

Attachment 3

Tower Sites Environmental and Engineering Assessments

Tower Structure Summary Table

Tower No	MP	Elevation	Land Status	Tower Type	Construction Type	Access road ft	Work Area ft ²	Perm Dist ft ²	Temp Dist ft ²	Pulling Station
1	0	2,717	Private	Lat-eld-t	Standard	75	250,000	1,600	250,000	PS-1
2	0.2	2,721	Private	Lat-ems	Standard	450		2,025	10,000	
3	0.4	2,640	Private	Lat-ems	Standard	350		2,025	10,000	
4	0.7	2,410	Private	Lat-ems	Standard	200		1,444	10,000	
5	0.8	2,205	Private	Lat-ems	Standard	600		1,444	10,000	
6	1.1	1,873	Private	Lat-ehs-s	Standard	700		2,304	10,000	
7	1.3	1,871	Private	Lat-ems	Standard	700		2,025	10,000	
8	1.6	1,521	Private	Lat-ems	Standard	1,800		1,444	10,000	
9	1.8	1,289	Private	Lat-eld	Standard	1,300	300,000	1,600	10,000	PS-9
10	2	1,138	Private	Lat-eld-t	Standard			1,600	10,000	
11	0	2,736	Private	Lat-eld-t	Standard	75		1,600	10,000	
12	0.2	2,687	Private	Lat-ems	Standard	450		2,025	10,000	
13	0.4	2,560	Private	Lat-ems	Standard	75		2,025	10,000	
14	0.7	2,323	Private	Lat-ems	Standard	350		1,444	10,000	
15	0.9	2,017	Private	Lat-ems	Standard	700		1,444	10,000	
16	1.1	1,916	Private	Lat-ehs-s	Standard	50		2,304	10,000	
17	1.2	1,970	Private	Lat-ems	Standard	150		1,444	10,000	
18	1.4	1,741	Private	Lat-ems	Standard	450		1,444	10,000	
19	1.6	1,362	Private	Lat-ems	Standard	870		2,025	10,000	
20	1.8	1,136	Private	Lat-eld	Standard			2,916	10,000	
21	2	1,135	Private	Lat-eld-t	Standard			1,600	10,000	
22	2.1	1,166	Private	Lat-eld-t	Standard			1,600	10,000	
23	2.3	1,279	Private	Lat-eld	Standard	50	845,000	1,600	845,000	PS-23+Staging
24	2.5	1,350	Private	H-frame	Standard	150		420	10,000	
25	2.7	1,556	CNF	H-frame	Standard			420	10,000	
26	2.8	1,591	CNF	Lat-eld-a	Standard		120,000	1,600	120,000	PS-26
27	3	1,507	CNF	H-frame	Standard	200		420	10,000	
28	3.3	1,606	CNF	H-frame	Standard	200		420	10,000	
29	3.5	1,635	CNF	H-frame	Standard	500		420	10,000	
30	3.7	1,794	CNF	Lat-eld-a	Helicopter			1,600	10,000	
31	4.1	2,088	Private	Lat-eh-t	Helicopter			3,600	10,000	
32	4.2	2,272	Private	Lat-eld-a	Standard	600	120,000	1,600	120,000	PS32
33	4.6	2,536	CNF	H-frame	Helicopter			420	10,000	
34	4.7	2,466	CNF	H-frame	Helicopter			420	10,000	
35	4.9	2,496	CNF	H-frame	Helicopter			420	10,000	
36	5.3	2,565	CNF	Lat-eld	Helicopter			2,916	10,000	

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Tower	MP	Elevation	Land Status	Tower Type	Construction Type	Access road	Work Area	Perm Dist	Temp Dist	Pulling Station
37	5.4	3,010	CNF	Lat-eh	Helicopter			3,025	10,000	
38	5.5	3,062	CNF	Lat-eh	Helicopter			3,025	10,000	
39	5.6	3,207	CNF	Lat-eld	Helicopter		120,000	1,600	120,000	PS-39
40	5.8	3,101	CNF	Lat-ems	Helicopter			1,444	10,000	
41	6	2,996	CNF	Lat-eld	Standard		120,000	2,916	120,000	PS-41
42	6.3	3,265	CNF	Lat-eld	Helicopter			1,600	10,000	
43	6.6	3,599	CNF	Lat-eld	Standard	3,100	120,000	1,600	120,000	PS-43
44	6.7	3,513	CNF	Lat-eh	Helicopter			3,600	10,000	
45	7	3,254	CNF	Lat-ems	Helicopter			2,025	10,000	
46	7.5	2,941	CNF	Lat-eld	Helicopter			2,916	10,000	
47	7.6	3,030	CNF	Lat-eh	Helicopter			3,600	10,000	
48	7.7	2,948	CNF	Lat-eh	Helicopter			3,600	10,000	
49	7.9	2,682	CNF	Lat-eld	Helicopter			1,600	10,000	
50	8.4	2,543	CNF	Lat-ems	Helicopter			2,704	10,000	
51	8.6	2,646	CNF	Lat-eld	Helicopter			1,600	10,000	
52	8.8	3,044	CNF	Lat-eh	Helicopter			3,600	10,000	
53	8.9	3,098	CNF	Lat-eld-a	Standard	350	120,000	1,600	120,000	PS-53
54	9.1	2,877	CNF	Lat-ems	Standard	750		2,025	10,000	
55	9.5	2,928	CNF	Lat-eld	Standard	300		1,600	10,000	
56	9.7	2,828	CNF	Lat-ehs-s	Standard	850	120,000	2,304	120,000	PS-56
57	10.1	2,563	CNF	Lat-eld	Standard	1,400		2,916	10,000	
58	10.3	2,680	CNF	Lat-ems	Standard	500	120,000	2,025	120,000	PS-58
59	10.5	2,605	CNF	Lat-eld	Helicopter			1,600	10,000	
60	10.9	2,978	CNF	Lat-eh	Helicopter			3,600	10,000	
61	11	3,064	CNF	Lat-ela	Helicopter			3,025	10,000	
62	11.3	3,066	CNF	Lat-eh	Helicopter			1,936	10,000	
63	11.5	2,866	CNF	Lat-eld-t	Standard	200	60,000	1,600	60,000	PS-63
64	13.2	2,975	CNF	Lat-eld-t	Standard	100	60,000	1,600	60,000	PS-64
65	13.3	3,017	CNF	Lat-eh	Standard	200		1,936	10,000	
66	13.4	2,953	CNF	Lat-eld	Helicopter			1,600	10,000	
67	13.7	2,530	CNF	Lat-eh	Helicopter			3,600	10,000	
68	14.1	2,540	CNF	Lat-ela	Helicopter			3,025	10,000	
69	14.3	2,649	CNF	Lat-ems	Helicopter			2,704	10,000	
70	14.5	2,502	CNF	Lat-eh	Helicopter			3,600	10,000	
71	14.7	2,350	CNF	Lat-eld	Helicopter			1,600	10,000	
72	14.9	2,244	CNF	Lat-eh	Helicopter			2,209	10,000	
73	15.2	2,144	CNF	Lat-ehs-s	Helicopter			1,156	10,000	

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Tower	MP	Elevation	Land Status	Tower Type	Construction Type	Access road	Work Area	Perm Dist	Temp Dist	Pulling Station
74	15.4	2,235	CNF	Lat-ela	Standard	1,600	120,000	1,521	120,000	PS-74
75	15.6	2,160	CNF	Lat-ehs-s	Helicopter			1,681	10,000	
76	15.9	2,350	CNF	Lat-eld	Helicopter			1,600	10,000	
77	16.3	2,195	CNF	Lat-eht	Helicopter			3,025	10,000	
78	16.6	2,598	CNF	Lat-ems	Standard	450		2,025	10,000	
79	16.7	2,648	CNF	Lat-ehd	Standard	150	120,000	1,600	120,000	PS-79
80	17	2,571	CNF	Lat-ems	Standard	350	2,025	2,025	10,000	
81	17.5	2,400	CNF	Lat-ehd	Standard	2,300	120,000	3,136	120,000	PS-81
82	17.7	2,384	CNF	Lat-ems	Helicopter			1,444	10,000	
83	17.9	2,540	CNF	Lat-eht	Helicopter			1,936	10,000	
84	18.2	2,362	CNF	Lat-eld	Helicopter			2,916	10,000	
85	18.5	2,470	CNF	Lat-eht	Standard	700		3,025	10,000	
86	18.9	2,452	CNF	Lat-eld	Helicopter			1,600	10,000	
87	19.2	2,387	CNF	Lat-ems	Helicopter			2,025	10,000	
88	19.4	2,368	CNF	Lat-ems	Helicopter			2,025	10,000	
89	19.7	2,250	CNF	Lat-ems	Standard	300		1,444	10,000	
90	19.8	2,128	CNF	Lat-ehd	Standard	650	120,000	3,136	120,000	PS-90
91	20.3	2,050	CNF	Lat-ems	Standard	800		2,704	10,000	
92	20.5	2,029	CNF	Lat-eld	Standard	250	120,000	1,600	120,000	PS-92
93	20.7	1,966	CNF	Lat-ehd	Standard	100	120,000	3,136	120,000	PS-93
94	20.8	1,945	CNF	Lat-ela	Standard	300		1,521	10,000	
95	21.2	2,015	CNF	Lat-ems	Helicopter			1,444	10,000	
96	21.4	1,971	CNF	Lat-eld	Helicopter			1,600	10,000	
97	21.7	2,084	CNF	Lat-ems	Helicopter			2,025	10,000	
98	21.8	2,188	CNF	Lat-ems	Helicopter			2,704	10,000	
99	21.9	2,272	CNF	Lat-eld	Standard	500		1,600	10,000	
100	22.2	2,478	CNF	Lat-ehs-s	Helicopter			1,156	10,000	
101	22.4	2,540	CNF	Lat-ems	Helicopter			2,025	10,000	
102	22.8	2,655	CNF	Lat-ems	Helicopter			2,025	10,000	
103	23.2	2,721	CNF	Lat-ems	Helicopter			2,025	10,000	
104	23.2	2,783	CNF	Lat-ems	Helicopter			1,444	10,000	
105	23.4	2,764	CNF	Lat-ems	Helicopter			1,444	10,000	
106	23.5	2,647	CNF	Lat-ems	Helicopter			1,444	10,000	
107	23.7	2,292	CNF	Lat-eld-a	Helicopter			1,936	10,000	
108	24.4	2,011	CNF	Lat-ems	Standard	50		1,444	10,000	
109	24.6	1,967	CNF	Lat-eld	Standard	1,250	120,000	1,600	120,000	PS-109
110	24.7	2,110	CNF	Lat-ems	Helicopter			1,444	10,000	

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Tower	MP	Elevation	Land Status	Tower Type	Construction Type	Access road	Work Area	Perm Dist	Temp Dist	Pulling Station
111	24.9	2,183	CNF	Lat-ems	Helicopter			1,444	10,000	
112	25.1	2,355	CNF	Lat-ems	Helicopter			1,444	10,000	
113	25.3	2,607	CNF	Lat-ehd	Standard	600	120,000	1,600	120,000	PS-113
114	25.4	2,778	CNF	Lat-ehd	Standard	700		1,936	10,000	
115	25.5	2,759	CNF	Lat-ehd	Standard	800		1,936	10,000	
116	25.7	2,524	CNF	Lat-ems	Standard	800		1,444	10,000	
117	26.3	2,100	CNF	Lat-ems	Helicopter			2,025	10,000	
118	26.5	2,032	CNF	Lat-eld	Helicopter			1,600	10,000	
119	26.6	2,092	CNF	Lat-ems	Standard	400	120,000	1,444	120,000	PS-119
120	26.9	2,238	CNF	Lat-ems	Standard	750		1,444	10,000	
121	27.1	2,262	CNF	Lat-eld	Standard	200	120,000	1,600	120,000	PS-121
SA121			CNF		Standard		2,730,000		2,730,000	SA-121
122	27.3	2,302	CNF	Lat-ems	Standard	50		1,444	10,000	
123	27.5	2,206	CNF	Lat-ems	Standard	50		1,444	10,000	
124	27.8	2,116	CNF	Lat-ems	Standard	800		1,444	10,000	
125	28.1	2,130	CNF	Lat-ems	Helicopter			1,444	10,000	
126	28.4	2,250	CNF	Lat-ems	Helicopter			1,444	10,000	
127	28.6	2,351	CNF	Lat-ems	Helicopter			1,444	10,000	
128	28.7	2,357	CNF	Lat-ehs-s	Helicopter			1,444	10,000	
129	28.8	2,290	CNF	Lat-ems	Helicopter			1,444	10,000	
130	29.2	2,456	CNF	Lat-ehd	Standard	350	180,000	1,444	180,000	PS-130
131	29.4	2,546	CNF	Lat-ehd	Standard	50		1,444	10,000	
132	29.7	2,422	CNF	Lat-ems	Helicopter			1,444	10,000	
133	30.1	2,387	CNF	Lat-ems	Standard	450		1,444	10,000	
134	30.3	2,569	CNF	Lat-ela	Standard	400	120,000	1,444	120,000	PS-134
135	30.6	2,917	CNF	Lat-ems	Helicopter			1,444	10,000	
136	30.7	3,024	CNF	Lat-ela	Helicopter			1,849	10,000	
137	30.9	2,734	CNF	Lat-ems	Helicopter			2,704	10,000	
138	31.3	2,496	CNF	Lat-eld	Standard		120,000	1,600	10,000	PS 138