X	8524	53.964	down	28640	0.000
Comp.Wt :	60.000		+X	8524	53.964
Y	-1079	-6.905	-Y	1079	6.905
Z	-28640	0.000			
Tag No.: KU-A					
99		Gravity{1}	down	27603	0.000
X	-312	0.011			
99	1	Guide	right	3	0.000
Y	59	-0.002	back		0.011
Stiff	:RIGID				
Z	-27601	0.000			
T1+GR1+P1					
X	7783	35.249	down	26950	0.000
Comp.Wt :	0.000		right	280	0.000
Y	-1121	-6.365	back	8169	35.821
Z	-27042	-0.412			
Tag No.: KU-B					
100		Gravity{1}	down	27320	0.000
X	0.011				
100	1	V - Stop	+X		0.011
Y	0.011		+Y		0.011
Stiff	:RIGID				
Z	-27320	0.000			
T1+GR1+P1					
X	8185	16.346	down	28216	0.000
Comp.Wt :	60.000		+X	8185	16.346
Y	-2158	-4.295	-Y	2158	4.295
Z	-28216	0.000			

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```
-----
( Force - N      , Moment - N.m      , Tran. - mm , Rot. - deg )
Point/ Connect/ Load
G L O B A L
Supp. ID  Type  Combination  Dirn  Force  Deform
Dirn  Force  Deform
-----
Tag No.: PB
103          Gravity{1}      back      1036    0.000
X          949    0.000
103 1  Line Stp      down              0.000
Y          -417    0.000
Stiff :RIGID      left              0.000
Z          -15    0.000

          T1+GR1+P1      back      1345    0.000
X          1231    0.000
Comp.Wt : 65.000      down              0.000
Y          -541    0.000
          left              0.000
Z          -20    0.000

Tag No.: KU-B
104          Gravity{1}      down      26702    0.000
X          0.003
104 1  V - Stop      +X              0.003
Y          -0.008
Stiff :RIGID      -Y              0.008
Z          -26702    0.000

          T1+GR1+P1      down      26396    0.000
X          -7308 -15.774      -X          7308    15.774
Comp.Wt : 60.000
Y          3050    6.578      +Y          3050    6.578
Z          -26396    0.000

Tag No.: KU-A
105          Gravity{1}      down      27725    0.000
X          -546    0.011
105 1  Guide      rght          2    0.000
Y          241 -0.005
Stiff :RIGID      back              0.012
Z          -27719    0.000

          T1+GR1+P1      down      28426    0.000
X          -8310 -32.620
```

Comp.Wt :	0.000		right	446	0.000
Y	4137	14.325			
			forw	8662	35.635
Z	-28233	0.767			
Tag No.:	KU-B				
106		Gravity{1}	down	27713	0.000
X		0.034			
106	1	V - Stop	+X		0.034
Y		0.038			
Stiff	:	RIGID	+Y		0.038
Z	-27713	0.000			
		T1+GR1+P1	down	26576	0.000
X	-7080	-48.523			
Comp.Wt :	60.000		-X	7080	48.523
Y	3666	25.183			
			+Y	3666	25.183
Z	-26576	0.000			
Tag No.:	KU-A				
107		Gravity{1}	down	28307	0.000
X	-569	0.018			
107	1	Guide	right	1	0.000
Y	248	-0.008			
Stiff	:	RIGID	back		0.019
Z	-28300	0.000			
		T1+GR1+P1	down	29302	0.000
X	-12016	-67.176			
Comp.Wt :	0.000		left	4997	0.000
Y	-232	29.155			
			forw	10290	73.248
Z	-29070	1.606			
Tag No.:	KU-B				
108		Gravity{1}	down	25082	0.000
X		0.057			
108	1	V - Stop	+X		0.057
Y		0.084			
Stiff	:	RIGID	+Y		0.084
Z	-25082	0.000			
		T1+GR1+P1	down	24380	0.000
X	-6761	-84.954			
Comp.Wt :	60.000		-X	6761	84.954
Y	2789	35.151			

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-----
( Force - N      , Moment - N.m      , Tran. - mm , Rot. - deg )
Point/ Connect/ Load          L O C A L
G L O B A L
Supp. ID  Type  Combination      Dirn  Force  Deform
Dirn  Force  Deform
-----
--
Z      -24380    0.000
Tag No.: KU-B
113      Gravity{1}
X      -0.039
113  1  V - Stop
Y      0.042
Stiff :RIGID
Z      -29738    0.000
Tag No.: KU-B
118      Gravity{1}
X      -0.014
118  1  V - Stop
Y      -0.084
Stiff :RIGID
Z      -25523    0.000
Tag No.: KU-B
119      Gravity{1}
X      -482    0.019
119  1  Guide
Y      210    -0.008
Stiff :RIGID
Z      -29020    0.000

S U P P O R T      F O R C E S
, Tran. - mm , Rot. - deg )
Dirn  Force  Deform
-----
--
+Y      2789  35.151
down    29738  0.000
-X      0.039
+Y      0.042
down    29694  0.000
+X      3597  13.823
+Y      8150  31.447
down    25523  0.000
-X      0.014
-Y      0.084
down    26140  0.000
+X      7112  83.867
-Y      3304  39.048
down    29025  0.000
left    1      0.000
back    0.020

```

		T1+GR1+P1	down	28470	0.000
X	6728	67.235			
Comp.Wt :	0.000		left	5005	0.000
Y	-8397	-29.341			
			back	10043	73.370
Z	-28647	-1.330			
Tag No.: KU-B					
120		Gravity{1}	down	27643	0.000
X		0.020			
120	1	V - Stop	+X		0.020
Y		0.002			
Stiff		:RIGID	+Y		0.002
Z	-27643	0.000			
		T1+GR1+P1	down	28294	0.000
X	7965	51.078			
Comp.Wt :	60.000		+X	7965	51.078
Y	-2934	-18.805			
			-Y	2934	18.805
Z	-28294	0.000			
Tag No.: KU-A					
121		Gravity{1}	down	27629	0.000
X	-420	0.013			
121	1	Guide	rght	3	0.000
Y	188	-0.006			
Stiff		:RIGID	back		0.015
Z	-27625	0.000			
		T1+GR1+P1	down	27181	0.000
X	7282	32.662			
Comp.Wt :	0.000		rght	337	0.000
Y	-2820	-14.298			
			back	8255	35.659
Z	-27314	-0.593			
Tag No.: KU-B					
122		Gravity{1}	down	26992	0.000
X		0.010			
122	1	V - Stop	+X		0.010
Y		-0.001			
Stiff		:RIGID	-Y		0.001
Z	-26992	0.000			

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-----
( Force - N , Moment - N.m , Tran. - mm , Rot. - deg )
Point/ Connect/ Load L O C A L
G L O B A L
Supp. ID Type Combination Dirn Force Deform
Dirn Force Deform
-----
--
X 7604 15.165 T1+GR1+P1 down 28282 0.000
Comp.Wt : 60.000 +X 7604 15.165
Y -3765 -7.505 -Y 3765 7.505
Z -28282 0.000

Tag No.: PB
125 Gravity{1} back 1235 0.000
X 1052 0.000
125 1 Line Stp down 0.000
Y -647 0.000
Stiff :RIGID left 0.000
Z -27 0.000

X -9406 0.000 T1+GR1+P1 forw 11045 0.000
Comp.Wt : 65.000 down 0.000
Y 5785 0.000 left 0.000
Z 245 0.000

Tag No.: KU-B
126 Gravity{1} down 29081 0.000
X 0.003
126 1 V - Stop +X 0.003
Y -0.004 -Y 0.004
Stiff :RIGID
Z -29081 0.000

X -7166 -16.721 T1+GR1+P1 down 28588 0.000
Comp.Wt : 60.000 -X 7166 16.721
Y 4712 10.992 +Y 4712 10.992
Z -28588 0.000

Tag No.: KU-A
127 Gravity{1} down 27110 0.000
X -755 0.008
```

127	1	Guide		right	1	0.000
Y		466	-0.005			
		Stiff	:RIGID	back		0.010
Z		-27095	0.000			
			T1+GR1+P1	down	27762	0.000
X		-7669	-33.258			
		Comp.Wt :	0.000	right	727	0.000
Y		5569	20.452			
				forw	8547	39.064
Z		-27468	1.278			
		Tag No.:	KU-B			
128			Gravity{1}	down	28440	0.000
X			0.011			
128	1	V - Stop		+X		0.011
Y			0.000			
		Stiff	:RIGID	-Y		0.000
Z		-28440	0.000			
			T1+GR1+P1	down	27842	0.000
X		-8010	-57.513			
		Comp.Wt :	60.000	-X	8010	57.513
Y		2367	16.998			
				+Y	2367	16.998
Z		-27842	0.000			
		Tag No.:	KU-B			
129			Gravity{1}	down	24425	0.000
X			0.007			
129	1	V - Stop		+X		0.007
Y			-0.007			
		Stiff	:RIGID	-Y		0.007
Z		-24425	0.000			
			T1+GR1+P1	down	24346	0.000
X		-7206	-100.494			
		Comp.Wt :	60.000	-X	7206	100.494
Y		-1192	-16.635			
				-Y	1192	16.635
Z		-24346	0.000			
		Tag No.:	KU-B			
132			Gravity{1}	down	26375	0.000
X			-0.002			
132	1	V - Stop		-X		0.002
Y			0.001			

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```
-----
( Force - N      , Moment - N.m      , Tran. - mm , Rot. - deg )
Point/ Connect/ Load          L O C A L
G L O B A L
Supp. ID  Type  Combination      Dirn  Force  Deform
Dirn  Force  Deform
-----
--
Stiff :RIGID                      +Y                      0.001
Z      -26375  0.000

                                T1+GR1+P1
X      -7526-102.514              down    26285  0.000
Comp.Wt : 60.000                  -X      7526 102.514
Y      -2353 -32.045              -Y      2353  32.045
Z      -26285  0.000

Tag No.: KU-B
133                      Gravity{1}
X                      -0.008              down    27797  0.000
133  1  V - Stop          -X                      0.008
Y                      0.007              +Y                      0.007
Stiff :RIGID
Z      -27797  0.000

                                T1+GR1+P1
X      -6366 -56.494              down    27046  0.000
Comp.Wt : 60.000                  -X      6366  56.494
Y      -5030 -44.624              -Y      5030  44.624
Z      -27046  0.000

Tag No.: KU-B
134                      Gravity{1}
X                      0.005              down    21551  0.000
134  1  V - Stop          +X                      0.005
Y                      -0.005              -Y                      0.005
Stiff :RIGID
Z      -21551  0.000

                                T1+GR1+P1
X      -4132 -35.187              down    21385  0.000
Comp.Wt : 60.000                  -X      4132  35.187
Y      -4908 -41.801              -Y      4908  41.801
Z      -21385  0.000

Tag No.: KU-B
```

135		Gravity{1}	down	20136	0.000
X		0.008			
135	1	V - Stop	+X		0.008
Y		-0.007			
Stiff		:RIGID	-Y		0.007
Z		-20136 0.000			

		T1+GR1+P1	down	19948	0.000
X		-3613 -24.422			
Comp.Wt :		60.000	-X	3613	24.422
Y		-4771 -32.264			
			-Y	4771	32.264
Z		-19948 0.000			

Tag No.: KU-B					
136		Gravity{1}	down	22184	0.000
X		0.006			
136	1	V - Stop	+X		0.006
Y		-0.005			
Stiff		:RIGID	-Y		0.005
Z		-22184 0.000			

		T1+GR1+P1	down	21889	0.000
X		-3821 -15.711			
Comp.Wt :		60.000	-X	3821	15.711
Y		-5340 -21.970			
			-Y	5340	21.970
Z		-21889 0.000			

Tag No.: PZ-A					
137		Gravity{1}	down	21733	0.000
X		0.004			
137	1	V - Stop	+X		0.004
Y		-0.003			
Stiff		:RIGID	-Y		0.003
Z		-21733 0.000			

		T1+GR1+P1	down	23432	0.000
X		-5.517			
Comp.Wt :		100.000	-X		5.517
Y		-10.270			
			-Y		10.270
Z		-23432 0.000			

Tag No.: PB

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```
-----
( Force - N      , Moment - N.m      , Tran. - mm , Rot. - deg )
Point/ Connect/ Load
G L O B A L
Supp. ID  Type  Combination  Dirn  Force  Deform
Dirn  Force  Deform
-----
--
140      Gravity{1}
X      27    0.000
140 1    Line Stp
Y      36    0.000
Stiff   :RIGID
Z      0     0.000

T1+GR1+P1
X      9896   0.000
Comp.Wt : 65.000
Y      13368   0.000
Z      -102    0.000

Tag No.: KU-B
141      Gravity{1}
X      -0.049
141 1    V - Stop
Y      0.036
Stiff   :RIGID
Z      -20871   0.000

T1+GR1+P1
X      6138  15.864
Comp.Wt : 60.000
Y      1616   4.225
Z      -21156  0.000

Tag No.: PZ-E
144      Gravity{1}
X      -0.092
144 1    Cons Hgr
Y      -0.066
Stiff   :FREE
Z      -22848   0.000

Preload : 22848 T1+GR1+P1
X      21.770
Comp.Wt : 30.000
Y      8.674
-----
```

Z -22848 -1.397

Tag No.: PZ-E

146 Gravity{1} down 30871 0.000
X -0.446
146 1 Cons Hgr
Y -0.519
Stiff :FREE
Z -30871 0.000

Preload : 30871 T1+GR1+P1 down 30871 5.809
X -2.851
Comp.Wt : 30.000
Y 6.782

Z -30871 -5.809

Tag No.: PZ-E

147 Gravity{1} down 39684 0.000
X -0.997
147 1 Cons Hgr
Y -1.222
Stiff :FREE
Z -39684 0.000

Preload : 39684 T1+GR1+P1 down 39684 9.695
X -42.469
Comp.Wt : 30.000
Y -3.660

Z -39684 -9.695

Tag No.: PZ-E

148 Gravity{1} down 31116 0.000
X -1.354
148 1 Cons Hgr
Y -1.680
Stiff :FREE
Z -31116 0.000

Preload : 31116 T1+GR1+P1 down 31116 5.032
X -66.853
Comp.Wt : 30.000
Y 7.667

Z -31116 -5.032

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```
-----
( Force - N      , Moment - N.m      , Tran. - mm , Rot. - deg )
Point/ Connect/ Load          L O C A L
G L O B A L
Supp. ID  Type  Combination      Dirn  Force  Deform
Dirn  Force  Deform
-----
Tag No.: PZ-E
154          Gravity{1}          down    15440    0.000
X          0.116
154  1  Cons Hgr
Y          -0.090
Stiff :FREE
Z    -15440    0.000

Preload :    15440  T1+GR1+P1          down    15440   -1.686
X          -46.076
Comp.Wt :    30.000
Y          14.105
Z    -15440    1.686

Tag No.: PB
155          Gravity{1}          forw      52    0.000
X          32    0.000
155  1  Line Stp          down              0.000
Y          41    0.000
Stiff :RIGID          left              0.000
Z          0.000

          T1+GR1+P1          back      715    0.000
X          -437    0.000
Comp.Wt :    65.000          down              0.000
Y          -566    0.000          left              0.000
Z          0.000

Tag No.: PZ-E
160          Gravity{1}          down    27738    0.000
X          -0.826
160  1  Cons Hgr
Y          4.918
Stiff :FREE
Z    -27738    0.000

Preload :    27738  T1+GR1+P1          down    27738    1.133
X          2.179
-----
```

Comp.Wt : 30.000
Y -6.470
Z -27738 -1.133

Tag No.: VCH
163 Gravity{1} down 17229 0.000
X 1.099
163 1 V - Stop +X 1.099
Y 7.091
Stiff :RIGID +Y 7.091
Z -17229 0.000

T1+GR1+P1 down 15657 0.000
X 78 2.311
Comp.Wt : 10.000 +X 78 2.311
Y -1564 -17.320 -Y 1564 17.320
Z -15657 0.000

Tag No.: VCH
164 Gravity{1} down 14103 0.000
X 0.508
164 1 V - Stop +X 0.508
Y 7.553
Stiff :RIGID +Y 7.553
Z -14103 0.000

T1+GR1+P1 down 14295 0.000
X 66 0.983
Comp.Wt : 10.000 +X 66 0.983
Y -1428 -2.637 -Y 1428 2.637
Z -14295 0.000

Tag No.: VCH
165 Gravity{1} down 17157 0.000
X 0.219
165 1 V - Stop +X 0.219
Y 7.779
Stiff :RIGID +Y 7.779
Z -17157 0.000

T1+GR1+P1 down 17008 0.000
X 1701 4.612
Comp.Wt : 10.000 +X 1701 4.612
Y 32 7.862

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```
-----
( Force - N      , Moment - N.m      , Tran. - mm , Rot. - deg )
Point/ Connect/ Load
G L O B A L
Supp. ID  Type  Combination  Dirn  Force  Deform
Dirn  Force  Deform
-----
--
Z      -17008    0.000
Tag No.: VCH
166      Gravity{1}
X      0.224
166  1  V - Stop
Y      7.775
Stiff   :RIGID
Z      -9176    0.000
Tag No.: VCH
167      Gravity{1}
X      0.475
167  1  V - Stop
Y      7.579
Stiff   :RIGID
Z      -23020   0.000
Tag No.: VCH
167      Gravity{1}
X      -3.841
170  1  Cons Hgr
Y      6.422
Stiff   :FREE
Z      -22060   0.000

S U P P O R T      F O R C E S
, Tran. - mm , Rot. - deg )
L O C A L
Dirn  Force  Deform
-----
--
+Y      32    7.862
down    9176   0.000
+X      937   16.713
+Y      249   12.164
down    9691   0.000
+X      937   16.713
+Y      249   12.164
down    23020  0.000
+X      2084  31.369
+Y      322   12.358
down    21089  0.000
+X      2084  31.369
+Y      322   12.358
down    22060  0.000
```

Preload :	22060	T1+GR1+P1	down	22060	0.732
X	20.585				
Comp.Wt :	30.000				
Y	12.370				

Z -22060 -0.732

Tag No.: KU-A					
173		Gravity{1}	down	22743	0.000
X	111	-5.548			
173	1	Guide	left	294	0.000
Y	-471	4.556			
Stiff	:RIGID		forw		7.180
Z	-22740	-0.121			

		T1+GR1+P1	down	24773	0.000
X	5093	-5.534			
Comp.Wt :	0.000		rght	718	0.000
Y	-3252	4.544			
			back	5581	-7.162
Z	-24676	-0.121			

Tag No.: KU-B					
174		Gravity{1}	down	23579	0.000
X		-5.853			
174	1	V - Stop	-X		5.853
Y		4.186			
Stiff	:RIGID		+Y		4.186
Z	-23579	0.000			

		T1+GR1+P1	down	22615	0.000
X	-6632	-33.730			
Comp.Wt :	60.000		-X	6632	33.730
Y	-1431	-1.828			
			-Y	1431	1.828
Z	-22615	0.000			

Tag No.: KU-B					
177		Gravity{1}	down	21864	0.000
X		-3.074			
177	1	V - Stop	-X		3.074
Y		2.414			
Stiff	:RIGID		+Y		2.414
Z	-21864	0.000			

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```
-----
( Force - N , Moment - N.m , Tran. - mm , Rot. - deg )
Point/ Connect/ Load L O C A L
G L O B A L
Supp. ID Type Combination Dirn Force Deform
Dirn Force Deform
-----
--
X -6331 -22.470 T1+GR1+P1 down 22061 0.000
Comp.Wt : 60.000 -X 6331 22.470
Y -1929 -3.497 -Y 1929 3.497
Z -22061 0.000

Tag No.: PB
178 Gravity{1} forw 102 0.000
X 63 0.000
178 1 Line Stp down 0.000
Y 80 0.000
Stiff :RIGID left 0.000
Z 0.000

X -393 0.000 T1+GR1+P1 back 637 0.000
Comp.Wt : 65.000 down 0.000
Y -501 0.000 left 0.000
Z 0.000

Tag No.: KU-B
179 Gravity{1} down 16739 0.000
X -0.005
179 1 V - Stop -X 0.005
Y 0.004
Stiff :RIGID +Y 0.004
Z -16739 0.000

X 5030 22.904 T1+GR1+P1 down 16868 0.000
Comp.Wt : 60.000 +X 5030 22.904
Y -553 -2.515 -Y 553 2.515
Z -16868 0.000

Tag No.: KU-B
180 Gravity{1} down 13397 0.000
X -0.007
```

180	1	V - Stop	-X		0.007
Y		0.005			
Stiff		:RIGID	+Y		0.005
Z		-13397 0.000			
		T1+GR1+P1	down	13689	0.000
X		3918 59.966			
Comp.Wt :		60.000	+X	3918	59.966
Y		-1231 -18.843			
			-Y	1231	18.843
Z		-13689 0.000			
		Tag No.: KU-B			
183		Gravity{1}	down	25372	0.000
X		0.008			
183	1	V - Stop	+X		0.008
Y		-0.001			
Stiff		:RIGID	-Y		0.001
Z		-25372 0.000			
		T1+GR1+P1	down	25380	0.000
X		7201 69.522			
Comp.Wt :		60.000	+X	7201	69.522
Y		-2472 -23.868			
			-Y	2472	23.868
Z		-25380 0.000			
		Tag No.: KU-B			
184		Gravity{1}	down	30710	0.000
X		0.006			
184	1	V - Stop	+X		0.006
Y		-0.003			
Stiff		:RIGID	-Y		0.003
Z		-30710 0.000			
		T1+GR1+P1	down	31215	0.000
X		7223 32.413			
Comp.Wt :		60.000	+X	7223	32.413
Y		-5960 -26.742			
			-Y	5960	26.742
Z		-31215 0.000			
		Tag No.: KU-A			
185		Gravity{1}	down	29500	0.000
X		-625 0.004			
185	1	Guide	left	0	0.000
Y		820 -0.005			

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```
-----
( Force - N      , Moment - N.m      , Tran. - mm , Rot. - deg )
Point/ Connect/ Load              L O C A L
G L O B A L
Supp. ID  Type  Combination      Dirn  Force  Deform
Dirn  Force  Deform
-----
Stiff :RIGID
Z      -29482  0.000

T1+GR1+P1
X      4359  12.504
Comp.Wt :  0.000
Y      -6694 -16.405
Z      -29707 -0.722

Tag No.: PB
186      Gravity{1}
X      476   0.000
186  1  Line Stp
Y      -625   0.000
Stiff :RIGID
Z      -5    0.000

T1+GR1+P1
X      -3601  0.000
Comp.Wt :  65.000
Y      4724   0.000
Z      34    0.000

Tag No.: KU-A
187      Gravity{1}
X      -212   0.001
187  1  Guide
Y      278  -0.002
Stiff :RIGID
Z      -22780  0.000

T1+GR1+P1
X      -3896 -11.552
Comp.Wt :  0.000
Y      6535  15.157
Z      -23039  0.293

Tag No.: KU-B
```

188		Gravity{1}	down	37336	0.000
X	-0.052				
188	1	V - Stop	-X		0.052
Y	-0.042				
Stiff	:RIGID		-Y		0.042
Z	-37336	0.000			

		T1+GR1+P1	down	36969	0.000
X	-7490	-25.505			
Comp.Wt :	60.000		-X	7490	25.505
Y	8180	27.755			
			+Y	8180	27.755
Z	-36969	0.000			

Tag No.: KU-B					
193		Gravity{1}	down	19404	0.000
X	-0.112				
193	1	V - Stop	-X		0.112
Y	0.022				
Stiff	:RIGID		+Y		0.022
Z	-19404	0.000			

		T1+GR1+P1	down	19515	0.000
X	-5757	-36.451			
Comp.Wt :	60.000		-X	5757	36.451
Y	1066	6.754			
			+Y	1066	6.754
Z	-19515	0.000			

Tag No.: KU-B					
196		Gravity{1}	down	33456	0.000
X	-0.241				
196	1	V - Stop	-X		0.241
Y	0.144				
Stiff	:RIGID		+Y		0.144
Z	-33456	0.000			

		T1+GR1+P1	down	33331	0.000
X	4519	18.289			
Comp.Wt :	60.000		+X	4519	18.289
Y	-8920	-36.433			
			-Y	8920	36.433
Z	-33331	0.000			

Tag No.: KU-B

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```
-----
( Force - N      , Moment - N.m      , Tran. - mm , Rot. - deg )
Point/ Connect/ Load          L O C A L
G L O B A L
Supp. ID  Type  Combination  Dirn  Force  Deform
Dirn  Force  Deform
-----
--
199          Gravity{1}          down    39488    0.000
X          -0.179
199  1    V - Stop          -X          0.179
Y          -0.154
Stiff :RIGID          -Y          0.154
Z    -39488    0.000

          T1+GR1+P1          down    40396    0.000
X    7953  97.559
Comp.Wt : 60.000          +X    7953  97.559
Y    -9144-112.528          -Y    9144 112.528
Z    -40396    0.000

Tag No.: KU-A
200          Gravity{1}          down    19838    0.000
X    -243    0.023
200  1    Guide          left     12    0.000
Y    409   -0.042
Stiff :RIGID          back          0.048
Z    -19832   -0.001

          T1+GR1+P1          down    18770    0.000
X    5662  62.150
Comp.Wt : 0.000          right   3074    0.000
Y    -3822-111.002          back    6553 127.253
Z    -18922   -3.054

Tag No.: KU-B
201          Gravity{1}          down    28679    0.000
X          0.186
201  1    V - Stop          +X          0.186
Y          0.052
Stiff :RIGID          +Y          0.052
Z    -28679    0.000

          T1+GR1+P1          down    30236    0.000
X    3953  47.725
Comp.Wt : 60.000          +X    3953  47.725
Y    -8164 -98.133
```

Z	-30236	0.000	-Y	8164	98.133
Tag No.: KU-A					
202		Gravity{1}	down	25617	0.000
X	-250	0.020			
202	1	Guide	right	18	0.000
Y	489	-0.037			
Stiff		:RIGID	back		0.042
Z	-25611	-0.001			
T1+GR1+P1					
X	2744	44.035	down	24359	0.000
Comp.Wt :	0.000		left	732	0.000
Y	-6485	-79.763	back	7527	91.132
Z	-24515	-1.952			
Tag No.: KU-B					
203		Gravity{1}	down	27840	0.000
X		0.027			
203	1	V - Stop	+X		0.027
Y		-0.027			
Stiff		:RIGID	-Y		0.027
Z	-27840	0.000			
T1+GR1+P1					
X	4322	36.438	down	28830	0.000
Comp.Wt :	60.000		+X	4322	36.438
Y	-7492	-63.146	-Y	7492	63.146
Z	-28830	0.000			
Tag No.: KU-A					
204		Gravity{1}	down	26808	0.000
X	-297	0.015			
204	1	Guide	left	7	0.000
Y	522	-0.027			
Stiff		:RIGID	back		0.031
Z	-26801	-0.001			
T1+GR1+P1					
X	3720	26.322	down	26343	0.000
Comp.Wt :	0.000		right	173	0.000
Y	-6356	-47.492	back	7955	54.313
Z	-26514	-1.217			

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-----
( Force - N      , Moment - N.m      , Tran. - mm , Rot. - deg )
Point/ Connect/ Load          L O C A L
G L O B A L
Supp. ID  Type  Combination      Dirn  Force  Deform
Dirn  Force  Deform
-----
Tag No.: KU-B
205          Gravity{1}          down    27087    0.000
X          0.051
205  1  V - Stop          +X          0.051
Y          0.003
Stiff :RIGID          +Y          0.003
Z    -27087    0.000

          T1+GR1+P1          down    27729    0.000
X    3989  17.421
Comp.Wt : 60.000          +X    3989  17.421
Y    -7300 -31.784          -Y    7300  31.784
Z    -27729    0.000

Tag No.: KU-B
206          Gravity{1}          down    27556    0.000
X          0.030
206  1  V - Stop          +X          0.030
Y          0.000
Stiff :RIGID          +Y          0.000
Z    -27556    0.000

          T1+GR1+P1          down    28061    0.000
X    3955   8.499
Comp.Wt : 60.000          +X    3955   8.499
Y    -7431 -15.914          -Y    7431  15.914
Z    -28061    0.000

Tag No.: PB
209          Gravity{1}          back    1206    0.000
X    471   0.000
209  1  Line Stp          down          0.000
Y   -1110  0.000
Stiff :RIGID          left          0.000
Z     -15   0.000

          T1+GR1+P1          forw    20171    0.000
X   -7884   0.000
```

Comp.Wt :	65.000		down		0.000
Y	18564	0.000			
			left		0.000
Z	251	0.000			
Tag No.:	KU-B				
210		Gravity{1}	down	25976	0.000
X		0.010			
210	1	V - Stop	+X		0.010
Y		0.002			
Stiff	:	RIGID	+Y		0.002
Z	-25976	0.000			
		T1+GR1+P1	down	25838	0.000
X	-3678	-8.102			
Comp.Wt :	60.000		-X	3678	8.102
Y	6823	15.051			
			+Y	6823	15.051
Z	-25838	0.000			
Tag No.:	KU-A				
211		Gravity{1}	down	25822	0.000
X	-189	0.002			
211	1	Guide	left	4	0.000
Y	438	-0.004			
Stiff	:	RIGID	back		0.005
Z	-25818	0.000			
		T1+GR1+P1	down	26063	0.000
X	-890	-13.456			
Comp.Wt :	0.000		rght	2881	0.000
Y	9564	32.066			
			forw	8683	34.781
Z	-25899	0.643			
Tag No.:	KU-B				
212		Gravity{1}	down	30183	0.000
X		-0.090			
212	1	V - Stop	-X		0.090
Y		-0.043			
Stiff	:	RIGID	-Y		0.043
Z	-30183	0.000			
		T1+GR1+P1	down	29831	0.000
X	-1737	-10.683			
Comp.Wt :	60.000		-X	1737	10.683
Y	8779	53.506			

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```
-----
( Force - N      , Moment - N.m      , Tran. - mm , Rot. - deg )
Point/ Connect/ Load          L O C A L
G L O B A L
Supp. ID  Type  Combination      Dirn  Force  Deform
Dirn  Force  Deform
-----
--
Z      -29831    0.000
Tag No.: KU-B
218      Gravity{1}
X      0.015
218  1  V - Stop
Y      0.116
Stiff :RIGID
Z      -25718    0.000
Tag No.: KU-B
223      Gravity{1}
X      0.034
223  1  V - Stop
Y      0.009
Stiff :RIGID
Z      -31582    0.000
Tag No.: KU-B
224      Gravity{1}
X      -175    0.001
224  1  Guide
Y      514   -0.003
Stiff :RIGID
Z      -25185    0.000

S U P P O R T      F O R C E S
, Tran. - mm , Rot. - deg )
Dirn  Force  Deform
-----
+Y      8779  53.506
down     25718  0.000
+X      0.015
+Y      0.116
down     25570  0.000
-X      7637  16.332
-Y      723   1.432
down     31582  0.000
+X      0.034
+Y      0.009
down     31974  0.000
+X      4298  16.950
-Y      8575  33.740
down     25191  0.000
rght     4     0.000
back     0.003
```

		T1+GR1+P1	down	25114	0.000
X	4972	6.270			
	Comp.Wt :	0.000	right	2552	0.000
Y	-6478	-17.912			
			back	8300	18.983
Z	-25287	-0.409			
Tag No.: PB					
225		Gravity{1}	back	585	0.000
X	193	0.000			
225	1	Line Stp	down		0.000
Y	-552	0.000			
	Stiff	:RIGID	left		0.000
Z	0	0.000			
		T1+GR1+P1	back	14424	0.000
X	4766	0.000			
	Comp.Wt :	65.000	down		0.000
Y	-13614	0.000			
			left		0.000
Z	-12	0.000			
Tag No.: KU-B					
226		Gravity{1}	down	28266	0.000
X		0.028			
226	1	V - Stop	+X		0.028
Y		0.006			
	Stiff	:RIGID	+Y		0.006
Z	-28266	0.000			
		T1+GR1+P1	down	28591	0.000
X	-2682	-5.786			
	Comp.Wt :	60.000	-X	2682	5.786
Y	8147	17.663			
			+Y	8147	17.663
Z	-28591	0.000			
Tag No.: KU-A					
227		Gravity{1}	down	28750	0.000
X	-81	0.002			
227	1	Guide	right	1	0.000
Y	233	-0.006			
	Stiff	:RIGID	back		0.007
Z	-28749	0.000			

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```
-----
( Force - N      , Moment - N.m      , Tran. - mm , Rot. - deg )
Point/ Connect/ Load          L O C A L
G L O B A L
Supp. ID  Type  Combination  Dirn  Force  Deform
Dirn  Force  Deform
-----
--
X      -3267 -12.597      T1+GR1+P1      down      28853      0.000
Comp.Wt :      0.000      left          298      0.000
Y      8383  35.786      forw          8746      37.940
Z      -28777      0.325

Tag No.: KU-B
228      Gravity{1}      down      30591      0.000
X      0.020
228  1  V - Stop      +X          0.020
Y      -0.002
Stiff :RIGID      -Y          0.002
Z      -30591      0.000

X      -3516 -22.532      T1+GR1+P1      down      30232      0.000
Comp.Wt :      60.000      -X          3516      22.532
Y      8360  53.619      +Y          8360      53.619
Z      -30232      0.000

Tag No.: KU-A
229      Gravity{1}      down      26412      0.000
X      -119      0.004
229  1  Guide      left          1      0.000
Y      338 -0.010
Stiff :RIGID      back          0.011
Z      -26409      0.000

X      -233 -25.774      T1+GR1+P1      down      26842      0.000
Comp.Wt :      0.000      right         3012      0.000
Y      9791  73.710      forw          8956      78.094
Z      -26717      1.060

Tag No.: KU-B
230      Gravity{1}      down      37217      0.000
X      -0.235
```

230	1	V - Stop	-X		0.235
Y		-0.093			
Stiff		:RIGID	-Y		0.093
Z		-37217 0.000			
		T1+GR1+P1	down	36844	0.000
X		-2037 -18.471			
Comp.Wt :		60.000	-X	2037	18.471
Y		10864 97.156			
			+Y	10864	97.156
Z		-36844 0.000			
		Tag No.: KU-B			
235		Gravity{1}	down	29402	0.000
X		-0.259			
235	1	V - Stop	-X		0.259
Y		0.103			
Stiff		:RIGID	+Y		0.103
Z		-29402 0.000			
		T1+GR1+P1	down	29407	0.000
X		-5495 -11.345			
Comp.Wt :		60.000	-X	5495	11.345
Y		-6901 -13.819			
			-Y	6901	13.819
Z		-29407 0.000			
		Tag No.: KU-B			
240		Gravity{1}	down	31205	0.000
X		-0.016			
240	1	V - Stop	-X		0.016
Y		-0.010			
Stiff		:RIGID	-Y		0.010
Z		-31205 0.000			
		T1+GR1+P1	down	31431	0.000
X		4674 29.184			
Comp.Wt :		60.000	+X	4674	29.184
Y		-8189 -51.174			
			-Y	8189	51.174
Z		-31431 0.000			
		Tag No.: KU-A			
241		Gravity{1}	down	28124	0.000
X		-138 0.001			
241	1	Guide	left	2	0.000
Y		362 -0.004			

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```
-----
( Force - N      , Moment - N.m      , Tran. - mm , Rot. - deg )
Point/ Connect/ Load          L O C A L
G L O B A L
Supp. ID  Type  Combination      Dirn  Force  Deform
Dirn  Force  Deform
-----
--
Stiff :RIGID                      back          0.004
Z      -28121  0.000

                                T1+GR1+P1
X      5889  13.263                down      28074  0.000
Comp.Wt : 0.000                    right      2943  0.000
Y      -7314 -35.336                back      9305  37.747
Z      -28199 -0.520

Tag No.: KU-B
242                      Gravity{1}    down      28203  0.000
X                      0.006
242  1  V - Stop          +X              0.006
Y                      0.000
Stiff :RIGID              +Y              0.000
Z      -28203  0.000

                                T1+GR1+P1
X      2367  5.076                down      28645  0.000
Comp.Wt : 60.000                +X          2367  5.076
Y      -8261 -17.695                -Y          8261  17.695
Z      -28645  0.000

Tag No.: PB
243                      Gravity{1}    back        529  0.000
X      185  0.000
243  1  Line Stp          down              0.000
Y      -496  0.000
Stiff :RIGID              left              0.000
Z      -1  0.000

                                T1+GR1+P1
X      2601  0.000                back      7430  0.000
Comp.Wt : 65.000                down              0.000
Y      -6960  0.000                left              0.000
Z      -13  0.000

Tag No.: KU-A
```

244		Gravity{1}	down	27754	0.000
X	-100	0.001			
244	1	Guide	left	4	0.000
Y	255	-0.003			
Stiff		:RIGID	back		0.003
Z	-27752	0.000			

		T1+GR1+P1	down	28362	0.000
X	-2748	-6.512			
Comp.Wt :		0.000	right	400	0.000
Y	8484	17.396			
			forw	8629	18.576
Z	-28275	0.184			

Tag No.: KU-B					
245		Gravity{1}	down	27433	0.000
X		0.002			
245	1	V - Stop	+X		0.002
Y		-0.005			
Stiff		:RIGID	-Y		0.005
Z	-27433	0.000			

		T1+GR1+P1	down	27119	0.000
X	-2243	-10.389			
Comp.Wt :		60.000	-X	2243	10.389
Y	7820	36.234			
			+Y	7820	36.234
Z	-27119	0.000			

Tag No.: KU-A					
246		Gravity{1}	down	30149	0.000
X	-122	0.002			
246	1	Guide	right	0	0.000
Y	330	-0.007			
Stiff		:RIGID	back		0.007
Z	-30147	0.000			

		T1+GR1+P1	down	30453	0.000
X	-8334	-19.660			
Comp.Wt :		0.000	left	4824	0.000
Y	8571	52.864			
			forw	10583	56.405
Z	-30327	0.659			

Tag No.: KU-B

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-----
( Force - N      , Moment - N.m      , Tran. - mm , Rot. - deg )
Point/ Connect/ Load
G L O B A L
Supp. ID  Type  Combination  Dirn  Force  Deform
Dirn  Force  Deform
-----
--
247 Gravity{1} down 25372 0.000
X 0.057
247 1 V - Stop +X 0.057
Y 0.013
Stiff :RIGID +Y 0.013
Z -25372 0.000

T1+GR1+P1 down 25070 0.000
X -3096 -31.551
Comp.Wt : 60.000 -X 3096 31.551
Y 6854 69.982 +Y 6854 69.982
Z -25070 0.000

Tag No.: KU-B
252 Gravity{1} down 29609 0.000
X 0.014
252 1 V - Stop +X 0.014
Y 0.017
Stiff :RIGID +Y 0.017
Z -29609 0.000

T1+GR1+P1 down 29591 0.000
X 8307 26.822
Comp.Wt : 60.000 +X 8307 26.822
Y 3130 10.117 +Y 3130 10.117
Z -29591 0.000

Tag No.: KU-B
257 Gravity{1} down 25061 0.000
X -0.015
257 1 V - Stop -X 0.015
Y -0.012
Stiff :RIGID -Y 0.012
Z -25061 0.000

T1+GR1+P1 down 25278 0.000
X 2223 22.374
Comp.Wt : 60.000 +X 2223 22.374
Y -7250 -73.019

```

Z	-25278	0.000	-Y	7250	73.019
Tag No.: KU-A					
258		Gravity{1}	down	30382	0.000
X	-81	0.002			
258	1	Guide	right	0	0.000
Y	216	-0.005			
Stiff		:RIGID	back		0.005
Z	-30381	0.000			
T1+GR1+P1					
X	-877	19.565	down	30173	0.000
Comp.Wt :		0.000	left	4771	0.000
Y	-11275	-52.320	back	10483	55.860
Z	-30251	-0.425			
Tag No.: KU-B					
259		Gravity{1}	down	26833	0.000
X		-0.006			
259	1	V - Stop	-X		0.006
Y		-0.007			
Stiff		:RIGID	-Y		0.007
Z	-26833	0.000			
T1+GR1+P1					
X	3506	16.091	down	27181	0.000
Comp.Wt :		60.000	+X	3506	16.091
Y	-7362	-33.811	-Y	7362	33.811
Z	-27181	0.000			
Tag No.: KU-A					
260		Gravity{1}	down	27589	0.000
X	-116	0.001			
260	1	Guide	left	1	0.000
Y	303	-0.003			
Stiff		:RIGID	back		0.003
Z	-27587	0.000			
T1+GR1+P1					
X	3280	6.535	down	27539	0.000
Comp.Wt :		0.000	right	464	0.000
Y	-7395	-17.358	back	8401	18.549
Z	-27636	-0.218			

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```
-----
( Force - N      , Moment - N.m      , Tran. - mm , Rot. - deg )
Point/ Connect/ Load
G L O B A L
Supp. ID  Type  Combination  Dirn  Force  Deform
Dirn  Force  Deform
-----
Tag No.: PB
261          Gravity{1}          back      669    0.000
X      232    0.000
261  1  Line Stp          down          0.000
Y      -628    0.000
Stiff  :RIGID          left          0.000
Z      -4     0.000

          T1+GR1+P1          back      383    0.000
X      133    0.000
Comp.Wt : 65.000          down          0.000
Y      -359    0.000
          left          0.000
Z      -3     0.000

Tag No.: KU-A
262          Gravity{1}          down     27795    0.000
X      -82    0.001
262  1  Guide          left         3     0.000
Y      213   -0.003
Stiff  :RIGID          back          0.003
Z     -27794    0.000

          T1+GR1+P1          down     28003    0.000
X     -2685   -6.481
Comp.Wt : 0.000          rght         366    0.000
Y      8326   17.545
          forw         8511   18.705
Z     -27932    0.154

Tag No.: KU-B
263          Gravity{1}          down     27744    0.000
X          -0.024
263  1  V - Stop          -X          0.024
Y          -0.014
Stiff  :RIGID          -Y          0.014
Z     -27744    0.000

          T1+GR1+P1          down     27653    0.000
X     -2324  -10.627
```

Comp.Wt :	60.000	-X	2324	10.627
Y	7964 36.322	+Y	7964	36.322
Z	-27653 0.000			
Tag No.:	KU-A			
264	Gravity{1}	down	29673	0.000
X	-126 0.002			
264 1	Guide	rght	2	0.000
Y	345 -0.007			
Stiff	:RIGID	back		0.007
Z	-29671 0.000			
	T1+GR1+P1	down	29829	0.000
X	-7678 -19.769			
Comp.Wt :	0.000	left	4251	0.000
Y	8446 53.138			
		forw	10224	56.701
Z	-29700 0.702			
Tag No.:	KU-B			
265	Gravity{1}	down	27515	0.000
X	0.106			
265 1	V - Stop	+X		0.106
Y	0.032			
Stiff	:RIGID	+Y		0.032
Z	-27515 0.000			
	T1+GR1+P1	down	27128	0.000
X	-2963 -27.951			
Comp.Wt :	60.000	-X	2963	27.951
Y	7580 71.801			
		+Y	7580	71.801
Z	-27128 0.000			
Tag No.:	KU-B			
270	Gravity{1}	down	29098	0.000
X	0.038			
270 1	V - Stop	+X		0.038
Y	0.036			
Stiff	:RIGID	+Y		0.036
Z	-29098 0.000			
	T1+GR1+P1	down	29206	0.000
X	8525 36.658			
Comp.Wt :	60.000	+X	8525	36.658
Y	2023 8.728			

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-----
( Force - N      , Moment - N.m      , Tran. - mm , Rot. - deg )
Point/ Connect/ Load          L O C A L
G L O B A L
Supp. ID  Type  Combination      Dirn  Force  Deform
Dirn  Force  Deform
-----
--
Z      -29206   0.000
Tag No.: KU-B
275      Gravity{1}
X      0.031
275  1  V - Stop
Y      0.001
Stiff :RIGID
Z      -21399   0.000
Tag No.: KU-A
277      Gravity{1}
X      -80   0.003
277  1  Guide
Y      213  -0.008
Stiff :RIGID
Z      -15138   0.000
Tag No.: KU-B
278      Gravity{1}
X      0.045
278  1  V - Stop
Y      0.008
Stiff :RIGID
Z      -30704   0.000

```

			S U P P O R T F O R C E S		
(Force - N , Moment - N.m , Tran. - mm , Rot. - deg)			L O C A L		
Point/	Connect/	Load	Dirn	Force	Deform
Dirn	Force	Deform			
-----			----	-----	-----
--					--
Z	-29206	0.000	+Y	2023	8.728
Tag No.: KU-B					
275		Gravity{1}	down	21399	0.000
X	0.031				
275	1	V - Stop	+X		0.031
Y	0.001				
Stiff	:RIGID		+Y		0.001
Z	-21399	0.000			
Tag No.: KU-A					
277		Gravity{1}	down	15140	0.000
X	-80	0.003			
277	1	Guide	right	1	0.000
Y	213	-0.008			
Stiff	:RIGID		back		0.009
Z	-15138	0.000			
Tag No.: KU-B					
278		Gravity{1}	down	30704	0.000
X	0.045				
278	1	V - Stop	+X		0.045
Y	0.008				
Stiff	:RIGID		+Y		0.008
Z	-30704	0.000			

			T1+GR1+P1	down	31299	0.000
X	3385	21.822				
	Comp.Wt :	60.000		+X	3385	21.822
Y	-8759	-56.346				
				-Y	8759	56.346
Z	-31299	0.000				

Tag No.: KU-A						
279			Gravity{1}	down	24330	0.000
X	-121	0.002				
279	1	Guide		left	1	0.000
Y	321	-0.006				
	Stiff	:RIGID		back		0.006
Z	-24327	0.000				

			T1+GR1+P1	down	24108	0.000
X	2561	13.136				
	Comp.Wt :	0.000		rght	155	0.000
Y	-6450	-35.367				
				back	7279	37.732
Z	-24209	-0.532				

Tag No.: KU-B						
280			Gravity{1}	down	27099	0.000
X		-0.001				
280	1	V - Stop		-X		0.001
Y		-0.005				
	Stiff	:RIGID		-Y		0.005
Z	-27099	0.000				

			T1+GR1+P1	down	27628	0.000
X	2917	8.984				
	Comp.Wt :	60.000		+X	2917	8.984
Y	-7758	-23.898				
				-Y	7758	23.898
Z	-27628	0.000				

Tag No.: PB						
281			Gravity{1}	back	556	0.000
X	195	0.000				
281	1	Line Stp		down		0.000
Y	-521	0.000				
	Stiff	:RIGID		left		0.000
Z	-1	0.000				

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-----
( Force - N      , Moment - N.m      , Tran. - mm , Rot. - deg )
Point/ Connect/ Load          L O C A L
G L O B A L
Supp. ID  Type  Combination  Dirn  Force  Deform
Dirn  Force  Deform
-----
--
X      -1200    0.000      T1+GR1+P1      forw      3421    0.000
Comp.Wt : 65.000      down      0.000
Y      3204    0.000      left      0.000
Z          6    0.000

Tag No.: KU-A
282      Gravity{1}      down      27781    0.000
X      -88    0.001      left      3    0.000
282  1  Guide
Y      225   -0.002      back      0.002
Stiff :RIGID
Z      -27780  0.000

X      -2709   -6.244      T1+GR1+P1      down      28259    0.000
Comp.Wt : 0.000      rght      423    0.000
Y      8436   16.670      forw      8604   17.802
Z      -28183  0.155

Tag No.: KU-B
283      Gravity{1}      down      29194    0.000
X          0.000      +X      0.000
283  1  V - Stop
Y          -0.004      -Y      0.004
Stiff :RIGID
Z      -29194  0.000

X      -2347  -10.216      T1+GR1+P1      down      28908    0.000
Comp.Wt : 60.000      -X      2347   10.216
Y      8349   36.338      +Y      8349   36.338
Z      -28908  0.000

Tag No.: KU-A
284      Gravity{1}      down      26121    0.000
X      -84    0.002
```

284	1	Guide		right	2	0.000
Y		228	-0.005			
		Stiff	:RIGID	back		0.005
Z		-26120	0.000			
			T1+GR1+P1	down	26373	0.000
X		-7934	-19.892			
		Comp.Wt :	0.000	left	4852	0.000
Y		7281	52.712			
				forw	9368	56.342
Z		-26285	0.525			
		Tag No.:	KU-B			
		285				
			Gravity{1}	down	24248	0.000
X			0.051			
		285	1 V - Stop	+X		0.051
Y			0.014			
		Stiff	:RIGID	+Y		0.014
Z		-24248	0.000			
			T1+GR1+P1	down	23997	0.000
X		-3371	-34.520			
		Comp.Wt :	60.000	-X	3371	34.520
Y		6361	65.260			
				+Y	6361	65.260
Z		-23997	0.000			
		Tag No.:	KU-B			
		290				
			Gravity{1}	down	30094	0.000
X			0.019			
		290	1 V - Stop	+X		0.019
Y			0.010			
		Stiff	:RIGID	+Y		0.010
Z		-30094	0.000			
			T1+GR1+P1	down	30065	0.000
X		7633	17.006			
		Comp.Wt :	60.000	+X	7633	17.006
Y		4805	10.703			
				+Y	4805	10.703
Z		-30065	0.000			
		Tag No.:	KU-B			
		295				
			Gravity{1}	down	26340	0.000
X			-0.010			
		295	1 V - Stop	-X		0.010
Y			-0.006			

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-----
( Force - N      , Moment - N.m      , Tran. - mm , Rot. - deg )
Point/ Connect/ Load                L O C A L
G L O B A L
Supp. ID  Type  Combination  Dirn  Force  Deform
Dirn  Force  Deform
-----
--
Stiff :RIGID                -Y                0.006
Z      -26340  0.000

                                T1+GR1+P1
X      2116  14.893
Comp.Wt : 60.000
Y      -7659 -53.947
Z      -26487  0.000

                                T1+GR1+P1
X      2116  14.893
Comp.Wt : 60.000
Y      -7659 -53.947
Z      -26487  0.000

                                T1+GR1+P1
X      2116  14.893
Comp.Wt : 60.000
Y      -7659 -53.947
Z      -26487  0.000

Tag No.: KU-A
296 Gravity{1}
X      -74  0.001
296 1 Guide
Y      183 -0.002
Stiff :RIGID
Z      -29292  0.000

                                T1+GR1+P1
X      6  13.186
Comp.Wt : 0.000
Y      -10418 -33.561
Z      -29247 -0.243

Tag No.: KU-B
297 Gravity{1}
X      -0.021
297 1 V - Stop
Y      -0.009
Stiff :RIGID
Z      -26257  0.000

                                T1+GR1+P1
X      3452  7.408
Comp.Wt : 60.000
Y      -7356 -15.840
Z      -27086  0.000

Tag No.: PB
```

298		Gravity{1}	back	728	0.000
X	260	0.000			
298	1	Line Stp	down		0.000
Y	-680	0.000			
Stiff	:	RIGID	left		0.000
Z	-1	0.000			
		T1+GR1+P1	back	4846	0.000
X	1731	0.000			
Comp.Wt :	65.000		down		0.000
Y	-4526	0.000			
			left		0.000
Z	-9	0.000			
Tag No.: KU-A					
299		Gravity{1}	down	24722	0.000
X	-70	0.002			
299	1	Guide	left	5	0.000
Y	170	-0.006			
Stiff	:	RIGID	back		0.006
Z	-24721	0.000			
		T1+GR1+P1	down	25343	0.000
X	-2390	-6.182			
Comp.Wt :	0.000		rght	475	0.000
Y	7580	16.163			
			forw	7746	17.306
Z	-25285	0.129			
Tag No.: KU-B					
300		Gravity{1}	down	25524	0.000
X		-0.017			
300	1	V - Stop	-X		0.017
Y		-0.018			
Stiff	:	RIGID	-Y		0.018
Z	-25524	0.000			
		T1+GR1+P1	down	25016	0.000
X	-2180	-9.955			
Comp.Wt :	60.000		-X	2180	9.955
Y	7181	32.719			
			+Y	7181	32.719
Z	-25016	0.000			
Tag No.: KU-A					

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-----
( Force - N      , Moment - N.m      , Tran. - mm , Rot. - deg )
Point/ Connect/ Load              L O C A L
G L O B A L
Supp. ID  Type  Combination      Dirn  Force  Deform
Dirn  Force  Deform
-----
--
301              Gravity{1}      down    27337   0.000
X      -360    0.006
301  1  Guide      right         2    0.000
Y      942   -0.015
Stiff   :RIGID      back          0.016
Z     -27319  -0.001

              T1+GR1+P1      down    28656   0.000
X     -8587  -18.664
Comp.Wt :    0.000      left     4922    0.000
Y      8616   48.529      forw    10073   52.029
Z     -28265   1.920

Tag No.: KU-B
302              Gravity{1}      down    21401   0.000
X              0.373
302  1  V - Stop      +X          0.373
Y              0.126      +Y          0.126
Stiff   :RIGID
Z     -21401   0.000

              T1+GR1+P1      down    20429   0.000
X     -2436  -27.139      -X     2436   27.139
Comp.Wt :   60.000
Y      5624   63.642      +Y     5624   63.642
Z     -20429   0.000

Tag No.: KU-B
307              Gravity{1}      down    29472   0.000
X              0.185
307  1  V - Stop      +X          0.185
Y              0.161      +Y          0.161
Stiff   :RIGID
Z     -29472   0.000

              T1+GR1+P1      down    29566   0.000
X      8249   22.223      +X     8249   22.223
Comp.Wt :   60.000
Y      3259    8.867

```

Z	-29566	0.000		+Y	3259	8.867
Tag No.: KU-B						
312			Gravity{1}	down	23391	0.000
X		0.178				
312	1	V - Stop		+X		0.178
Y		0.062				
Stiff		:RIGID		+Y		0.062
Z	-23391	0.000				
T1+GR1+P1						
X	2139	21.384		down	23702	0.000
Comp.Wt :	60.000			+X	2139	21.384
Y	-6781	-67.156		-Y	6781	67.156
Z	-23702	0.000				
Tag No.: KU-A						
313			Gravity{1}	down	29163	0.000
X	-115	0.002				
313	1	Guide		right	5	0.000
Y	308	-0.006		back		0.007
Stiff		:RIGID				
Z	-29162	0.000				
T1+GR1+P1						
X	-786	18.750		down	28822	0.000
Comp.Wt :	0.000			left	4637	0.000
Y	-10734	-48.017		back	10038	51.551
Z	-28934	-0.580				
Tag No.: KU-B						
314			Gravity{1}	down	24770	0.000
X		-0.029				
314	1	V - Stop		-X		0.029
Y		-0.017		-Y		0.017
Stiff		:RIGID				
Z	-24770	0.000				
T1+GR1+P1						
X	3319	14.588		down	25352	0.000
Comp.Wt :	60.000			+X	3319	14.588
Y	-6843	-30.160		-Y	6843	30.160
Z	-25352	0.000				

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-----
( Force - N      , Moment - N.m      , Tran. - mm , Rot. - deg )
Point/ Connect/ Load          L O C A L
G L O B A L
Supp. ID  Type  Combination      Dirn  Force  Deform
Dirn  Force  Deform
-----
Tag No.: KU-A
315          Gravity{1}          down    24096    0.000
X      -168    0.001
315  1  Guide          left         9    0.000
Y      404  -0.003
Stiff  :RIGID          back         0.004
Z     -24092    0.000

          T1+GR1+P1          down    23955    0.000
X      3018    6.297
Comp.Wt :    0.000          right     528    0.000
Y     -6237  -16.022          back    7345   17.218
Z     -24084   -0.313

Tag No.: PB
316          Gravity{1}          back     545    0.000
X      199    0.000
316  1  Line Stp          down         0.000
Y     -508    0.000
Stiff  :RIGID          left         0.000
Z      -17    0.000

          T1+GR1+P1          back  1545653    0.001
X   562975    0.000
Comp.Wt :  65.000          down         0.000
Y  -1438715  -0.001          left         0.000
Z    -46915    0.000

Tag No.: PB
317          Gravity{1}          back     43    0.000
X      16    0.000
317  1  Line Stp          down         0.000
Y     -40    0.000
Stiff  :RIGID          left         0.000
Z      -1    0.000

          T1+GR1+P1          forw  1568088    0.001
X   -571147    0.000
```

Comp.Wt :	65.000		down		0.000
Y	1459598	0.001			
			left		0.000
Z	47596	0.000			
Tag No.: PB					
318		Gravity{1}	back	2157	0.000
X	1400	0.000			
318	1	Line Stp	down		0.000
Y	-1616	0.000			
Stiff	:RIGID		left		0.000
Z	-288	0.000			
		T1+GR1+P1	back	26117	0.000
X	16944	0.000			
Comp.Wt :	65.000		down		0.000
Y	-19567	0.000			
			left		0.000
Z	-3484	0.000			
Tag No.: KU-A					
319		Gravity{1}	down	21598	0.000
X	-1913	0.006			
319	1	Guide	left	17	0.000
Y	2209	-0.008			
Stiff	:RIGID		back		0.010
Z	-21399	-0.001			
		T1+GR1+P1	down	17308	0.000
X	-5052	-7.105			
Comp.Wt :	0.000		left	193	0.000
Y	5606	8.303			
			forw	5250	11.029
Z	-16438	1.492			
Tag No.: KU-B					
321		Gravity{1}	down	28294	0.000
X		0.019			
321	1	V - Stop	+X		0.019
Y		0.003			
Stiff	:RIGID		+Y		0.003
Z	-28294	0.000			
		T1+GR1+P1	down	27413	0.000
X	-5788	-20.437			
Comp.Wt :	60.000		-X	5788	20.437
Y	5842	20.653			

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-----
( Force - N      , Moment - N.m      , Tran. - mm , Rot. - deg )
Point/ Connect/ Load                L O C A L
G L O B A L
Supp. ID  Type  Combination          Dirn  Force  Deform
Dirn  Force  Deform
-----
--
Z      -27413   0.000
Tag No.: KU-A
322      Gravity{1}
X      -294    0.008
322  1  Guide
Y      328   -0.009
Stiff   :RIGID
Z      -21305   0.000
Tag No.: KU-A
322      Gravity{1}
X      -2312  -30.355
Comp.Wt : 0.000
Y      9071   34.816
Z      -21951   0.955
Tag No.: KU-B
323      Gravity{1}
X      -0.022
323  1  V - Stop
Y      -0.035
Stiff   :RIGID
Z      -30761   0.000
Tag No.: KU-B
323      Gravity{1}
X      -5558  -39.009
Comp.Wt : 60.000
Y      7055   49.445
Z      -29937   0.000
Tag No.: KU-B
329      Gravity{1}
X      -0.198
329  1  V - Stop
Y      0.019
Stiff   :RIGID
Z      -23535   0.000
S U P P O R T      F O R C E S
, Tran. - mm , Rot. - deg )
L O C A L
Dirn  Force  Deform
-----
--
+Y      5842  20.653
down    21310  0.000
left     6    0.000
back     0.012
down    22119  0.000
rght    4218  0.000
forw    7901  46.200
down    30761  0.000
-X      0.022
-Y      0.035
down    29937  0.000
-X      5558  39.009
+Y      7055  49.445
down    23535  0.000
-X      0.198
+Y      0.019

```

		T1+GR1+P1	down	23798	0.000
X	-4119	-17.565			
Comp.Wt :	60.000		-X	4119	17.565
Y	-5831	-24.567			
			-Y	5831	24.567
Z	-23798	0.000			
Tag No.: KU-B					
334		Gravity{1}	down	29863	0.000
X		0.116			
334	1	V - Stop	+X		0.116
Y		0.084			
Stiff	:	RIGID	+Y		0.084
Z	-29863	0.000			
		T1+GR1+P1	down	31191	0.000
X	7271	64.840			
Comp.Wt :	60.000		+X	7271	64.840
Y	-5890	-52.354			
			-Y	5890	52.354
Z	-31191	0.000			
Tag No.: KU-A					
336		Gravity{1}	down	20796	0.000
X	-573	0.021			
336	1	Guide	rght	7	0.000
Y	533	-0.019			
Stiff	:	RIGID	back		0.028
Z	-20781	-0.001			
		T1+GR1+P1	down	19300	0.000
X	8309	49.607			
Comp.Wt :	0.000		rght	5106	0.000
Y	-676	-45.332			
			back	7322	67.248
Z	-19561	-2.531			
Tag No.: KU-B					
337		Gravity{1}	down	23234	0.000
X		0.008			
337	1	V - Stop	+X		0.008
Y		-0.027			
Stiff	:	RIGID	-Y		0.027
Z	-23234	0.000			

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-----
( Force - N      , Moment - N.m      , Tran. - mm , Rot. - deg )
Point/ Connect/ Load          L O C A L
G L O B A L
Supp. ID  Type  Combination  Dirn  Force  Deform
Dirn  Force  Deform
-----
--
T1+GR1+P1
X      5218  35.496
Comp.Wt : 60.000
Y      -5407 -36.799
Z      -25049  0.000

Tag No.: KU-A
338      Gravity{1}
X      -749  0.016
338  1  Guide
Y      689 -0.014
Stiff :RIGID
Z      -24597 -0.001

T1+GR1+P1
X      4203  26.464
Comp.Wt : 0.000
Y      -4797 -24.485
Z      -24057 -1.491

Tag No.: KU-B
339      Gravity{1}
X      0.004
339  1  V - Stop
Y      -0.012
Stiff :RIGID
Z      -28485  0.000

T1+GR1+P1
X      6700  12.998
Comp.Wt : 60.000
Y      -5812 -11.285
Z      -29566  0.000

Tag No.: PB
342      Gravity{1}
X      2700  0.000
S U P P O R T      F O R C E S
, Tran. - mm , Rot. - deg )
L O C A L
Dirn  Force  Deform
-----
down  25049  0.000
+X      5218  35.496
-Y      5407  36.799
down  24618  0.000
left      3  0.000
back      0.021
down  23774  0.000
left      666  0.000
back  7332  36.084
down  28485  0.000
+X      0.004
-Y      0.012
down  29566  0.000
+X      6700  12.998
-Y      5812  11.285
back  3109  0.000
```

342	1	Line Stp		down		0.000
Y		-1539	0.000			
Stiff		:RIGID		left		0.000
Z		-82	0.000			
			T1+GR1+P1	back	3315	0.000
X		2879	0.000			
Comp.Wt :		65.000		down		0.000
Y		-1641	0.000			
				rght		0.000
Z		-88	0.000			
Tag No.:		KU-B				
343			Gravity{1}	down	23571	0.000
X			0.036			
343	1	V - Stop		+X		0.036
Y			0.027			
Stiff		:RIGID		+Y		0.027
Z		-23571	0.000			
			T1+GR1+P1	down	23204	0.000
X		-5731	-13.516			
Comp.Wt :		60.000		-X	5731	13.516
Y		3951	9.369			
				+Y	3951	9.369
Z		-23204	0.000			
Tag No.:		KU-A				
344			Gravity{1}	down	28575	0.000
X		-978	0.031			
344	1	Guide		left	69	0.000
Y		472	-0.018			
Stiff		:RIGID		back		0.036
Z		-28554	-0.001			
			T1+GR1+P1	down	29550	0.000
X		-9772	-28.582			
Comp.Wt :		0.000		left	1435	0.000
Y		3862	16.115			
				forw	9296	32.835
Z		-29176	1.245			
Tag No.:		KU-B				
345			Gravity{1}	down	10971	0.000
X			-0.169			
345	1	V - Stop		-X		0.169
Y			-0.401			

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-----
( Force - N      , Moment - N.m      , Tran. - mm , Rot. - deg )
Point/ Connect/ Load              L O C A L
G L O B A L
Supp. ID  Type  Combination      Dirn  Force  Deform
Dirn  Force  Deform
-----
--
Stiff :RIGID                    -Y              0.401
Z    -10971  0.000

                                T1+GR1+P1
X    -2866 -47.392              down    10265  0.000
Comp.Wt : 60.000                -X      2866  47.392
Y     1126  18.141              +Y      1126  18.141
Z    -10265  0.000

Tag No.: KU-A
346 Gravity{1}                  down    52701  0.000
X    -1875  0.051
346 1 Guide                     right     108  0.000
Y     1154 -0.028
Stiff :RIGID                    back              0.058
Z    -52655 -0.002

                                T1+GR1+P1
X    -14289 -59.081             down    52848  0.000
Comp.Wt : 0.000                 right     6959  0.000
Y     15796 32.480              forw    17942  67.479
Z    -52054  2.815

Tag No.: KU-B
351 Gravity{1}                  down    25828  0.000
X              -1.861
351 1 V - Stop                  -X              1.861
Y              0.693
Stiff :RIGID                    +Y              0.693
Z    -25828  0.000

                                T1+GR1+P1
X    -2150 -1.868              down    25477  0.000
Comp.Wt : 60.000                -X      2150  1.868
Y    -6272  0.672              -Y      6272 -0.672
Z    -25477  0.000

Tag No.: KU-B

```

356		Gravity{1}	down	45438	0.000
X		0.264			
356	1	V - Stop	+X		0.264
Y		1.216			
Stiff		:RIGID	+Y		1.216
Z		-45438 0.000			

		T1+GR1+P1	down	44454	0.000
X	13336	85.287			
Comp.Wt :	60.000		+X	13336	85.287
Y	-69	0.779			
			-Y	69	-0.779
Z		-44454 0.000			

Tag No.: KU-A					
357		Gravity{1}	down	12516	0.000
X	95	-0.010			
357	1	Guide	right	126	0.000
Y	107	0.002			
Stiff		:RIGID	forw		0.010
Z		-12516 0.000			

		T1+GR1+P1	down	12998	0.000
X	6748	65.488			
Comp.Wt :	0.000		right	5573	0.000
Y	4166	-15.076			
			back	5571	67.202
Z		-12967 0.365			

Tag No.: KU-B					
358		Gravity{1}	down	28793	0.000
X		-0.061			
358	1	V - Stop	-X		0.061
Y		-0.233			
Stiff		:RIGID	-Y		0.233
Z		-28793 0.000			

		T1+GR1+P1	down	28716	0.000
X	8158	47.453			
Comp.Wt :	60.000		+X	8158	47.453
Y	-2767	-16.346			
			-Y	2767	16.346
Z		-28716 0.000			

Tag No.: KU-A

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-----
( Force - N , Moment - N.m , Tran. - mm , Rot. - deg )
Point/ Connect/ Load L O C A L
G L O B A L
Supp. ID Type Combination Dirn Force Deform
Dirn Force Deform
-----
--
359 Gravity{1} down 24195 0.000
X -169 -0.003
359 1 Guide left 70 0.000
Y -32 0.001
Stiff :RIGID forw 0.004
Z -24195 0.000

T1+GR1+P1 down 24654 0.000
X 7098 31.923
Comp.Wt : 0.000 left 836 0.000
Y -2526 -7.496 back 7647 32.792
Z -24703 -0.212

Tag No.: KU-B
360 Gravity{1} down 24928 0.000
X -0.003
360 1 V - Stop -X 0.003
Y -0.006 -Y 0.006
Stiff :RIGID
Z -24928 0.000

T1+GR1+P1 down 25393 0.000
X 7475 15.636
Comp.Wt : 60.000 +X 7475 15.636
Y -1470 -3.082 -Y 1470 3.082
Z -25393 0.000

Tag No.: PB
363 Gravity{1} forw 722 0.000
X -714 0.000
363 1 Line Stp down 0.000
Y 105 0.000 left 0.000
Stiff :RIGID
Z 6 0.000

T1+GR1+P1 forw 21126 0.000
X -20900 0.000 down 0.000
Comp.Wt : 65.000
Y 3079 0.000
```

Z	184	0.000	right		0.000
Tag No.: KU-A					
364		Gravity{1}	down	33140	0.000
X	-96	-0.007			
364	1	Guide	left	5	0.000
Y	10	0.001			
Stiff	:	RIGID	forw		0.008
Z	-33140	0.000			
T1+GR1+P1					
X	-11323	-20.536	down	37781	0.000
Comp.Wt	:	0.000	right	3	0.000
Y	1671	3.026			
			forw	11335	20.758
Z	-37748	0.061			
Tag No.: PZ-A					
365		Gravity{1}	down	23125	2.386
X		-0.030			
365	1	Spr. Hgr			
Y		-0.046			
Stiff	:	189			
Z	-23125	-2.386			
Preload : 22674 T1+GR1+P1					
X		-41.969	down	28054	28.445
Comp.Wt	:	100.000			
Y		6.201			
Spr Var	:	0.250			
Z	-28054	-28.445			
Tag No.: VCH					
B61		Gravity{1}	down	32114	0.000
X		-1.351			
B61	1	V - Stop	-X		1.351
Y		0.690			
Stiff	:	RIGID	+Y		0.690
Z	-32114	0.000			
T1+GR1+P1					
X	2317	23.196	down	23404	0.000
Comp.Wt	:	10.000	+X	2317	23.196
Y	-329	-2.795			
			-Y	329	2.795
Z	-23404	0.000			

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-----
( Force - N      , Moment - N.m      , Tran. - mm , Rot. - deg )
Point/ Connect/ Load                L O C A L
G L O B A L
Supp. ID  Type  Combination          Dirn  Force  Deform
Dirn  Force  Deform
-----
Tag No.: VCH
B63              Gravity{1}          down    34164    0.000
X              -1.330
B63  1  V - Stop          -X              1.330
Y              0.883
Stiff  :RIGID          +Y              0.883
Z      -34164    0.000

              T1+GR1+P1          down    25623    0.000
X      2541     3.195
Comp.Wt : 10.000          +X      2541    3.195
Y      -330     0.297          -Y      330   -0.297
Z      -25623    0.000

Tag No.: PZ-A
374              Gravity{1}          down    22408    4.288
X              -0.068
374  1  Spr. Hgr          -0.185
Y              -0.185
Stiff  : 189
Z      -22408   -4.288

Preload : 21597 T1+GR1+P1          down    28699   37.547
X      101.569
Comp.Wt : 100.000
Y      -15.284
Spr Var : 0.250
Z      -28699  -37.547

Tag No.: KU-A
375              Gravity{1}          down    32407    0.000
X      -435     0.043
375  1  Guide          left      2    0.000
Y      63   -0.006          back      0.044
Stiff  :RIGID
Z      -32404   -0.001

              T1+GR1+P1          down    37708    0.000
X      10685    80.890
```

Comp.Wt :	0.000	left	29	0.000
Y	-1632 -12.134	back	11321	81.802
Z	-37858 -1.109			
Tag No.:	KU-B			
376	Gravity{1}	down	29794	0.000
X	0.033	+X		0.033
376 1	V - Stop	-Y		0.006
Y	-0.006			
Stiff	:RIGID			
Z	-29794 0.000			
	T1+GR1+P1	down	27662	0.000
X	8219 61.479	+X	8219	61.479
Comp.Wt :	60.000	-Y	1150	8.607
Y	-1150 -8.607			
Z	-27662 0.000			
Tag No.:	KU-B			
377	Gravity{1}	down	32284	0.000
X	0.025	+X		0.025
377 1	V - Stop	+Y		0.014
Y	0.014			
Stiff	:RIGID			
Z	-32284 0.000			
	T1+GR1+P1	down	32673	0.000
X	9695 39.780	+X	9695	39.780
Comp.Wt :	60.000	-Y	1442	5.899
Y	-1442 -5.899			
Z	-32673 0.000			
Tag No.:	KU-A			
378	Gravity{1}	down	28893	0.000
X	-270 0.012	rght	4	0.000
378 1	Guide	back		0.012
Y	44 -0.002			
Stiff	:RIGID			
Z	-28892 0.000			
	T1+GR1+P1	down	28701	0.000
X	8257 19.556	left	50	0.000
Comp.Wt :	0.000			
Y	-1264 -2.876			

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-----
( Force - N      , Moment - N.m      , Tran. - mm , Rot. - deg )
Point/ Connect/ Load          L O C A L
G L O B A L
Supp. ID  Type  Combination      Dirn  Force  Deform
Dirn  Force  Deform
-----
--
Z      -28782  -0.187
Tag No.: PB
379      Gravity{1}
X      1058    0.000
379  1  Line Stp
Y      -156    0.000
Stiff   :RIGID
Z      -3      0.000
Tag No.: KU-B
380      Gravity{1}
X      0.000
380  1  V - Stop
Y      0.000
Stiff   :RIGID
Z      -19979  0.000
Tag No.: PB
381      Gravity{1}
X      24     0.000
381  1  Line Stp
Y      -3     0.000
Stiff   :RIGID
Z      0      0.000
S U P P O R T      F O R C E S
, Tran. - mm , Rot. - deg )
back      8625  19.768
back      1069  0.000
down      0.000
left      0.000
back      1738423  0.001
down      0.000
right     0.000
down      19979  0.000
+X        0.000
+Y        0.000
down      28055  0.000
+X        1191  1.667
+Y        8332  11.660
back      24     0.000
down      0.000
left      0.000

```

		T1+GR1+P1			
X	-1747594	-0.001	forw	1764368	0.001
	Comp.Wt :	65.000	down		0.000
Y	242569	0.000	right		0.000
Z	8245	0.000			

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S

Point	Load	FORCES (N)				
MOMENTS (N.m)						
name	combination	X	Y	Z	Result	X
Y	Z	Result				
*** Segment A begin ***						
1	Gravity{1}	-831	24	2949	3064	1249
-485	6 1340					
	T1+GR1+P1	-43972	2015	2884	44112	945
-985	-841 1603					
2	- Gravity{1}	-831	24	-10035	10069	1966
19664	-26 19762					
	T1+GR1+P1	-43972	2015	-10100	45162	1715
20400	1723 20544					
2	+ Gravity{1}	-651	25	12620	12636	1966
19664	-26 19762					
	T1+GR1+P1	-36647	1104	13088	38930	1715
20400	1723 20544					
3	- Gravity{1}	-651	25	-13311	13326	2107
23643	-7 23737					
	T1+GR1+P1	-36647	1104	-12843	38848	1764
22305	-548 22381					
3	+ Gravity{1}	-651	25	12108	12126	2107
23643	-7 23737					
	T1+GR1+P1	-29041	235	12086	31457	1764
22305	-548 22381					
4	- Gravity{1}	-651	25	-11640	11659	2019
21285	-2 21381					
	T1+GR1+P1	-29041	235	-11662	31297	1708
23300	-9380 25175					
4	+ Gravity{1}	-2	0	12513	12513	2019
21285	-2 21381					
	T1+GR1+P1	-19337	4267	13277	23841	1708
23300	-9380 25175					
5	- Gravity{1}	-2	0	-12101	12101	1937
19064	2 19163					

			T1+GR1+P1	-19337	4267	-11337	22818	2555	
18462			28786 34293						
5	+		Gravity{1}	-2	0	12415	12415	1937	
19064			2 19163						
			T1+GR1+P1	-12033	4727	12467	17961	2555	
18462			28786 34293						
7	N		Gravity{1}	-2	0	8993	8993	1312	
3040			3 3311						
			T1+GR1+P1	-12033	4727	9046	15779	2032	
2627			35161 35317						
7	M		Gravity{1}	-2	0	7254	7254	-1134	-
2473			2 2720						
			T1+GR1+P1	-12033	4727	7306	14850	-392	-
2825			34610 34727						
7	F		Gravity{1}	-2	0	5515	5515	-5547	-
4195			1 6955						
			T1+GR1+P1	-12033	4727	5568	14076	-4847	-
4573			27452 28249						
9	N		Gravity{1}	-2	0	-5306	5306	-6043	-
4176			-8 7346						
			T1+GR1+P1	-12033	4727	-5253	13955	-5759	-
4970			-30386 31324						
9	M		Gravity{1}	-2	0	-7045	7045	-1773	-
2506			-9 3070						
			T1+GR1+P1	-12033	4727	-6993	14698	-1529	-
3322			-37546 37724						
9	F		Gravity{1}	-2	0	-8785	8785	605	
2867			-10 2930						
			T1+GR1+P1	-12033	4727	-8732	15601	873	
2117			-38092 38160						
10	-		Gravity{1}	-2	0	-14790	14790	1794	
33842			-9 33889						
			T1+GR1+P1	-12033	4727	-14738	19605	2248	
33440			-26884 42966						

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S

Point Load			FORCES (N)				
MOMENTS (N.m)							
name	combination		X	Y	Z	Result	X
Y	Z	Result					
10	+	Gravity{1}	-2	0	14549	14549	1794
33842	-9	33889					
		T1+GR1+P1	-13252	-4150	14543	20108	2248
33440	-26884	42966					
12	N	Gravity{1}	-2	0	8544	8544	629
3501	-8	3557					
		T1+GR1+P1	-13252	-4150	8537	16301	916
3653	-39128	39308					
12	M	Gravity{1}	-2	0	6804	6804	2525
1871	-7	3143					
		T1+GR1+P1	-13252	-4150	6798	15461	2766
1574	-38605	38736					
12	F	Gravity{1}	-2	0	5064	5064	6492
3790	-6	7517					
		T1+GR1+P1	-13252	-4150	5058	14779	6710
3433	-30955	31859					
14	N	Gravity{1}	-2	0	-5575	5575	5304
3745	3	6493					
		T1+GR1+P1	-13252	-4150	-5581	14966	5492
3380	29999	30684					
14	M	Gravity{1}	-2	0	-7315	7315	991
1668	5	1940					
		T1+GR1+P1	-13252	-4150	-7321	15698	1168
1281	37653	37693					
14	F	Gravity{1}	-2	0	-9055	9055	-1038
4062	6	4193					
		T1+GR1+P1	-13252	-4150	-9061	16581	-878
4500	38178	38452					
15	-	Gravity{1}	-2	0	-12103	12103	-494
18174	6	18180					
		T1+GR1+P1	-13252	-4150	-12110	18425	-362
18712	31961	37037					

15	+	Gravity{1}	-2	0	12514	12514	-494
18174		6 18180					
		T1+GR1+P1	-20779	-2873	12753	24549	-362
18712		31961 37037					
16	-	Gravity{1}	-2	0	-14052	14052	-149
27113		10 27113					
		T1+GR1+P1	-20779	-2873	-13814	25117	-296
26129		-10771 28263					
16	+	Gravity{1}	364	-14	13192	13197	-149
27113		10 27113					
		T1+GR1+P1	-29729	2020	13424	32681	-296
26129		-10771 28263					
17	-	Gravity{1}	364	-14	-12301	12307	-343
22093		8 22096					
		T1+GR1+P1	-29729	2020	-12069	32149	-285
23033		-1053 23059					
17	+	Gravity{1}	364	-14	12292	12298	-343
22093		8 22096					
		T1+GR1+P1	-37332	1634	12718	39472	-285
23033		-1053 23059					
18	-	Gravity{1}	364	-14	-12239	12244	-354
21776		-5 21779					
		T1+GR1+P1	-37332	1634	-11813	39190	-328
21158		2197 21275					
18	+	Gravity{1}	960	-30	12155	12193	-354
21776		-5 21779					
		T1+GR1+P1	-44366	1277	13177	46299	-328
21158		2197 21275					
19	-	Gravity{1}	960	-30	-12143	12181	-364
21461		44 21465					
		T1+GR1+P1	-44366	1277	-11121	45756	-386
21768		-1048 21797					
19	+	Gravity{1}	-745	25	10711	10737	1489
16688		4 16754					
		T1+GR1+P1	-56362	2043	10784	57421	1382
16927		-353 16987					

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S

Point		Load		FORCES (N)			
MOMENTS		(N.m)					
name		combination		X	Y	Z	Result
Y	Z	Result					X

20	-	Gravity{1}		-745	25	-11576	11600
20904		-10	20968				1639
		T1+GR1+P1		-56362	2043	-11503	57560
20433		-29	20489				1507
20	+	Gravity{1}		-745	25	12342	12365
20904		-10	20968				1639
		T1+GR1+P1		-48956	1907	12599	50587
20433		-29	20489				1507
21	-	Gravity{1}		-745	25	-13248	13268
26041		-30	26105				1824
		T1+GR1+P1		-48956	1907	-12991	50686
27031		1574	27134				1757
21	+	Gravity{1}		-398	16	13500	13506
26041		-30	26105				1824
		T1+GR1+P1		-40303	1203	14237	42761
27031		1574	27134				1757
22	-	Gravity{1}		-398	16	-12920	12926
22750		-6	22814				1706
		T1+GR1+P1		-40303	1203	-12183	42121
21198		-1312	21292				1510
22	+	Gravity{1}		-398	16	12018	12025
22750		-6	22814				1706
		T1+GR1+P1		-32866	524	12122	35034
21198		-1312	21292				1510
23	-	Gravity{1}		-398	16	-11754	11761
21432		6	21496				1655
		T1+GR1+P1		-32866	524	-11650	34874
23346		-8995	25063				1489
23	+	Gravity{1}		0	0	12474	12474
21432		6	21496				1655
		T1+GR1+P1		-23315	5113	13113	27233
23346		-8995	25063				1489

24	-	Gravity{1}	0	0	-12549	12549	1671	
21842		3 21906						
		T1+GR1+P1	-23315	5113	-11910	26675	2157	
20963		37179 42736						
24	+	Gravity{1}	0	0	12916	12916	1671	
21842		3 21906						
		T1+GR1+P1	-15663	5053	13009	20978	2157	
20963		37179 42736						
26	N	Gravity{1}	0	0	8883	8883	972	
2606		2 2782						
		T1+GR1+P1	-15663	5053	8976	18746	1572	
1935		45092 45161						
26	M	Gravity{1}	0	0	7143	7143	-1426	-
2839		2 3177						
		T1+GR1+P1	-15663	5053	7236	17978	-808	-
3429		43664 43806						
26	F	Gravity{1}	0	0	5403	5403	-5759	-
4543		2 7335						
		T1+GR1+P1	-15663	5053	5497	17351	-5187	-
5097		34079 34846						
28	N	Gravity{1}	0	0	-5115	5115	-6422	-
4519		2 7853						
		T1+GR1+P1	-15663	5053	-5022	17207	-6279	-
5057		-38868 39696						
28	M	Gravity{1}	0	0	-6855	6855	-2289	-
2889		2 3686						
		T1+GR1+P1	-15663	5053	-6761	17792	-2191	-
3392		-48454 48622						
28	F	Gravity{1}	0	0	-8594	8594	19	
2361		2 2361						
		T1+GR1+P1	-15663	5053	-8501	18523	135	
1941		-49880 49918						
29	-	Gravity{1}	0	0	-14604	14604	1128	
32863		1 32883						
		T1+GR1+P1	-15663	5053	-14511	21941	1413	
32752		-38090 50254						

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S

Point Load			FORCES (N)				
MOMENTS (N.m)							
name	combination		X	Y	Z	Result	X
Y	Z	Result					
29	+	Gravity{1}	0	0	14638	14638	1128
32863	1	32883					
		T1+GR1+P1	-15982	-3882	14703	22061	1413
32752	-38090	50254					
31	N	Gravity{1}	0	0	8622	8622	15
2248	0	2248					
		T1+GR1+P1	-15982	-3882	8687	18600	157
2531	-49838	49903					
31	M	Gravity{1}	0	0	6886	6886	1936
3168	0	3712					
		T1+GR1+P1	-15982	-3882	6951	17855	2058
2783	-48412	48536					
31	F	Gravity{1}	0	0	5149	5149	5951
5110	0	7844					
		T1+GR1+P1	-15982	-3882	5215	17253	6103
4684	-38858	39612					
33	N	Gravity{1}	0	0	-5388	5388	5401
5088	0	7421					
		T1+GR1+P1	-15982	-3882	-5322	17286	5854
4671	34132	34943					
33	M	Gravity{1}	0	0	-7126	7126	1221
3069	0	3303					
		T1+GR1+P1	-15982	-3882	-7061	17898	1702
2611	43696	43807					
33	F	Gravity{1}	0	0	-8864	8864	-758
2519	0	2631					
		T1+GR1+P1	-15982	-3882	-8798	18652	-295
3080	45111	45217					
34	-	Gravity{1}	0	0	-12844	12844	-49
21426	-1	21426					
		T1+GR1+P1	-15982	-3882	-12779	20828	318
22249	37305	43437					

34	+	Gravity{1}	0	0	12258	12258	-49
21426		-1 21426					
		T1+GR1+P1	-23795	-3359	12737	27198	318
22249		37305 43437					
35	-	Gravity{1}	0	0	-12570	12570	14
23121		-4 23121					
		T1+GR1+P1	-23795	-3359	-12092	26902	-216
21604		-8826 23339					
35	+	Gravity{1}	324	-11	12593	12597	14
23121		-4 23121					
		T1+GR1+P1	-32182	1893	12736	34662	-216
21604		-8826 23339					
36	-	Gravity{1}	324	-11	-12236	12241	-60
21140		2 21141					
		T1+GR1+P1	-32182	1893	-12094	34431	-81
22619		-1300 22656					
36	+	Gravity{1}	324	-11	11813	11817	-60
21140		2 21141					
		T1+GR1+P1	-39754	1769	12562	41730	-81
22619		-1300 22656					
37	-	Gravity{1}	324	-11	-12103	12108	-4
22619		9 22619					
		T1+GR1+P1	-39754	1769	-11353	41382	-88
21466		1656 21530					
37	+	Gravity{1}	723	-27	12748	12768	-4
22619		9 22619					
		T1+GR1+P1	-46865	1616	13333	48752	-88
21466		1656 21530					
38	-	Gravity{1}	723	-27	-12837	12858	10
22989		9 22989					
		T1+GR1+P1	-46865	1616	-12252	48467	-23
23860		120 23860					
38	+	Gravity{1}	723	-27	12230	12251	10
22989		9 22989					
		T1+GR1+P1	-54805	2101	13673	56524	-23
23860		120 23860					

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S

Point Load			FORCES (N)				
MOMENTS (N.m)							
name	combination		X	Y	Z	Result	X
Y	Z	Result					

39	-	Gravity{1}	723	-27	-11635	11658	-119
19712		23 19712					
		T1+GR1+P1	-54805	2101	-10192	55784	-234
18832		-458 18839					
39	+	Gravity{1}	-667	26	10804	10825	1648
16974		-9 17054					
		T1+GR1+P1	-56569	2265	11187	57709	1630
17346		-378 17426					
40	-	Gravity{1}	-667	26	-11226	11245	1729
19039		-12 19118					
		T1+GR1+P1	-56569	2265	-10843	57644	1678
18517		4 18593					
40	+	Gravity{1}	-667	26	11642	11661	1729
19039		-12 19118					
		T1+GR1+P1	-49511	2107	12104	51012	1678
18517		4 18593					
41	-	Gravity{1}	-667	26	-12656	12674	1947
24518		-19 24595					
		T1+GR1+P1	-49511	2107	-12194	51034	1971
25443		1533 25565					
41	+	Gravity{1}	-309	13	13272	13276	1947
24518		-19 24595					
		T1+GR1+P1	-41154	1389	14023	43500	1971
25443		1533 25565					
42	-	Gravity{1}	-309	13	-13145	13149	1920
23834		-13 23912					
		T1+GR1+P1	-41154	1389	-12395	43003	1821
22620		-1274 22729					
42	+	Gravity{1}	-309	13	12411	12415	1920
23834		-13 23912					
		T1+GR1+P1	-33513	675	12597	35809	1821
22620		-1274 22729					

43	-	Gravity{1}	-309	13	-12757	12761	1994	
25783		-3 25860						
		T1+GR1+P1	-33513	675	-12571	35800	1910	
27166		-7998 28383						
43	+	Gravity{1}	2	0	13877	13877	1994	
25783		-3 25860						
		T1+GR1+P1	-23350	5434	14364	27948	1910	
27166		-7998 28383						
44	-	Gravity{1}	2	0	-11583	11583	1504	
13003		-3 13090						
		T1+GR1+P1	-23350	5434	-11096	26418	1919	
12004		42564 44266						
44	+	Gravity{1}	2	0	10761	10761	1504	
13003		-3 13090						
		T1+GR1+P1	-16590	5050	10886	20475	1919	
12004		42564 44266						
46	N	Gravity{1}	2	0	8716	8716	1136	
4287		-3 4435						
		T1+GR1+P1	-16590	5050	8840	19465	1634	
3466		46456 46614						
46	M	Gravity{1}	2	0	6976	6976	-1240	-
1030		-2 1612						
		T1+GR1+P1	-16590	5050	7100	18739	-714	-
1714		44668 44707						
46	F	Gravity{1}	2	0	5237	5237	-5467	-
2667		-1 6083						
		T1+GR1+P1	-16590	5050	5361	18151	-5000	-
3291		34391 34908						
48	N	Gravity{1}	2	0	-4798	4798	-6431	-
2626		7 6946						
		T1+GR1+P1	-16590	5050	-4673	17960	-6509	-
3228		-39381 40045						
48	M	Gravity{1}	2	0	-6537	6537	-2508	-
1101		9 2739						
		T1+GR1+P1	-16590	5050	-6413	18489	-2646	-
1643		-49661 49758						

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S

Point		Load		FORCES (N)					
MOMENTS (N.m)									
name		combination		X	Y	Z	Result	X	
Y		Z	Result						

48	F	Gravity{1}		2	0	-8277	8277	-270	
3921		9	3930						
		T1+GR1+P1		-16590	5050	-8153	19162	-379	
3516		-51448	51569						
49	-	Gravity{1}		2	0	-14282	14282	981	
33551		9	33565						
		T1+GR1+P1		-16590	5050	-14158	22387	1116	
33666		-40023	52311						
49	+	Gravity{1}		2	0	14423	14423	981	
33551		9	33565						
		T1+GR1+P1		-17042	-3739	14589	22743	1116	
33666		-40023	52311						
51	N	Gravity{1}		2	0	8419	8419	-286	
3553		9	3565						
		T1+GR1+P1		-17042	-3739	8585	19445	-360	
4102		-51734	51898						
51	M	Gravity{1}		2	0	6679	6679	1557	-
1740		9	2335						
		T1+GR1+P1		-17042	-3739	6845	18742	1477	-
1089		-50000	50033						
51	F	Gravity{1}		2	0	4939	4939	5433	-
3635		8	6537						
		T1+GR1+P1		-17042	-3739	5105	18179	5448	-
2960		-39694	40176						
53	N	Gravity{1}		2	0	-5095	5095	5090	-
3621		-1	6247						
		T1+GR1+P1		-17042	-3739	-4929	18130	5860	-
3099		34430	35062						
53	M	Gravity{1}		2	0	-6835	6835	1110	-
1678		-2	2012						
		T1+GR1+P1		-17042	-3739	-6669	18679	1970	-
1112		44735	44792						

53	F	Gravity{1}	2	0	-8574	8574	-774
3721		-3 3800					
		T1+GR1+P1	-17042	-3739	-8408	19368	69
4443		46473 46685					
54	-	Gravity{1}	2	0	-11642	11642	-201
17284		-3 17285					
		T1+GR1+P1	-17042	-3739	-11476	20883	512
18329		40490 44449					
54	+	Gravity{1}	2	0	12213	12213	-201
17284		-3 17285					
		T1+GR1+P1	-24525	-3396	12904	27919	512
18329		40490 44449					
55	-	Gravity{1}	2	0	-13630	13630	110
25293		-3 25293					
		T1+GR1+P1	-24525	-3396	-12940	27936	-193
23683		-8668 25220					
55	+	Gravity{1}	365	-13	12676	12682	110
25293		-3 25293					
		T1+GR1+P1	-33180	1961	12874	35644	-193
23683		-8668 25220					
56	-	Gravity{1}	365	-13	-12151	12157	-3
22386		10 22386					
		T1+GR1+P1	-33180	1961	-11953	35322	-93
23656		-1352 23694					
56	+	Gravity{1}	365	-13	12599	12604	-3
22386		10 22386					
		T1+GR1+P1	-40957	1821	13386	43128	-93
23656		-1352 23694					
57	-	Gravity{1}	365	-13	-12783	12789	34
23354		20 23354					
		T1+GR1+P1	-40957	1821	-11996	42717	-95
22492		1585 22548					
57	+	Gravity{1}	552	-22	12506	12518	34
23354		20 23354					
		T1+GR1+P1	-48294	1711	12708	49968	-95
22492		1585 22548					

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S

Point Load		FORCES (N)				
MOMENTS (N.m)						
name combination		X	Y	Z	Result	X
Y Z Result						
58 - Gravity{1}		552	-22	-12024	12036	-66
20723 6 20723						
T1+GR1+P1		-48294	1711	-11822	49750	-139
21594 259 21596						
58 + Gravity{1}		552	-22	11783	11796	-66
20723 6 20723						
T1+GR1+P1		-56141	2229	13804	57856	-139
21594 259 21596						
59 - Gravity{1}		552	-22	-11593	11606	-114
19569 10 19569						
T1+GR1+P1		-56141	2229	-9572	56995	-295
18496 -607 18509						
59 + Gravity{1}		-864	36	10921	10955	1501
17343 -11 17408						
T1+GR1+P1		-56618	2369	11041	57733	1219
17577 -371 17624						
60 - Gravity{1}		-864	36	-11744	11776	1670
21436 -9 21501						
T1+GR1+P1		-56618	2369	-11624	57847	1362
21041 -23 21085						
60 + Gravity{1}		-864	36	12490	12520	1670
21436 -9 21501						
T1+GR1+P1		-49051	2191	13018	50796	1362
21041 -23 21085						
61 - Gravity{1}		-864	36	-12815	12844	1750
23363 -10 23428						
T1+GR1+P1		-49051	2191	-12286	50613	1522
24347 1669 24451						
61 + Gravity{1}		-560	23	12510	12522	1750
23363 -10 23428						
T1+GR1+P1		-40946	1414	13254	43061	1522
24347 1669 24451						

62	-	Gravity{1}	-560	23	-12266	12278	1698	
22113		-10 22178						
		T1+GR1+P1	-40946	1414	-11521	42559	1316	
20281		-1436 20374						
62	+	Gravity{1}	-560	23	12375	12387	1698	
22113		-10 22178						
		T1+GR1+P1	-33636	720	12366	35845	1316	
20281		-1436 20374						
63	-	Gravity{1}	-560	23	-12525	12538	1733	
23001		3 23066						
		T1+GR1+P1	-33636	720	-12534	35903	1438	
25233		-8061 26528						
63	+	Gravity{1}	-8	1	12606	12606	1733	
23001		3 23066						
		T1+GR1+P1	-23604	5169	13340	27601	1438	
25233		-8061 26528						
64	-	Gravity{1}	-8	1	-12299	12299	1667	
21329		15 21394						
		T1+GR1+P1	-23604	5169	-11565	26788	2297	
21226		38104 43678						
64	+	Gravity{1}	-8	1	12736	12736	1667	
21329		15 21394						
		T1+GR1+P1	-16148	4959	12710	21140	2297	
21226		38104 43678						
66	N	Gravity{1}	-8	1	8720	8721	981	
2476		17 2663						
		T1+GR1+P1	-16148	4959	8694	18998	1720	
2771		45785 45901						
66	M	Gravity{1}	-8	1	6981	6981	-1365	-
2860		15 3169						
		T1+GR1+P1	-16148	4959	6955	18268	-606	-
2508		44148 44224						
66	F	Gravity{1}	-8	1	5241	5241	-5586	-
4525		11 7189						
		T1+GR1+P1	-16148	4959	5215	17679	-4864	-
4345		34202 34818						

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S

Point Load			FORCES (N)				
MOMENTS (N.m)							
name	combination		X	Y	Z	Result	X
Y	Z	Result					
68 N Gravity{1}			-8	1	-5169	5169	-5750
4520 -24 7314							
T1+GR1+P1			-16148	4959	-5195	17673	-5391
5915 -40169 40958							
68 M Gravity{1}			-8	1	-6909	6909	-1580
2875 -29 3281							
T1+GR1+P1			-16148	4959	-6935	18260	-1258
4443 -50114 50327							
68 F Gravity{1}			-8	1	-8648	8648	746
2411 -30 2524							
T1+GR1+P1			-16148	4959	-8674	18989	1088
900 -51756 51776							
69 - Gravity{1}			-8	1	-14654	14654	1861
33032 -27 33085							
T1+GR1+P1			-16148	4959	-14680	22380	2367
32114 -40270 51561							
69 + Gravity{1}			-8	1	14452	14452	1861
33032 -27 33085							
T1+GR1+P1			-16967	-3971	14625	22749	2367
32114 -40270 51561							
71 N Gravity{1}			-8	1	8447	8447	765
2946 -24 3044							
T1+GR1+P1			-16967	-3971	8620	19441	1126
2126 -52330 52385							
71 M Gravity{1}			-8	1	6707	6707	2646
2356 -21 3543							
T1+GR1+P1			-16967	-3971	6880	18735	2993
3049 -50703 50882							
71 F Gravity{1}			-8	1	4968	4968	6551
4237 -16 7801							
T1+GR1+P1			-16967	-3971	5140	18168	6942
4675 -40477 41333							

73	N	Gravity{1}	-8	1	-5433	5433	5492	-
4198		19 6912						
		T1+GR1+P1	-16967	-3971	-5261	18202	6281	-
3014		36083 36749						
73	M	Gravity{1}	-8	1	-7169	7169	1281	-
2182		24 2530						
		T1+GR1+P1	-16967	-3971	-6997	18778	2115	
-745		46295 46350						
73	F	Gravity{1}	-8	1	-8905	8905	-729	
3421		27 3498						
		T1+GR1+P1	-16967	-3971	-8732	19491	92	
4983		47953 48211						
74	-	Gravity{1}	-8	1	-11631	11631	-325	
15670		28 15673						
		T1+GR1+P1	-16967	-3971	-11458	20855	431	
17276		42546 45922						
74	+	Gravity{1}	-8	1	11298	11298	-325	
15670		28 15673						
		T1+GR1+P1	-24188	-3658	12047	27269	431	
17276		42546 45922						
75	-	Gravity{1}	-8	1	-13554	13554	188	
27933		40 27934						
		T1+GR1+P1	-24188	-3658	-12805	27612	-91	
25992		-8218 27260						
75	+	Gravity{1}	396	-18	14108	14113	188	
27933		40 27934						
		T1+GR1+P1	-33231	1977	14298	36231	-91	
25992		-8218 27260						
76	-	Gravity{1}	396	-18	-14071	14077	175	
27637		21 27638						
		T1+GR1+P1	-33231	1977	-13881	36068	158	
29409		-970 29425						
76	+	Gravity{1}	396	-18	13418	13423	175	
27637		21 27638						
		T1+GR1+P1	-41713	1856	13805	43977	158	
29409		-970 29425						

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S

Point		Load		FORCES (N)			
MOMENTS		(N.m)					
name		combination		X	Y	Z	Result
Y		Z	Result				X

77	-	Gravity{1}		396	-18	-13198	13204
26348		-5	26348				
		T1+GR1+P1		-41713	1856	-12811	43675
24870		1186	24898				-18
77	+	Gravity{1}		1195	-49	13620	13672
26348		-5	26348				
		T1+GR1+P1		-49242	1836	14923	51487
24870		1186	24898				-18
78	-	Gravity{1}		1195	-49	-13959	14011
27965		-17	27966				
		T1+GR1+P1		-49242	1836	-12656	50876
28925		-471	28929				95
78	+	Gravity{1}		1195	-49	13741	13793
27965		-17	27966				
		T1+GR1+P1		-57591	2759	14755	59515
28925		-471	28929				95
80	N	Gravity{1}		1195	-49	-7881	7972
81		-27	934				
		T1+GR1+P1		-57591	2759	-6868	58065
-348		3791	3940				-1016
80	M	Gravity{1}		1195	-49	-8039	8127
623		-20	1063				
		T1+GR1+P1		-57591	2759	-7025	58084
193		3481	3614				-953
80	F	Gravity{1}		1195	-49	-8196	8283
1171		-7	1391				
		T1+GR1+P1		-57591	2759	-7183	58103
745		2889	3103				-853
81	-	Gravity{1}		1195	-49	-13605	13657
26506		392	26798				
		T1+GR1+P1		-57591	2759	-12591	59016
26209		-15416	30609				3509

81	+	Gravity{1}	-968	173	13654	13690	5681
26552		27 27153					
		T1+GR1+P1	-60353	11029	14877	63131	5706
27321		444 27914					
82	-	Gravity{1}	-968	173	-13770	13805	5845
27444		-32 28060					
		T1+GR1+P1	-60353	11029	-12548	62622	5547
26572		-691 27154					
82	+	Gravity{1}	-968	173	13938	13973	5845
27444		-32 28060					
		T1+GR1+P1	-52327	9508	14095	55019	5547
26572		-691 27154					
83	-	Gravity{1}	-968	173	-13827	13862	5740
26852		-14 27459					
		T1+GR1+P1	-52327	9508	-13670	54912	5854
28204		1884 28866					
83	+	Gravity{1}	-510	93	13600	13610	5740
26852		-14 27459					
		T1+GR1+P1	-43432	7630	14606	46453	5854
28204		1884 28866					
84	-	Gravity{1}	-510	93	-13344	13354	5489
25468		-10 26053					
		T1+GR1+P1	-43432	7630	-12339	45791	4995
23729		-929 24267					
84	+	Gravity{1}	-510	93	13372	13382	5489
25468		-10 26053					
		T1+GR1+P1	-35722	5785	13501	38624	4995
23729		-929 24267					
85	-	Gravity{1}	-510	93	-14069	14078	6255
29660		-14 30312					
		T1+GR1+P1	-35722	5785	-13940	38779	6336
31683		-9692 33732					
85	+	Gravity{1}	2	0	14763	14763	6255
29660		-14 30312					
		T1+GR1+P1	-24082	8746	15478	29934	6336
31683		-9692 33732					

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S

Point	Load	FORCES (N)				
MOMENTS (N.m)						
name	combination	X	Y	Z	Result	X
Y	Z	Result				
86 - Gravity{1}		2	0	-13073	13073	4405
19532 -7 20022						
T1+GR1+P1		-24082	8746	-12358	28446	4844
18276 42424 46446						
86 + Gravity{1}		2	0	12267	12267	4405
19532 -7 20022						
T1+GR1+P1		-16578	7500	12410	22025	4844
18276 42424 46446						
88 N Gravity{1}		2	0	8733	8733	1541
3538 -6 3859						
T1+GR1+P1		-16578	7500	8876	20245	2170
2570 49326 49441						
88 M Gravity{1}		2	0	6993	6993	-1535 -
1424 -5 2093						
T1+GR1+P1		-16578	7500	7136	19545	-856 -
2244 47379 47439						
88 F Gravity{1}		2	0	5253	5253	-5959 -
2480 -4 6455						
T1+GR1+P1		-16578	7500	5396	18979	-5329 -
3201 36542 37067						
90 N Gravity{1}		2	0	-4990	4990	-6539 -
2376 4 6957						
T1+GR1+P1		-16578	7500	-4847	18831	-6453 -
2794 -42588 43164						
90 M Gravity{1}		2	0	-6729	6729	-2308 -
1365 6 2682						
T1+GR1+P1		-16578	7500	-6586	19351	-2281 -
1705 -53421 53497						
90 F Gravity{1}		2	0	-8470	8470	668
3432 6 3497						
T1+GR1+P1		-16578	7500	-8327	20011	721
3186 -55382 55478						

91	-	Gravity{1}	2	0	-14475	14475	5986	
33123		8 33660						
		T1+GR1+P1	-16578	7500	-14332	23162	6270	
33165		-43656 55182						
91	+	Gravity{1}	2	0	14456	14456	5986	
33123		8 33660						
		T1+GR1+P1	-18006	-1227	14557	23187	6270	
33165		-43656 55182						
93	N	Gravity{1}	2	0	8450	8450	676	
3478		9 3544						
		T1+GR1+P1	-18006	-1227	8551	19971	864	
3972		-55180 55330						
93	M	Gravity{1}	2	0	6711	6711	1796	-
2036		9 2715						
		T1+GR1+P1	-18006	-1227	6812	19291	1989	-
1458		-53212 53269						
93	F	Gravity{1}	2	0	4971	4971	5399	-
4448		8 6996						
		T1+GR1+P1	-18006	-1227	5072	18747	5656	-
3898		-42452 43004						
95	N	Gravity{1}	2	0	-5271	5271	4738	-
4330		0 6418						
		T1+GR1+P1	-18006	-1227	-5170	18774	5470	-
4289		36073 36736						
95	M	Gravity{1}	2	0	-7011	7011	946	-
1798		-1 2032						
		T1+GR1+P1	-18006	-1227	-6909	19325	1739	-
1773		46835 46901						
95	F	Gravity{1}	2	0	-8750	8750	-221	
3934		-1 3940						
		T1+GR1+P1	-18006	-1227	-8649	20013	575	
4076		48803 48976						
96	-	Gravity{1}	2	0	-11675	11675	2084	
16807		0 16935						
		T1+GR1+P1	-18006	-1227	-11573	21440	2830	
17227		43192 46587						

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S

Point		Load		FORCES (N)			
MOMENTS (N.m)							
name	combination			X	Y	Z	Result
Y	Z	Result					X

96	+	Gravity{1}		2	0	12228	12228
16807		0	16935				
		T1+GR1+P1		-25384	26	12781	28420
17227		43192	46587				2830
97	-	Gravity{1}		2	0	-14414	14414
29362		6	29679				4330
		T1+GR1+P1		-25384	26	-13861	28921
28499		-8652	30043				3943
97	+	Gravity{1}		186	-33	14150	14151
29362		6	29679				4330
		T1+GR1+P1		-34086	6764	14224	37549
28499		-8652	30043				3943
98	-	Gravity{1}		186	-33	-13680	13682
26529		11	26803				3823
		T1+GR1+P1		-34086	6764	-13606	37319
27509		-661	27781				3819
98	+	Gravity{1}		186	-33	13410	13411
26529		11	26803				3823
		T1+GR1+P1		-42609	7843	14445	45670
27509		-661	27781				3819
99	-	Gravity{1}		186	-33	-13592	13593
27543		20	27832				4007
		T1+GR1+P1		-42609	7843	-12556	45108
26740		1064	27018				3716
99	+	Gravity{1}		498	-92	14009	14018
27543		20	27832				4007
		T1+GR1+P1		-50392	8964	14486	53194
26740		1064	27018				3716
100	-	Gravity{1}		498	-92	-13743	13752
25880		-3	26144				3706
		T1+GR1+P1		-50392	8964	-13266	52874
26492		-556	26749				3652

100	+	Gravity{1}	498	-92	12989	12999	3706
25880		-3 26144					
		T1+GR1+P1	-58577	11122	14362	61329	3652
26492		-556 26749					
101		Gravity{1}	498	-92	-7201	7219	-857
611		-19 1053					
		T1+GR1+P1	-58577	11122	-5828	59908	-952
427		4172 4300					
102 N		Gravity{1}	498	-92	-7433	7450	-726
1339		-19 1523					
		T1+GR1+P1	-58577	11122	-6060	59931	-821
1144		4222 4451					
102 M		Gravity{1}	498	-92	-7463	7480	-705
1437		-19 1601					
		T1+GR1+P1	-58577	11122	-6090	59934	-801
1241		4208 4459					
102 F		Gravity{1}	498	-92	-7493	7511	-674
1531		-18 1673					
		T1+GR1+P1	-58577	11122	-6121	59937	-773
1331		4103 4382					
A01		Gravity{1}	498	-92	-7724	7741	-365
2234		-6 2263					
		T1+GR1+P1	-58577	11122	-6351	59961	-505
1986		2754 3433					
103 -		Gravity{1}	498	-92	-12063	12073	7189
19429		214 20718					
		T1+GR1+P1	-58577	11122	-10690	60575	6311
18432		-22640 29869					
103 +		Gravity{1}	-1113	489	12274	12334	9599
19723		-18 21935					
		T1+GR1+P1	-55328	24319	13284	61880	9720
20458		-316 22652					
104 -		Gravity{1}	-1113	489	-12784	12842	10803
22465		-14 24927					
		T1+GR1+P1	-55328	24319	-11774	61573	10273
21710		-100 24018					

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S

Point Load			FORCES (N)				
MOMENTS (N.m)							
name	combination		X	Y	Z	Result	X
Y	Z	Result					
104 + Gravity{1}			-1113	489	13330	13385	10803
22465 -14 24927							
T1+GR1+P1			-48021	21268	14034	54363	10273
21710 -100 24018							
105 - Gravity{1}			-1113	489	-13813	13867	12061
25330 -9 28055							
T1+GR1+P1			-48021	21268	-13109	54131	12530
26763 1855 29609							
105 + Gravity{1}			-568	248	13905	13919	12061
25330 -9 28055							
T1+GR1+P1			-39711	17131	15124	45817	12530
26763 1855 29609							
106 - Gravity{1}			-568	248	-13686	13700	11593
24264 -24 26891							
T1+GR1+P1			-39711	17131	-12467	45010	10530
22391 -1550 24791							
106 + Gravity{1}			-568	248	13439	13453	11593
24264 -24 26891							
T1+GR1+P1			-32632	13465	13520	37801	10530
22391 -1550 24791							
107 - Gravity{1}			-568	248	-13808	13822	12508
26374 -7 29190							
T1+GR1+P1			-32632	13465	-13727	37875	13174
28741 -9178 32922							
107 + Gravity{1}			1	0	14492	14492	12508
26374 -7 29190							
T1+GR1+P1			-20616	13698	15343	29121	13174
28741 -9178 32922							
108 - Gravity{1}			1	0	-12587	12587	8011
16012 -5 17904							
T1+GR1+P1			-20616	13698	-11736	27393	8223
14486 42483 45632							

108	+	Gravity{1}	1	0	11907	11907	8011	
16012		-5 17904						
		T1+GR1+P1	-13855	10909	12055	21361	8223	
14486		42483 45632						
110	N	Gravity{1}	1	0	8820	8820	2351	
3204		-4 3974						
		T1+GR1+P1	-13855	10909	8969	19784	2842	
1953		48397 48520						
110	M	Gravity{1}	1	0	7091	7091	-1830	
-920		-4 2049						
		T1+GR1+P1	-13855	10909	7240	19062	-1233	-
2011		46586 46646						
110	F	Gravity{1}	1	0	5362	5362	-6427	
-928		-3 6494						
		T1+GR1+P1	-13855	10909	5510	18475	-5856	-
1911		36227 36747						
112	N	Gravity{1}	1	0	-5104	5104	-6970	
-694		3 7005						
		T1+GR1+P1	-13855	10909	-4955	18317	-6966	-
1333		-41867 42463						
112	M	Gravity{1}	1	0	-6838	6838	-2550	
-677		4 2639						
		T1+GR1+P1	-13855	10909	-6689	18860	-2590	-
1231		-52243 52322						
112	F	Gravity{1}	1	0	-8572	8572	1494	
3344		5 3663						
		T1+GR1+P1	-13855	10909	-8423	19542	1516	
2893		-54015 54114						
113	-	Gravity{1}	1	0	-14588	14588	13694	
31301		6 34165						
		T1+GR1+P1	-13855	10909	-14439	22791	14090	
31165		-42275 54378						
113	+	Gravity{1}	1	0	14562	14562	13694	
31301		6 34165						
		T1+GR1+P1	-17452	2759	14667	22963	14090	
31165		-42275 54378						

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S

Point Load		FORCES (N)				
MOMENTS (N.m)						
name	combination	X	Y	Z	Result	X
Y	Z	Result				
115 N	Gravity{1}	1	0	8557	8557	1473
3472	6 3772					
	T1+GR1+P1	-17452	2759	8661	19677	1892
3931	-54085 54260					
115 M	Gravity{1}	1	0	6817	6817	1267
2231	6 2566					
	T1+GR1+P1	-17452	2759	6922	18976	1717
1645	-52310 52364					
115 F	Gravity{1}	1	0	5078	5078	4260
5477	5 6939					
	T1+GR1+P1	-17452	2759	5182	18413	4772
4894	-41868 42422					
117 N	Gravity{1}	1	0	-5350	5350	3691
5227	-1 6399					
	T1+GR1+P1	-17452	2759	-5245	18431	4601
5090	36163 36808					
117 M	Gravity{1}	1	0	-7089	7089	558
1835	-2 1918					
	T1+GR1+P1	-17452	2759	-6985	18999	1530
1701	46605 46661					
117 F	Gravity{1}	1	0	-8829	8829	768
4070	-2 4142					
	T1+GR1+P1	-17452	2759	-8724	19705	1771
4331	48379 48605					
118 -	Gravity{1}	1	0	-12053	12053	6695
17567	-2 18799					
	T1+GR1+P1	-17452	2759	-11949	21329	7710
18146	42039 46433					
118 +	Gravity{1}	1	0	12881	12881	6695
17567	-2 18799					
	T1+GR1+P1	-24564	6063	13603	28726	7710
18146	42039 46433					

119	-	Gravity{1}	1	0	-14842	14842	11453
28471		1 30688					
		T1+GR1+P1	-24564	6063	-14119	28974	10418
26911		-9771 30466					
119	+	Gravity{1}	484	-210	14179	14189	11453
28471		1 30688					
		T1+GR1+P1	-31292	14460	14528	37407	10418
26911		-9771 30466					
120	-	Gravity{1}	484	-210	-13543	13553	9863
24827		11 26714					
		T1+GR1+P1	-31292	14460	-13194	36910	10362
26379		-826 28353					
120	+	Gravity{1}	484	-210	13512	13522	9863
24827		11 26714					
		T1+GR1+P1	-39257	17394	14512	45324	10362
26379		-826 28353					
121	-	Gravity{1}	484	-210	-13725	13735	10328
25888		28 27872					
		T1+GR1+P1	-39257	17394	-12725	44783	9741
24859		1455 26739					
121	+	Gravity{1}	904	-398	13900	13935	10328
25888		28 27872					
		T1+GR1+P1	-46539	20214	14590	52795	9741
24859		1455 26739					
122	-	Gravity{1}	904	-398	-13536	13572	9371
23702		5 25487					
		T1+GR1+P1	-46539	20214	-12846	52340	9583
24572		-304 26376					
122	+	Gravity{1}	904	-398	12868	12906	9371
23702		5 25487					
		T1+GR1+P1	-54143	23978	14847	61048	9583
24572		-304 26376					
124 N		Gravity{1}	904	-398	-8067	8127	438
3297		-14 3326					
		T1+GR1+P1	-54143	23978	-6088	59527	180
2913		2029 3555					

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S

Point Load		FORCES (N)				
MOMENTS	(N.m)					
name	combination	X	Y	Z	Result	X
Y	Z Result					

124 M	Gravity{1}	904	-398	-8221	8280	699
3778	-8 3842					
	T1+GR1+P1	-54143	23978	-6242	59543	419
3372	1713 3805					
124 F	Gravity{1}	904	-398	-8375	8433	998
4249	2 4365					
	T1+GR1+P1	-54143	23978	-6396	59559	683
3810	1119 4029					
125 -	Gravity{1}	904	-398	-11983	12023	9407
17912	215 20234					
	T1+GR1+P1	-54143	23978	-10004	60054	8309
16741	-11422 21904					
125 +	Gravity{1}	-755	465	14735	14761	16386
27014	1 31595					
	T1+GR1+P1	-30676	18842	15682	39268	16948
27793	414 32556					
126 -	Gravity{1}	-755	465	-14387	14414	15354
25336	7 29626					
	T1+GR1+P1	-30676	18842	-13439	38427	14781
24279	165 28425					
126 +	Gravity{1}	-755	465	14106	14134	15354
25336	7 29626					
	T1+GR1+P1	-23510	14130	14561	31055	14781
24279	165 28425					
127 -	Gravity{1}	-755	465	-13598	13627	13889
22953	13 26828					
	T1+GR1+P1	-23510	14130	-13144	30416	14803
24487	-3223 28794					
127 +	Gravity{1}	0	-1	13497	13497	13889
22953	13 26828					
	T1+GR1+P1	-15841	8561	14324	23009	14803
24487	-3223 28794					

128	-	Gravity{1}	0	-1	-13742	13742	14652	
24194		2 28285						
		T1+GR1+P1	-15841	8561	-12915	22159	13745	
23514		-15208 31194						
128	+	Gravity{1}	0	-1	14110	14110	14652	
24194		2 28285						
		T1+GR1+P1	-7831	6194	14338	17472	13745	
23514		-15208 31194						
129	-	Gravity{1}	0	-1	-13307	13307	12127	
20093		-9 23469						
		T1+GR1+P1	-7831	6194	-13079	16455	12202	
20137		-1160 23574						
129	+	Gravity{1}	0	-1	10530	10530	12127	
20093		-9 23469						
		T1+GR1+P1	-625	7386	10678	12999	12202	
20137		-1160 23574						
131 N		Gravity{1}	0	-1	1622	1622	-585	
91		-12 592						
		T1+GR1+P1	-625	7386	1770	7621	-507	
-327		21849 21857						
131 M		Gravity{1}	0	-1	-251	251	-982	
-297		-13 1026						
		T1+GR1+P1	-625	7386	-103	7413	-925	
-774		24664 24693						
131 F		Gravity{1}	0	-1	-2124	2124	-97	
-646		-13 654						
		T1+GR1+P1	-625	7386	-1975	7671	-89	-
1087		22651 22677						
132	-	Gravity{1}	0	-1	-11296	11296	20746	-
17729		-11 27289						
		T1+GR1+P1	-625	7386	-11147	13387	20498	-
17774		1905 27198						
132	+	Gravity{1}	0	-1	14491	14491	20746	-
17729		-11 27289						
		T1+GR1+P1	6901	9739	14550	18819	20498	-
17774		1905 27198						

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S

Point Load		FORCES (N)					
MOMENTS (N.m)							
name	combination	X	Y	Z	Result	X	
Y	Z Result						
133 - Gravity{1}		0	-1	-14516	14516	20869	-
17833 -7 27450							
T1+GR1+P1		6901	9739	-14457	18748	20536	-
17741 -10844 29224							
133 + Gravity{1}		0	-1	12693	12693	20869	-
17833 -7 27450							
T1+GR1+P1		13268	14769	12000	23198	20536	-
17741 -10844 29224							
134 - Gravity{1}		0	-1	-10413	10413	12084	-
10369 -4 15923							
T1+GR1+P1		13268	14769	-11106	22749	12169	-
10392 -5299 16857							
134 + Gravity{1}		0	-1	10549	10549	12084	-
10369 -4 15923							
T1+GR1+P1		17400	19677	9691	27997	12169	-
10392 -5299 16857							
135 - Gravity{1}		0	-1	-10118	10118	10598	-
9107 -1 13973							
T1+GR1+P1		17400	19677	-10976	28468	10732	-
8968 -600 13999							
135 + Gravity{1}		0	-1	9429	9429	10598	-
9107 -1 13973							
T1+GR1+P1		21013	24448	8384	33309	10732	-
8968 -600 13999							
136 - Gravity{1}		0	-1	-10178	10178	13049	-
11188 2 17189							
T1+GR1+P1		21013	24448	-11224	34135	13105	-
10916 981 17084							
136 + Gravity{1}		0	-1	11417	11417	13049	-
11188 2 17189							
T1+GR1+P1		24834	29788	10076	40070	13105	-
10916 981 17084							

137	-	Gravity{1}	0	-1	-11186	11186	12178	-
10448		6 16046						
		T1+GR1+P1	24834	29788	-12527	40755	12636	-
10673		-2596 16743						
137	+	Gravity{1}	0	-1	9567	9567	12178	-
10448		6 16046						
		T1+GR1+P1	24834	29788	9924	40032	12636	-
10673		-2596 16743						
139 N		Gravity{1}	0	-1	4623	4623	475	
-500		7 690						
		T1+GR1+P1	24834	29788	4981	39101	925	
-708		-3399 3593						
139 F		Gravity{1}	0	-1	4473	4473	216	
-349		7 411						
		T1+GR1+P1	24834	29788	4830	39082	639	
-539		-2975 3090						
140	-	Gravity{1}	0	-1	-7221	7221	5873	-
4534		8 7420						
		T1+GR1+P1	24834	29788	-6863	39385	5419	-
4131		8534 10921						
140	+	Gravity{1}	-2	9	7851	7851	5946	-
6660		-51 8928						
		T1+GR1+P1	2682	4914	7764	9572	6140	-
5979		15810 17984						
141	-	Gravity{1}	-2	9	-10679	10679	15168	-
13488		-111 20298						
		T1+GR1+P1	2682	4914	-10767	12135	15688	-
13094		9574 22566						
141	+	Gravity{1}	-2	9	9604	9604	15168	-
13488		-111 20298						
		T1+GR1+P1	-3456	3299	9801	10904	15688	-
13094		9574 22566						
143 N		Gravity{1}	-2	9	2093	2093	-259	-
2001		-135 2022						
		T1+GR1+P1	-3456	3299	2291	5299	-113	-
1063		-6023 6117						

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S

Point Load			FORCES (N)				
MOMENTS (N.m)							
name	combination		X	Y	Z	Result	X
Y	Z	Result					
143 M	Gravity{1}		-2	9	365	365	-1116
1696	-138 2035						
	T1+GR1+P1		-3456	3299	562	4811	-1057
-665	-9095 9180						
143 F	Gravity{1}		-2	9	-1363	1363	-841
1437	-136 1670						
	T1+GR1+P1		-3456	3299	-1166	4918	-838
-407	-10062 10105						
A04 -	Gravity{1}		-2	9	-1386	1386	-832
1426	-136 1657						
	T1+GR1+P1		-3456	3299	-1188	4923	-830
-397	-10056 10098						
A04 +	Gravity{1}		-2	9	-1386	1386	-832
1426	-136 1657						
	T1+GR1+P1		-3456	3299	-1188	4923	-830
-397	-10056 10098						
144 -	Gravity{1}		-2	9	-10561	10561	13931
17488	-111 22359						
	T1+GR1+P1		-3456	3299	-10363	11412	13785
18248	-8153 24279						
144 +	Gravity{1}		-2	9	11993	11993	13931
17488	-111 22359						
	T1+GR1+P1		-3456	3299	12190	13093	13785
18248	-8153 24279						
146 -	Gravity{1}		-2	9	-14168	14168	21600
27308	-41 34818						
	T1+GR1+P1		-3456	3299	-13970	14765	21034
27306	-2731 34576						
146 +	Gravity{1}		-2	9	16409	16409	21600
27308	-41 34818						
	T1+GR1+P1		-3456	3299	16606	17280	21034
27306	-2731 34576						

147	-	Gravity{1}	-2	9	-19187	19187	34941
44361		54 56469					
		T1+GR1+P1	-3456	3299	-18989	19581	33863
43388		4579 55228					
147	+	Gravity{1}	-2	9	20203	20203	34941
44361		54 56469					
		T1+GR1+P1	-3456	3299	20401	20953	33863
43388		4579 55228					
148	-	Gravity{1}	-2	9	-17763	17763	22453
28390		156 36196					
		T1+GR1+P1	-3456	3299	-17565	18203	20830
26381		12376 35819					
148	+	Gravity{1}	-2	9	13059	13059	22453
28390		156 36196					
		T1+GR1+P1	-3456	3299	13256	14091	20830
26381		12376 35819					
149		Gravity{1}	-2	9	11609	11609	17630
22222		160 28367					
		T1+GR1+P1	-3456	3299	11806	12736	15986
20174		12674 28691					
151 N		Gravity{1}	-2	9	4543	4543	2242
2546		179 3397					
		T1+GR1+P1	-3456	3299	4741	6731	485
294		14125 14137					
151 M		Gravity{1}	-2	9	2811	2811	223
922		181 965					
		T1+GR1+P1	-3456	3299	3009	5646	-855
-587		13617 13657					
151 F		Gravity{1}	-2	9	1079	1079	-773
935		180 1226					
		T1+GR1+P1	-3456	3299	1276	4945	-159
1314		11749 11823					
153 N		Gravity{1}	-2	9	-848	848	-814
974		176 1281					
		T1+GR1+P1	-3456	3299	-650	4822	1907
3714		9272 10169					

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S

Point Load			FORCES (N)				
MOMENTS (N.m)							
name	combination		X	Y	Z	Result	X
Y	Z	Result					

153 M	Gravity{1}		-2	9	-1833	1833	-457
690	173	846					
	T1+GR1+P1		-3456	3299	-1635	5050	3103
4407	7695	9395					
153 F	Gravity{1}		-2	9	-2818	2818	308
91	170	363					
	T1+GR1+P1		-3456	3299	-2621	5449	4137
4210	5718	8218					
154 -	Gravity{1}		-2	9	-5229	5229	3661 -
2516	162	4445					
	T1+GR1+P1		-3456	3299	-5032	6939	7387
1795	700	7634					
154 +	Gravity{1}		-2	9	9917	9917	3661 -
2516	162	4445					
	T1+GR1+P1		-3456	3299	10114	11186	7387
1795	700	7634					
155 -	Gravity{1}		-2	9	-14877	14877	24905 -
19064	81	31364					
	T1+GR1+P1		-3456	3299	-14679	15437	26675 -
13710	-50914	59091					
155 +	Gravity{1}		-59	-78	14884	14884	39756 -
23277	-748	46075					
	T1+GR1+P1		3254	-69	16300	16621	40781 -
28309	-8443	50357					
157 N	Gravity{1}		-59	-78	1403	1407	1684
6076	-745	6349					
	T1+GR1+P1		3254	-69	2819	4306	-3911
6147	7022	10119					
157 M	Gravity{1}		-59	-78	-309	324	1412
6381	-718	6574					
	T1+GR1+P1		3254	-69	1107	3438	-4704
7347	8263	12016					

157	F	Gravity{1}	-59	-78	-2021	2024	1126	
5574		-652 5724						
		T1+GR1+P1	3254	-69	-605	3311	-4738	
7544		7734 11798						
A06	-	Gravity{1}	-59	-78	-2075	2078	1097	
5535		-649 5680						
		T1+GR1+P1	3254	-69	-660	3321	-4747	
7532		7690 11765						
A06	+	Gravity{1}	-59	-78	-2075	2078	1097	
5535		-649 5680						
		T1+GR1+P1	3254	-69	-660	3321	-4747	
7532		7690 11765						
158		Gravity{1}	-59	-78	-4753	4754	-1538	
2523		-535 3003						
		T1+GR1+P1	3254	-69	-3337	4661	-6290	
5770		5239 10015						
159	N	Gravity{1}	-59	-78	-5175	5176	-2143	
1831		-517 2866						
		T1+GR1+P1	3254	-69	-3759	4973	-6722	
5275		4852 9826						
159	M	Gravity{1}	-59	-78	-5317	5318	-2356	
1589		-511 2887						
		T1+GR1+P1	3254	-69	-3902	5081	-6878	
5070		4723 9763						
159	F	Gravity{1}	-59	-78	-5460	5461	-2561	
1356		-505 2942						
		T1+GR1+P1	3254	-69	-4044	5191	-7029	
4820		4604 9687						
A07		Gravity{1}	-59	-78	-5882	5883	-3171	
666		-489 3277						
		T1+GR1+P1	3254	-69	-4466	5527	-7488	
4009		4266 9505						
160	-	Gravity{1}	-59	-78	-14205	14205	-24351	-
23457		-176 33812						
		T1+GR1+P1	3254	-69	-12789	13196	-25686	-
22508		-2385 34236						

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S

Point Load			FORCES (N)				
MOMENTS (N.m)							
name	combination		X	Y	Z	Result	X
Y	Z	Result					
160 + Gravity{1}			-59	-78	13239	13240	-24351 -
23457 -176 33812							
T1+GR1+P1			3254	-69	14655	15012	-25686 -
22508 -2385 34236							
162 N Gravity{1}			-59	-78	1607	1610	-2708
1636 261 3175							
T1+GR1+P1			3254	-69	3023	4442	143
-776 -11724 11751							
162 M Gravity{1}			-59	-78	-114	150	-2523
2097 321 3296							
T1+GR1+P1			3254	-69	1302	3506	588
-527 -12271 12296							
162 F Gravity{1}			-59	-78	-1835	1837	-2129
1521 349 2640							
T1+GR1+P1			3254	-69	-419	3282	493
-721 -11103 11137							
A08 - Gravity{1}			-59	-78	-1872	1874	-2107
1501 349 2611							
T1+GR1+P1			3254	-69	-456	3287	499
-727 -11062 11098							
A08 + Gravity{1}			-59	-78	-1872	1874	-2107
1501 349 2611							
T1+GR1+P1			3254	-69	-456	3287	499
-727 -11062 11098							
163 - Gravity{1}			-59	-78	-8555	8555	9863 -
7960 354 12679							
T1+GR1+P1			3254	-69	-7139	7846	9217 -
7619 -3465 12450							
163 + Gravity{1}			-59	-78	8576	8576	9863 -
7960 354 12679							
T1+GR1+P1			3177	1494	8420	9123	9217 -
7619 -3465 12450							

164	-	Gravity{1}	-59	-78	-6937	6937	5479	-
4534		362 7121						
		T1+GR1+P1	3177	1494	-7092	7914	5609	-
4725		7287 10339						
164	+	Gravity{1}	-59	-78	7068	7069	5479	-
4534		362 7121						
		T1+GR1+P1	3110	2922	7104	8287	5609	-
4725		7287 10339						
165	-	Gravity{1}	-59	-78	-8096	8096	8169	-
6636		370 10531						
		T1+GR1+P1	3110	2922	-8060	9120	8004	-
6567		11611 15557						
165	+	Gravity{1}	-59	-78	8963	8964	8169	-
6636		370 10531						
		T1+GR1+P1	1410	2890	8851	9417	8004	-
6567		11611 15557						
166	-	Gravity{1}	-59	-78	-6679	6680	2008	-
1822		379 2738						
		T1+GR1+P1	1410	2890	-6792	7515	2341	-
2173		7028 7719						
166	+	Gravity{1}	-59	-78	2398	2400	2008	-
1822		379 2738						
		T1+GR1+P1	473	2641	2802	3879	2341	-
2173		7028 7719						
167	-	Gravity{1}	-59	-78	-10840	10840	21291	-
16892		385 27180						
		T1+GR1+P1	473	2641	-10437	10776	19696	-
15786		-240 25243						
167	+	Gravity{1}	-59	-78	12081	12082	21291	-
16892		385 27180						
		T1+GR1+P1	-1611	2319	10554	10925	19696	-
15786		-240 25243						
168		Gravity{1}	-59	-78	5762	5763	1839	-
1687		389 2525						
		T1+GR1+P1	-1611	2319	4235	5090	3574	-
3184		-7704 9070						

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S

Point Load			FORCES (N)				
MOMENTS (N.m)							
name	combination		X	Y	Z	Result	X
Y	Z	Result					
169 N	Gravity{1}		-59	-78	5719	5720	1753
1621	389 2419						
	T1+GR1+P1		-1611	2319	4192	5054	3511
3136	-7754 9071						
169 M	Gravity{1}		-59	-78	4036	4037	-1496
-478	366 1613						
	T1+GR1+P1		-1611	2319	2508	3777	976
2533	-9350 9736						
169 F	Gravity{1}		-59	-78	2352	2354	-3369
1329	310 3635						
	T1+GR1+P1		-1611	2319	825	2942	-764
3443	-9635 10260						
A09	Gravity{1}		-59	-78	2309	2311	-3393
1360	308 3669						
	T1+GR1+P1		-1611	2319	781	2930	-793
3468	-9622 10258						
170 -	Gravity{1}		-59	-78	-11153	11153	11341
16197	-200 19774						
	T1+GR1+P1		-1611	2319	-12680	12991	12211
15845	-5616 20778						
170 +	Gravity{1}		-59	-78	10613	10614	11341
16197	-200 19774						
	T1+GR1+P1		-1611	2319	9086	9514	12211
15845	-5616 20778						
172 N	Gravity{1}		-59	-78	-2990	2992	-1079
592	-713 1422						
	T1+GR1+P1		-1611	2319	-4518	5327	-1957
2014	-1569 3217						
172 M	Gravity{1}		-59	-78	-3130	3132	-966
725	-719 1406						
	T1+GR1+P1		-1611	2319	-4658	5447	-1843
2181	-1525 3237						

172 F	Gravity{1}	-59	-78	-3270	3272	-843
875	-724 1414					
	T1+GR1+P1	-1611	2319	-4797	5567	-1678
2390	-1478 3273					
173 -	Gravity{1}	-59	-78	-9978	9978	11505
15912	-1012 19662					
	T1+GR1+P1	-1611	2319	-11505	11846	13517
20895	783 24898					
173 +	Gravity{1}	-170	393	12762	12769	11505
15912	-1012 19662					
	T1+GR1+P1	-6704	5571	13170	15793	13517
20895	783 24898					
174 -	Gravity{1}	-170	393	-12879	12886	11848
16388	1188 20258					
	T1+GR1+P1	-6704	5571	-12470	15214	9965
16583	1360 19395					
174 +	Gravity{1}	-170	393	10112	10121	11848
16388	1188 20258					
	T1+GR1+P1	-72	7001	9557	11847	9965
16583	1360 19395					
176 N	Gravity{1}	-170	393	5137	5154	1285
3545	1615 4102					
	T1+GR1+P1	-72	7001	4581	8367	-253
4681	13045 13862					
176 M	Gravity{1}	-170	393	3408	3435	-1461
1976	1641 2955					
	T1+GR1+P1	-72	7001	2852	7560	-2806
3308	15441 16039					
176 F-	Gravity{1}	-170	393	1678	1732	-3293
2426	1439 4335					
	T1+GR1+P1	-71	7001	1123	7091	-4384
3644	13922 15044					
176 F+	Gravity{1}	-170	393	1678	1732	-3293
2425	1439 4335					
	T1+GR1+P1	-72	7001	1123	7091	-4385
3643	13922 15044					

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S

Point Load			FORCES (N)				
MOMENTS (N.m)							
name	combination		X	Y	Z	Result	X
Y	Z	Result					

A11	Gravity{1}		-170	393	1658	1712	-3305
2435	1435 4348						
	T1+GR1+P1		-72	7001	1102	7088	-4394
3650	13882 15011						
177 -	Gravity{1}		-170	393	-9891	9901	13034 -
10433	-469 16702						
	T1+GR1+P1		-72	7001	-10447	12576	13498 -
10942	-8257 19238						
177 +	Gravity{1}		-170	393	11384	11392	13034 -
10433	-469 16702						
	T1+GR1+P1		6259	8930	11026	15508	13498 -
10942	-8257 19238						
178 -	Gravity{1}		-170	393	-12636	12643	18060 -
14558	-4428 23616						
	T1+GR1+P1		6259	8930	-12994	16964	18240 -
14947	-14443 27653						
178 +	Gravity{1}		0	0	9121	9121	9223 -
7879	-11 12130						
	T1+GR1+P1		7112	9880	9093	15195	8958 -
8102	30439 32748						
179 -	Gravity{1}		0	0	-8469	8469	7246 -
6328	-7 9621						
	T1+GR1+P1		7112	9880	-8497	14846	7151 -
6684	26558 28304						
179 +	Gravity{1}		0	0	7682	7682	7246 -
6328	-7 9621						
	T1+GR1+P1		2082	10433	7783	13182	7151 -
6684	26558 28304						
180 -	Gravity{1}		0	0	-6866	6866	5204 -
4723	-3 7027						
	T1+GR1+P1		2082	10433	-6765	12608	5333 -
4827	-4087 8273						

180	+	Gravity{1}	0	0	5943	5943	5204	-
4723		-3 7027						
		T1+GR1+P1	-1836	11665	6336	13401	5333	-
4827		-4087 8273						
181		Gravity{1}	0	0	339	339	-868	
21		-1 868						
		T1+GR1+P1	-1836	11665	732	11831	-766	
626		-25255 25275						
182 N		Gravity{1}	0	0	-51	51	-887	
37		-1 888						
		T1+GR1+P1	-1836	11665	342	11813	-787	
691		-26729 26749						
182 M		Gravity{1}	0	0	-1175	1175	-597	
-32		-1 598						
		T1+GR1+P1	-1836	11665	-782	11834	-517	
709		-29418 29431						
182 F		Gravity{1}	0	0	-2300	2300	190	
263		-1 324						
		T1+GR1+P1	-1836	11665	-1907	11961	227	
966		-28469 28486						
A12		Gravity{1}	0	0	-2690	2690	529	
521		0 742						
		T1+GR1+P1	-1836	11665	-2296	12030	548	
1189		-27509 27541						
183 -		Gravity{1}	0	0	-10796	10796	19557	
15039		0 24671						
		T1+GR1+P1	-1836	11665	-10403	15737	19220	
14979		-7575 25518						
183 +		Gravity{1}	0	0	13988	13988	19557	
15039		0 24671						
		T1+GR1+P1	-9037	14137	14388	22103	19220	
14979		-7575 25518						
184 -		Gravity{1}	0	0	-15297	15297	26229	
20131		1 33064						
		T1+GR1+P1	-9037	14137	-14897	22437	26898	
20208		10265 35174						

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Point Load			FORCES (N)				
MOMENTS (N.m)							
name	combination		X	Y	Z	Result	X
Y	Z	Result					
184 + Gravity{1}			0	0	14824	14824	26229
20131	1 33064						
	T1+GR1+P1		-16260	20097	15730	30261	26898
20208	10265 35174						
185 - Gravity{1}			0	0	-14626	14626	25216
19355	3 31788						
	T1+GR1+P1		-16260	20097	-13720	29267	24648
18831	1396 31049						
185 + Gravity{1}			626	-821	14856	14892	25216
19355	3 31788						
	T1+GR1+P1		-20620	26791	15987	37397	24648
18831	1396 31049						
186 - Gravity{1}			626	-821	-15184	15219	26554
20375	4 33471						
	T1+GR1+P1		-20620	26791	-14053	36612	26859
20608	-690 33861						
186 + Gravity{1}			-219	286	14995	14999	25318
20546	8 32606						
	T1+GR1+P1		-13131	17345	15035	26444	25060
20151	-280 32158						
187 - Gravity{1}			-219	286	-12650	12656	14054
11961	2 18454						
	T1+GR1+P1		-13131	17345	-12610	25145	14601
12173	579 19019						
187 + Gravity{1}			-7	8	10130	10130	14054
11961	2 18454						
	T1+GR1+P1		-9234	10810	10429	17632	14601
12173	579 19019						
188 - Gravity{1}			-7	8	-16602	16602	44184
34925	-4 56321						
	T1+GR1+P1		-9234	10810	-16303	21631	43888
34673	-8690 56603						

188	+	Gravity{1}	-7	8	20145	20145	44184	
34925		-4 56321						
		T1+GR1+P1	-1744	2630	20078	20324	43888	
34673		-8690 56603						
190	N	Gravity{1}	-7	8	8659	8659	-13423	-
8984		-6 16153						
		T1+GR1+P1	-1744	2630	8592	9153	-13247	-
8896		-7648 17695						
190	M	Gravity{1}	-7	8	6920	6920	-16403	-
13939		-4 21526						
		T1+GR1+P1	-1744	2630	6853	7545	-16176	-
13790		-6612 22261						
190	F	Gravity{1}	-7	8	5180	5180	-15336	-
18304		3 23880						
		T1+GR1+P1	-1744	2630	5113	6008	-15118	-
18104		-4392 23991						
192	N	Gravity{1}	-7	8	-6545	6545	-17460	-
15518		56 23359						
		T1+GR1+P1	-1744	2630	-6612	7327	-17503	-
15075		11779 25930						
192	M	Gravity{1}	-7	8	-8285	8285	-18784	-
10172		63 21362						
		T1+GR1+P1	-1744	2630	-8353	8929	-18834	-
9678		13998 25383						
192	F	Gravity{1}	-7	8	-10025	10025	-15290	-
4341		66 15894						
		T1+GR1+P1	-1744	2630	-10093	10575	-15287	-
3785		15034 21772						
193	-	Gravity{1}	-7	8	-13293	13293	-2017	
5770		65 6113						
		T1+GR1+P1	-1744	2630	-13361	13729	-1875	
6426		15329 16727						
193	+	Gravity{1}	-7	8	5522	5522	-2017	
5770		65 6113						
		T1+GR1+P1	4012	1564	5566	7037	-1875	
6426		15329 16727						

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Point Load		FORCES (N)				
MOMENTS (N.m)						
name	combination	X	Y	Z	Result	X
Y	Z Result					
195 N	Gravity{1}	-7	8	2247	2247	-6449
2395	64 6880					
	T1+GR1+P1	4012	1564	2291	4878	-6319
2917	21265 22375					
195 M	Gravity{1}	-7	8	511	511	-7415
2051	61 7694					
	T1+GR1+P1	4012	1564	554	4342	-7302
2528	24436 25629					
195 F	Gravity{1}	-7	8	-1225	1225	-7229
1845	54 7461					
	T1+GR1+P1	4012	1564	-1181	4465	-7144
2340	26428 27476					
196 -	Gravity{1}	-7	8	-16367	16367	28243 -
44451	-14 52664					
	T1+GR1+P1	4012	1564	-16323	16882	28073 -
43522	34377 62161					
196 +	Gravity{1}	-7	8	16501	16501	28243 -
44451	-14 52664					
	T1+GR1+P1	-507	10484	16419	19487	28073 -
43522	34377 62161					
198 N	Gravity{1}	-7	8	-2581	2581	-6801
1966	-100 7080					
	T1+GR1+P1	-507	10484	-2663	10829	-7240
2315	-38092 38843					
198 M	Gravity{1}	-7	8	-4250	4250	-4681
761	-107 4743					
	T1+GR1+P1	-507	10484	-4332	11355	-5076
1080	-42295 42612					
198 F	Gravity{1}	-7	8	-5918	5918	-1145
1576	-111 1951					
	T1+GR1+P1	-507	10484	-6000	12090	-1390
1911	-41121 41189					

A13	-	Gravity{1}	-7	8	-6057	6057	-843
1775		-111 1968					
		T1+GR1+P1	-507	10484	-6139	12159	-1072
2114		-40797 40866					
A13	+	Gravity{1}	-7	8	-6057	6057	-843
1775		-111 1968					
		T1+GR1+P1	-507	10484	-6139	12159	-1072
2114		-40797 40866					
199	-	Gravity{1}	-7	8	-19851	19851	67429
40000		-122 78400					
		T1+GR1+P1	-507	10484	-19933	22528	68653
40629		-12533 80753					
199	+	Gravity{1}	-7	8	19049	19049	67429
40000		-122 78400					
		T1+GR1+P1	-8460	19628	19874	29186	68653
40629		-12533 80753					
200	-	Gravity{1}	-7	8	-7893	7893	10014
7856		-145 12728					
		T1+GR1+P1	-8460	19628	-7068	22512	6480
5339		13500 15898					
200	+	Gravity{1}	237	-401	11939	11948	10014
7856		-145 12728					
		T1+GR1+P1	-14122	23449	11854	29830	6480
5339		13500 15898					
201	-	Gravity{1}	237	-401	-14712	14719	24018
15693		-23 28690					
		T1+GR1+P1	-14122	23449	-14797	31117	28029
17683		3392 33314					
201	+	Gravity{1}	237	-401	13378	13387	24018
15693		-23 28690					
		T1+GR1+P1	-18075	31613	14851	39328	28029
17683		3392 33314					
202	-	Gravity{1}	237	-401	-12580	12588	19951
13445		128 24059					
		T1+GR1+P1	-18075	31613	-11107	38072	16681
11561		-2806 20489					

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S

Point		Load		FORCES (N)			
MOMENTS (N.m)							
name	combination			X	Y	Z	Result
Y	Z	Result					
202	+	Gravity{1}		487	-890	13032	13071
13445		128 24059					
		T1+GR1+P1		-20819	38099	13408	45439
11561		-2806 20489					16681
203	-	Gravity{1}		487	-890	-13613	13650
14961		79 27182					22695
		T1+GR1+P1		-20819	38099	-13237	45389
16283		-626 30119					25331
203	+	Gravity{1}		487	-890	13639	13677
14961		79 27182					22695
		T1+GR1+P1		-25141	45590	15005	54182
16283		-626 30119					25331
204	-	Gravity{1}		487	-890	-13532	13570
14549		8 26332					21948
		T1+GR1+P1		-25141	45590	-12166	53466
13376		685 24180					20132
204	+	Gravity{1}		784	-1412	13269	13367
14549		8 26332					21948
		T1+GR1+P1		-28862	51946	14349	61133
13376		685 24180					20132
205	-	Gravity{1}		784	-1412	-13234	13332
14245		22 25708					21400
		T1+GR1+P1		-28862	51946	-12155	60656
14709		-35 26885					22505
205	+	Gravity{1}		784	-1412	13265	13363
14245		22 25708					21400
		T1+GR1+P1		-32851	59246	14986	69382
14709		-35 26885					22505
206	-	Gravity{1}		784	-1412	-13485	13581
14657		37 26556					22145
		T1+GR1+P1		-32851	59246	-11764	68758
14434		-171 26314					22002

206	+	Gravity{1}	784	-1412	13483	13579	22145
14657		37 26556					
		T1+GR1+P1	-36806	66677	15709	77764	22002
14434		-171 26314					
207		Gravity{1}	784	-1412	-10215	10341	6898
6206		50 9279					
		T1+GR1+P1	-36806	66677	-7988	76579	6876
6006		1174 9205					
208 N-		Gravity{1}	784	-1412	-10326	10451	7332
6450		49 9765					
		T1+GR1+P1	-36806	66677	-8100	76591	7313
6251		1199 9695					
208 N+		Gravity{1}	784	-1412	-10326	10451	7332
6450		49 9765					
		T1+GR1+P1	-36806	66677	-8100	76591	7313
6251		1199 9695					
208 M		Gravity{1}	784	-1412	-10332	10457	7357
6462		50 9792					
		T1+GR1+P1	-36806	66677	-8106	76591	7337
6263		1191 9720					
208 F-		Gravity{1}	783	-1411	-10338	10464	7382
6474		50 9819					
		T1+GR1+P1	-36806	66679	-8099	76592	7352
6270		1179 9734					
208 F+		Gravity{1}	784	-1412	-10338	10464	7382
6474		50 9819					
		T1+GR1+P1	-36806	66677	-8112	76592	7352
6270		1179 9734					
A14		Gravity{1}	784	-1412	-10449	10573	7847
6672		58 10300					
		T1+GR1+P1	-36806	66677	-8223	76604	7757
6448		802 10119					
209 -		Gravity{1}	784	-1412	-13107	13206	20441
12018		256 23714					
		T1+GR1+P1	-36806	66677	-10880	76935	18944
11320		-8293 23575					

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S

Point Load		FORCES (N)				
MOMENTS (N.m)						
name	combination	X	Y	Z	Result	X
Y	Z Result					
209	+ Gravity{1}	-190	444	12242	12251	20068
8649	13 21853					
	T1+GR1+P1	-13577	32382	12784	37368	20591
8850	-1760 22481					
210	- Gravity{1}	-190	444	-12538	12547	21605
9302	1 23523					
	T1+GR1+P1	-13577	32382	-11995	37105	21025
9010	-11 22875					
210	+ Gravity{1}	-190	444	12850	12859	21605
9302	1 23523					
	T1+GR1+P1	-9899	25559	13254	30445	21025
9010	-11 22875					
211	- Gravity{1}	-190	444	-12968	12977	22326
9605	-34 24304					
	T1+GR1+P1	-9899	25559	-12564	30151	23310
9779	8601 26701					
211	+ Gravity{1}	-1	6	12849	12849	22326
9605	-34 24304					
	T1+GR1+P1	-9009	15994	13335	22689	23310
9779	8601 26701					
212	- Gravity{1}	-1	6	-14221	14221	29823
12751	-18 32434					
	T1+GR1+P1	-9009	15994	-13736	22927	29007
12673	-16514 35703					
212	+ Gravity{1}	-1	6	15373	15373	29823
12751	-18 32434					
	T1+GR1+P1	-7273	7215	15507	18585	29007
12673	-16514 35703					
213 N	Gravity{1}	-1	6	15276	15276	29221
12495	-18 31780					
	T1+GR1+P1	-7273	7215	15409	18504	28405
12422	-16680 35205					

213 M	Gravity{1}	-1	6	15271	15271	29221	
12464	-18 31768						
	T1+GR1+P1	-7273	7215	15405	18500	28406	
12391	-16665 35188						
213 F-	Gravity{1}	-1	-8	15266	15266	28843	
13283	-6 31754						
	T1+GR1+P1	-7481	6985	15406	18496	28031	
13202	-16638 35169						
213 F+	Gravity{1}	-1	6	15266	15266	29220	
12432	-18 31754						
	T1+GR1+P1	-7273	7215	15400	18496	28406	
12359	-16650 35169						
A15	Gravity{1}	-1	6	15170	15170	28605	
12238	-18 31113						
	T1+GR1+P1	-7273	7215	15303	18416	27790	
12168	-16852 34704						
215 N	Gravity{1}	-1	6	10203	10203	2294	
3941	-16 4560						
	T1+GR1+P1	-7273	7215	10336	14553	1465	
4048	-27216 27555						
215 M	Gravity{1}	-1	6	8462	8462	-3069	
-451	-13 3102						
	T1+GR1+P1	-7273	7215	8596	13373	-3859	
-292	-27907 28174						
215 F	Gravity{1}	-1	6	6722	6722	-3640	-
6060	-9 7070						
	T1+GR1+P1	-7273	7215	6855	12327	-4328	-
5888	-23035 24166						
217 N	Gravity{1}	-1	6	-5310	5310	-2518	-
9605	20 9930						
	T1+GR1+P1	-7273	7215	-5177	11478	-2405	-
9509	24770 26641						
217 M	Gravity{1}	-1	6	-7051	7051	-2039	-
5040	24 5437						
	T1+GR1+P1	-7273	7215	-6917	12361	-1824	-
4931	29644 30107						

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S

Point		Load		FORCES (N)					
MOMENTS (N.m)									
name		combination		X	Y	Z	Result	X	
Y		Z	Result						
217 F		Gravity{1}		-1	6	-8790	8790	2514	-
1322		26	2841						
		T1+GR1+P1		-7273	7215	-8657	13412	2767	-
1162		28961	29116						
218 -		Gravity{1}		-1	6	-12056	12056	16726	
3174		27	17025						
		T1+GR1+P1		-7273	7215	-11923	15720	16968	
3450		22157	28120						
218 +		Gravity{1}		-1	6	13074	13074	16726	
3174		27	17025						
		T1+GR1+P1		364	7938	13059	15287	16968	
3450		22157	28120						
220 N		Gravity{1}		-1	6	9808	9808	1127	-
1761		29	2091						
		T1+GR1+P1		364	7938	9793	12612	1578	-
1488		26078	26168						
220 M		Gravity{1}		-1	6	8068	8068	-5491	-
1275		28	5637						
		T1+GR1+P1		364	7938	8053	11314	-4974	-
1006		25841	26334						
220 F		Gravity{1}		-1	6	6328	6328	-8997	
2759		24	9410						
		T1+GR1+P1		364	7938	6313	10149	-8521	
3022		21505	23328						
222 N		Gravity{1}		-1	6	-5707	5707	-9492	
4319		-5	10428						
		T1+GR1+P1		364	7938	-5721	9792	-9644	
4540		-17795	20743						
222 M		Gravity{1}		-1	6	-7446	7446	-6283	
638		-9	6315						
		T1+GR1+P1		364	7938	-7461	10900	-6476	
853		-22131	23075						

222 F	Gravity{1}	-1	6	-9186	9186	-124
192	-10 229					
	T1+GR1+P1	364	7938	-9201	12157	-251
404	-22368 22373					
223 -	Gravity{1}	-1	6	-16247	16247	37363
12053	-7 39259					
	T1+GR1+P1	364	7938	-16262	18100	37685
12259	-13891 41993					
223 +	Gravity{1}	-1	6	14746	14746	37363
12053	-7 39259					
	T1+GR1+P1	-3934	16514	15124	22736	37685
12259	-13891 41993					
224 -	Gravity{1}	-1	6	-11989	11989	22130
6721	5 23128					
	T1+GR1+P1	-3934	16514	-11611	20567	21744
6292	6501 23551					
224 +	Gravity{1}	174	-508	13196	13207	22130
6721	5 23128					
	T1+GR1+P1	-8906	22991	13676	28195	21744
6292	6501 23551					
225 -	Gravity{1}	174	-508	-14360	14370	28624
8995	-34 30004					
	T1+GR1+P1	-8906	22991	-13880	28295	28883
9014	-3266 30433					
225 +	Gravity{1}	-201	573	13480	13494	24382
10627	21 26597					
	T1+GR1+P1	-17697	50455	13556	55160	24541
10574	363 26724					
226 -	Gravity{1}	-201	573	-13718	13731	25723
11097	16 28015					
	T1+GR1+P1	-17697	50455	-13642	55181	25533
10922	-22 27771					
226 +	Gravity{1}	-201	573	13960	13973	25723
11097	16 28015					
	T1+GR1+P1	-15015	42308	14360	47134	25533
10922	-22 27771					

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S

Point Load			FORCES (N)				
MOMENTS (N.m)							
name	combination		X	Y	Z	Result	X
Y	Z	Result					

227 - Gravity{1}			-201	573	-14306	14318	27817
11834 25 30230							
T1+GR1+P1			-15015	42308	-13905	46997	28384
11941 -1449 30828							
227 + Gravity{1}			-121	340	14444	14448	27817
11834 25 30230							
T1+GR1+P1			-11747	33924	14872	38859	28384
11941 -1449 30828							
228 - Gravity{1}			-121	340	-14853	14857	30329
12718 16 32888							
T1+GR1+P1			-11747	33924	-14424	38690	29406
12279 901 31880							
228 + Gravity{1}			-121	340	15150	15154	30329
12718 16 32888							
T1+GR1+P1			-8231	25564	15219	30869	29406
12279 901 31880							
229 - Gravity{1}			-121	340	-13966	13971	23246
10241 -3 25402							
T1+GR1+P1			-8231	25564	-13897	30239	24520
10486 9423 28283							
229 + Gravity{1}			-1	2	12443	12443	23246
10241 -3 25402							
T1+GR1+P1			-7998	15773	12821	21843	24520
10486 9423 28283							
230 - Gravity{1}			-1	2	-16104	16104	44841
17792 -10 48242							
T1+GR1+P1			-7998	15773	-15726	23666	44341
17838 -19874 51762							
230 + Gravity{1}			-1	2	20525	20525	44841
17792 -10 48242							
T1+GR1+P1			-5961	4909	20529	21933	44341
17838 -19874 51762							

232 N	Gravity{1}	-1	2	13883	13883	-2391	
1283	-12 2713						
	T1+GR1+P1	-5961	4909	13887	15890	-2707	
1560	-31528 31683						
232 M	Gravity{1}	-1	2	12144	12144	-9651	-
5090	-12 10911						
	T1+GR1+P1	-5961	4909	12147	14394	-9931	-
4767	-32400 34222						
232 F	Gravity{1}	-1	2	10404	10404	-10207	-
13443	-10 16879						
	T1+GR1+P1	-5961	4909	10407	12959	-10483	-
13119	-29010 33520						
234 N	Gravity{1}	-1	2	-10736	10736	-10715	-
11991	12 16081						
	T1+GR1+P1	-5961	4909	-10732	13221	-11192	-
11959	32098 36035						
234 M	Gravity{1}	-1	2	-12478	12478	-10140	-
3381	14 10689						
	T1+GR1+P1	-5961	4909	-12474	14671	-10612	-
3346	35490 37193						
234 F	Gravity{1}	-1	2	-14220	14220	-2673	
3155	14 4135						
	T1+GR1+P1	-5961	4909	-14216	16178	-3104	
3240	34608 34897						
235 -	Gravity{1}	-1	2	-17497	17497	18823	
10619	13 21612						
	T1+GR1+P1	-5961	4909	-17493	19122	18489	
10828	28839 35928						
235 +	Gravity{1}	-1	2	11317	11317	18823	
10619	13 21612						
	T1+GR1+P1	-465	11810	11325	16370	18489	
10828	28839 35928						
237 N	Gravity{1}	-1	2	8017	8017	5651	
5977	12 8225						
	T1+GR1+P1	-465	11810	8026	14287	5556	
6192	33876 34883						

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S

Point Load			FORCES (N)				
MOMENTS (N.m)							
name	combination		X	Y	Z	Result	X
Y	Z	Result					

237 M	Gravity{1}		-1	2	6286	6286	370
6166	11	6177					
	T1+GR1+P1		-465	11810	6295	13391	394
6386	33083	33696					
237 F	Gravity{1}		-1	2	4556	4556	-2386
9073	9	9382					
	T1+GR1+P1		-465	11810	4564	12670	-2300
9300	26394	28079					
A16	Gravity{1}		-1	2	4537	4537	-2399
9107	9	9418					
	T1+GR1+P1		-465	11810	4546	12663	-2312
9335	26304	28007					
239 N	Gravity{1}		-1	2	-5473	5473	-1674
7188	-1	7380					
	T1+GR1+P1		-465	11810	-5465	13022	-1482
7456	-22850	24081					
239 M	Gravity{1}		-1	2	-7211	7211	1607
3816	-3	4140					
	T1+GR1+P1		-465	11810	-7203	13841	1836
4090	-29474	29813					
239 F	Gravity{1}		-1	2	-8949	8949	7600
3706	-4	8455					
	T1+GR1+P1		-465	11810	-8941	14820	7886
3982	-30105	31374					
240 -	Gravity{1}		-1	2	-14959	14959	37048
14779	-6	39887					
	T1+GR1+P1		-465	11810	-14950	19058	37528
15056	-20311	45250					
240 +	Gravity{1}		-1	2	15657	15657	37048
14779	-6	39887					
	T1+GR1+P1		-5139	20000	15892	26057	37528
15056	-20311	45250					

241	-	Gravity{1}	-1	2	-13950	13950	26686
10889		-13 28822					
		T1+GR1+P1	-5139	20000	-13715	24789	26115
10559		8437 29405					
241	+	Gravity{1}	137	-360	14171	14177	26686
10889		-13 28822					
		T1+GR1+P1	-11028	27314	14484	32825	26115
10559		8437 29405					
242	-	Gravity{1}	137	-360	-14027	14032	25788
10552		5 27864					
		T1+GR1+P1	-11028	27314	-13714	32492	26314
10765		-528 28436					
242	+	Gravity{1}	137	-360	13588	13593	25788
10552		5 27864					
		T1+GR1+P1	-13395	35575	14342	40629	26314
10765		-528 28436					
243	-	Gravity{1}	137	-360	-13149	13154	23311
9623		24 25219					
		T1+GR1+P1	-13395	35575	-12395	39983	22755
9442		-1125 24662					
243	+	Gravity{1}	-223	587	13449	13464	25133
8162		11 26426					
		T1+GR1+P1	-18299	49558	13460	54516	24735
8084		-818 26035					
244	-	Gravity{1}	-223	587	-13734	13748	26731
8759		-28 28129					
		T1+GR1+P1	-18299	49558	-13723	54582	27197
9000		1620 28693					
244	+	Gravity{1}	-122	331	14018	14023	26731
8759		-28 28129					
		T1+GR1+P1	-15551	41074	14552	46268	27197
9000		1620 28693					
245	-	Gravity{1}	-122	331	-13712	13717	25030
8122		-11 26315					
		T1+GR1+P1	-15551	41074	-13178	45854	24316
7942		-373 25583					

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Point Load			FORCES (N)				
MOMENTS (N.m)							
name	combination		X	Y	Z	Result	X
Y	Z	Result					
245	+	Gravity{1}	-122	331	13132	13137	25030
8122		-11 26315					
		T1+GR1+P1	-13309	33254	13352	38226	24316
7942		-373 25583					
246	-	Gravity{1}	-122	331	-14281	14285	31533
10540		-2 33248					
		T1+GR1+P1	-13309	33254	-14061	38479	32301
11025		-10972 35851					
246	+	Gravity{1}	0	1	15866	15866	31533
10540		-2 33248					
		T1+GR1+P1	-4975	24683	16266	29976	32301
11025		-10972 35851					
247	-	Gravity{1}	0	1	-13432	13432	16899
5098		1 17651					
		T1+GR1+P1	-4975	24683	-13032	28352	16557
4539		39591 43153					
247	+	Gravity{1}	0	1	11352	11352	16899
5098		1 17651					
		T1+GR1+P1	-1878	17829	11450	21272	16557
4539		39591 43153					
249 N		Gravity{1}	0	1	8250	8250	4417
465		1 4442					
		T1+GR1+P1	-1878	17829	8348	19776	4189
-115		45626 45818					
249 M		Gravity{1}	0	1	6511	6511	-1060
584		1 1210					
		T1+GR1+P1	-1878	17829	6609	19107	-1241
19		43741 43758					
249 F		Gravity{1}	0	1	4771	4771	-3972
3595		1 5357					
		T1+GR1+P1	-1878	17829	4869	18577	-4153
3088		33091 33493					

251 N	Gravity{1}	0	1	-4500	4500	-4163
4110	-3 5850					
	T1+GR1+P1	-1878	17829	-4402	18460	-4483
3977	-37420 37897					

251 M	Gravity{1}	0	1	-6240	6240	-1388
1246	-3 1866					
	T1+GR1+P1	-1878	17829	-6142	18950	-1708
1172	-48070 48114					

251 F	Gravity{1}	0	1	-7979	7979	3889
1135	-3 4051					
	T1+GR1+P1	-1878	17829	-7881	19583	3616
1076	-49955 50097					

252 -	Gravity{1}	0	1	-14572	14572	34403
12466	-3 36592					
	T1+GR1+P1	-1878	17829	-14474	23041	34370
12362	-37122 52079					

252 +	Gravity{1}	0	1	14449	14449	34403
12466	-3 36592					
	T1+GR1+P1	-10186	14699	14529	23041	34370
12362	-37122 52079					

254 N	Gravity{1}	0	1	7857	7857	4221
1258	-2 4405					
	T1+GR1+P1	-10186	14699	7937	19565	4387
1362	-49916 50127					

254 M	Gravity{1}	0	1	6117	6117	361	-
2209	-2 2238						
	T1+GR1+P1	-10186	14699	6197	18927	582	-
2078	-48032 48081						

254 F	Gravity{1}	0	1	4378	4378	132	-
6098	-1 6099						
	T1+GR1+P1	-10186	14699	4458	18430	392	-
5998	-37409 37888						

256 N	Gravity{1}	0	1	-4893	4893	-233	-
5117	2 5122						
	T1+GR1+P1	-10186	14699	-4813	18520	140	-
5321	32932 33359						

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Point	Load	FORCES (N)				
MOMENTS (N.m)						
name	combination	X	Y	Z	Result	X
Y	Z	Result				
256 M	Gravity{1}	0	1	-6633	6633	11
-845	3 845					
	T1+GR1+P1	-10186	14699	-6553	19046	423 -
1081	43555 43571					
256 F	Gravity{1}	0	1	-8372	8372	4151
2883	3 5054					
	T1+GR1+P1	-10186	14699	-8292	19712	4618
2675	45440 45753					
257 -	Gravity{1}	0	1	-11044	11044	14799
6836	4 16302					
	T1+GR1+P1	-10186	14699	-10964	20977	15348
6713	40253 43600					
257 +	Gravity{1}	0	1	13428	13428	14799
6836	4 16302					
	T1+GR1+P1	-12409	21949	13725	28708	15348
6713	40253 43600					
258 -	Gravity{1}	0	1	-16140	16140	31243
12986	7 33834					
	T1+GR1+P1	-12409	21949	-15843	29778	30607
12882	-10692 34886					
258 +	Gravity{1}	81	-215	14241	14243	31243
12986	7 33834					
	T1+GR1+P1	-11532	33224	14408	38005	30607
12882	-10692 34886					
259 -	Gravity{1}	81	-215	-12778	12780	23114
9946	9 25163					
	T1+GR1+P1	-11532	33224	-12610	37361	23632
10193	-805 25749					
259 +	Gravity{1}	81	-215	13467	13469	23114
9946	9 25163					
	T1+GR1+P1	-15037	40586	13982	45485	23632
10193	-805 25749					

260	-	Gravity{1}	81	-215	-13912	13914	25585
10876		5 27801					
		T1+GR1+P1	-15037	40586	-13397	45308	25225
10764		1899 27491					
260	+	Gravity{1}	197	-519	13675	13686	25585
10876		5 27801					
		T1+GR1+P1	-18317	47981	14239	53296	25225
10764		1899 27491					
261	-	Gravity{1}	197	-519	-13458	13470	24308
10395		18 26438					
		T1+GR1+P1	-18317	47981	-12894	52952	24464
10513		-922 26643					
261	+	Gravity{1}	-210	562	13578	13592	25568
8407		2 26915					
		T1+GR1+P1	-17818	48787	13873	53760	25328
8464		-759 26716					
262	-	Gravity{1}	-210	562	-13787	13800	26785
8857		-24 28211					
		T1+GR1+P1	-17818	48787	-13492	53663	27081
9095		1510 28607					
262	+	Gravity{1}	-127	349	14007	14012	26785
8857		-24 28211					
		T1+GR1+P1	-15133	40461	14440	45548	27081
9095		1510 28607					
263	-	Gravity{1}	-127	349	-13790	13795	25582
8412		-9 26930					
		T1+GR1+P1	-15133	40461	-13358	45217	24948
8326		-627 26308					
263	+	Gravity{1}	-127	349	13365	13370	25582
8412		-9 26930					
		T1+GR1+P1	-12809	32497	13707	37524	24948
8326		-627 26308					
264	-	Gravity{1}	-127	349	-14233	14238	30556
10262		17 32233					
		T1+GR1+P1	-12809	32497	-13891	37591	31194
10765		-8778 34147					

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Point Load			FORCES (N)				
MOMENTS (N.m)							
name	combination		X	Y	Z	Result	X
Y	Z	Result					

264	+	Gravity{1}	-2	4	15437	15437	30556
10262		17 32233					
		T1+GR1+P1	-5131	24052	15809	29236	31194
10765		-8778 34147					
265	-	Gravity{1}	-2	4	-14079	14079	22329
7202		14 23462					
		T1+GR1+P1	-5131	24052	-13707	28155	22312
6850		37454 44131					
265	+	Gravity{1}	-2	4	12848	12848	22329
7202		14 23462					
		T1+GR1+P1	-2168	16472	12833	20993	22312
6850		37454 44131					
267 N		Gravity{1}	-2	4	8673	8673	3913
283		14 3923					
		T1+GR1+P1	-2168	16472	8658	18734	4196
-22		44334 44533					
267 M		Gravity{1}	-2	4	6934	6934	-1878
392		13 1919					
		T1+GR1+P1	-2168	16472	6919	17997	-1541
91		42318 42346					
267 F		Gravity{1}	-2	4	5194	5194	-5016
3619		10 6186					
		T1+GR1+P1	-2168	16472	5180	17403	-4774
3297		32292 32809					
269 N		Gravity{1}	-2	4	-4645	4645	-5433
4727		-7 7201					
		T1+GR1+P1	-2168	16472	-4660	17255	-6082
4225		-37426 38151					
269 M		Gravity{1}	-2	4	-6384	6384	-2574
1797		-10 3139					
		T1+GR1+P1	-2168	16472	-6399	17804	-3318
1274		-47451 47584					

269	F	Gravity{1}	-2	4	-8124	8124	2811	
1702		-11 3286						
		T1+GR1+P1	-2168	16472	-8138	18500	2121	
1184		-49468 49528						
270	-	Gravity{1}	-2	4	-14130	14130	30205	
11996		-11 32500						
		T1+GR1+P1	-2168	16472	-14144	21819	29947	
11544		-39567 50947						
270	+	Gravity{1}	-2	4	14380	14380	30205	
11996		-11 32500						
		T1+GR1+P1	-10693	14448	14473	23077	29947	
11544		-39567 50947						
272	N	Gravity{1}	-2	4	8375	8375	2196	
1475		-12 2645						
		T1+GR1+P1	-10693	14448	8468	19869	2056	
1194		-52530 52584						
272	M	Gravity{1}	-2	4	6635	6635	-1931	-
2269		-11 2979						
		T1+GR1+P1	-10693	14448	6728	19193	-1979	-
2492		-51000 51099						
272	F	Gravity{1}	-2	4	4895	4895	-2159	-
6544		-8 6891						
		T1+GR1+P1	-10693	14448	4988	18654	-2045	-
6716		-40540 41143						
274	N	Gravity{1}	-2	4	-4944	4944	-2196	-
6445		8 6808						
		T1+GR1+P1	-10693	14448	-4851	18618	-1152	-
6407		33935 34554						
274	F	Gravity{1}	-2	4	-8423	8423	2185	
1635		12 2729						
		T1+GR1+P1	-10693	14448	-8330	19811	3490	
1788		45924 46091						
275	-	Gravity{1}	-2	4	-10946	10946	12201	
5398		12 13341						
		T1+GR1+P1	-10693	14448	-10853	20997	13564	
5629		40479 43061						

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S GLOBAL FORCES & MOMENTS

Point Load			FORCES (N)				
MOMENTS (N.m)							
name	combination		X	Y	Z	Result	X
Y	Z	Result					
275	+	Gravity{1}	-2	4	9864	9864	12201
5398		12 13341					
		T1+GR1+P1	-13451	20446	10564	26656	13564
5629		40479 43061					
276		Gravity{1}	-2	4	7100	7100	2588
1785		12 3144					
		T1+GR1+P1	-13451	20446	7799	25686	3383
1866		33943 34162					
277	-	Gravity{1}	-2	4	-8450	8450	6892
3402		10 7686					
		T1+GR1+P1	-13451	20446	-7751	25672	4232
2469		-2845 5666					
277	+	Gravity{1}	78	-210	6688	6692	6892
3402		10 7686					
		T1+GR1+P1	-10151	27852	6604	30371	4232
2469		-2845 5666					
278	-	Gravity{1}	78	-210	-13074	13076	32727
13106		3 35254					
		T1+GR1+P1	-10151	27852	-13158	32433	34401
13760		-325 37052					
278	+	Gravity{1}	78	-210	17042	17044	32727
13106		3 35254					
		T1+GR1+P1	-13535	36611	17553	42798	34401
13760		-325 37052					
279	-	Gravity{1}	78	-210	-16024	16026	25794
10531		4 27861					
		T1+GR1+P1	-13535	36611	-15514	42003	24588
10108		549 26591					
279	+	Gravity{1}	199	-531	8303	8322	25794
10531		4 27861					
		T1+GR1+P1	-16096	43061	8695	46786	24588
10108		549 26591					

280	-	Gravity{1}	199	-531	-9520	9537	30189
12163		14 32548					
		T1+GR1+P1	-16096	43061	-9128	46869	30912
12468		-197 33332					
280	+	Gravity{1}	199	-531	16990	17000	30189
12163		14 32548					
		T1+GR1+P1	-19014	50819	17911	57139	30912
12468		-197 33332					
281	-	Gravity{1}	199	-531	-20382	20390	56042
21847		10 60150					
		T1+GR1+P1	-19014	50819	-19461	57644	55487
21668		133 59567					
281	+	Gravity{1}	-173	454	12537	12547	21785
7177		7 22936					
		T1+GR1+P1	-16397	44431	12551	48995	21445
7096		-871 22606					
282	-	Gravity{1}	-173	454	-13472	13481	26781
9049		-19 28269					
		T1+GR1+P1	-16397	44431	-13459	49235	27183
9240		1749 28764					
282	+	Gravity{1}	-85	229	14308	14310	26781
9049		-19 28269					
		T1+GR1+P1	-13688	35995	14724	41229	27183
9240		1749 28764					
283	-	Gravity{1}	-85	229	-14562	14564	28314
9623		-8 29905					
		T1+GR1+P1	-13688	35995	-14146	41026	27722
9464		-679 29300					
283	+	Gravity{1}	-85	229	14043	14045	28314
9623		-8 29905					
		T1+GR1+P1	-11341	27646	14174	33073	27722
9464		-679 29300					
284	-	Gravity{1}	-85	229	-13200	13203	23634
7857		10 24906					
		T1+GR1+P1	-11341	27646	-13070	32615	24325
8273		-10821 27879					

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S

Point Load			FORCES (N)				
MOMENTS (N.m)							
name	combination		X	Y	Z	Result	X
Y	Z	Result					

284	+	Gravity{1}	-1	1	12920	12920	23634
7857		10 24906					
		T1+GR1+P1	-3408	20366	13215	24516	24325
8273		-10821 27879					
285	-	Gravity{1}	-1	1	-11582	11582	16918
5322		4 17735					
		T1+GR1+P1	-3408	20366	-11287	23532	16680
4961		32120 36532					
285	+	Gravity{1}	-1	1	12077	12077	16918
5322		4 17735					
		T1+GR1+P1	-37	14004	12122	18522	16680
4961		32120 36532					
287 N		Gravity{1}	-1	1	8960	8960	3534
117		4 3536					
		T1+GR1+P1	-37	14004	9004	16649	3366
-267		39004 39150					
287 M		Gravity{1}	-1	1	7210	7210	-2500
174		3 2507					
		T1+GR1+P1	-37	14004	7255	15772	-2641
-208		38726 38816					
287 F		Gravity{1}	-1	1	5460	5460	-5812
3553		2 6812					
		T1+GR1+P1	-37	14004	5505	15047	-5957
3196		31105 31831					
289 N		Gravity{1}	-1	1	-5374	5374	-5884
3745		-2 6975					
		T1+GR1+P1	-37	14004	-5330	14984	-6165
3584		-31101 31908					
289 M		Gravity{1}	-1	1	-7111	7111	-2654
431		-3 2689					
		T1+GR1+P1	-37	14004	-7066	15686	-2930
294		-38685 38797					

289 F	Gravity{1}	-1	1	-8848	8848	3263	
325	-4 3279						
	T1+GR1+P1	-37	14004	-8804	16542	3038	
190	-39048 39166						
290 -	Gravity{1}	-1	1	-14857	14857	32454	
11304	-5 34367						
	T1+GR1+P1	-37	14004	-14813	20385	32457	
11129	-26167 43151						
290 +	Gravity{1}	-1	1	14648	14648	32454	
11304	-5 34367						
	T1+GR1+P1	-7671	9200	14664	18934	32457	
11129	-26167 43151						
292 N	Gravity{1}	-1	1	8646	8646	3795	
534	-6 3833						
	T1+GR1+P1	-7671	9200	8661	14781	3980	
528	-36534 36754						
292 M	Gravity{1}	-1	1	6905	6905	-479	-
3352	-7 3386						
	T1+GR1+P1	-7671	9200	6921	13834	-249	-
3321	-36021 36175						
292 F	Gravity{1}	-1	1	5165	5165	-709	-
7828	-6 7860						
	T1+GR1+P1	-7671	9200	5181	13050	-466	-
7797	-29378 30398						
294 N	Gravity{1}	-1	1	-5908	5908	-1344	-
6141	-2 6287						
	T1+GR1+P1	-7671	9200	-5892	13349	-1146	-
6242	25481 26260						
294 M	Gravity{1}	-1	1	-7641	7641	-1106	-
1135	-1 1584						
	T1+GR1+P1	-7671	9200	-7625	14199	-901	-
1242	32109 32145						
294 F	Gravity{1}	-1	1	-9374	9374	3523	
3128	-1 4712						
	T1+GR1+P1	-7671	9200	-9358	15200	3758	
3045	32663 33020						

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S

Point Load		FORCES (N)				
MOMENTS (N.m)						
name	combination	X	Y	Z	Result	X
Y	Z Result					
295 - Gravity{1}		-1	1	-12505	12505	17527
8503 -2 19481						
T1+GR1+P1		-7671	9200	-12489	17305	17825
8482 27364 33741						
295 + Gravity{1}		-1	1	13247	13247	17527
8503 -2 19481						
T1+GR1+P1		-9787	16859	13410	23661	17825
8482 27364 33741						
296 - Gravity{1}		-1	1	-15156	15156	28580
12846 -8 31334						
T1+GR1+P1		-9787	16859	-14993	24593	28174
12770 -9249 32286						
296 + Gravity{1}		73	-183	14136	14137	28580
12846 -8 31334						
T1+GR1+P1		-9793	27277	14254	32297	28175
12770 -9249 32286						
297 - Gravity{1}		73	-183	-12910	12911	21807
10185 2 24068						
T1+GR1+P1		-9793	27277	-12792	31679	22294
10386 938 24613						
297 + Gravity{1}		73	-183	12759	12761	21807
10185 2 24068						
T1+GR1+P1		-13245	34633	13705	39531	22294
10386 938 24613						
298 - Gravity{1}		73	-183	-12643	12645	21159
9936 32 23376						
T1+GR1+P1		-13245	34633	-11697	38880	20518
9706 941 22718						
298 + Gravity{1}		-436	1130	12780	12837	22629
7537 12 23851						
T1+GR1+P1		-16469	43728	12747	48434	21995
7810 -873 23357						

299	-	Gravity{1}	-436	1130	-12500	12559	21205
6992		-30 22328					
		T1+GR1+P1	-16469	43728	-12533	48378	21768
7718		1755 23162					
299	+	Gravity{1}	-366	960	12221	12264	21205
6992		-30 22328					
		T1+GR1+P1	-14079	36147	12752	40834	21768
7718		1755 23162					
300	-	Gravity{1}	-366	960	-12280	12323	21576
7134		-17 22725					
		T1+GR1+P1	-14079	36147	-11749	40532	19627
6919		-792 20826					
300	+	Gravity{1}	-366	960	12656	12698	21576
7134		-17 22725					
		T1+GR1+P1	-11899	28966	12679	33784	19627
6919		-792 20826					
301	-	Gravity{1}	-366	960	-13388	13427	25622
8689		19 27056					
		T1+GR1+P1	-11899	28966	-13365	34047	27913
10228		-8875 31025					
301	+	Gravity{1}	-5	18	13931	13931	25622
8689		19 27056					
		T1+GR1+P1	-3311	20350	14900	25438	27913
10228		-8875 31025					
302	-	Gravity{1}	-5	18	-10812	10812	9870
2631		33 10215					
		T1+GR1+P1	-3311	20350	-9844	22847	10501
1725		36758 38267					
302	+	Gravity{1}	-5	18	10001	10001	9870
2631		33 10215					
		T1+GR1+P1	-875	14726	9997	17820	10501
1725		36758 38267					
304 N		Gravity{1}	-5	18	8681	8681	4844
670		34 4890					
		T1+GR1+P1	-875	14726	8678	17115	5556
-231		39379 39769					

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S

Point Load			FORCES (N)				
MOMENTS (N.m)							
name	combination		X	Y	Z	Result	X
Y	Z	Result					

304 M	Gravity{1}		-5	18	6930	6930	-989
717	30 1222						
	T1+GR1+P1		-875	14726	6927	16297	-281
-184	38471 38472						
304 F	Gravity{1}		-5	18	5179	5179	-4159
3945	17 5732						
	T1+GR1+P1		-875	14726	5175	15634	-3659
3030	30026 30399						
306 N	Gravity{1}		-5	18	-4981	4981	-4316
4354	-65 6131						
	T1+GR1+P1		-875	14726	-4985	15571	-5407
3331	-32613 33226						
306 M	Gravity{1}		-5	18	-6719	6719	-1286
1252	-77 1796						
	T1+GR1+P1		-875	14726	-6722	16211	-2582
215	-41014 41095						
306 F-	Gravity{1}		-5	18	-8456	8456	4339
1154	-82 4490						
	T1+GR1+P1		-876	14726	-8459	17005	3035
116	-42018 42127						
306 F+	Gravity{1}		-5	18	-8456	8456	4339
1153	-82 4490						
	T1+GR1+P1		-875	14726	-8459	17005	3035
116	-42018 42127						
A18 -	Gravity{1}		-5	18	-8460	8461	4356
1160	-82 4508						
	T1+GR1+P1		-875	14726	-8464	17008	3052
122	-42008 42119						
A18 +	Gravity{1}		-5	18	-8460	8461	4356
1160	-82 4508						
	T1+GR1+P1		-875	14726	-8464	17008	3052
122	-42008 42119						

307	-	Gravity{1}	-5	18	-14466	14466	32574	
11765		-79 34634						
		T1+GR1+P1	-875	14726	-14469	20663	31632	
10751		-30539 45264						
307	+	Gravity{1}	-5	18	14418	14418	32574	
11765		-79 34634						
		T1+GR1+P1	-9125	11467	14509	20622	31632	
10751		-30539 45264						
309	N	Gravity{1}	-5	18	8414	8414	4478	
1209		-76 4639						
		T1+GR1+P1	-9125	11467	8505	16944	3588	
330		-42394 42547						
309	M	Gravity{1}	-5	18	6673	6673	329	-
2555		-69 2577						
		T1+GR1+P1	-9125	11467	6764	16140	-459	-
3359		-41525 41663						
309	F	Gravity{1}	-5	18	4933	4933	103	-
6859		-56 6860						
		T1+GR1+P1	-9125	11467	5024	15492	-465	-
7553		-33237 34087						
310		Gravity{1}	-5	18	-5479	5480	-334	-
5692		28 5701						
		T1+GR1+P1	-9125	11467	-5388	15614	524	-
5755		30336 30881						
311	N	Gravity{1}	-5	18	-5507	5507	-357	-
5630		29 5642						
		T1+GR1+P1	-9125	11467	-5416	15623	505	-
5692		30501 31032						
311	M	Gravity{1}	-5	18	-7212	7212	-137	-
1007		41 1017						
		T1+GR1+P1	-9125	11467	-7121	16293	943	
-959		38645 38669						
311	F	Gravity{1}	-5	18	-8916	8917	4165	
2984		47 5124						
		T1+GR1+P1	-9125	11467	-8825	17107	5353	
3110		39599 40080						

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S

Point Load			FORCES (N)				
MOMENTS (N.m)							
name	combination		X	Y	Z	Result	X
Y	Z	Result					

A19	Gravity{1}		-5	18	-8944	8944	4266
3023	47 5229						
	T1+GR1+P1		-9125	11467	-8853	17121	5454
3150	39546 40045						
312 -	Gravity{1}		-5	18	-10712	10712	11353
5789	49 12744						
	T1+GR1+P1		-9125	11467	-10621	18099	12556
5954	36193 38769						
312 +	Gravity{1}		-5	18	12091	12091	11353
5789	49 12744						
	T1+GR1+P1		-11264	18248	12492	24818	12556
5954	36193 38769						
313 -	Gravity{1}		-5	18	-15143	15143	28307
12408	66 30907						
	T1+GR1+P1		-11264	18248	-14741	26022	27236
12182	-9786 31401						
313 +	Gravity{1}		110	-290	14019	14022	28307
12408	66 30907						
	T1+GR1+P1		-10478	28982	14193	33929	27236
12182	-9786 31401						
314 -	Gravity{1}		110	-290	-12380	12384	19446
8949	28 21406						
	T1+GR1+P1		-10478	28982	-12207	33147	20314
9370	-749 22384						
314 +	Gravity{1}		110	-290	11801	11805	19446
8949	28 21406						
	T1+GR1+P1		-13797	35825	12557	40391	20314
9370	-749 22384						
315 -	Gravity{1}		110	-290	-11784	11788	19318
8899	-13 21269						
	T1+GR1+P1		-13797	35825	-11028	39943	18699
8690	1974 20714						

315	+	Gravity{1}	278	-694	12308	12331	19318
8899		-13 21269					
		T1+GR1+P1	-16815	42062	13056	47143	18699
8690		1974 20714					

316	-	Gravity{1}	278	-694	-12833	12855	21865
9899		39 24001					
		T1+GR1+P1	-16815	42062	-12085	46883	22134
10097		-945 24347					

316	+	Gravity{1}	21	-52	-290	295	125
55		0 136					
		T1+GR1+P1	-.1E+07	2919220	948893	136196	126
56		-5 138					

317		Gravity{1}	21	-52	-312	317	127
56		0 139					
		T1+GR1+P1	-.1E+07	2919220	948663	136195	129
57		-6 141					

*** Segment A end ***

*** Segment B begin ***

318		Gravity{1}	-2184	2517	6946	7704	4302
3885		24 5797					
		T1+GR1+P1	-33513	38271	13005	52506	3984
3000		729 5040					

319	-	Gravity{1}	-2184	2517	-9186	9772	12603
11077		0 16779					
		T1+GR1+P1	-33513	38271	-3127	50966	13911
11946		-1240 18378					

319	+	Gravity{1}	-271	308	12213	12220	12603
11077		0 16779					
		T1+GR1+P1	-28461	32665	13312	45323	13911
11946		-1240 18378					

320 N-		Gravity{1}	-271	308	12093	12099	12120
10665		-1 16144					
		T1+GR1+P1	-28461	32665	13191	45288	13617
11698		-1260 17996					

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S

Point Load			FORCES (N)				
MOMENTS (N.m)							
name	combination		X	Y	Z	Result	X
Y	Z	Result					

320 N+	Gravity{1}		-271	308	12093	12099	12120
10665	-1 16144						
	T1+GR1+P1		-28461	32665	13191	45288	13617
11698	-1260 17996						
320 M	Gravity{1}		-271	308	12084	12091	12089
10636	-1 16102						
	T1+GR1+P1		-28461	32665	13183	45286	13586
11670	-1256 17954						
320 F-	Gravity{1}		-269	305	12077	12083	12058
10607	-1 16059						
	T1+GR1+P1		-28458	32661	13190	45283	13548
11635	-1252 17903						
320 F+	Gravity{1}		-271	308	12076	12083	12058
10607	-1 16059						
	T1+GR1+P1		-28461	32665	13175	45283	13548
11635	-1252 17903						
B01	Gravity{1}		-271	308	11955	11962	11576
10187	-1 15421						
	T1+GR1+P1		-28461	32665	13053	45248	13051
11202	-1252 17245						
321 -	Gravity{1}		-271	308	-14122	14128	20940
18399	-13 27874						
	T1+GR1+P1		-28461	32665	-13024	45240	19426
16756	332 25656						
321 +	Gravity{1}		-271	308	13583	13590	20940
18399	-13 27874						
	T1+GR1+P1		-22673	26822	13801	37735	19426
16756	332 25656						
322 -	Gravity{1}		-271	308	-11456	11463	12245
10741	-16 16288						
	T1+GR1+P1		-22673	26822	-11238	36876	13979
11777	8161 20018						

322	+	Gravity{1}	23	-20	9849	9849	12245	
10741		-16 16288						
		T1+GR1+P1	-20361	17751	10713	29059	13979	
11777		8161 20018						
323	-	Gravity{1}	23	-20	-14394	14394	30421	
26586		26 40401						
		T1+GR1+P1	-20361	17751	-13531	30212	29147	
26074		-30914 49851						
323	+	Gravity{1}	23	-20	15779	15779	30421	
26586		26 40401						
		T1+GR1+P1	-14802	10697	15818	24161	29147	
26074		-30914 49851						
326 N		Gravity{1}	23	-20	7403	7403	-58	-
3041		34 3042						
		T1+GR1+P1	-14802	10697	7442	19721	-445	-
2285		-42495 42559						
326 M		Gravity{1}	23	-20	5663	5663	-2056	-
7462		27 7740						
		T1+GR1+P1	-14802	10697	5702	19132	-2345	-
6582		-39550 40163						
326 F		Gravity{1}	23	-20	3924	3924	-821	-
10800		7 10831						
		T1+GR1+P1	-14802	10697	3963	18688	-1205	-
10093		-28115 29896						
328 N		Gravity{1}	23	-20	-4819	4819	-2013	-
9569		-109 9779						
		T1+GR1+P1	-14802	10697	-4780	18878	-3312	-
10379		40727 42159						
328 M		Gravity{1}	23	-20	-6559	6559	-3493	-
5613		-129 6612						
		T1+GR1+P1	-14802	10697	-6519	19392	-4886	-
6596		52162 52804						
328 F		Gravity{1}	23	-20	-8299	8299	-1232	
-581		-136 1369						
		T1+GR1+P1	-14802	10697	-8259	20044	-2525	-
1437		55107 55183						

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S

Point Load		FORCES (N)				
MOMENTS (N.m)						
name	combination	X	Y	Z	Result	X
Y	Z Result					
329 -	Gravity{1}	23	-20	-11564	11564	8946
9315	-133 12916					
	T1+GR1+P1	-14802	10697	-11525	21595	8002
8958	50595 52001					
329 +	Gravity{1}	23	-20	11382	11382	8946
9315	-133 12916					
	T1+GR1+P1	-10683	16528	11685	22888	8002
8958	50595 52001					
331 N	Gravity{1}	23	-20	8116	8116	-1049
-402	-130 1131					
	T1+GR1+P1	-10683	16528	8419	21405	-1702
-671	56114 56144					
331 M	Gravity{1}	23	-20	6376	6377	-6015 -
2468	-119 6503					
	T1+GR1+P1	-10683	16528	6679	20783	-6472 -
2559	53278 53731					
331 F	Gravity{1}	23	-20	4637	4637	-9800
-929	-98 9844					
	T1+GR1+P1	-10683	16528	4940	20291	-10063
-671	41144 42362					
333 N	Gravity{1}	23	-20	-4107	4107	-10509
-203	18 10511					
	T1+GR1+P1	-10683	16528	-3805	20045	-10008
1901	-32739 34287					
333 M	Gravity{1}	23	-20	-5847	5847	-7085 -
1589	40 7261					
	T1+GR1+P1	-10683	16528	-5544	20446	-6390
863	-44876 45337					
333 F	Gravity{1}	23	-20	-7586	7586	-2486
331	50 2508					
	T1+GR1+P1	-10683	16528	-7284	20985	-1598
2960	-47713 47831					

334	-	Gravity{1}	23	-20	-15488	15488	26125
28149		58 38405					
		T1+GR1+P1	-10683	16528	-15185	24858	27705
30982		-34352 53922					
334	+	Gravity{1}	23	-20	13787	13787	26125
28149		58 38405					
		T1+GR1+P1	-17954	22418	15417	32598	27705
30982		-34352 53922					
336	-	Gravity{1}	23	-20	-9288	9288	10713
11441		64 15673					
		T1+GR1+P1	-17954	22418	-7658	29725	7649
7394		9138 14024					
336	+	Gravity{1}	596	-553	11493	11522	10713
11441		64 15673					
		T1+GR1+P1	-26263	23095	11903	36943	7649
7394		9138 14024					
337	-	Gravity{1}	596	-553	-12176	12203	12882
13818		-2 18892					
		T1+GR1+P1	-26263	23095	-11766	36899	16180
17117		2219 23658					
337	+	Gravity{1}	596	-553	10469	10501	12882
13818		-2 18892					
		T1+GR1+P1	-31481	28502	12694	44324	16180
17117		2219 23658					
338	-	Gravity{1}	596	-553	-11323	11352	15476
16622		-16 22712					
		T1+GR1+P1	-31481	28502	-9098	43431	13368
14288		-2169 19686					
338	+	Gravity{1}	1345	-1242	13273	13399	15476
16622		-16 22712					
		T1+GR1+P1	-35685	33299	14958	51049	13368
14288		-2169 19686					
339	-	Gravity{1}	1345	-1242	-14344	14460	19246
20696		1 28262					
		T1+GR1+P1	-35685	33299	-12659	50423	20579
21928		340 30074					

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S

Point		Load		FORCES (N)			
MOMENTS		(N.m)					
name		combination		X	Y	Z	Result
Y		Z	Result				

339	+	Gravity{1}		1345	-1242	13553	13676
20696		1	28262				
		T1+GR1+P1		-42385	39111	16319	59937
21928		340	30074				20579
340		Gravity{1}		1345	-1242	-9620	9793
5495		21	7546				5172
		T1+GR1+P1		-42385	39111	-6855	58079
4745		-652	6649				4612
341 N		Gravity{1}		1345	-1242	-9846	10015
6196		22	8502				5822
		T1+GR1+P1		-42385	39111	-7081	58106
5422		-663	7568				5239
341 M		Gravity{1}		1345	-1242	-9876	10044
6289		21	8627				5905
		T1+GR1+P1		-42385	39111	-7110	58109
5511		-652	7687				5319
341 F		Gravity{1}		1345	-1242	-9905	10072
6391		18	8751				5977
		T1+GR1+P1		-42385	39111	-7139	58113
5603		-557	7794				5388
B04		Gravity{1}		1345	-1242	-10130	10294
7246		-23	9710				6463
		T1+GR1+P1		-42385	39111	-7364	58141
6340		727	8655				5848
342 -		Gravity{1}		1345	-1242	-11705	11848
13765		-308	17115				10167
		T1+GR1+P1		-42385	39111	-8940	58362
12000		9699	18039				9345
342 +		Gravity{1}		-3315	1822	12333	12900
11769		-151	26219				23429
		T1+GR1+P1		-54232	30445	14160	63785
12972		2164	27347				23977

343	-	Gravity{1}	-3315	1822	-11695	12292	22276	
9778		-759 24339						
		T1+GR1+P1	-54232	30445	-9868	62971	21293	
8486		-2024 23011						
343	+	Gravity{1}	-3315	1822	11288	11905	22276	
9778		-759 24339						
		T1+GR1+P1	-48501	26494	12748	56716	21293	
8486		-2024 23011						
344	-	Gravity{1}	-3315	1822	-12852	13397	26960	
18272		-822 32579						
		T1+GR1+P1	-48501	26494	-11392	56427	27903	
20651		-4538 35009						
344	+	Gravity{1}	-2337	1351	15702	15932	26960	
18272		-822 32579						
		T1+GR1+P1	-38728	22631	17784	48253	27903	
20651		-4538 35009						
345	-	Gravity{1}	-2337	1351	-9588	9961	10912	-
10218		-502 14957						
		T1+GR1+P1	-38728	22631	-7506	45480	9475	-
12627		3134 16094						
345	+	Gravity{1}	-2337	1351	794	2813	10912	-
10218		-502 14957						
		T1+GR1+P1	-35862	21506	2171	41872	9475	-
12627		3134 16094						
346	-	Gravity{1}	-2337	1351	-24413	24562	74755	
104735		14 128677						
		T1+GR1+P1	-35862	21506	-23037	47742	75220	
104474		18525 130062						
346	+	Gravity{1}	-462	197	28242	28246	74755	
104735		14 128677						
		T1+GR1+P1	-21573	5709	29017	36606	75220	
104474		18525 130062						
348 N		Gravity{1}	-462	197	-3145	3185	-8150	-
46011		-676 46733						
		T1+GR1+P1	-21573	5709	-2370	22441	-9652	-
43494		-55494 71165						

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S

Point Load			FORCES (N)				
MOMENTS (N.m)							
name	combination		X	Y	Z	Result	X
Y	Z	Result					
348 M	Gravity{1}		-462	197	-5009	5034	-7986
42773	-551 43515						
	T1+GR1+P1		-21573	5709	-4234	22714	-9402
40347	-52384 66786						
348 F	Gravity{1}		-462	197	-6873	6891	-11303
39431	-186 41020						
	T1+GR1+P1		-21573	5709	-6098	23134	-12311
37511	-37337 54338						
350 N	Gravity{1}		-462	197	-15437	15445	-49985
23527	1697 55271						
	T1+GR1+P1		-21573	5709	-14662	26701	-48754
24425	45602 71085						
350 M	Gravity{1}		-462	197	-17164	17171	-58464
15009	2041 60394						
	T1+GR1+P1		-21573	5709	-16389	27688	-56871
16480	59863 84199						
350 F	Gravity{1}		-462	197	-18892	18898	-58513
1710	2190 58579						
	T1+GR1+P1		-21573	5709	-18117	28744	-56860
3542	64234 85858						
B05	Gravity{1}		-462	197	-18915	18922	-58442
1529	2190 58503						
	T1+GR1+P1		-21573	5709	-18140	28759	-56790
3364	64207 85785						
351 -	Gravity{1}		-462	197	-22181	22187	-47524
25765	2206 54104						
	T1+GR1+P1		-21573	5709	-21406	30923	-46097
23616	60331 79514						
351 +	Gravity{1}		-462	197	3059	3100	-47524
25765	2206 54104						
	T1+GR1+P1		-19424	11981	3483	23086	-46097
23616	60331 79514						

353 N	Gravity{1}	-462	197	-237	556	-48273
23890	2222 53907					
	T1+GR1+P1	-19424	11981	187	22823	-46672
21819	65973 83707					
353 M	Gravity{1}	-462	197	-1962	2025	-47646
24423	2089 53582					
	T1+GR1+P1	-19424	11981	-1538	22874	-46006
22541	62353 80700					
353 F	Gravity{1}	-462	197	-3687	3721	-45561
24395	1752 51711					
	T1+GR1+P1	-19424	11981	-3263	23054	-43991
22895	48250 69191					
355 N	Gravity{1}	-462	197	-12388	12398	-16973
13427	-160 21642					
	T1+GR1+P1	-19424	11981	-11964	25768	-15987
13993	-37207 42846					
355 M	Gravity{1}	-462	197	-14269	14278	-6342
14145	-520 15510					
	T1+GR1+P1	-19424	11981	-13845	26693	-5547
14928	-52162 54539					
355 F	Gravity{1}	-462	197	-16150	16158	1073
23777	-625 23809					
	T1+GR1+P1	-19424	11981	-15726	27715	1647
24274	-54204 59414					
356 -	Gravity{1}	-462	197	-24191	24196	17965
92740	-339 94465					
	T1+GR1+P1	-19424	11981	-23767	32950	17759
91105	-29502 97396					
356 +	Gravity{1}	-462	197	20659	20665	17965
92740	-339 94465					
	T1+GR1+P1	-32760	12050	20099	40279	17759
91105	-29502 97396					
357 -	Gravity{1}	-462	197	-2316	2370	-2533
2727	559 3764					
	T1+GR1+P1	-32760	12050	-2876	35024	-2555
3678	15554 16186					

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G L O B A L F O R C E S & M O M E N T

S

Point Load		FORCES (N)				
MOMENTS (N.m)						
name combination		X	Y	Z	Result	X
Y Z Result						
357 + Gravity{1}		-557	89	10200	10216	-2533
2727 559 3764						
T1+GR1+P1		-39508	7884	10091	41532	-2555
3678 15554 16186						
358 - Gravity{1}		-557	89	-15014	15024	3424
28591 143 28795						
T1+GR1+P1		-39508	7884	-15122	43032	3203
28373 2526 28665						
358 + Gravity{1}		-557	89	13191	13203	3424
28591 143 28795						
T1+GR1+P1		-47667	10651	13005	50544	3203
28373 2526 28665						
359 - Gravity{1}		-557	89	-11867	11881	1760
21497 -298 21571						
T1+GR1+P1		-47667	10651	-12054	50308	1585
21388 -3256 21692						
359 + Gravity{1}		-388	122	12327	12334	1760
21497 -298 21571						
T1+GR1+P1		-54764	13177	12649	57730	1585
21388 -3256 21692						
360 - Gravity{1}		-388	122	-12378	12385	1831
21790 24 21867						
T1+GR1+P1		-54764	13177	-12056	57603	1774
22101 87 22172						
360 + Gravity{1}		-388	122	11962	11969	1831
21790 24 21867						
T1+GR1+P1		-62239	14647	12748	65198	1774
22101 87 22172						
361 Gravity{1}		-388	122	-9950	9959	-360
12437 310 12446						
T1+GR1+P1		-62239	14647	-9164	64593	-551
12169 517 12192						

362 N	Gravity{1}	-388	122	-10040	10048	-269	
12818	311 12825						
	T1+GR1+P1	-62239	14647	-9253	64605	-458	
12557	507 12575						
362 F-	Gravity{1}	-525	179	-10040	10055	702	
12814	337 12837						
	T1+GR1+P1	-61044	19455	-8315	64606	490	
12530	734 12561						
362 F+	Gravity{1}	-388	122	-10047	10055	-299	
12830	312 12837						
	T1+GR1+P1	-62239	14647	-9261	64606	-494	
12531	707 12561						
B06	Gravity{1}	-388	122	-10137	10145	-238	
13223	315 13229						
	T1+GR1+P1	-62239	14647	-9351	64619	-434	
12912	906 12951						
363 -	Gravity{1}	-388	122	-11431	11439	652	
19272	351 19287						
	T1+GR1+P1	-62239	14647	-10645	64819	463	
18823	3982 19245						
363 +	Gravity{1}	1256	-188	14198	14254	4350	
29055	10 29379						
	T1+GR1+P1	-21022	3098	12470	24638	3141	
20782	-6 21018						
364 -	Gravity{1}	1256	-188	-15906	15956	5969	
40050	-22 40492						
	T1+GR1+P1	-21022	3098	-17633	27612	8457	
56860	10 57486						
364 +	Gravity{1}	1353	-197	17234	17289	5969	
40050	-22 40492						
	T1+GR1+P1	-9699	1427	20114	22376	8457	
56860	10 57486						
365 -	Gravity{1}	1353	-197	-13966	14032	2706	
17902	7 18106						
	T1+GR1+P1	-9699	1427	-11086	14798	-477	-
3774	-9 3804						

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S G L O B A L F O R C E S & M O M E N T

Point Load		FORCES (N)					
MOMENTS (N.m)							
name	combination	X	Y	Z	Result	X	
Y	Z Result						
365 +	Gravity{1}	1353	-197	8179	8292	2706	
17902	7 18106						
	T1+GR1+P1	-9699	1427	15987	18754	-477	-
3774	-9 3804						
367 N	Gravity{1}	1353	-197	3758	3999	1021	
6462	11 6542						
	T1+GR1+P1	-9699	1427	11567	15162	-4355	-
30097	-12 30410						
367 M	Gravity{1}	1353	-197	2021	2440	672	
4088	12 4143						
	T1+GR1+P1	-9699	1427	9830	13883	-5018	-
34601	-12 34963						
367 F	Gravity{1}	1353	-197	285	1396	478	
2761	13 2802						
	T1+GR1+P1	-9699	1427	8094	12712	-4421	-
30542	-13 30860						
368	Gravity{1}	1353	-197	-11499	11580	-543	-
4234	13 4269						
	T1+GR1+P1	-9699	1427	-3691	10475	2947	
19515	-11 19737						
369 N	Gravity{1}	1353	-197	-11517	11598	-544	-
4245	13 4279						
	T1+GR1+P1	-9699	1427	-3708	10481	2958	
19590	-11 19812						
369 M	Gravity{1}	1353	-197	-13234	13304	-169	-
1669	13 1677						
	T1+GR1+P1	-9699	1427	-5425	11204	4120	
27499	-7 27806						
369 F	Gravity{1}	1353	-197	-14950	15012	1156	
7390	13 7480						
	T1+GR1+P1	-9699	1427	-7141	12128	5144	
34487	-1 34869						

B61 -	Gravity{1}	1353	-197	-17650	17703	3935	
26448	13 26739						
	T1+GR1+P1	-9699	1427	-9841	13891	6607	
44516	14 45003						
B61 +	Gravity{1}	1353	-197	14366	14431	3935	
26448	13 26739						
	T1+GR1+P1	-12016	1756	13465	18132	6607	
44516	14 45003						
B63 -	Gravity{1}	1353	-197	-14908	14971	4416	
29743	17 30069						
	T1+GR1+P1	-12016	1756	-15809	19935	8961	
60643	49 61302						
B63 +	Gravity{1}	1353	-197	19158	19207	4416	
29743	17 30069						
	T1+GR1+P1	-14557	2086	9716	17626	8961	
60643	49 61302						
371 N	Gravity{1}	1353	-197	16510	16566	1428	
9261	17 9370						
	T1+GR1+P1	-14557	2086	7067	16316	7576	
51150	5 51708						
371 M	Gravity{1}	1353	-197	14762	14825	-82	-
1077	17 1080						
	T1+GR1+P1	-14557	2086	5320	15638	6367	
42797	-22 43268						
371 F	Gravity{1}	1353	-197	13015	13086	-535	-
4176	18 4210						
	T1+GR1+P1	-14557	2086	3573	15133	4736	
31439	-33 31794						
373 N	Gravity{1}	1353	-197	1452	1994	458	
2632	18 2672						
	T1+GR1+P1	-14557	2086	-7990	16736	-5825	-
42255	-33 42655						
373 M	Gravity{1}	1353	-197	-309	1401	582	
3484	16 3533						
	T1+GR1+P1	-14557	2086	-9751	17645	-6895	-
49688	-26 50164						

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S G L O B A L F O R C E S & M O M E N T

Point Load		FORCES (N)					
MOMENTS (N.m)							
name	combination	X	Y	Z	Result	X	
Y	Z Result						

373 F	Gravity{1}	1353	-197	-2071	2481	758	
4713	12 4774						
	T1+GR1+P1	-14557	2086	-11513	18676	-6422	-
46323	-13 46766						
374 -	Gravity{1}	1353	-197	-7463	7587	2330	
15787	0 15958						
	T1+GR1+P1	-14557	2086	-16905	22406	-1605	-
12395	33 12499						
374 +	Gravity{1}	1353	-197	13965	14032	2330	
15787	0 15958						
	T1+GR1+P1	-14557	2086	10814	18253	-1605	-
12395	33 12499						
375 -	Gravity{1}	1353	-197	-17456	17509	5645	
39152	-70 39557						
	T1+GR1+P1	-14557	2086	-20607	25316	8488	
58665	300 59276						
375 +	Gravity{1}	1787	-260	14949	15057	5645	
39152	-70 39557						
	T1+GR1+P1	-25242	3718	17251	30799	8488	
58665	300 59276						
376 -	Gravity{1}	1787	-260	-13704	13822	4442	
31123	29 31439						
	T1+GR1+P1	-25242	3718	-11401	27946	3677	
26669	-546 26927						
376 +	Gravity{1}	1787	-260	15502	15607	4442	
31123	29 31439						
	T1+GR1+P1	-33461	4868	15673	37268	3677	
26669	-546 26927						
377 -	Gravity{1}	1787	-260	-16315	16415	5187	
36321	-19 36689						
	T1+GR1+P1	-33461	4868	-16145	37470	5265	
37626	339 37994						

377	+	Gravity{1}	1787	-260	15381	15486	5187
36321		-19 36689					
		T1+GR1+P1	-43156	6311	15939	46436	5265
37626		339 37994					
378	-	Gravity{1}	1787	-260	-14460	14572	4281
30153		15 30455					
		T1+GR1+P1	-43156	6311	-13901	45776	4086
29633		-116 29914					
378	+	Gravity{1}	2058	-304	14432	14581	4281
30153		15 30455					
		T1+GR1+P1	-51412	7575	14881	54056	4086
29633		-116 29914					
379	-	Gravity{1}	2058	-304	-14487	14635	4294
30247		-5 30550					
		T1+GR1+P1	-51412	7575	-14038	53830	4219
30531		62 30821					
379	+	Gravity{1}	0	0	9602	9602	1903
13323		0 13458					
		T1+GR1+P1	-.3E+07	503318	180163528805		1955
13316		42868 44931					
380	-	Gravity{1}	0	0	-9664	9664	1941
13584		0 13722					
		T1+GR1+P1	-.3E+07	503318	-12503528759		1792
13604		-42593 44748					
380	+	Gravity{1}	0	0	9727	9727	1941
13584		0 13722					
		T1+GR1+P1	-.3E+07	494986	262163528857		1792
13604		-42593 44748					
381		Gravity{1}	0	0	-9789	9789	1977
13845		0 13985					
		T1+GR1+P1	-.3E+07	494986	67013528766		2221
13811		42320 44572					

*** Segment B end ***

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R E S U L T S U M M A R Y

Maximum displacements (mm)

	Maximum X :	-117.958	Point : 131 M	Load Comb.:
T1+GR1+P1				
	Maximum Y :	-120.247	Point : 198 M	Load Comb.:
T1+GR1+P1				
	Maximum Z :	-177.811	Point : 348 N	Load Comb.:
Gravity{1}				
	Max. total:	197.331	Point : 348 N	Load Comb.:
T1+GR1+P1				

Maximum rotations (deg)

	Maximum X :	-1.535	Point : 348 F	Load Comb.:
Gravity{1}				
	Maximum Y :	0.941	Point : 350 N	Load Comb.:
Gravity{1}				
	Maximum Z :	1.053	Point : 348 F	Load Comb.:
T1+GR1+P1				
	Max. total:	1.943	Point : 348 F	Load Comb.:
T1+GR1+P1				

Maximum pipe forces (N)

	Maximum X :	-3493870	Point : 380	Load Comb.:
T1+GR1+P1				
	Maximum Y :	2919220	Point : 316	Load Comb.:
T1+GR1+P1				
	Maximum Z :	94889	Point : 316	Load Comb.:
T1+GR1+P1				
	Max. total:	3528857	Point : 380	Load Comb.:
T1+GR1+P1				

Maximum pipe moments (N.m)

	Maximum X :	75220	Point : 346	Load Comb.:
T1+GR1+P1				
	Maximum Y :	104735	Point : 346	Load Comb.:
Gravity{1}				

	Maximum Z :	65973	Point : 353 N	Load Comb.:
T1+GR1+P1				
	Max. total:	130062	Point : 346	Load Comb.:
T1+GR1+P1				

