



Company :  
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 Job Number :  
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**Member Point Loads (BLC 23 : Antenna Wi (240 Deg)) (Continued)**

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
9	MP1A	Mx	0.016	1.5
10	MP1A	X	-18.534	6.5
11	MP1A	Z	10.701	6.5
12	MP1A	Mx	0.016	6.5
13	MP2A	X	-6.45	3
14	MP2A	Z	3.724	3
15	MP2A	Mx	0.003	3
16	MP2A	X	-6.45	5
17	MP2A	Z	3.724	5
18	MP2A	Mx	0.003	5
19	MP2A	X	-11.285	1
20	MP2A	Z	6.515	1
21	MP2A	Mx	-0.006	1
22	MP1A	X	-9.182	1
23	MP1A	Z	5.301	1
24	MP1A	Mx	-0.005	1
25	OVP	X	-19.497	1
26	OVP	Z	11.257	1
27	OVP	Mx	0	1
28	MP3A	X	-7.057	4
29	MP3A	Z	4.074	4
30	MP3A	Mx	-0.004	4

**Member Point Loads (BLC 24 : Antenna Wi (270 Deg))**

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
1	MP1A	X	-19.363	1.5
2	MP1A	Z	0	1.5
3	MP1A	Mx	0.01	1.5
4	MP1A	X	-19.363	6.5
5	MP1A	Z	0	6.5
6	MP1A	Mx	0.01	6.5
7	MP1A	X	-19.363	1.5
8	MP1A	Z	0	1.5
9	MP1A	Mx	0.01	1.5
10	MP1A	X	-19.363	6.5
11	MP1A	Z	0	6.5
12	MP1A	Mx	0.01	6.5
13	MP2A	X	-5.553	3
14	MP2A	Z	0	3
15	MP2A	Mx	0.003	3
16	MP2A	X	-5.553	5
17	MP2A	Z	0	5
18	MP2A	Mx	0.003	5
19	MP2A	X	-10.084	1
20	MP2A	Z	0	1
21	MP2A	Mx	-0.005	1
22	MP1A	X	-9.612	1
23	MP1A	Z	0	1
24	MP1A	Mx	-0.005	1
25	OVP	X	-25.365	1
26	OVP	Z	0	1
27	OVP	Mx	0	1
28	MP3A	X	-10.311	4
29	MP3A	Z	0	4
30	MP3A	Mx	-0.003	4

**Member Point Loads (BLC 25 : Antenna Wi (300 Deg))**

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
1	MP1A	X	-18.534	1.5
2	MP1A	Z	-10.701	1.5
3	MP1A	Mx	0.016	1.5
4	MP1A	X	-18.534	6.5
5	MP1A	Z	-10.701	6.5
6	MP1A	Mx	0.016	6.5
7	MP1A	X	-18.534	1.5
8	MP1A	Z	-10.701	1.5
9	MP1A	Mx	0.002	1.5
10	MP1A	X	-18.534	6.5
11	MP1A	Z	-10.701	6.5
12	MP1A	Mx	0.002	6.5
13	MP2A	X	-6.45	3
14	MP2A	Z	-3.724	3
15	MP2A	Mx	0.003	3
16	MP2A	X	-6.45	5
17	MP2A	Z	-3.724	5
18	MP2A	Mx	0.003	5
19	MP2A	X	-11.285	1
20	MP2A	Z	-6.515	1
21	MP2A	Mx	-0.006	1
22	MP1A	X	-9.182	1
23	MP1A	Z	-5.301	1
24	MP1A	Mx	-0.005	1
25	OVP	X	-23.98	1
26	OVP	Z	-13.845	1
27	OVP	Mx	0	1
28	MP3A	X	-10.456	4
29	MP3A	Z	-6.037	4
30	MP3A	Mx	-0.001	4

**Member Point Loads (BLC 26 : Antenna Wi (330 Deg))**

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
1	MP1A	X	-12.739	1.5
2	MP1A	Z	-22.064	1.5
3	MP1A	Mx	0.021	1.5
4	MP1A	X	-12.739	6.5
5	MP1A	Z	-22.064	6.5
6	MP1A	Mx	0.021	6.5
7	MP1A	X	-12.739	1.5
8	MP1A	Z	-22.064	1.5
9	MP1A	Mx	-0.008	1.5
10	MP1A	X	-12.739	6.5
11	MP1A	Z	-22.064	6.5
12	MP1A	Mx	-0.008	6.5
13	MP2A	X	-5.619	3
14	MP2A	Z	-9.732	3
15	MP2A	Mx	0.003	3
16	MP2A	X	-5.619	5
17	MP2A	Z	-9.732	5
18	MP2A	Mx	0.003	5
19	MP2A	X	-9.462	1
20	MP2A	Z	-16.389	1
21	MP2A	Mx	-0.005	1



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**Member Point Loads (BLC 26 : Antenna Wi (330 Deg)) (Continued)**

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
22	MP1A	X	-6.291	1
23	MP1A	Z	-10.897	1
24	MP1A	Mx	-0.003	1
25	OVP	X	-13.581	1
26	OVP	Z	-23.524	1
27	OVP	Mx	0	1
28	MP3A	X	-5.837	4
29	MP3A	Z	-10.11	4
30	MP3A	Mx	0.002	4

**Member Point Loads (BLC 27 : Antenna Wm (0 Deg))**

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
1	MP1A	X	0	1.5
2	MP1A	Z	-5.99	1.5
3	MP1A	Mx	0.004	1.5
4	MP1A	X	0	6.5
5	MP1A	Z	-5.99	6.5
6	MP1A	Mx	0.004	6.5
7	MP1A	X	0	1.5
8	MP1A	Z	-5.99	1.5
9	MP1A	Mx	-0.004	1.5
10	MP1A	X	0	6.5
11	MP1A	Z	-5.99	6.5
12	MP1A	Mx	-0.004	6.5
13	MP2A	X	0	3
14	MP2A	Z	-3.442	3
15	MP2A	Mx	0	3
16	MP2A	X	0	5
17	MP2A	Z	-3.442	5
18	MP2A	Mx	0	5
19	MP2A	X	0	1
20	MP2A	Z	-6.84	1
21	MP2A	Mx	0	1
22	MP1A	X	0	1
23	MP1A	Z	-4.073	1
24	MP1A	Mx	0	1
25	OVP	X	0	1
26	OVP	Z	-5.934	1
27	OVP	Mx	0	1
28	MP3A	X	0	4
29	MP3A	Z	-2.705	4
30	MP3A	Mx	0.001	4

**Member Point Loads (BLC 28 : Antenna Wm (30 Deg))**

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
1	MP1A	X	2.6	1.5
2	MP1A	Z	-4.504	1.5
3	MP1A	Mx	0.002	1.5
4	MP1A	X	2.6	6.5
5	MP1A	Z	-4.504	6.5
6	MP1A	Mx	0.002	6.5
7	MP1A	X	2.6	1.5
8	MP1A	Z	-4.504	1.5

**Member Point Loads (BLC 28 : Antenna Wm (30 Deg)) (Continued)**

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
9	MP1A	Mx	-0.004	1.5
10	MP1A	X	2.6	6.5
11	MP1A	Z	-4.504	6.5
12	MP1A	Mx	-0.004	6.5
13	MP2A	X	1.442	3
14	MP2A	Z	-2.497	3
15	MP2A	Mx	-0.000721	3
16	MP2A	X	1.442	5
17	MP2A	Z	-2.497	5
18	MP2A	Mx	-0.000721	5
19	MP2A	X	2.928	1
20	MP2A	Z	-5.071	1
21	MP2A	Mx	0.001	1
22	MP1A	X	1.875	1
23	MP1A	Z	-3.247	1
24	MP1A	Mx	0.000938	1
25	OVP	X	2.65	1
26	OVP	Z	-4.589	1
27	OVP	Mx	0	1
28	MP3A	X	1.069	4
29	MP3A	Z	-1.852	4
30	MP3A	Mx	0.001	4

**Member Point Loads (BLC 29 : Antenna Wm (60 Deg))**

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
1	MP1A	X	3.136	1.5
2	MP1A	Z	-1.811	1.5
3	MP1A	Mx	-0.000361	1.5
4	MP1A	X	3.136	6.5
5	MP1A	Z	-1.811	6.5
6	MP1A	Mx	-0.000361	6.5
7	MP1A	X	3.136	1.5
8	MP1A	Z	-1.811	1.5
9	MP1A	Mx	-0.003	1.5
10	MP1A	X	3.136	6.5
11	MP1A	Z	-1.811	6.5
12	MP1A	Mx	-0.003	6.5
13	MP2A	X	1.53	3
14	MP2A	Z	-0.884	3
15	MP2A	Mx	-0.000765	3
16	MP2A	X	1.53	5
17	MP2A	Z	-0.884	5
18	MP2A	Mx	-0.000765	5
19	MP2A	X	3.368	1
20	MP2A	Z	-1.944	1
21	MP2A	Mx	0.002	1
22	MP1A	X	2.686	1
23	MP1A	Z	-1.551	1
24	MP1A	Mx	0.001	1
25	OVP	X	4.714	1
26	OVP	Z	-2.722	1
27	OVP	Mx	0	1
28	MP3A	X	1.963	4
29	MP3A	Z	-1.134	4
30	MP3A	Mx	0.001	4



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**Member Point Loads (BLC 30 : Antenna Wm (90 Deg))**

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
1	MP1A	X	2.832	1.5
2	MP1A	Z	0	1.5
3	MP1A	Mx	-0.001	1.5
4	MP1A	X	2.832	6.5
5	MP1A	Z	0	6.5
6	MP1A	Mx	-0.001	6.5
7	MP1A	X	2.832	1.5
8	MP1A	Z	0	1.5
9	MP1A	Mx	-0.001	1.5
10	MP1A	X	2.832	6.5
11	MP1A	Z	0	6.5
12	MP1A	Mx	-0.001	6.5
13	MP2A	X	1.209	3
14	MP2A	Z	0	3
15	MP2A	Mx	-0.000604	3
16	MP2A	X	1.209	5
17	MP2A	Z	0	5
18	MP2A	Mx	-0.000604	5
19	MP2A	X	2.905	1
20	MP2A	Z	0	1
21	MP2A	Mx	0.001	1
22	MP1A	X	2.777	1
23	MP1A	Z	0	1
24	MP1A	Mx	0.001	1
25	OVP	X	6.221	1
26	OVP	Z	0	1
27	OVP	Mx	0	1
28	MP3A	X	2.962	4
29	MP3A	Z	0	4
30	MP3A	Mx	0.000952	4

**Member Point Loads (BLC 31 : Antenna Wm (120 Deg))**

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
1	MP1A	X	3.136	1.5
2	MP1A	Z	1.811	1.5
3	MP1A	Mx	-0.003	1.5
4	MP1A	X	3.136	6.5
5	MP1A	Z	1.811	6.5
6	MP1A	Mx	-0.003	6.5
7	MP1A	X	3.136	1.5
8	MP1A	Z	1.811	1.5
9	MP1A	Mx	-0.000361	1.5
10	MP1A	X	3.136	6.5
11	MP1A	Z	1.811	6.5
12	MP1A	Mx	-0.000361	6.5
13	MP2A	X	1.53	3
14	MP2A	Z	0.884	3
15	MP2A	Mx	-0.000765	3
16	MP2A	X	1.53	5
17	MP2A	Z	0.884	5
18	MP2A	Mx	-0.000765	5
19	MP2A	X	3.368	1
20	MP2A	Z	1.944	1
21	MP2A	Mx	0.002	1

**Member Point Loads (BLC 31 : Antenna Wm (120 Deg)) (Continued)**

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
22	MP1A	X	2.686	1
23	MP1A	Z	1.551	1
24	MP1A	Mx	0.001	1
25	OVP	X	5.937	1
26	OVP	Z	3.428	1
27	OVP	Mx	0	1
28	MP3A	X	3.055	4
29	MP3A	Z	1.764	4
30	MP3A	Mx	0.000306	4

**Member Point Loads (BLC 32 : Antenna Wm (150 Deg))**

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
1	MP1A	X	2.6	1.5
2	MP1A	Z	4.504	1.5
3	MP1A	Mx	-0.004	1.5
4	MP1A	X	2.6	6.5
5	MP1A	Z	4.504	6.5
6	MP1A	Mx	-0.004	6.5
7	MP1A	X	2.6	1.5
8	MP1A	Z	4.504	1.5
9	MP1A	Mx	0.002	1.5
10	MP1A	X	2.6	6.5
11	MP1A	Z	4.504	6.5
12	MP1A	Mx	0.002	6.5
13	MP2A	X	1.442	3
14	MP2A	Z	2.497	3
15	MP2A	Mx	-0.000721	3
16	MP2A	X	1.442	5
17	MP2A	Z	2.497	5
18	MP2A	Mx	-0.000721	5
19	MP2A	X	2.928	1
20	MP2A	Z	5.071	1
21	MP2A	Mx	0.001	1
22	MP1A	X	1.875	1
23	MP1A	Z	3.247	1
24	MP1A	Mx	0.000938	1
25	OVP	X	3.356	1
26	OVP	Z	5.812	1
27	OVP	Mx	0	1
28	MP3A	X	1.7	4
29	MP3A	Z	2.944	4
30	MP3A	Mx	-0.000581	4

**Member Point Loads (BLC 33 : Antenna Wm (180 Deg))**

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
1	MP1A	X	0	1.5
2	MP1A	Z	5.99	1.5
3	MP1A	Mx	-0.004	1.5
4	MP1A	X	0	6.5
5	MP1A	Z	5.99	6.5
6	MP1A	Mx	-0.004	6.5
7	MP1A	X	0	1.5
8	MP1A	Z	5.99	1.5



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**Member Point Loads (BLC 33 : Antenna Wm (180 Deg)) (Continued)**

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
9	MP1A	Mx	0.004	1.5
10	MP1A	X	0	6.5
11	MP1A	Z	5.99	6.5
12	MP1A	Mx	0.004	6.5
13	MP2A	X	0	3
14	MP2A	Z	3.442	3
15	MP2A	Mx	0	3
16	MP2A	X	0	5
17	MP2A	Z	3.442	5
18	MP2A	Mx	0	5
19	MP2A	X	0	1
20	MP2A	Z	6.84	1
21	MP2A	Mx	0	1
22	MP1A	X	0	1
23	MP1A	Z	4.073	1
24	MP1A	Mx	0	1
25	OVP	X	0	1
26	OVP	Z	5.934	1
27	OVP	Mx	0	1
28	MP3A	X	0	4
29	MP3A	Z	2.705	4
30	MP3A	Mx	-0.001	4

**Member Point Loads (BLC 34 : Antenna Wm (210 Deg))**

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
1	MP1A	X	-2.6	1.5
2	MP1A	Z	4.504	1.5
3	MP1A	Mx	-0.002	1.5
4	MP1A	X	-2.6	6.5
5	MP1A	Z	4.504	6.5
6	MP1A	Mx	-0.002	6.5
7	MP1A	X	-2.6	1.5
8	MP1A	Z	4.504	1.5
9	MP1A	Mx	0.004	1.5
10	MP1A	X	-2.6	6.5
11	MP1A	Z	4.504	6.5
12	MP1A	Mx	0.004	6.5
13	MP2A	X	-1.442	3
14	MP2A	Z	2.497	3
15	MP2A	Mx	0.000721	3
16	MP2A	X	-1.442	5
17	MP2A	Z	2.497	5
18	MP2A	Mx	0.000721	5
19	MP2A	X	-2.928	1
20	MP2A	Z	5.071	1
21	MP2A	Mx	-0.001	1
22	MP1A	X	-1.875	1
23	MP1A	Z	3.247	1
24	MP1A	Mx	-0.000938	1
25	OVP	X	-2.65	1
26	OVP	Z	4.589	1
27	OVP	Mx	0	1
28	MP3A	X	-1.069	4
29	MP3A	Z	1.852	4
30	MP3A	Mx	-0.001	4

**Member Point Loads (BLC 35 : Antenna Wm (240 Deg))**

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
1	MP1A	X	-3.136	1.5
2	MP1A	Z	1.811	1.5
3	MP1A	Mx	0.000361	1.5
4	MP1A	X	-3.136	6.5
5	MP1A	Z	1.811	6.5
6	MP1A	Mx	0.000361	6.5
7	MP1A	X	-3.136	1.5
8	MP1A	Z	1.811	1.5
9	MP1A	Mx	0.003	1.5
10	MP1A	X	-3.136	6.5
11	MP1A	Z	1.811	6.5
12	MP1A	Mx	0.003	6.5
13	MP2A	X	-1.53	3
14	MP2A	Z	0.884	3
15	MP2A	Mx	0.000765	3
16	MP2A	X	-1.53	5
17	MP2A	Z	0.884	5
18	MP2A	Mx	0.000765	5
19	MP2A	X	-3.368	1
20	MP2A	Z	1.944	1
21	MP2A	Mx	-0.002	1
22	MP1A	X	-2.686	1
23	MP1A	Z	1.551	1
24	MP1A	Mx	-0.001	1
25	OVP	X	-4.714	1
26	OVP	Z	2.722	1
27	OVP	Mx	0	1
28	MP3A	X	-1.963	4
29	MP3A	Z	1.134	4
30	MP3A	Mx	-0.001	4

**Member Point Loads (BLC 36 : Antenna Wm (270 Deg))**

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
1	MP1A	X	-2.832	1.5
2	MP1A	Z	0	1.5
3	MP1A	Mx	0.001	1.5
4	MP1A	X	-2.832	6.5
5	MP1A	Z	0	6.5
6	MP1A	Mx	0.001	6.5
7	MP1A	X	-2.832	1.5
8	MP1A	Z	0	1.5
9	MP1A	Mx	0.001	1.5
10	MP1A	X	-2.832	6.5
11	MP1A	Z	0	6.5
12	MP1A	Mx	0.001	6.5
13	MP2A	X	-1.209	3
14	MP2A	Z	0	3
15	MP2A	Mx	0.000604	3
16	MP2A	X	-1.209	5
17	MP2A	Z	0	5
18	MP2A	Mx	0.000604	5
19	MP2A	X	-2.905	1
20	MP2A	Z	0	1
21	MP2A	Mx	-0.001	1

**Member Point Loads (BLC 36 : Antenna Wm (270 Deg)) (Continued)**

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
22	MP1A	X	-2.777	1
23	MP1A	Z	0	1
24	MP1A	Mx	-0.001	1
25	OVP	X	-6.221	1
26	OVP	Z	0	1
27	OVP	Mx	0	1
28	MP3A	X	-2.962	4
29	MP3A	Z	0	4
30	MP3A	Mx	-0.000952	4

**Member Point Loads (BLC 37 : Antenna Wm (300 Deg))**

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
1	MP1A	X	-3.136	1.5
2	MP1A	Z	-1.811	1.5
3	MP1A	Mx	0.003	1.5
4	MP1A	X	-3.136	6.5
5	MP1A	Z	-1.811	6.5
6	MP1A	Mx	0.003	6.5
7	MP1A	X	-3.136	1.5
8	MP1A	Z	-1.811	1.5
9	MP1A	Mx	0.000361	1.5
10	MP1A	X	-3.136	6.5
11	MP1A	Z	-1.811	6.5
12	MP1A	Mx	0.000361	6.5
13	MP2A	X	-1.53	3
14	MP2A	Z	-0.884	3
15	MP2A	Mx	0.000765	3
16	MP2A	X	-1.53	5
17	MP2A	Z	-0.884	5
18	MP2A	Mx	0.000765	5
19	MP2A	X	-3.368	1
20	MP2A	Z	-1.944	1
21	MP2A	Mx	-0.002	1
22	MP1A	X	-2.686	1
23	MP1A	Z	-1.551	1
24	MP1A	Mx	-0.001	1
25	OVP	X	-5.937	1
26	OVP	Z	-3.428	1
27	OVP	Mx	0	1
28	MP3A	X	-3.055	4
29	MP3A	Z	-1.764	4
30	MP3A	Mx	-0.000306	4

**Member Point Loads (BLC 38 : Antenna Wm (330 Deg))**

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
1	MP1A	X	-2.6	1.5
2	MP1A	Z	-4.504	1.5
3	MP1A	Mx	0.004	1.5
4	MP1A	X	-2.6	6.5
5	MP1A	Z	-4.504	6.5
6	MP1A	Mx	0.004	6.5
7	MP1A	X	-2.6	1.5
8	MP1A	Z	-4.504	1.5



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**Member Point Loads (BLC 38 : Antenna Wm (330 Deg)) (Continued)**

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
9	MP1A	Mx	-0.002	1.5
10	MP1A	X	-2.6	6.5
11	MP1A	Z	-4.504	6.5
12	MP1A	Mx	-0.002	6.5
13	MP2A	X	-1.442	3
14	MP2A	Z	-2.497	3
15	MP2A	Mx	0.000721	3
16	MP2A	X	-1.442	5
17	MP2A	Z	-2.497	5
18	MP2A	Mx	0.000721	5
19	MP2A	X	-2.928	1
20	MP2A	Z	-5.071	1
21	MP2A	Mx	-0.001	1
22	MP1A	X	-1.875	1
23	MP1A	Z	-3.247	1
24	MP1A	Mx	-0.000938	1
25	OVP	X	-3.356	1
26	OVP	Z	-5.812	1
27	OVP	Mx	0	1
28	MP3A	X	-1.7	4
29	MP3A	Z	-2.944	4
30	MP3A	Mx	0.000581	4

**Member Point Loads (BLC 77 : Lm1)**

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
1	LM1	Y	-500	0

**Member Point Loads (BLC 78 : Lm2)**

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
1	LM2	Y	-500	0

**Member Point Loads (BLC 79 : Lv1)**

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
1	M45	Y	-250	%50

**Member Point Loads (BLC 80 : Lv2)**

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
1	M45	Y	-250	0

**Member Point Loads (BLC 81 : Antenna Ev)**

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
1	MP1A	Y	-1.415	1.5
2	MP1A	My	-0.000708	1.5
3	MP1A	Mz	-0.000943	1.5
4	MP1A	Y	-1.415	6.5
5	MP1A	My	-0.000708	6.5
6	MP1A	Mz	-0.000943	6.5
7	MP1A	Y	-1.415	1.5
8	MP1A	My	-0.000708	1.5



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**Member Point Loads (BLC 81 : Antenna Ev) (Continued)**

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
9	MP1A	Mz	0.000943	1.5
10	MP1A	Y	-1.415	6.5
11	MP1A	My	-0.000708	6.5
12	MP1A	Mz	0.000943	6.5
13	MP2A	Y	-1.21	3
14	MP2A	My	-0.000605	3
15	MP2A	Mz	0	3
16	MP2A	Y	-1.21	5
17	MP2A	My	-0.000605	5
18	MP2A	Mz	0	5
19	MP2A	Y	-3.713	1
20	MP2A	My	0.002	1
21	MP2A	Mz	0	1
22	MP1A	Y	-3.341	1
23	MP1A	My	0.002	1
24	MP1A	Mz	0	1
25	OVP	Y	-1.352	1
26	OVP	My	0	1
27	OVP	Mz	0	1
28	MP3A	Y	-0.672	4
29	MP3A	My	0.000216	4
30	MP3A	Mz	-0.000257	4

**Member Point Loads (BLC 82 : Antenna Eh (0 Deg))**

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
1	MP1A	Z	-3.538	1.5
2	MP1A	Mx	0.002	1.5
3	MP1A	Z	-3.538	6.5
4	MP1A	Mx	0.002	6.5
5	MP1A	Z	-3.538	1.5
6	MP1A	Mx	-0.002	1.5
7	MP1A	Z	-3.538	6.5
8	MP1A	Mx	-0.002	6.5
9	MP2A	Z	-3.025	3
10	MP2A	Mx	0	3
11	MP2A	Z	-3.025	5
12	MP2A	Mx	0	5
13	MP2A	Z	-9.282	1
14	MP2A	Mx	0	1
15	MP1A	Z	-8.353	1
16	MP1A	Mx	0	1
17	OVP	Z	-3.379	1
18	OVP	Mx	0	1
19	MP3A	Z	-1.679	4
20	MP3A	Mx	0.000643	4

**Member Point Loads (BLC 83 : Antenna Eh (90 Deg))**

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
1	MP1A	X	3.538	1.5
2	MP1A	Mx	-0.002	1.5
3	MP1A	X	3.538	6.5
4	MP1A	Mx	-0.002	6.5
5	MP1A	X	3.538	1.5

**Member Point Loads (BLC 83 : Antenna Eh (90 Deg)) (Continued)**

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
6	MP1A	Mx	-0.002	1.5
7	MP1A	X	3.538	6.5
8	MP1A	Mx	-0.002	6.5
9	MP2A	X	3.025	3
10	MP2A	Mx	-0.002	3
11	MP2A	X	3.025	5
12	MP2A	Mx	-0.002	5
13	MP2A	X	9.282	1
14	MP2A	Mx	0.005	1
15	MP1A	X	8.353	1
16	MP1A	Mx	0.004	1
17	OVP	X	3.379	1
18	OVP	Mx	0	1
19	MP3A	X	1.679	4
20	MP3A	Mx	0.00054	4

**Member Area Loads**

No Data to Print...													
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**Envelope Node Reactions**

	Node Label		X [lb]	LC	Y [lb]	LC	Z [lb]	LC	MX [k-ft]	LC	MY [k-ft]	LC	MZ [k-ft]	LC
1	N6	max	219.093	50	1067.277	22	357.956	1	-0.487	70	0	75	0.427	26
2		min	-1390.086	29	364.962	69	-2011.186	19	-1.44	13	0	1	-0.088	50
3	N5	max	1371.527	35	1088.65	16	1954.416	14	-0.508	72	0	75	0.425	26
4		min	-219.003	50	374.237	75	-29.953	8	-1.49	14	0	1	-0.088	50
5	N103	max	423.442	9	82.685	21	522.417	8	0	75	0	75	0	75
6		min	-426.213	3	31.417	66	-527.405	2	0	1	0	1	0	1
7	Totals:	max	1085.041	9	2235.231	14	1673.312	1						
8		min	-1085.041	3	772.051	71	-1673.306	7						

**Node Reactions**

	LC	Node Label	X [lb]	Y [lb]	Z [lb]	MX [k-ft]	MY [k-ft]	MZ [k-ft]
1	1	N6	-248.73	517.449	357.956	-0.737	0	0.141
2	1	N5	449.16	518.777	1597.755	-0.739	0	0.14
3	1	N103	-200.406	43.871	-282.398	0	0	0
4	1	Totals:	0.024	1080.097	1673.312			
5	1	COG (ft):	X: 0.786	Y: -1.141	Z: 2.956			
6	2	N6	-642.861	512.24	206.146	-0.731	0	0.185
7	2	N5	274.704	524.166	1669.036	-0.749	0	0.184
8	2	N103	-409.924	43.691	-527.405	0	0	0
9	2	Totals:	-778.081	1080.097	1347.777			
10	2	COG (ft):	X: 0.786	Y: -1.141	Z: 2.956			
11	3	N6	-814.929	508.763	-262.682	-0.71	0	0.177
12	3	N5	156.102	527.621	1404.401	-0.743	0	0.177
13	3	N103	-426.213	43.712	-515.217	0	0	0
14	3	Totals:	-1085.041	1080.096	626.502			
15	3	COG (ft):	X: 0.786	Y: -1.141	Z: 2.956			
16	4	N6	-840.797	507.292	-666.611	-0.693	0	0.16
17	4	N5	129.133	529.028	1128.582	-0.732	0	0.16
18	4	N103	-355	43.776	-461.94	0	0	0
19	4	Totals:	-1066.664	1080.095	0.03			
20	4	COG (ft):	X: 0.786	Y: -1.141	Z: 2.956			
21	5	N6	-871.693	505.181	-1069.556	-0.676	0	0.151

**Node Reactions (Continued)**

	LC	Node Label	X [lb]	Y [lb]	Z [lb]	MX [k-ft]	MY [k-ft]	MZ [k-ft]
22	5	N5	117.64	531.097	877.591	-0.724	0	0.15
23	5	N103	-271.087	43.816	-399.881	0	0	0
24	5	Totals:	-1025.139	1080.094	-591.846			
25	5	COG (ft):	X: 0.786	Y: -1.141	Z: 2.956			
26	6	N6	-776.143	503.766	-1618.373	-0.653	0	0.112
27	6	N5	122.072	532.397	466.677	-0.709	0	0.112
28	6	N103	-89.453	43.93	-136.115	0	0	0
29	6	Totals:	-743.524	1080.093	-1287.811			
30	6	COG (ft):	X: 0.786	Y: -1.141	Z: 2.956			
31	7	N6	-420.433	506.668	-1993.144	-0.637	0	0.041
32	7	N5	224.396	529.481	42.872	-0.687	0	0.041
33	7	N103	196.014	43.941	276.967	0	0	0
34	7	Totals:	-0.023	1080.091	-1673.306			
35	7	COG (ft):	X: 0.786	Y: -1.141	Z: 2.956			
36	8	N6	-24.536	512.185	-1840.234	-0.643	0	-0.003
37	8	N5	398.547	524.081	-29.953	-0.676	0	-0.003
38	8	N103	404.07	43.825	522.417	0	0	0
39	8	Totals:	778.081	1080.091	-1347.77			
40	8	COG (ft):	X: 0.786	Y: -1.141	Z: 2.956			
41	9	N6	146.052	515.517	-1373.283	-0.663	0	0.004
42	9	N5	515.548	520.738	232.493	-0.683	0	0.004
43	9	N103	423.442	43.836	514.294	0	0	0
44	9	Totals:	1085.041	1080.092	-626.496			
45	9	COG (ft):	X: 0.786	Y: -1.141	Z: 2.956			
46	10	N6	170.678	516.826	-970.59	-0.68	0	0.021
47	10	N5	541.844	519.388	507.905	-0.693	0	0.021
48	10	N103	354.143	43.879	462.661	0	0	0
49	10	Totals:	1066.665	1080.093	-0.024			
50	10	COG (ft):	X: 0.786	Y: -1.141	Z: 2.956			
51	11	N6	200.962	518.874	-568.204	-0.697	0	0.03
52	11	N5	552.835	517.317	758.495	-0.701	0	0.03
53	11	N103	271.343	43.903	401.561	0	0	0
54	11	Totals:	1025.14	1080.094	591.853			
55	11	COG (ft):	X: 0.786	Y: -1.141	Z: 2.956			
56	12	N6	104.921	520.164	-19.285	-0.72	0	0.069
57	12	N5	549.174	515.972	1170.959	-0.717	0	0.069
58	12	N103	89.43	43.96	136.143	0	0	0
59	12	Totals:	743.525	1080.095	1287.817			
60	12	COG (ft):	X: 0.786	Y: -1.141	Z: 2.956			
61	13	N6	-668.876	1066.098	-1379.661	-1.44	0	0.18
62	13	N5	717.593	1086.488	1927.783	-1.486	0	0.179
63	13	N103	-48.71	82.645	-67.719	0	0	0
64	13	Totals:	0.007	2235.231	480.404			
65	13	COG (ft):	X: 0.811	Y: -1.267	Z: 2.946			
66	14	N6	-777.147	1064.869	-1409.642	-1.44	0	0.191
67	14	N5	660.973	1087.746	1954.416	-1.49	0	0.191
68	14	N103	-114.047	82.616	-145.987	0	0	0
69	14	Totals:	-230.22	2235.231	398.787			
70	14	COG (ft):	X: 0.811	Y: -1.267	Z: 2.946			
71	15	N6	-832.279	1064.112	-1526.327	-1.435	0	0.192
72	15	N5	621.106	1088.506	1886.713	-1.488	0	0.191
73	15	N103	-131.886	82.612	-162.297	0	0	0
74	15	Totals:	-343.058	2235.231	198.089			
75	15	COG (ft):	X: 0.811	Y: -1.267	Z: 2.946			
76	16	N6	-845.741	1063.96	-1645.263	-1.43	0	0.188

**Node Reactions (Continued)**

	LC	Node Label	X [lb]	Y [lb]	Z [lb]	MX [k-ft]	MY [k-ft]	MZ [k-ft]
77	16	N5	608.234	1088.65	1796.585	-1.484	0	0.188
78	16	N103	-114.239	82.62	-151.306	0	0	0
79	16	Totals:	-351.745	2235.23	0.016			
80	16	COG (ft):	X: 0.811	Y: -1.267	Z: 2.946			
81	17	N6	-846.596	1063.972	-1767.593	-1.426	0	0.185
82	17	N5	607.524	1088.627	1704.242	-1.48	0	0.184
83	17	N103	-82.811	82.63	-122.479	0	0	0
84	17	Totals:	-321.883	2235.23	-185.829			
85	17	COG (ft):	X: 0.811	Y: -1.267	Z: 2.946			
86	18	N6	-808.3	1064.22	-1913.634	-1.42	0	0.175
87	18	N5	619.701	1088.357	1580.802	-1.474	0	0.175
88	18	N103	-29.402	82.653	-44.748	0	0	0
89	18	Totals:	-218.002	2235.23	-377.58			
90	18	COG (ft):	X: 0.811	Y: -1.267	Z: 2.946			
91	19	N6	-708.356	1065.133	-2011.186	-1.416	0	0.158
92	19	N5	659.788	1087.421	1463.221	-1.468	0	0.158
93	19	N103	48.562	82.676	67.576	0	0	0
94	19	Totals:	-0.006	2235.229	-480.389			
95	19	COG (ft):	X: 0.811	Y: -1.267	Z: 2.946			
96	20	N6	-599.935	1066.383	-1981.106	-1.417	0	0.146
97	20	N5	716.421	1086.162	1436.51	-1.465	0	0.146
98	20	N103	113.734	82.684	145.824	0	0	0
99	20	Totals:	230.221	2235.229	-398.773			
100	20	COG (ft):	X: 0.811	Y: -1.267	Z: 2.946			
101	21	N6	-544.875	1067.136	-1864.539	-1.421	0	0.146
102	21	N5	756.158	1085.409	1504.006	-1.467	0	0.146
103	21	N103	131.776	82.685	162.458	0	0	0
104	21	Totals:	343.06	2235.23	-198.075			
105	21	COG (ft):	X: 0.811	Y: -1.267	Z: 2.946			
106	22	N6	-531.517	1067.277	-1745.71	-1.426	0	0.149
107	22	N5	768.947	1085.269	1594.064	-1.47	0	0.149
108	22	N103	114.316	82.684	151.644	0	0	0
109	22	Totals:	351.747	2235.23	-0.002			
110	22	COG (ft):	X: 0.811	Y: -1.267	Z: 2.946			
111	23	N6	-530.73	1067.258	-1623.43	-1.431	0	0.153
112	23	N5	769.622	1085.291	1686.397	-1.475	0	0.153
113	23	N103	82.993	82.681	122.876	0	0	0
114	23	Totals:	321.884	2235.23	185.844			
115	23	COG (ft):	X: 0.811	Y: -1.267	Z: 2.946			
116	24	N6	-569.069	1067	-1477.38	-1.436	0	0.163
117	24	N5	757.508	1085.559	1809.972	-1.48	0	0.163
118	24	N103	29.564	82.672	45.001	0	0	0
119	24	Totals:	218.003	2235.23	377.594			
120	24	COG (ft):	X: 0.811	Y: -1.267	Z: 2.946			
121	25	N6	-1354.364	891.375	-1398.737	-1.2	0	0.424
122	25	N5	1365.435	894.777	1510.71	-1.214	0	0.423
123	25	N103	-11.068	43.941	-15.58	0	0	0
124	25	Totals:	0.003	1830.093	96.393			
125	25	COG (ft):	X: 2.923	Y: -2.108	Z: 3.247			
126	26	N6	-1377.063	891.108	-1407.391	-1.2	0	0.427
127	26	N5	1355.333	895.06	1514.723	-1.215	0	0.425
128	26	N103	-23.086	43.924	-29.691	0	0	0
129	26	Totals:	-44.816	1830.093	77.641			
130	26	COG (ft):	X: 2.923	Y: -2.108	Z: 3.247			
131	27	N6	-1386.904	890.919	-1434.359	-1.199	0	0.426



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**Node Reactions (Continued)**

	LC	Node Label	X [lb]	Y [lb]	Z [lb]	MX [k-ft]	MY [k-ft]	MZ [k-ft]
132	27	N5	1348.511	895.248	1499.549	-1.214	0	0.425
133	27	N103	-24.103	43.925	-29.091	0	0	0
134	27	Totals:	-62.496	1830.092	36.099			
135	27	COG (ft):	X: 2.923	Y: -2.108	Z: 3.247			
136	28	N6	-1388.346	890.835	-1457.649	-1.198	0	0.425
137	28	N5	1346.957	895.326	1483.724	-1.214	0	0.424
138	28	N103	-20.051	43.931	-26.063	0	0	0
139	28	Totals:	-61.44	1830.092	0.011			
140	28	COG (ft):	X: 2.923	Y: -2.108	Z: 3.247			
141	29	N6	-1390.086	890.717	-1480.88	-1.197	0	0.425
142	29	N5	1346.283	895.44	1469.302	-1.213	0	0.423
143	29	N103	-15.243	43.935	-22.506	0	0	0
144	29	Totals:	-59.046	1830.092	-34.084			
145	29	COG (ft):	X: 2.923	Y: -2.108	Z: 3.247			
146	30	N6	-1384.563	890.618	-1512.59	-1.196	0	0.423
147	30	N5	1346.509	895.523	1445.687	-1.212	0	0.421
148	30	N103	-4.773	43.951	-7.265	0	0	0
149	30	Totals:	-42.826	1830.092	-74.168			
150	30	COG (ft):	X: 2.923	Y: -2.108	Z: 3.247			
151	31	N6	-1364.164	890.729	-1534.426	-1.195	0	0.419
152	31	N5	1352.384	895.386	1421.385	-1.211	0	0.417
153	31	N103	11.78	43.977	16.667	0	0	0
154	31	Totals:	0	1830.092	-96.374			
155	31	COG (ft):	X: 2.923	Y: -2.108	Z: 3.247			
156	32	N6	-1341.459	890.997	-1525.769	-1.195	0	0.416
157	32	N5	1362.485	895.102	1417.368	-1.21	0	0.415
158	32	N103	23.793	43.993	30.78	0	0	0
159	32	Totals:	44.819	1830.092	-77.622			
160	32	COG (ft):	X: 2.923	Y: -2.108	Z: 3.247			
161	33	N6	-1331.623	891.185	-1498.807	-1.196	0	0.417
162	33	N5	1369.302	894.915	1432.535	-1.211	0	0.415
163	33	N103	24.82	43.992	30.193	0	0	0
164	33	Totals:	62.499	1830.092	-36.08			
165	33	COG (ft):	X: 2.923	Y: -2.108	Z: 3.247			
166	34	N6	-1330.186	891.269	-1475.521	-1.197	0	0.417
167	34	N5	1370.854	894.837	1448.358	-1.211	0	0.416
168	34	N103	20.775	43.987	27.171	0	0	0
169	34	Totals:	61.443	1830.092	0.008			
170	34	COG (ft):	X: 2.923	Y: -2.108	Z: 3.247			
171	35	N6	-1328.447	891.387	-1452.292	-1.198	0	0.418
172	35	N5	1371.527	894.723	1462.779	-1.212	0	0.417
173	35	N103	15.97	43.983	23.616	0	0	0
174	35	Totals:	59.049	1830.092	34.103			
175	35	COG (ft):	X: 2.923	Y: -2.108	Z: 3.247			
176	36	N6	-1333.972	891.485	-1420.581	-1.199	0	0.42
177	36	N5	1371.303	894.64	1486.399	-1.213	0	0.419
178	36	N103	5.499	43.967	8.37	0	0	0
179	36	Totals:	42.829	1830.092	74.188			
180	36	COG (ft):	X: 2.923	Y: -2.108	Z: 3.247			
181	37	N6	-670.579	887.795	-1398.142	-1.197	0	0.206
182	37	N5	681.98	898.342	1510.613	-1.22	0	0.205
183	37	N103	-11.399	43.951	-16.081	0	0	0
184	37	Totals:	0.002	1830.087	96.39			
185	37	COG (ft):	X: 1.284	Y: -2.108	Z: 3.247			
186	38	N6	-693.347	887.502	-1406.879	-1.196	0	0.209



Company :  
 Designer :  
 Job Number :  
 Model Name :

8/14/2025  
 11:53:40 AM  
 Checked By :

**Node Reactions (Continued)**

	LC	Node Label	X [lb]	Y [lb]	Z [lb]	MX [k-ft]	MY [k-ft]	MZ [k-ft]
187	38	N5	671.959	898.641	1514.723	-1.22	0	0.208
188	38	N103	-23.428	43.944	-30.206	0	0	0
189	38	Totals:	-44.817	1830.087	77.637			
190	38	COG (ft):	X: 1.284	Y: -2.108	Z: 3.247			
191	39	N6	-703.197	887.311	-1433.834	-1.195	0	0.208
192	39	N5	665.148	898.831	1499.542	-1.22	0	0.208
193	39	N103	-24.449	43.945	-29.612	0	0	0
194	39	Totals:	-62.497	1830.087	36.096			
195	39	COG (ft):	X: 1.284	Y: -2.108	Z: 3.247			
196	40	N6	-704.626	887.232	-1457.087	-1.194	0	0.207
197	40	N5	663.583	898.908	1483.681	-1.219	0	0.207
198	40	N103	-20.398	43.947	-26.586	0	0	0
199	40	Totals:	-61.441	1830.087	0.008			
200	40	COG (ft):	X: 1.284	Y: -2.108	Z: 3.247			
201	41	N6	-706.367	887.115	-1480.295	-1.193	0	0.207
202	41	N5	662.911	899.023	1469.24	-1.219	0	0.206
203	41	N103	-15.591	43.949	-23.033	0	0	0
204	41	Totals:	-59.047	1830.087	-34.087			
205	41	COG (ft):	X: 1.284	Y: -2.108	Z: 3.247			
206	42	N6	-700.811	887.034	-1511.936	-1.192	0	0.204
207	42	N5	663.103	899.098	1445.556	-1.218	0	0.204
208	42	N103	-5.12	43.955	-7.792	0	0	0
209	42	Totals:	-42.827	1830.087	-74.172			
210	42	COG (ft):	X: 1.284	Y: -2.108	Z: 3.247			
211	43	N6	-680.327	887.181	-1533.645	-1.191	0	0.2
212	43	N5	668.884	898.94	1421.116	-1.217	0	0.2
213	43	N103	11.443	43.966	16.152	0	0	0
214	43	Totals:	-0.001	1830.087	-96.377			
215	43	COG (ft):	X: 1.284	Y: -2.108	Z: 3.247			
216	44	N6	-657.553	887.475	-1524.905	-1.191	0	0.198
217	44	N5	678.904	898.641	1417.001	-1.216	0	0.197
218	44	N103	23.467	43.972	30.279	0	0	0
219	44	Totals:	44.818	1830.087	-77.625			
220	44	COG (ft):	X: 1.284	Y: -2.108	Z: 3.247			
221	45	N6	-647.709	887.665	-1497.956	-1.192	0	0.198
222	45	N5	685.709	898.451	1432.175	-1.216	0	0.198
223	45	N103	24.498	43.971	29.698	0	0	0
224	45	Totals:	62.498	1830.087	-36.084			
225	45	COG (ft):	X: 1.284	Y: -2.108	Z: 3.247			
226	46	N6	-646.283	887.744	-1474.707	-1.193	0	0.199
227	46	N5	687.272	898.374	1448.034	-1.217	0	0.199
228	46	N103	20.453	43.969	26.677	0	0	0
229	46	Totals:	61.442	1830.087	0.004			
230	46	COG (ft):	X: 1.284	Y: -2.108	Z: 3.247			
231	47	N6	-644.545	887.86	-1451.501	-1.194	0	0.2
232	47	N5	687.943	898.259	1462.474	-1.217	0	0.199
233	47	N103	15.65	43.968	23.127	0	0	0
234	47	Totals:	59.048	1830.087	34.1			
235	47	COG (ft):	X: 1.284	Y: -2.108	Z: 3.247			
236	48	N6	-650.102	887.941	-1419.86	-1.196	0	0.202
237	48	N5	687.752	898.185	1486.163	-1.218	0	0.201
238	48	N103	5.178	43.962	7.881	0	0	0
239	48	Totals:	42.828	1830.087	74.184			
240	48	COG (ft):	X: 1.284	Y: -2.108	Z: 3.247			
241	49	N6	-335.66	706.6	-1142.385	-0.951	0	0.092