

TABLE SHOWING RECESS DETAIL AND CROSS SECTION

Post No.	Post Size (mm)	H (Meters)	H ₁ (mm)	φ (Degrees)	Rebars Epoxy Coated (kg)	Structural Steel (kg)	Concrete Volume (Cu. m)	Remarks
1	406x406	4.547	122	180	232	131	0.646	End Post
2	406x406	5.576	125	195	291	131	0.792	Interior Post
3	406x406	5.581	159	165	291	131	0.793	Interior Post
4	406x406	5.555	134	195	291	131	0.789	Interior Post
5	406x406	5.565	174	165	291	131	0.790	Interior Post
6	406x406	5.462	64	166	291	131	0.776	Interior Post
7	406x406	5.471	175	203	291	131	0.777	Interior Post
8	406x406	5.501	184	195	291	131	0.781	Interior Post
9	406x406	5.501	168	150	291	131	0.781	Interior Post
10	406x406	5.520	182	195	291	131	0.784	Interior Post
11	406x406	5.354	0	195	291	131	0.760	Interior Post
12	406x406	5.251	65	165	291	131	0.746	Interior Post
13	406x406	5.463	374	150	291	131	0.776	Interior Post
14	406x406	5.441	146	204	291	131	0.773	Interior Post
15	406x406	5.449	152	195	291	131	0.774	Interior Post
16	406x406	5.493	211	165	291	131	0.780	Interior Post
17	406x406	5.391	64	195	291	131	0.765	Interior Post
18	406x406	5.220	0	195	291	131	0.741	Interior Post
19	406x406	5.050	179	165	291	131	0.717	Interior Post
20	406x406	4.708	0	165	291	131	0.669	Interior Post
21	406x406	4.998	13	195	291	131	0.710	Interior Post
22	406x406	5.274	127	195	291	131	0.749	Interior Post
23	406x406	5.442	369	165	291	131	0.773	Interior Post
24	406x406	5.350	405	165	291	131	0.760	Interior Post
25	406x406	5.233	377	210	291	131	0.743	Interior Post
26	406x406	5.059	398	165	291	131	0.718	Interior Post
27	406x406	4.860	203	195	291	131	0.690	Interior Post
28	406x406	4.851	199	165	291	131	0.689	Interior Post
29	406x406	4.855	194	165	291	131	0.689	Interior Post
30	406x406	4.827	203	210	291	131	0.685	Interior Post
31	406x406	4.847	166	165	291	131	0.688	Interior Post
32	406x406	4.883	223	195	291	131	0.693	Interior Post
33	406x406	4.744	202	165	291	131	0.674	Interior Post
34	406x406	4.649	84	165	291	131	0.660	Interior Post
35	406x406	4.635	107	195	291	131	0.658	Interior Post
36	406x406	4.598	70	195	291	131	0.653	Interior Post
37	406x406	4.610	70	165	291	131	0.655	Interior Post
38	406x406	4.587	82	165	291	131	0.651	Interior Post
39	406x406	4.612	107	195	291	131	0.655	Interior Post
40	406x406	4.756	140	195	291	131	0.675	Interior Post
41	406x406	4.758	160	165	291	131	0.676	Interior Post
42	406x406	4.780	162	165	291	131	0.679	Interior Post
43	406x406	4.778	158	195	291	131	0.678	Interior Post
44	406x406	5.066	450	165	291	131	0.719	Interior Post
45	406x406	5.099	191	195	291	131	0.724	Interior Post
46	406x406	4.843	34	195	291	131	0.688	Interior Post
47	406x406	4.797	245	165	291	131	0.681	Interior Post
48	406x406	5.109	406	165	291	131	0.725	Interior Post
49	406x406	5.109	245	195	291	131	0.725	Interior Post
50	406x406	5.079	266	195	291	131	0.721	Interior Post
51	406x406	5.138	354	165	291	131	0.730	Interior Post
52	406x406	5.289	447	165	291	131	0.751	Interior Post
53	406x406	5.353	358	195	291	131	0.760	Interior Post
54	406x406	5.343	287	195	291	131	0.759	Interior Post
55	406x406	5.400	355	165	291	131	0.767	Interior Post
56	406x406	5.522	409	165	291	131	0.784	Interior Post
57	406x406	5.341	114	195	291	131	0.758	Interior Post
58	406x406	5.196	154	165	291	131	0.738	Interior Post
59	406x406	5.000	98	195	291	131	0.710	Interior Post
60	406x406	4.961	155	165	291	131	0.704	Interior Post
61	406x406	4.890	227	165	291	131	0.694	Interior Post
62	406x406	4.863	178	210	291	131	0.691	Interior Post
63	406x406	4.632	0	210	291	131	0.658	Interior Post

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Post No.	Post Size (mm)	H (Meters)	H ₁ (mm)	φ (Degrees)	Rebars Epoxy Coated (kg)	Structural Steel (kg)	Concrete Volume (Cu. m)	Remarks
64	406x406	4.597	0	195	291	131	0.653	Interior Post
65	406x406	4.678	139	165	291	131	0.664	Interior Post
66	406x406	4.535	1	150	291	131	0.644	Interior Post
67	406x406	4.530	0	195	291	131	0.643	Interior Post
68	406x406	4.635	123	165	291	131	0.658	Interior Post
69	406x406	4.720	81	195	291	131	0.670	Interior Post
70	406x406	4.723	184	165	291	131	0.671	Interior Post
71	406x406	4.723	81	195	291	131	0.671	Interior Post
72	406x406	4.736	197	165	291	131	0.673	Interior Post
73	406x406	4.821	166	195	291	131	0.685	Interior Post
74	406x406	4.706	82	165	291	131	0.668	Interior Post
75	406x406	4.623	82	195	291	131	0.656	Interior Post
76	406x406	4.623	82	165	291	131	0.656	Interior Post
77	406x406	4.623	82	195	291	131	0.656	Interior Post
78	406x406	4.623	82	165	291	131	0.656	Interior Post
79	406x406	4.623	82	195	291	131	0.656	Interior Post
80	406x406	4.623	82	165	291	131	0.656	Interior Post
81	406x406	4.623	82	195	291	131	0.656	Interior Post
82	406x406	4.623	82	165	291	131	0.656	Interior Post
83	406x406	4.623	82	195	291	131	0.656	Interior Post
84	406x406	4.536	0	165	291	131	0.644	Interior Post
85	406x406	4.681	45	210	291	131	0.665	Interior Post
86	406x406	4.725	178	165	291	131	0.671	Interior Post
87	406x406	4.596	89	165	291	131	0.653	Interior Post
88	406x406	4.503	23	195	291	131	0.639	Interior Post
89	406x406	4.673	193	165	291	131	0.664	Interior Post
90	406x406	4.647	0	195	291	131	0.660	Interior Post
91	406x406	4.515	38	165	291	131	0.641	Interior Post
92	406x406	4.756	237	165	291	131	0.675	Interior Post
93	406x406	4.811	116	210	291	131	0.683	Interior Post
94	406x406	4.622	48	195	291	131	0.656	Interior Post
95	406x406	3.602	0	180	200	131	0.511	End Post

NOTES:

- Quantities in Table are for information only.
- Work this sheet with sheets 18 and 19.

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ILLINOIS DEPARTMENT OF TRANSPORTATION
 POST DATA
 NOISE ABATEMENT WALL
 F.A.I. RTE. 74 (I-74)
 SECTION D4 I-74 NOISE WALL 2008
 PEORIA COUNTY
 STA. 142+916.64 TO STA. 143+287.69
 STRUCTURE NUMBER 072-8554

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