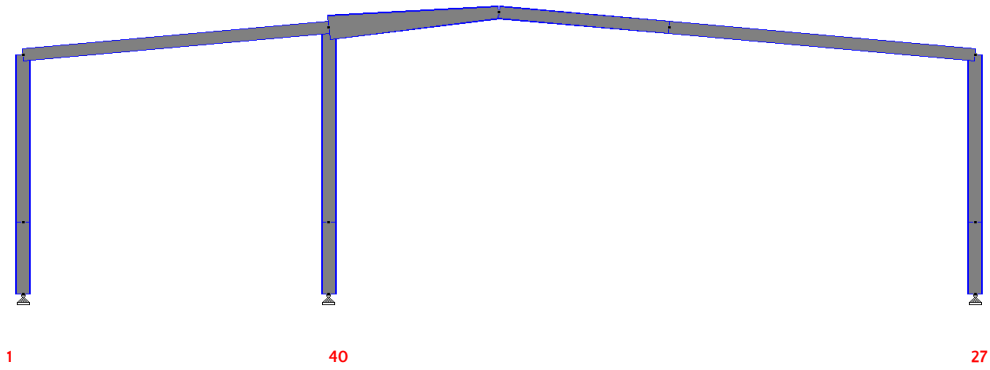


REACTION SHEET						DATE	REV
PROJECT NAME :		M/S. J.R.RECL				7/12/2024	0
LOCATION :		BANGLORE					
JOB NO :		NG-J-2876					
AREA NO :		1	BLDG NO :	1	WORKSHOP		

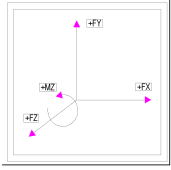
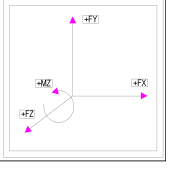


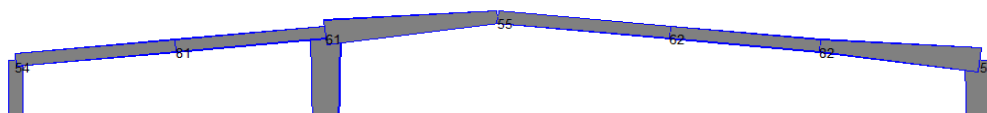
END WALL1 & 3

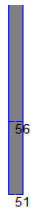
WORKSHOP - serviceability combination (GRID NO 1& 3)

NODE	PRIMARY LOAD CASE	FX (KN)	FY (KN)	FZ (KN)	MX (KNM)	MY (KNM)	MZ (KNM)	REMARK
1	153 1.0 (DL+LL)	0.83	13.81	0.00	0.00	0.00	0.00	
	154 1.0 (DL+CL+LL)	1.68	22.38	0.00	0.00	0.00	0.00	
	155 1.0 (DL+EQ+X)	-1.86	3.47	-0.58	0.00	0.00	0.00	
	156 1.0 (DL+EQ-X)	2.13	9.80	0.00	0.00	0.00	0.00	
	157 1.0 (DL+EQ+Z)	0.14	6.72	0.00	0.00	0.00	0.00	
	158 1.0 (DL+EQ-Z)	0.14	6.72	0.00	0.00	0.00	0.00	
	159 1.00 DL + 1.0 CL + 0.8 LL + 0.8 EQ+X	-0.09	18.07	-0.46	0.00	0.00	0.00	
	160 1.00 DL + 1.0 CL + 0.8 LL + 0.8 EQ-X	3.10	23.14	0.00	0.00	0.00	0.00	
	161 1.00 DL + 1.0 CL + 0.8 LL + 0.8 EQ+Z	1.51	20.67	0.00	0.00	0.00	0.00	
	162 1.00 DL + 1.0 CL + 0.8 LL + 0.8 EQ-Z	1.51	20.67	0.00	0.00	0.00	0.00	
	163 1.0(DL+WLL1)	-5.44	-1.81	-1.41	0.00	0.00	0.00	
	164 1.0(DL+WLR1)	4.70	5.07	-0.37	0.00	0.00	0.00	
	165 1.0(DL+WLL2)	-7.86	1.20	-0.94	0.00	0.00	0.00	
	166 1.0(DL+WLR2)	2.33	8.16	0.00	0.00	0.00	0.00	
	167 1.0(DL+WLG1)	4.11	-0.62	-1.18	0.00	0.00	0.00	
	168 1.0(DL+WLG2)	4.11	-0.62	-1.18	0.00	0.00	0.00	
	169 1.0(DL+WLG3)	1.73	2.41	-0.71	0.00	0.00	0.00	
	170 1.0(DL+WLG4)	1.73	2.41	-0.71	0.00	0.00	0.00	
	171 1.0 DL + 0.8 LL + 0.8 WLL1	-3.77	5.57	-1.13	0.00	0.00	0.00	
	172 1.0 DL + 0.8 LL + 0.8 WLR1	4.35	11.07	-0.30	0.00	0.00	0.00	
	173 1.0 DL + 0.8 LL + 0.8 WLL2	-5.70	7.98	-0.75	0.00	0.00	0.00	
	174 1.0 DL + 0.8 LL + 0.8 WLR2	2.45	13.54	0.00	0.00	0.00	0.00	
	175 1.0 DL + 0.8 LL + 0.8 WLG1	3.87	6.52	-0.95	0.00	0.00	0.00	
	176 1.0 DL + 0.8 LL + 0.8 WLG2	3.87	6.52	-0.95	0.00	0.00	0.00	
	177 1.0 DL + 0.8 LL + 0.8 WLG3	1.97	8.95	-0.57	0.00	0.00	0.00	
	178 1.0 DL + 0.8 LL + 0.8 WLG4	1.97	8.95	-0.57	0.00	0.00	0.00	
	179 1.0 DL + 1.0 CL + 0.8 LL + 0.8 WLL1	-2.95	13.85	-1.13	0.00	0.00	0.00	
	180 1.0 DL + 1.0 CL + 0.8 LL + 0.8 WLR1	5.16	19.35	-0.30	0.00	0.00	0.00	

181 1.0 DL + 1.0 CL + 0.8 LL + 0.8 WLL2	-4.89	16.25	-0.75	0.00	0.00	0.00
182 1.0 DL + 1.0 CL + 0.8 LL + 0.8 WLR2	3.27	21.82	0.00	0.00	0.00	0.00
183 1.0 DL + 1.0 CL + 0.8 LL + 0.8 WLG1	4.69	14.80	-0.95	0.00	0.00	0.00
184 1.0 DL + 1.0 CL + 0.8 LL + 0.8 WLG2	4.69	14.80	-0.95	0.00	0.00	0.00
185 1.0 DL + 1.0 CL + 0.8 LL + 0.8 WLG3	2.79	17.23	-0.57	0.00	0.00	0.00
186 1.0 DL + 1.0 CL + 0.8 LL + 0.8 WLG4	2.79	17.23	-0.57	0.00	0.00	0.00

NODE	PRIMARY LOAD CASE	FX (KN)	FY (KN)	FZ (KN)	MX (KNM)	MY (KNM)	MZ (KNM)	REMARK
27	153 1.0 (DL+LL)	-8.40	36.91	0.00	0.00	0.00	0.00	 
	154 1.0 (DL+CL+LL)	-15.54	64.87	0.00	0.00	0.00	0.00	
	155 1.0 (DL+EQ+X)	-3.99	15.00	0.00	0.00	0.00	0.00	
	156 1.0 (DL+EQ-X)	-0.99	12.43	-0.32	0.00	0.00	0.00	
	157 1.0 (DL+EQ+Z)	-2.49	13.79	0.00	0.00	0.00	0.00	
	158 1.0 (DL+EQ-Z)	-2.49	13.79	0.00	0.00	0.00	0.00	
	159 1.0 DL + 1.0 CL + 0.8 LL + 0.8 EQ+X	-15.31	60.25	0.00	0.00	0.00	0.00	
	160 1.0 DL + 1.0 CL + 0.8 LL + 0.8 EQ-X	-12.91	58.19	-0.26	0.00	0.00	0.00	
	161 1.0 DL + 1.0 CL + 0.8 LL + 0.8 EQ+Z	-14.11	59.28	0.00	0.00	0.00	0.00	
	162 1.0 DL + 1.0 CL + 0.8 LL + 0.8 EQ-Z	-14.11	59.28	0.00	0.00	0.00	0.00	
	163 1.0(DL+WLL1)	-3.91	1.96	-1.14	0.00	0.00	0.00	
	164 1.0(DL+WLR1)	6.66	-4.41	-2.15	0.00	0.00	0.00	
	165 1.0(DL+WLL2)	-2.79	8.59	-0.42	0.00	0.00	0.00	
	166 1.0(DL+WLR2)	7.83	2.21	-1.44	0.00	0.00	0.00	
	167 1.0(DL+WLG1)	-2.92	-3.89	-1.92	0.00	0.00	0.00	
	168 1.0(DL+WLG2)	-2.92	-3.89	-1.92	0.00	0.00	0.00	
	169 1.0(DL+WLG3)	-1.81	2.80	-1.20	0.00	0.00	0.00	
	170 1.0(DL+WLG4)	-1.81	2.80	-1.20	0.00	0.00	0.00	
	171 1.0 DL + 0.8 LL + 0.8 WLL1	-8.36	22.83	-0.91	0.00	0.00	0.00	
	172 1.0 DL + 0.8 LL + 0.8 WLR1	0.10	17.73	-1.72	0.00	0.00	0.00	
	173 1.0 DL + 0.8 LL + 0.8 WLL2	-7.45	28.13	-0.34	0.00	0.00	0.00	
	174 1.0 DL + 0.8 LL + 0.8 WLR2	1.04	23.02	-1.15	0.00	0.00	0.00	
	175 1.0 DL + 0.8 LL + 0.8 WLG1	-7.56	18.14	-1.54	0.00	0.00	0.00	
	176 1.0 DL + 0.8 LL + 0.8 WLG2	-7.56	18.14	-1.54	0.00	0.00	0.00	
	177 1.0 DL + 0.8 LL + 0.8 WLG3	-6.67	23.49	-0.96	0.00	0.00	0.00	
	178 1.0 DL + 0.8 LL + 0.8 WLG4	-6.67	23.49	-0.96	0.00	0.00	0.00	
	179 1.0 DL + 1.0 CL + 0.8 LL + 0.8 WLL1	-15.25	49.82	-0.91	0.00	0.00	0.00	
	180 1.0 DL + 1.0 CL + 0.8 LL + 0.8 WLR1	-6.79	44.72	-1.72	0.00	0.00	0.00	
	181 1.0 DL + 1.0 CL + 0.8 LL + 0.8 WLL2	-14.35	55.12	-0.34	0.00	0.00	0.00	
	182 1.0 DL + 1.0 CL + 0.8 LL + 0.8 WLR2	-5.85	50.01	-1.15	0.00	0.00	0.00	
	183 1.0 DL + 1.0 CL + 0.8 LL + 0.8 WLG1	-14.46	45.13	-1.54	0.00	0.00	0.00	
	184 1.0 DL + 1.0 CL + 0.8 LL + 0.8 WLG2	-14.46	45.13	-1.54	0.00	0.00	0.00	
	185 1.0 DL + 1.0 CL + 0.8 LL + 0.8 WLG3	-13.57	50.48	-0.96	0.00	0.00	0.00	





51

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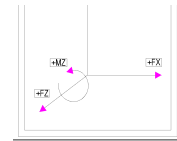
52

GRID 2 ICO

NODE	PRIMARY LOAD CASE	FX (KN)	FY (KN)	FZ (KN)	MX (KNM)	MY (KNM)	MZ (KNM)	REMARK
51	153 1.0 (DL+LL)	1.87	18.87	0.00	0.00	0.00	0.00	
	154 1.0 (DL+CL+LL)	3.58	31.60	0.00	0.00	0.00	0.00	
	155 1.0 (DL+EQ+X)	-1.86	3.90	0.39	0.00	0.00	0.00	
	156 1.0 (DL+EQ-X)	2.76	12.92	0.00	0.00	0.00	0.00	
	157 1.0 (DL+EQ+Z)	0.45	8.33	0.00	0.00	0.00	0.00	
	158 1.0 (DL+EQ-Z)	0.45	8.33	0.00	0.00	0.00	0.00	
	159 1.00 DL + 1.0 CL + 0.8 LL + 0.8 EQ+X	1.39	25.51	0.31	0.00	0.00	0.00	
	160 1.00 DL + 1.0 CL + 0.8 LL + 0.8 EQ-X	5.09	32.72	0.00	0.00	0.00	0.00	
	161 1.00 DL + 1.0 CL + 0.8 LL + 0.8 EQ+Z	3.24	29.05	0.00	0.00	0.00	0.00	
	162 1.00 DL + 1.0 CL + 0.8 LL + 0.8 EQ-Z	3.24	29.05	0.00	0.00	0.00	0.00	
	163 1.0(DL+WLL1)	-5.74	-2.51	1.04	0.00	0.00	0.00	
	164 1.0(DL+WLR1)	4.73	5.55	0.19	0.00	0.00	0.00	
	165 1.0(DL+WLL2)	-7.99	1.12	0.67	0.00	0.00	0.00	
	166 1.0(DL+WLR2)	2.53	9.13	0.00	0.00	0.00	0.00	
	167 1.0(DL+WLG1)	3.95	-0.80	0.90	0.00	0.00	0.00	
	168 1.0(DL+WLG2)	3.95	-0.80	0.90	0.00	0.00	0.00	
	169 1.0(DL+WLG3)	1.74	2.87	0.52	0.00	0.00	0.00	
	170 1.0(DL+WLG4)	1.74	2.87	0.52	0.00	0.00	0.00	
	171 1.0 DL + 0.8 LL + 0.8 WLL1	-3.37	8.09	0.83	0.00	0.00	0.00	
	172 1.0 DL + 0.8 LL + 0.8 WLR1	5.01	14.53	0.15	0.00	0.00	0.00	
	173 1.0 DL + 0.8 LL + 0.8 WLL2	-5.17	10.99	0.53	0.00	0.00	0.00	
	174 1.0 DL + 0.8 LL + 0.8 WLR2	3.25	17.40	0.00	0.00	0.00	0.00	
	175 1.0 DL + 0.8 LL + 0.8 WLG1	4.38	9.45	0.72	0.00	0.00	0.00	
	176 1.0 DL + 0.8 LL + 0.8 WLG2	4.38	9.45	0.72	0.00	0.00	0.00	
	177 1.0 DL + 0.8 LL + 0.8 WLG3	2.62	12.38	0.42	0.00	0.00	0.00	
	178 1.0 DL + 0.8 LL + 0.8 WLG4	2.62	12.38	0.42	0.00	0.00	0.00	
	179 1.0 DL + 1.0 CL + 0.8 LL + 0.8 WLL1	-1.72	20.38	0.83	0.00	0.00	0.00	
	180 1.0 DL + 1.0 CL + 0.8 LL + 0.8 WLR1	6.66	26.82	0.15	0.00	0.00	0.00	
	181 1.0 DL + 1.0 CL + 0.8 LL + 0.8 WLL2	-3.52	23.28	0.53	0.00	0.00	0.00	
	182 1.0 DL + 1.0 CL + 0.8 LL + 0.8 WLR2	4.90	29.69	0.00	0.00	0.00	0.00	
	183 1.0 DL + 1.0 CL + 0.8 LL + 0.8 WLG1	6.04	21.74	0.72	0.00	0.00	0.00	
	184 1.0 DL + 1.0 CL + 0.8 LL + 0.8 WLG2	6.04	21.74	0.72	0.00	0.00	0.00	
	185 1.0 DL + 1.0 CL + 0.8 LL + 0.8 WLG3	4.27	24.68	0.42	0.00	0.00	0.00	
	186 1.0 DL + 1.0 CL + 0.8 LL + 0.8 WLG4	4.27	24.68	0.42	0.00	0.00	0.00	

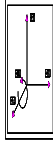
NODE	PRIMARY LOAD CASE	FX (KN)	FY (KN)	FZ (KN)	MX (KNM)	MY (KNM)	MZ (KNM)	REMARK
	153 1.0 (DL+LL)	13.40	67.79	0.00	0.00	0.00	0.00	
	154 1.0 (DL+CL+LL)	24.54	120.97	0.00	0.00	0.00	0.00	

83	155 1.0 (DL+EQ+X)	-1.85	24.28	0.00	0.00	0.00	0.00
	156 1.0 (DL+EQ-X)	10.20	23.33	0.00	0.00	0.00	0.00
	157 1.0 (DL+EQ+Z)	4.18	23.81	0.00	0.00	0.00	0.00
	158 1.0 (DL+EQ-Z)	4.18	23.81	0.00	0.00	0.00	0.00
	159 1.00 DL + 1.0 CL + 0.8 LL + 0.8 EQ+X	17.49	110.72	0.00	0.00	0.00	0.00
	160 1.00 DL + 1.0 CL + 0.8 LL + 0.8 EQ-X	27.13	109.95	0.00	0.00	0.00	0.00
	161 1.00 DL + 1.0 CL + 0.8 LL + 0.8 EQ+Z	22.31	110.34	0.00	0.00	0.00	0.00
	162 1.00 DL + 1.0 CL + 0.8 LL + 0.8 EQ-Z	22.31	110.34	0.00	0.00	0.00	0.00
	163 1.0(DL+WLL1)	-5.53	-6.27	0.00	0.00	0.00	0.00
	164 1.0(DL+WLR1)	1.83	-3.78	0.00	0.00	0.00	0.00
	165 1.0(DL+WLL2)	-3.29	4.39	0.00	0.00	0.00	0.00
	166 1.0(DL+WLR2)	4.11	6.88	0.00	0.00	0.00	0.00
	167 1.0(DL+WLG1)	-2.22	-6.56	0.00	0.00	0.00	0.00
	168 1.0(DL+WLG2)	-2.22	-6.56	0.00	0.00	0.00	0.00
	169 1.0(DL+WLG3)	0.07	4.24	0.00	0.00	0.00	0.00
	170 1.0(DL+WLG4)	0.07	4.24	0.00	0.00	0.00	0.00
	171 1.0 DL + 0.8 LL + 0.8 WLL1	3.79	34.93	0.00	0.00	0.00	0.00
	172 1.0 DL + 0.8 LL + 0.8 WLR1	9.67	36.92	0.00	0.00	0.00	0.00
	173 1.0 DL + 0.8 LL + 0.8 WLL2	5.57	43.46	0.00	0.00	0.00	0.00
	174 1.0 DL + 0.8 LL + 0.8 WLR2	11.50	45.45	0.00	0.00	0.00	0.00
	175 1.0 DL + 0.8 LL + 0.8 WLG1	6.43	34.70	0.00	0.00	0.00	0.00
	176 1.0 DL + 0.8 LL + 0.8 WLG2	6.43	34.70	0.00	0.00	0.00	0.00
	177 1.0 DL + 0.8 LL + 0.8 WLG3	8.26	43.34	0.00	0.00	0.00	0.00
	178 1.0 DL + 0.8 LL + 0.8 WLG4	8.26	43.34	0.00	0.00	0.00	0.00
	179 1.0 DL + 1.0 CL + 0.8 LL + 0.8 WLL1	14.54	86.27	0.00	0.00	0.00	0.00
	180 1.0 DL + 1.0 CL + 0.8 LL + 0.8 WLR1	20.43	88.27	0.00	0.00	0.00	0.00
	181 1.0 DL + 1.0 CL + 0.8 LL + 0.8 WLL2	16.33	94.80	0.00	0.00	0.00	0.00
	182 1.0 DL + 1.0 CL + 0.8 LL + 0.8 WLR2	22.25	96.80	0.00	0.00	0.00	0.00
	183 1.0 DL + 1.0 CL + 0.8 LL + 0.8 WLG1	17.19	86.04	0.00	0.00	0.00	0.00
	184 1.0 DL + 1.0 CL + 0.8 LL + 0.8 WLG2	17.19	86.04	0.00	0.00	0.00	0.00
	185 1.0 DL + 1.0 CL + 0.8 LL + 0.8 WLG3	19.02	94.68	0.00	0.00	0.00	0.00
	186 1.0 DL + 1.0 CL + 0.8 LL + 0.8 WLG4	19.02	94.68	0.00	0.00	0.00	0.00



NODE	PRIMARY LOAD CASE	FX (KN)	FY (KN)	FZ (KN)	MX (KNM)	MY (KNM)	MZ (KNM)	REMARK
52	153 1.0 (DL+LL)	-13.78	41.53	0.00	0.00	0.00	0.00	
	154 1.0 (DL+CL+LL)	-25.42	72.43	0.00	0.00	0.00	0.00	
	155 1.0 (DL+EQ+X)	-7.99	19.29	0.00	0.00	0.00	0.00	
	156 1.0 (DL+EQ-X)	-0.31	12.78	0.15	0.00	0.00	0.00	
	157 1.0 (DL+EQ+Z)	-4.16	15.97	0.00	0.00	0.00	0.00	
	158 1.0 (DL+EQ-Z)	-4.16	15.97	0.00	0.00	0.00	0.00	
	159 1.00 DL + 1.0 CL + 0.8 LL + 0.8 EQ+X	-26.16	68.91	0.00	0.00	0.00	0.00	
	160 1.00 DL + 1.0 CL + 0.8 LL + 0.8 EQ-X	-20.02	63.70	0.12	0.00	0.00	0.00	
	161 1.00 DL + 1.0 CL + 0.8 LL + 0.8 EQ+Z	-23.09	66.25	0.00	0.00	0.00	0.00	
	162 1.00 DL + 1.0 CL + 0.8 LL + 0.8 EQ-Z	-23.09	66.25	0.00	0.00	0.00	0.00	
	163 1.0(DL+WLL1)	-5.58	3.95	1.53	0.00	0.00	0.00	
	164 1.0(DL+WLR1)	9.96	-6.28	2.31	0.00	0.00	0.00	
	165 1.0(DL+WLL2)	-5.40	11.43	0.68	0.00	0.00	0.00	
	166 1.0(DL+WLR2)	10.21	1.18	1.46	0.00	0.00	0.00	
	167 1.0(DL+WLG1)	-1.95	-4.07	2.26	0.00	0.00	0.00	
	168 1.0(DL+WLG2)	-1.95	-4.07	2.26	0.00	0.00	0.00	
	169 1.0(DL+WLG3)	-1.78	3.48	1.41	0.00	0.00	0.00	
	170 1.0(DL+WLG4)	-1.78	3.48	1.41	0.00	0.00	0.00	
	171 1.0 DL + 0.8 LL + 0.8 WLL1	-13.00	26.80	1.23	0.00	0.00	0.00	

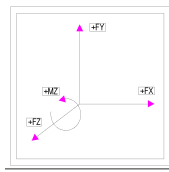
172 1.0 DL + 0.8 LL + 0.8 WLR1	-0.56	18.62	1.85	0.00	0.00	0.00
173 1.0 DL + 0.8 LL + 0.8 WLL2	-12.85	32.79	0.55	0.00	0.00	0.00
174 1.0 DL + 0.8 LL + 0.8 WLR2	-0.36	24.59	1.17	0.00	0.00	0.00
175 1.0 DL + 0.8 LL + 0.8 WLG1	-10.09	20.39	1.81	0.00	0.00	0.00
176 1.0 DL + 0.8 LL + 0.8 WLG2	-10.09	20.39	1.81	0.00	0.00	0.00
177 1.0 DL + 0.8 LL + 0.8 WLG3	-9.95	26.43	1.13	0.00	0.00	0.00
178 1.0 DL + 0.8 LL + 0.8 WLG4	-9.95	26.43	1.13	0.00	0.00	0.00
179 1.0 DL + 1.0 CL + 0.8 LL + 0.8 WLL1	-24.24	56.63	1.23	0.00	0.00	0.00
180 1.0 DL + 1.0 CL + 0.8 LL + 0.8 WLR1	-11.80	48.45	1.85	0.00	0.00	0.00
181 1.0 DL + 1.0 CL + 0.8 LL + 0.8 WLL2	-24.09	62.63	0.55	0.00	0.00	0.00
182 1.0 DL + 1.0 CL + 0.8 LL + 0.8 WLR2	-11.60	54.42	1.17	0.00	0.00	0.00
183 1.0 DL + 1.0 CL + 0.8 LL + 0.8 WLG1	-21.33	50.22	1.81	0.00	0.00	0.00
184 1.0 DL + 1.0 CL + 0.8 LL + 0.8 WLG2	-21.33	50.22	1.81	0.00	0.00	0.00
185 1.0 DL + 1.0 CL + 0.8 LL + 0.8 WLG3	-21.19	56.26	1.13	0.00	0.00	0.00
186 1.0 DL + 1.0 CL + 0.8 LL + 0.8 WLG4	-21.19	56.26	1.13	0.00	0.00	0.00



1	153	1.0 (DL+LL)	0.758	12.553	0	0	0	0
	154	1.0 (DL+CL+LL)	1.525	20.349	0	0	0	0
	155	1.0 (DL+EQ+X)	-1.688	3.152	-0.526	0	0	0
	156	1.0 (DL+EQ-X)	1.934	8.911	0	0	0	0
	157	1.0 (DL+EQ+Z)	0.124	6.105	0	0	0	0
	158	1.0 (DL+EQ-Z)	0.124	6.105	0	0	0	0
	159	1.00 DL + 1.0 CL + 0.8	-0.078	16.427	-0.421	0	0	0
	160	1.00 DL + 1.0 CL + 0.8	2.819	21.034	0	0	0	0
	161	1.00 DL + 1.0 CL + 0.8	1.371	18.79	0	0	0	0
	162	1.00 DL + 1.0 CL + 0.8	1.371	18.79	0	0	0	0
	163	1.0(DL+WLL1)	-4.946	-1.643	-1.278	0	0	0
	164	1.0(DL+WLR1)	4.277	4.606	-0.337	0	0	0
	165	1.0(DL+WLL2)	-7.142	1.089	-0.853	0	0	0
	166	1.0(DL+WLR2)	2.122	7.417	0	0	0	0
	167	1.0(DL+WLG1)	3.735	-0.565	-1.075	0	0	0
	168	1.0(DL+WLG2)	3.735	-0.565	-1.075	0	0	0
	169	1.0(DL+WLG3)	1.575	2.192	-0.645	0	0	0
	170	1.0(DL+WLG4)	1.575	2.192	-0.645	0	0	0
	171	1.0 DL + 0.8 LL + 0.8 V	-3.425	5.065	-1.023	0	0	0
	172	1.0 DL + 0.8 LL + 0.8 V	3.954	10.064	-0.27	0	0	0
	173	1.0 DL + 0.8 LL + 0.8 V	-5.182	7.251	-0.682	0	0	0
	174	1.0 DL + 0.8 LL + 0.8 V	2.23	12.313	0	0	0	0
	175	1.0 DL + 0.8 LL + 0.8 V	3.52	5.927	-0.86	0	0	0
	176	1.0 DL + 0.8 LL + 0.8 V	3.52	5.927	-0.86	0	0	0
	177	1.0 DL + 0.8 LL + 0.8 V	1.792	8.133	-0.516	0	0	0
	178	1.0 DL + 0.8 LL + 0.8 V	1.792	8.133	-0.516	0	0	0
	179	1.0 DL + 1.0 CL + 0.8 L	-2.685	12.592	-1.023	0	0	0
	180	1.0 DL + 1.0 CL + 0.8 L	4.694	17.59	-0.27	0	0	0

181	1.0 DL + 1.0 CL + 0.8 LI	-4.442	14.777	-0.682	0	0	0
182	1.0 DL + 1.0 CL + 0.8 L	2.97	19.84	0	0	0	0
183	1.0 DL + 1.0 CL + 0.8 L	4.26	13.454	-0.86	0	0	0
184	1.0 DL + 1.0 CL + 0.8 L	4.26	13.454	-0.86	0	0	0
185	1.0 DL + 1.0 CL + 0.8 L	2.532	15.66	-0.516	0	0	0
186	1.0 DL + 1.0 CL + 0.8 L	2.532	15.66	-0.516	0	0	0

27	153	1.0 (DL+LL)	-7.634	33.555	0	0	0	0
	154	1.0 (DL+CL+LL)	-14.128	58.97	0	0	0	0
	155	1.0 (DL+EQ+X)	-3.623	13.638	0	0	0	0
	156	1.0 (DL+EQ-X)	-0.899	11.301	-0.295	0	0	0
	157	1.0 (DL+EQ+Z)	-2.262	12.534	0	0	0	0
	158	1.0 (DL+EQ-Z)	-2.262	12.534	0	0	0	0
	159	1.00 DL + 1.0 CL + 0.8	-13.918	54.769	0	0	0	0
	160	1.00 DL + 1.0 CL + 0.8	-11.739	52.901	-0.236	0	0	0
	161	1.00 DL + 1.0 CL + 0.8	-12.829	53.887	0	0	0	0
	162	1.00 DL + 1.0 CL + 0.8	-12.829	53.887	0	0	0	0
	163	1.0(DL+WLL1)	-3.558	1.784	-1.035	0	0	0
	164	1.0(DL+WLR1)	6.055	-4.009	-1.958	0	0	0
	165	1.0(DL+WLL2)	-2.532	7.808	-0.382	0	0	0
	166	1.0(DL+WLR2)	7.121	2.008	-1.307	0	0	0
	167	1.0(DL+WLG1)	-2.657	-3.54	-1.748	0	0	0
	168	1.0(DL+WLG2)	-2.657	-3.54	-1.748	0	0	0
	169	1.0(DL+WLG3)	-1.641	2.541	-1.09	0	0	0
	170	1.0(DL+WLG4)	-1.641	2.541	-1.09	0	0	0
	171	1.0 DL + 0.8 LL + 0.8 V	-7.596	20.75	-0.828	0	0	0
	172	1.0 DL + 0.8 LL + 0.8 V	0.095	16.116	-1.566	0	0	0
	173	1.0 DL + 0.8 LL + 0.8 V	-6.775	25.57	-0.306	0	0	0
	174	1.0 DL + 0.8 LL + 0.8 V	0.947	20.929	-1.046	0	0	0
	175	1.0 DL + 0.8 LL + 0.8 V	-6.875	16.491	-1.399	0	0	0
	176	1.0 DL + 0.8 LL + 0.8 V	-6.875	16.491	-1.399	0	0	0
	177	1.0 DL + 0.8 LL + 0.8 V	-6.062	21.356	-0.872	0	0	0
	178	1.0 DL + 0.8 LL + 0.8 V	-6.062	21.356	-0.872	0	0	0
	179	1.0 DL + 1.0 CL + 0.8 L	-13.866	45.287	-0.828	0	0	0
	180	1.0 DL + 1.0 CL + 0.8 L	-6.175	40.652	-1.566	0	0	0
	181	1.0 DL + 1.0 CL + 0.8 LI	-13.045	50.106	-0.306	0	0	0
	182	1.0 DL + 1.0 CL + 0.8 L	-5.322	45.465	-1.046	0	0	0
	183	1.0 DL + 1.0 CL + 0.8 L	-13.145	41.027	-1.399	0	0	0
	184	1.0 DL + 1.0 CL + 0.8 L	-13.145	41.027	-1.399	0	0	0
	185	1.0 DL + 1.0 CL + 0.8 L	-12.332	45.892	-0.872	0	0	0



51	153 1.0 (DL+LL)	1.701	17.15	0	0	0	0
	154 1.0 (DL+CL+LL)	3.257	28.725	0	0	0	0
	155 1.0 (DL+EQ+X)	-1.687	3.548	0.354	0	0	0
	156 1.0 (DL+EQ-X)	2.51	11.743	0	0	0	0
	157 1.0 (DL+EQ+Z)	0.413	7.577	0	0	0	0
	158 1.0 (DL+EQ-Z)	0.413	7.577	0	0	0	0
	159 1.00 DL + 1.0 CL + 0.8	1.266	23.187	0.283	0	0	0
	160 1.00 DL + 1.0 CL + 0.8	4.623	29.743	0	0	0	0
	161 1.00 DL + 1.0 CL + 0.8	2.946	26.41	0	0	0	0
	162 1.00 DL + 1.0 CL + 0.8	2.946	26.41	0	0	0	0
	163 1.0(DL+WLL1)	-5.221	-2.28	0.942	0	0	0
	164 1.0(DL+WLR1)	4.299	5.041	0.172	0	0	0
	165 1.0(DL+WLL2)	-7.267	1.018	0.607	0	0	0
	166 1.0(DL+WLR2)	2.297	8.304	0	0	0	0
	167 1.0(DL+WLG1)	3.591	-0.731	0.814	0	0	0
	168 1.0(DL+WLG2)	3.591	-0.731	0.814	0	0	0
	169 1.0(DL+WLG3)	1.584	2.605	0.476	0	0	0
	170 1.0(DL+WLG4)	1.584	2.605	0.476	0	0	0
	171 1.0 DL + 0.8 LL + 0.8 V	-3.064	7.35	0.753	0	0	0
	172 1.0 DL + 0.8 LL + 0.8 V	4.552	13.206	0.137	0	0	0
	173 1.0 DL + 0.8 LL + 0.8 V	-4.701	9.988	0.485	0	0	0
	174 1.0 DL + 0.8 LL + 0.8 V	2.95	15.817	0	0	0	0
	175 1.0 DL + 0.8 LL + 0.8 V	3.985	8.589	0.651	0	0	0
	176 1.0 DL + 0.8 LL + 0.8 V	3.985	8.589	0.651	0	0	0
	177 1.0 DL + 0.8 LL + 0.8 V	2.379	11.258	0.38	0	0	0
	178 1.0 DL + 0.8 LL + 0.8 V	2.379	11.258	0.38	0	0	0
	179 1.0 DL + 1.0 CL + 0.8 L	-1.562	18.524	0.753	0	0	0
	180 1.0 DL + 1.0 CL + 0.8 L	6.055	24.381	0.137	0	0	0
	181 1.0 DL + 1.0 CL + 0.8 L	-3.198	21.163	0.485	0	0	0
	182 1.0 DL + 1.0 CL + 0.8 L	4.453	26.992	0	0	0	0
	183 1.0 DL + 1.0 CL + 0.8 L	5.488	19.764	0.651	0	0	0
	184 1.0 DL + 1.0 CL + 0.8 L	5.488	19.764	0.651	0	0	0
	185 1.0 DL + 1.0 CL + 0.8 L	3.882	22.432	0.38	0	0	0
	186 1.0 DL + 1.0 CL + 0.8 L	3.882	22.432	0.38	0	0	0

83	153 1.0 (DL+LL)	12.178	61.628	0	0	0	0
	154 1.0 (DL+CL+LL)	22.307	109.975	0	0	0	0

155 1.0 (DL+EQ+X)	-1.682	22.074	0	0	0	0
156 1.0 (DL+EQ-X)	9.276	21.206	0	0	0	0
157 1.0 (DL+EQ+Z)	3.799	21.642	0	0	0	0
158 1.0 (DL+EQ-Z)	3.799	21.642	0	0	0	0
159 1.00 DL + 1.0 CL + 0.8	15.897	100.652	0	0	0	0
160 1.00 DL + 1.0 CL + 0.8	24.663	99.957	0	0	0	0
161 1.00 DL + 1.0 CL + 0.8	20.282	100.306	0	0	0	0
162 1.00 DL + 1.0 CL + 0.8	20.282	100.306	0	0	0	0
163 1.0(DL+WLL1)	-5.025	-5.702	0	0	0	0
164 1.0(DL+WLR1)	1.661	-3.439	0	0	0	0
165 1.0(DL+WLL2)	-2.995	3.991	0	0	0	0
166 1.0(DL+WLR2)	3.734	6.255	0	0	0	0
167 1.0(DL+WLG1)	-2.018	-5.968	0	0	0	0
168 1.0(DL+WLG2)	-2.018	-5.968	0	0	0	0
169 1.0(DL+WLG3)	0.06	3.852	0	0	0	0
170 1.0(DL+WLG4)	0.06	3.852	0	0	0	0
171 1.0 DL + 0.8 LL + 0.8 V	3.442	31.756	0	0	0	0
172 1.0 DL + 0.8 LL + 0.8 V	8.791	33.566	0	0	0	0
173 1.0 DL + 0.8 LL + 0.8 V	5.067	39.51	0	0	0	0
174 1.0 DL + 0.8 LL + 0.8 V	10.45	41.321	0	0	0	0
175 1.0 DL + 0.8 LL + 0.8 V	5.848	31.543	0	0	0	0
176 1.0 DL + 0.8 LL + 0.8 V	5.848	31.543	0	0	0	0
177 1.0 DL + 0.8 LL + 0.8 V	7.511	39.399	0	0	0	0
178 1.0 DL + 0.8 LL + 0.8 V	7.511	39.399	0	0	0	0
179 1.0 DL + 1.0 CL + 0.8 L	13.222	78.431	0	0	0	0
180 1.0 DL + 1.0 CL + 0.8 L	18.57	80.241	0	0	0	0
181 1.0 DL + 1.0 CL + 0.8 L	14.846	86.185	0	0	0	0
182 1.0 DL + 1.0 CL + 0.8 L	20.229	87.996	0	0	0	0
183 1.0 DL + 1.0 CL + 0.8 L	15.628	78.218	0	0	0	0
184 1.0 DL + 1.0 CL + 0.8 L	15.628	78.218	0	0	0	0
185 1.0 DL + 1.0 CL + 0.8 L	17.29	86.074	0	0	0	0
186 1.0 DL + 1.0 CL + 0.8 L	17.29	86.074	0	0	0	0

52 153 1.0 (DL+LL)	-12.529	37.753	0	0	0	0
154 1.0 (DL+CL+LL)	-23.111	65.849	0	0	0	0
155 1.0 (DL+EQ+X)	-7.264	17.537	0	0	0	0
156 1.0 (DL+EQ-X)	-0.286	11.621	0.139	0	0	0
157 1.0 (DL+EQ+Z)	-3.778	14.517	0	0	0	0
158 1.0 (DL+EQ-Z)	-3.778	14.517	0	0	0	0
159 1.00 DL + 1.0 CL + 0.8	-23.784	62.646	0	0	0	0
160 1.00 DL + 1.0 CL + 0.8	-18.201	57.913	0.111	0	0	0
161 1.00 DL + 1.0 CL + 0.8	-20.994	60.23	0	0	0	0
162 1.00 DL + 1.0 CL + 0.8	-20.994	60.23	0	0	0	0
163 1.0(DL+WLL1)	-5.075	3.587	1.393	0	0	0
164 1.0(DL+WLR1)	9.055	-5.712	2.101	0	0	0
165 1.0(DL+WLL2)	-4.905	10.394	0.621	0	0	0
166 1.0(DL+WLR2)	9.284	1.073	1.33	0	0	0
167 1.0(DL+WLG1)	-1.774	-3.699	2.059	0	0	0
168 1.0(DL+WLG2)	-1.774	-3.699	2.059	0	0	0
169 1.0(DL+WLG3)	-1.616	3.166	1.28	0	0	0
170 1.0(DL+WLG4)	-1.616	3.166	1.28	0	0	0
171 1.0 DL + 0.8 LL + 0.8 V	-11.817	24.363	1.114	0	0	0

172	1.0 DL + 0.8 LL + 0.8 V	-0.513	16.923	1.681	0	0	0
173	1.0 DL + 0.8 LL + 0.8 V	-11.681	29.808	0.497	0	0	0
174	1.0 DL + 0.8 LL + 0.8 V	-0.33	22.351	1.064	0	0	0
175	1.0 DL + 0.8 LL + 0.8 V	-9.176	18.534	1.648	0	0	0
176	1.0 DL + 0.8 LL + 0.8 V	-9.176	18.534	1.648	0	0	0
177	1.0 DL + 0.8 LL + 0.8 V	-9.049	24.026	1.024	0	0	0
178	1.0 DL + 0.8 LL + 0.8 V	-9.049	24.026	1.024	0	0	0
179	1.0 DL + 1.0 CL + 0.8 L	-22.033	51.486	1.114	0	0	0
180	1.0 DL + 1.0 CL + 0.8 L	-10.728	44.047	1.681	0	0	0
181	1.0 DL + 1.0 CL + 0.8 L	-21.897	56.932	0.497	0	0	0
182	1.0 DL + 1.0 CL + 0.8 L	-10.545	49.475	1.064	0	0	0
183	1.0 DL + 1.0 CL + 0.8 L	-19.392	45.657	1.648	0	0	0
184	1.0 DL + 1.0 CL + 0.8 L	-19.392	45.657	1.648	0	0	0
185	1.0 DL + 1.0 CL + 0.8 L	-19.265	51.149	1.024	0	0	0
186	1.0 DL + 1.0 CL + 0.8 L	-19.265	51.149	1.024	0	0	0