FIRST, SECOND, THIRD, & FOURTH FLOOR BEAM SCHEDULE

Mark B	Size T-D	Straight Bars	Bent Bars	Stirrups No	Stirrups Size	Stirrups Spacing	Remarks
1	12-18	2-1"φ*	2-7/8"φ	14	3/8	3,3/6,3/9,4/12	
2	12-18	2-3/4"φ*; 2-7/8"φ Str in top from B1 Ext 5'-0" into B1		4	3/8	3,12	
3	12-18	2-1"φ*	2-1"φ	18	1/2	3,6,9,6/12	
4	12-18	2-1"φ Bot.*; 2-1" Sq. Top B	-	10	3/8	3,4/12	
5	12-18	2-1" Sq.	2-1"φ	20	1/2	3,3/6,3/9,4/12	
6	12-18	2-5/8"φ Bot*; 2-1" Sq. Top B	-	6	3/8	3,2/12	
7	12-18	2-7/8"φ*	2-7/8"φ	8	3/8	3,3/12	
8	9-34	2-3/4"φ Bot; 2-3/4"φ Top	-	6	3/8	3,2/12	
9	9-34	2-3/4"φ Bot; 2-3/4"φ Str in Top from B8 Ext 5'-0" into B10		10	3/8	3,4/12	
10	9-12	2-7/8"φ Bott*; 1-1" Sq. Top B		10	3/8	3,4/12	
11	9-34½	2-1"φ	1-7/8"φ	-	3/8	18" o.c.	
12	14-24	2-1⅛ Sq.	2-1⅛ Sq.	18	1/2	3,8/12	
13	12-18	2-1⅛ Sq. Bot*; 2-1"φ Top B		-	3/8	3/3,3/6,2/9,12" o.c.	
14	12-18	2-3/4"φ B	2-5/8"φ				
15	12-18	2-5/8"φ	2-5/8"φ	8	3/8	3,3/12	
16	12-18	2-1" Sq.	2-1"φ	16	3/8	3,3/6,3/9,2/12	
17	12-16	2-5/8"φ	2-5/8"φ	4		3,12	
18	14-22	2-7/8"φ	2-1"φ	8	3/8	3,3/12	
19	14-22	2-7/8"φ *	2-1"φ	20	3/8	3,9/9	
20	14-22	2-1"φ	2-1" Sq.	14	3/8	3,3/12	
21	14-20	2-3/4"φ Bot; 2-3/4"φ B Top		6	3/8	3,2/12	
22	12-20	2-7/8"φ Bot; 2-1"φ B Top		8	3/8	3,3/12	
23	12-20	2-1" Sq. *	2-1"φ	12	1/2	3,2/6,2/9,12	
24	12-16	2-7/8"φ	1-3/4"φ	8	3/8	3,3/10	
25	12-18	2-1"φ*	2-1"φ	20	3/8	3,3/6,3/9,4/12	
26	9-34½	3-1"φ Bot; 3-5/8"φ Top		-	3/8	3,2/12,18" o.c.	
27	9-34½	3-3/4"φ Bot; 3-7/8"φ Top B		-	3/8	3,2/12,18" o.c.	
28	9-34½	3-3/4"φ Bot; 3-7/8"φ Top B		-	3/8	3,2/12,18" o.c.	
29	12-20½	1-7/8"φ	2-5/8"φ				
30	9-34	2-7/8"φ Bot.; 2-7/8"φ Top		-	3/8	3,4/12,18" o.c.	
31	9-34	2-1"φ	1-1"φ	16	3/8	3,3/12,4/18	
32	16-34	4-1" Sq. Bot Layer	6-1"φ Top Layer	22	3/8	3,10/18	
33	16-38	4-1⅛ Bot. Layer	4-1"φ Top Layer	28	1/2	3,3/9,3/12,7/18	
34	9-34½	2-3/4"φ Bot; 1-5/8"φ Top		-	3/8	18" o.c.	
35	12-42½	2-1"φ; 2-7/8"φ Str in Top Full Length from B36		16	3/8	3,6,6/12	See Detail Sec's "7-7" & "8-8" Sht. S4
36	12-36	2-3/4"φ Bot; 2-3/4"φ Top		10	3/8	3,4/12	
37	14-24	2-1⅛ Sq.	2-1⅛ Sq.	32	1/2	3,15/6	
38	14-20	2-1"φ; 2-1⅛ Sq. Bot	2-1⅛ Sq. Str in Top B	8	3/8	3,3/12	
39	14-24	2-1"φ	2-1"φ	8	3/8	3,3/12	
40	9-34½	2-7/8"φ Bot; 2-1"φ Top B		12	3/8	3,5/12	
41	9-34½	2-1" Sq. Bot.; 2-1"φ Top B		12	3/8	3,5/12	
42	12-32	2-3/4"φ Bot; 2-5/8"φ Top		-	3/8	18" o.c.	
43	12-34½	2-1⅛ Sq.	1-1⅛ Sq.	10	3/8	3,4/12	
44	12-20	2-1⅛ Sq.	1-1"φ	8	3/8	3,3/12	
45	12-20	2-1" Sq.	2-7/8"φ	6	3/8	3,2/12	
46	14-34½	2-3/8"φ Bot; 2-1" Sq. Top B	2-1⅛ Sq. Str in Top From B47	-	3/8	18" o.c.	
47	14-22	2-1⅛ Sq.	2-1⅛ Sq.	22	1/2	3,10/9	
48	12-20	2-1⅛ Sq.	1-1⅛ Sq.	14	3/8	3,3/6,2/9,4/12	
49	12-20	2-1" Sq.*	2-1"φ	24	1/2	3,11/9	
50	12-20	2-7/8"φ *	2-1" Sq.	18	3/8	3,8/12	
51	12-20	2-7/8"φ	2-7/8"φ	20	3/8	3,6,8/12	
52	12-20	2-1"φ	2-1"φ	24	3/8	3,6,10/9	
53	14-24	2-1"φ Bot*; 2-1⅛ Sq. Str in Top B		12	1/2	3,3/6,3/12	
54	14-24	2-1⅛ Sq. *	2-1⅛ Sq.	36	1/2	3,17/6	
55	12-16	2-7/8"φ	1-3/4"φ	8	3/8	3,3/10	
56	12-20	2-1⅛ Sq.*	1-1⅛ Sq.	18	1/2	3,6,3/9,4/12	
57	12-20	2-7/8"φ*	2-7/8"φ	22	3/8	3,10/9	
58	12-20	2-1"φ*	2-1" Sq.	30	3/8	4/3,11/8	
59	12-20	2-1" Sq.*	2-1"φ	20	1/2	3,9/12	
60	14-24	2-1⅛ Sq.*	2-1⅛ Sq.	22	1/2	3,10/10	
61	8-12	1-3/4"φ	[illegible]	-			
62	14-34½	2-5/8"φ; 3-1⅛ Sq. Str in Top Full Length from B63		-	3/8	18" o.c.	
63	12-22	3-1⅛ Sq. Top Ext 5'-0" into B62; 2-1⅛ Sq. Bot*		16	3/8	3,6,6/12	
64	12-20	2-1" Sq. Bot*; 2-7/8"φ Bot*		26	1/2	3,6,9,10/12	
65	8-18	2-1" Sq. Bot*; 2-1⅛ Sq. Top Ext 5'-0" into B64 Hk End		10	3/8	3,4/12	
66	10-12	2-3/4"φ	2-3/4"φ	8	3/8	3,3/8	
67	10-34½	2-3/4"φ Bot; 1-5/8" Top B		-	3/8	18" o.c.	
68	14-24	2-7/8"φ	2-1" Sq.	10	3/8	3,4/12	
69	14-20	2-5/8"φ	2-1⅛ Str in Top Full Length from B68 Ext 6'-0" into B70				
70	14-24	2-1"φ	1-1⅛ Sq.	22	3/8	3,3/6,4/9,3/12	
71	9-34½	2-1"φ Bot; 2-1"φ Top Cont. (B71–B74)		-	3/8	3,2/12,18" o.c.	
72	9-34½			-	3/8	3,3/12,18" o.c.	
73	9-34½			-	3/8	3,4/12,18" o.c.	
74	9-34½			-	3/8	18" o.c.	
75	9-34½	2-3/4"φ Bot; 2-7/8"φ Top		-	3/8	18" o.c.	
76	9-34½	2-7/8"φ Bott; 2-7/8"φ Top Cont.		-	3/8	3,3/12,18" o.c.	
77	12-16	2-5/8"φ*	2-3/4"φ	10	3/8	3,4/8	
78	12-18	2-7/8"φ*	2-3/4"φ Ext 6'-0" into B15	6	3/8	3,2/12	
79	12-18	2-5/8"φ Bott; 2-1"φ Top B		6	3/8	3,2/12	
80	12-18	2-1"φ*	2-1"φ	20	3/8	3,2/6,3/9,4/12	
81	16-24	See Detail, Sht S5					
82	12-18	2-3/4"φ Str in Bot & Bot Ext 6'-0" into Bms. B81 & B83 Ext 2'-0" into B80		8	3/8	3,3/12	
83	16-24	See Detail Sht S5					
84	9-34½	3-3/4"φ Bot; 3-7/8"φ Top B		-	3/8	3,3/12,18" o.c.	
85	9-34½	3-3/4"φ Bot; 3-7/8"φ Top B		-	3/8	3,3/12,18" o.c.	
86	12-35½	2-5/8"φ; 2-7/8"φ Str in Top B		6	3/8	3,2/24 See Detail	Sec. 7-7 Sht S3
87	12-18	2-3/4"φ *	2-7/8"φ	10	3/8	3,4/12	
88	12-18	2-5/8"φ; 2-7/8"φ Str in Top from B87 Ext 5'-0" into B80		4	3/8	3/12	
89	9-34½	2-3/4"φ Bot; 2-1" Sq. Top B		-	3/8	18" o.c.	
90	9-34½	2-3/4"φ Bot.; 2-1" Sq. Top B		-	3/8	3,2/12,18" o.c.	
91	12-18	2-7/8"φ *	1-1" Sq.	8	3/8	3,3/12	
92	12-18	2-3/4"φ *	2-1" Sq.	18	3/8	3,3/6,3/9,2/12	
93	12-34½	2-3/4"φ Bot.; 2-1⅛ Sq. Str in Top from B92 Ext 6'-0" into B87; 2-5/8"φ Str in Top from B37 Ext 5'-0" into B92				4-3/8" 3-12	
94	12-18	2-5/8"φ Bott *; 2-5/8"φ Top B					
95	9-34½	2-3/4"φ Bot; 2-1"φ Top B		-	3/8	18" o.c.	
96	9-34½	2-5/8"φ Bot; 2-1"φ Top B		-	3/8	3,12,18" o.c.	
97	9-34½	2-7/8"φ	1-7/8"φ	-	3/8	18" o.c.	
98	12-18	2-7/8"φ Bot; 2-7/8"φ Top B		8	3/8	3,3/12	
99	12-18	2-3/4"φ *	2-1"φ	10	3/8	3,3/9,4/12	
100	12-18	2-1"φ *	2-1"φ Ext 6'-0" into B99	16	3/8	3,3/6,3/9,2/12	
101	12-18	2-1"φ *	2-1" Sq.	20	1/2	3,3/6,3/9,3/12	
102	12-18	2-5/8"φ *	2-7/8"φ	6	3/8	3,2/12	
103	10-12	2-3/4"φ	1-5/8"φ				
104	12-18	2-1"φ	2-7/8"φ	8	3/8	3,3/12	
105	12-18	2-7/8"φ	2-7/8"φ	14	3/8	3,6/12	
106	12-18	2-5/8"φ Bot*; 2-3/4"φ Top B		6	3/8	3,2/12	
107	9-33¾	2-5/8"φ Bot*; 2-1"φ Top B		-	3/8	3,12,18" o.c.	
108	9-33¾	3-7/8"φ Bot; 3-5/8"φ Top Cont. (B108–B110)		-	3/8	3,3/12,18" o.c.	
109	9-33¾			-	3/8	3,3/12,18" o.c.	
110	9-33¾			-	3/8	3,3/6,3/9,3/12,18" o.c.	
111	6-10	1-5/8"φ	1-5/8"φ				
112	12-18	2-7/8"φ	2-1"φ	6	3/8	3,2/12	
113	9-33¾	3-1"φ Bot; 3-1"φ Top B		-	3/8	3,3/9,3/12,18" o.c.	
114	9-33¾	3-5/8"φ Bot; 3-1"φ Top B		-	3/8	3,3/12,18" o.c.	
115	12-18	2-3/4"φ	2-3/4"φ Ext 6'-0" into B105	8	3/8	3,6,3/12	
116	9-34½	2-5/8"φ Bot; 2-5/8"φ Top		-	3/8	18" o.c.	
117	9-34½	2-3/4"φ Bot; 2-7/8"φ Top B		-	3/8	18" o.c.	
118	9-34½	2-3/4"φ Bot; 2-7/8"φ Top B		-	3/8	3,3/12,18" o.c.	
119	14-24	2-1⅛ Sq.	2-1⅛ Sq.	20	1/2	3,9/10	
120	14-20	4-1⅛ Sq. Bot*; 2-1⅛ Sq. Top B; 2-1⅛ Sq. Str in Top Full Length From B119		8	3/8	3,3/12	
121	14-24	2-1⅛ Sq.	2-1"φ				
122	14-20	3-1⅛ Sq. Bott*; 2-1⅛ Sq. Str in Top from B37 Ext 5'-0" into B123; 2-1⅛ Sq. Str in Top from B123 Ext 5'-0" into B37		8	3/8	3,3/12	
123	14-24	2-1⅛ Sq.	2-1⅛ Sq.	24	3/8	3,11/8	
124	14-20	3-1⅛ Sq. Bot*; 2-1⅛ Sq. Top B	2-1⅛ Sq. Str in Top Full Length from B37	8	3/8	3,3/12	
125	14-24	2-1"φ	2-1⅛ Sq.	18	3/8	3,8/12	
126	14-34½	2-5/8"φ Bot; 2-1⅛ Sq. Str in Top Full Length from B125		-	3/8	18" o.c.	
127	14-26	2-1⅛ Sq.	2-1⅛ Sq.	18	1/2	3,8/12	
128	14-22	3-1⅛ Sq. Bot*; 2-1⅛ Sq. Str in Top from B127 Ext 5'-0" into B129; from B129 Ext 5'-0" into B127		10	3/8	3,4/12	
129	16-28	2-1⅛ Sq.	2-1⅛ Sq.	28	1/2	3,13/8	
130	16-26	2-1⅛ Sq. Bot Layer; 2-1⅛ Sq. Top Layer	2-1⅛ Sq.	20	1/2	3,9/10	
131	14-22	5-1¼ Sq. Bot*; 2-1¼ Sq. Str in Top From B132 Ext 5'-0" into B130; 2-1¼ Sq. Str in Top from B130 Ext 5'-0" into B132		10	3/8	3,4/12	
132	14-26	2-1⅛ Sq.	2-1⅛ Sq.	34	1/2	3,16/6	
133	12-10½	1-5/8"φ	1-5/8"φ				
134	9-34½	2-3/4"φ Bot.; 2-5/8"φ Top		-	3/8	18" o.c.	
135	18½-33¾	2-1⅛ Sq.; 2-1"φ	3-1"φ + 14'-0" St. in Top Centered on Col. U16	32	1/2	3,15/6	
136	18½-33¾	4-1"φ St.; 3-1⅛ Sq. St. in top centered on Col. R16	2-1" Sq. 2-1⅛ Sq. 15'-0"	32	1/2	3,15/6	
137	18½-33¾	4-1⅛ Sq. St.; 2-1⅛ Sq. St. in top centered on Col. T16		32	1/2	3,15/6	2-1"φ + 13'-0" St. in top centered on Col. T16
138	15½-33¾	2-7/8"φ St.; 2-1⅛ Sq. St. in Top 7'-6" into Bms. B137 & B139	2-1⅛ Sq. Extend		3/8	18" o.c.	
139	14-20	2-1⅛ Sq.	2-1"φ Bt. up at Col. V16 only	16	3/8	3,6,6/12	
140	9-34½	2-1"φ	1-1"φ	-	3/8	18" o.c.	
141	12-34½	2-5/8"φ Bot.; 2-3/4"φ Str in Top Full Length From B142		-	3/8	18" o.c.	
142	12-20	2-3/4"φ	2-7/8"φ	14	3/8	3,3/6,3/9	
143	12-20	2-7/8"φ Bott; 2-7/8"φ Str in Top From B142 Ext 5'-0" into B144					
144	12-20	2-1"φ	2-1" Sq.	16	3/8	3,7/12	
145	12-16	2-5/8"φ Bot; 3-1" Sq. St in Top	Full Length From B146				
146	12-26	3-1"φ Str in Bott.	Continuous in B146-147	22	3/8	3,10/10	
147	12-26	3-1⅛ Sq. Str in Top		18	3/8	3,8/12	
148	12-20	2-5/8"φ Bott; 2-1⅛ Sq. Str in Top From B146 Ext 2'-6" into B149					
149	12-20	2-1" Sq.	2-1"φ Bent at Col V18 only	16	3/8	3,6,6/12	
150	12-16	2-1"φ	2-3/4"φ				
151	10-14	2-3/4"φ	1-3/4"φ				
152	12-24	2-1"φ	2-7/8"φ	14	3/8	3,6/12	
153	14-24	2-7/8"φ Bott; 2-7/8"φ Str in Top From B63 Ext 5'-0" into B154					
154	20-24	3-1" Sq. St. Bot.; 1-1" Sq. 18'-0" in top at Col. G19					
155	14-24	2-7/8"φ Bot.*; 2-1⅛ Sq. Top B		6	3/8	3,2/12	2-1⅛ Sq. St. in Top Full Length From B156
156	14-26	2-1" Sq.	2-1⅛ Sq.	30	1/2	3,14/6	
157	14-26	2-1" Sq.*	2-1⅛ Sq.	30	1/2	3,14/6	
158	14-22	2-7/8"φ Bott*; 2-7/8"φ Top Ext 5'-0" into B156	2-1⅛ Sq. St in Top From B156 Ext 2'-6" into B159	6	3/8		
159	12-20	2-1⅛ Sq.	1-1⅛ Sq. Bt at Col. V19 Only	16	3/8	3,6,6/12	
160	12-24	2-5/8"φ Bott; 2-1"φ Top B					
161	12-24	2-5/8"φ	2-5/8"φ	12	3/8	3,5/12	
162	12-24	2-7/8"φ	2-1"φ				
163	12-16	2-5/8"φ Bott; 2-1" Str in Top Full Length From B162					
164	12-16	2-1"φ	2-3/4"φ	12	3/8	3,2/6,3/10	
165	11½-33¾	4-1"φ Bot.; 4-1"φ Top		20	1/2	3,3/6,3/9,6/12	
166	11½-33¾	4-1"φ Bot.; 4-1"φ Top		18	3/8	3,3/4,6/12	
167	9-34½	1-1⅛ Sq.	2-3/4"φ	-	3/8	18" o.c.	
168	14-34½	2-7/8"φ Bott; 2-1¼ Sq. Top B		14	1/2	3,6/6	
169	14-26	2-1" Sq.*	2-1" Sq.	16	1/2	3,7/12	
170	16-24	2-1⅛ Sq.	1-1⅛ Sq.	32	1/2	3,15/6	
171	14-20	4-1" Sq. Str in Bott Ext 2'-0" into B170; 2-1⅛ Sq. Top B		10	3/8	3,4/12	
172	14-24	2-1⅛ Sq.	2-1"φ	24	3/8	3,11/8	
173	9-34½	2-1⅛ Sq. Bott; 2-1" Sq. Top Cont		12	3/8	3,5/12	
174	9-34½	2-5/8"φ Bott; 1-1"φ Top B		-	3/8	18" o.c.	
175	9-34½	2-1" Sq. Bot.; 2-3/4"φ Top B		-	3/8	3,2/12,18" o.c.	
176	9-34½	2-3/4"φ Bott; 1-1"φ Top B		-	3/8	18" o.c.	
177	12-18	2-3/4"φ Bot.; 2-7/8"φ Str in Top from B3 Ext 5'-0" into B3		10	3/8	3,4/12	
178	14-16½	2-1"φ	2-3/4"φ	12	3/8	3,5/12	
179	12-30½	2-1" Sq.	2-5/8"φ	6	3/8	3,2/12	
180	14-34½	2-5/8"φ Bott; 2-7/8"φ Top B					
181	14-33½	2-7/8"φ	2-3/4"φ				
182							
183	8-18	2-3/8"φ Bott; Full Length From B182	2-1⅛ Sq. in Top	4	3/8	3,12	
184	14-26	2-1⅛ Sq.	2-1⅛ Sq.	32	1/2	3,15/6	
185	14-20	2-1⅛ Sq. Bott*; 2-1¼ Sq.	2-1¼ Sq. St. in top B				
186	12-30½	2-1"φ	2-1" Sq.	8	3/8	3,3/12	
187		See Detail Sec. 8-8 Sht S3					
188	12-19	2-1"φ	2-3/4"φ	12	3/8	3,2/9,3/12	
189	12-19	2-5/8"φ Bott; 2-1"φ Top B					
190	6-12	1-3/4"φ	1-1/2"φ				
191	14-34½	2-5/8"φ Bott; 2-7/8"φ Top B		-	3/8	18" o.c.	
192	9-34½	2-3/4"φ Bot.; 2-5/8"φ Top		-	3/8	18" o.c.	
193	14-34½	2-3/4"φ Bot; 2-1"φ Top B		-	3/8	18" o.c.	
194	9-34½	2-5/8"φ Bott; 2-1"φ Str in Top Full Length from B235		-	3/8	18" o.c.	
195	9-34½	1-1⅛ Sq.	2-3/4"φ	-	3/8	3,3/12,18" o.c.	
196	26-21	2-7/8"φ St.	2-1"φ	-	3/8	18" o.c.	
197	12-34½	See Sec 11-11 Sht S3		-	3/8	3,3/12,18" o.c.	
198	9-34½	2-7/8"φ	1-7/8"φ	-	3/8	18" o.c.	
199	12-34½	See Sec 11-11 Sht S3		-	3/8	3,3/12,18" o.c.	
200	12-34½	See Sec 11-11 Sht S3		-	3/8	3,3/12,18" o.c.	
201	12-34½	See Sec 11-11 Sht S3		-	3/8	3,3/12,18" o.c.	
202	12-18	2-3/4"φ	2-3/4"φ	8	3/8	3,3/12	
203	12-18	2-5/8"φ	2-7/8"φ Ext 6'-0" into B202	6	3/8	3,2/12	
204	12-16	2-5/8"φ Bott From B178 Full Length	2-7/8"φ Str in top				
205	12-18	2-5/8"φ Bott; 2-1¼ Sq.	2-1¼ Str in Top Ext 5'-0" into B204	6	3/8	3,2/12	
206	16-24	3-1⅛ Sq.	2-1⅛ Sq.	18	1/2	3,8/12	
207	16-26	2-1⅛ Sq.*	2-1⅛ Sq.	22	1/2	3,4/6,3/9,3/12	
208	14-26	2-3/4"φ	2-1" Sq.	14	1/2	3,3/9,3/12	
209	14-24	2-1"φ *	2-1"φ	20	1/2	3,3/9,6/12	
210	14-20	2-5/8"φ Bott*; From B131 Ext	2-1" Sq. St in Top 5'-0" into B209				
211	12-34½	2-7/8"φ Str in Bott; 2-5/8"φ Str Top B		-	3/8	18" o.c.	
212	12-18	2-5/8"φ	2-7/8"φ Ext 6'-0" into B211	8	3/8	3,3/12	
213	12-20	2-3/4"φ Bott; 2-1" Sq. Top Ext 5'-0" into B209					
214	14-24	2-7/8"φ Bott.; 2-1⅛ Sq. St. in Top from B123 Full Length	2-1" Sq. Str in Top from B134 Ext 5'-0" into B123	14	3/8	3,2/12	
215	12-24	2-5/8"φ				3,9,4/12	
216	18-24	2-1⅛ Sq.; 1-1⅛ Sq.	2-1⅛ Sq.	32	1/2	3,15/6	
217	18-24	4-1⅛ Sq. Bott*	2-1⅛ Sq. in Top B	8	3/8	3,3/12	
218	14-20	2-3/4"φ Bott; 2-1"φ Top Ext 5'-0" into B123		6	3/8	3,2/12	
219	12-18	2-5/8"φ Str in Top from B87 Ext 5'-0" into B220	2-3/4"φ in Top from B92 Ext 6'-0" into B87	6	3/8	3,2/12	
220	16-20	4-1⅛ Sq. Bott*; 2-1¼ Sq. St in Top from B221 Ext 5'-0" into B206	2-1¼ Sq. Str in Top From B220 Ext 5'-0" into B221	10	3/8	3,4/12	
221	16-28	2-1⅛ Sq. Bott*	2-1⅛ Sq. Top Layer	28	1/2	3,13/8	
222	16-20	2-1⅛ Sq. Str in Bott Ext 5'-0" into B223	2-1⅛ Sq. St in Top Ext 5'-0" into B221	10	3/8	3,4/12	
223	18-24	3-1¼ Sq.	2-1⅛ Sq.	32	1/2	3,15/6	
224	18-22	2-1" Sq.	2-7/8"φ	24	1/2	3,11/6	
225	18-22	2-1"φ	2-7/8"φ	10	3/8	3,4/12	
226	12-22	2-7/8"φ *	2-1"φ	24	1/2	3,2/6,3/9,6/12	
227	12-18	2-3/4"φ Bott; 2-1"φ Top B					
228	14-20	2-3/4"φ Bott; 2-1"φ Top B		6	3/8	3,2/12	
229	18-24	3-1⅛ Sq.	1-1⅛ Sq.; 1-1⅛ Sq.	22	1/2	3,10/6	
230	12-20	2-3/4"φ	2-5/8"φ	10	3/8	3,4/12	
231	12-20	2-5/8"φ Bott*; 2-1⅛ Top B		6	3/8	3,2/12	
232	14-20	2-1"φ, 2-1"φ Bott*; 2-1" Sq. Top B		8	3/8	3,3/12	
233	12-24½	2-5/8"φ	2-5/8"φ See Sec. 9-9, Sht S3				
234	18-20	4-1⅛ Sq. Bott*	2-1⅛ Sq. St in Top; 2-1⅛ Sq. St in Top B229	8	3/8	3,3/12	
235	12-34½	See Sec 11-11 Sht S3		-	3/8	3,3/12,18" o.c.	
236	14-20	2-1⅛ Sq. Cont*; 2-1⅛ Sq. Top B		8	3/8	3,3/12	
237	14-24	2-1⅛ Sq.	2-1"φ				
238	16-24	2-1⅛ Sq.; 1-1" Sq.	2-1" Sq.	32	1/2	3,15/6	
239	12-24	2-1" Sq.	2-1"φ	20	3/8	3,9/9	
240	8-12	1-7/8"φ	1-3/4"φ				
241	14-34½	2-5/8"φ Bott; 2-1"φ Top B		-	3/8	18" o.c.	
242	12-22	2-1"φ	2-1"φ	16	3/8	3,3/6,2/9,3/12	
243	12-22	2-3/4"φ Bott*; 2-7/8"φ Top B		6	3/8	3,2/12	
244	12-20	2-7/8"φ	2-7/8"φ	10	3/8	3,9,3/12	
245	18-20	2-5/8"φ Bott*; 2-1"φ Top B		4	3/8	3,12	
246	14-22	2-5/8"φ	2-5/8"φ	6	3/8	3,2/12	
247	14-22	2-7/8"φ	2-1" Sq.	18	3/8	3,3/9,5/12	
248	14-22	2-1⅛ Sq.	2-1⅛ Sq.	22	3/8	3,3/6,7/12	
249	12-20	2-7/8"φ	2-7/8"φ Ext 6'-0" into B242	8	3/8	3,3/12	
250	14-20	2-1⅛ Sq.*	2-1" Sq.	20	3/8	3/3,3/6,3/9,2/12	
251	14-20	2-1⅛ Sq.	2-1⅛ Sq.	12	1/2	3,2/6,3/12	
252	14-24	2-1"φ	2-1"φ	14	3/8	3,4/9,2/12	
253	14-18	2-7/8"φ Bott; 2-7/8"φ Top B					
254	10-15	2-1"φ St Bott; 2-1"φ St Top		8	3/8	3,3/9	This Beam is for Intermediate Stair Landings. Use 9" Width where noted
255	11-16	2-7/8"φ Bott; 2-3/4"φ Top	Cont.		3/8"φ	Ties @ 18" o.c.	

Note: Asterisk (*) Indicates that bars are to extend 2'-0" beyond ℄ of supports.
B Indicates that bars are to extend 5'-0" beyond ℄ of supports.

ROOF OVER FOURTH FLOOR, PENTHOUSE FLOOR, & PENTHOUSE ROOF BEAM SCHEDULE

Mark R	Size T-D	Straight Bars	Bent Bars	Stirrups No	Stirrups Size	Stirrups Spacing	Remarks
1	12-18	2-7/8"φ	2-7/8"φ	8	3/8	3,3/12	
2	12-18	2-5/8"φ Bott; 2-1"φ Top B		8	3/8	3,3/12	
3	9-34½	2-5/8"φ Bott; 1-3/4"φ Top B		-	3/8	18" o.c.	
4	9-34½	2-7/8"φ Bott; 2-5/8"φ Top B		-	3/8	18" o.c.	
5	14-22	2-5/8"φ	2-5/8"φ	10	1/2	3,4/6	
6	14-20	3-1⅛ Sq. Bott*; 2-1" Sq. Top B	-	10	1/2	3,4/12	
7	14-22	2-1⅛ Sq.	2-1⅛ Sq.	26	1/2	3,4/6,4/9,4/12	
8	9-34½	1-5/8"φ	2-1" Sq.	4	3/8	18" o.c.	
9	12-22	2-7/8"φ *	1-1" Sq.	18	3/8	3,4/9,4/12	
10	12-20	2-3/4"φ Bott*; 2-1"φ Top B		6	3/8	3,2/12	
11	12-16	2-5/8"φ *	2-3/4"φ	8	3/8	3,3/12	
12	12-18	2-5/8"φ	1-7/8"φ				
13	14-24	2-3/4"φ	1-7/8"φ				
14	18-28	2-1⅛ Sq.	2-1⅛ Sq.	24	5/8	3,8/7,3/12	
15	16-26	2-1" Sq. *	2-1" Sq.	12	3/8	3,6,4/12	
16	14-18	2-5/8"φ *	2-7/8"φ				
17	14-20	2-1⅛ Sq.	2-1"φ	8	3/8	3,3/12	
18	12-18	2-3/4"φ	2-3/4"φ	8	3/8	3,3/12	
19	12-20	2-7/8"φ Bott*; 2-1"φ Top B		6	3/8	3,2/12	
20	12-34½	2-1" Sq.	2-1"φ	-	3/8	3,4/12,18" o.c.	
21	9-34½	2-5/8"φ Bott; 1-5/8"φ Top B		-	3/8	18" o.c.	
22	9-34½	2-1" Sq. Bott; 2-1⅛ Sq. in Top Ext 11'-0" into E21		20	1/2	3,9/10	
23	9½-14	2-3/4"φ	1-3/4"φ				
24	12-20½	2-5/8"φ	1-5/8"φ				
25	9-34½	2-3/4"φ Bott; 2-7/8"φ Top		-	3/8	18" o.c.	
26	12-22	2-3/4"φ	2-3/4"φ	6	3/8	3,2/12	
27	9-34½	2-3/4"φ Bott; 1-1"φ Top B		-	3/8	18" o.c.	
28	12-20	2-1" Sq.	2-1"φ	18	3/8	3,4/9,4/12	
29	12-18	2-3/4"φ Bott*; 2-3/4"φ Top B		6	3/8	3,2/12	
30	12-20	2-7/8"φ					
31	9-34½	2-1"φ Bott; 2-1"φ Top B		-	3/8	3,2/12,18" o.c.	
32	9-34½	2-1"φ Bott; 2-1"φ Top B		-	3/8	3,2/12,18" o.c.	
33	9-34½	2-7/8"φ Bott; 1-7/8"φ Top B		-	3/8	18" o.c.	
34	12-34½	2-1⅛ Sq.	2-1"φ	18	3/8	3,8/12	
35	12-20	2-7/8"φ	2-1"φ	8	3/8	3,3/12	
36	12-20	2-5/8"φ *	2-5/8"φ	8	3/8	3,3/12	
37	14-22	2-1⅛ Sq.	2-1" Sq. Ext 6'-0" into E38	18	1/2	3,3/6,3/9,3/12	
38	14-20	2-1"φ *	2-1" Sq.	14	3/8	3,3/6,3/9,2/12	
39	12-34½	2-3/8"φ Bott; 2-1"φ Top B		-	3/8	18" o.c.	
40	12-20	2-7/8"φ	2-7/8"φ	16	3/8	3,7/12	
41	16-24	2-1⅛ Sq.	2-1⅛ Sq.	20	1/2	3,3/6,3/9,3/12	
42	14-20	2-1⅛ Sq. Bott*	2-1⅛ Sq. Str in Top B	8	3/8	3,3/12	
43	14-26	2-1" Sq.	2-1" Sq.	34	1/2	3,16/6	
44	14-24	2-5/8"φ *	2-1"φ	18	3/8	3,8/12	
45	12-20	2-7/8"φ	2-5/8"φ	18	3/8	3,8/12	
46	14-24	2-3/4"φ Bott*; 2-1" Sq. Top B		6	3/8	3,2/12	
47	14-24	2-1⅛ Sq.	2-1" Sq.	22	3/8	3,10/10	
48	16-24	2-1⅛ Sq.*; 2-1⅛ Sq. at Col. V18 Ext 8'-0" into R49	2-1⅛ Sq. 5'-0" into R47	18	1/2	3,2/6,3/9,3/12	
49	16-30	2-1" Sq.; 1-1" Sq.	2-1" Sq.	38	1/2	3,18/5	
50	16-24	2-5/8"φ	2-1"φ	16	3/8	3,7/12	
51	14-34½	2-7/8"φ Bott; 2-1"φ Top B		-	3/8	18" o.c.	
52	14-22	2-5/8"φ	2-1"φ	16	3/8	3,7/12	
53	16-20	2-7/8"φ Bott; 2-1⅛ Sq. Top B		16	1/2	3,7/6	
54	10-34½	2-3/4"φ Bott; 2-1"φ Top B		-	3/8	18" o.c.	
55	14-24	2-5/8"φ	2-1"φ	14	3/8	3,9,5/12	
56	14-20	2-5/8"φ Bott; 2-1" Sq. Top B		8	3/8	3,3/12	
57	14-28	4-1⅛ Sq.		30	1/2	3,14/6	
58	9-34½	2-5/8" St. Bott	1-3/4"φ; 2-1⅛ Sq. Top B	-	3/8	3,2/12,18" o.c.	
59	9-34½	1-5/8"φ	2-3/4"φ bent-up at Col G19 only	-	3/8	18" o.c.	
60	14-22	2-1⅛ Sq.◊	2-1" Sq. St. extend 6'-6" into R61 & R62	26◊	3/8◊	3,6/6,6/9,2/12 ◊◊◊	
61	10-12	1-1"φ	2-5/8"φ	6	3/8	3,5/12	
62	12-20	2-1"φ	2-1" Sq.	20	3/8	3,5/6,3/9,3/12	
63	14-22	2-5/8"φ Bott	2-1⅛ Sq. extend 5' into adj. spans	8◊	3/8	3,3/12◊	
64	9-34½	2-3/4"φ Bott; 2-3/4"φ Top B		-	3/8	18" o.c.	
65	20-22	2-1⅛ Sq. Bott; 1-1" Sq. 8'-0" in Top at Col G19		12◊	3/8◊	3/12◊	
66	12-16	2-5/8"φ Bott	2-3/4"φ St in Top From E11 Ext 5'-0" into R67				
67	12-16	2-3/4"φ	2-7/8"φ	6	3/8	3,2/12	
68	12-34½	2-7/8"φ Bott; 2-3/4"φ Top B		-	3/8	18" o.c.	
69	12-18	2-7/8"φ	2-7/8"φ	8	3/8	3,3/12	
70	12-18	2-5/8"φ Bott	2-7/8"φ St in Top from E69 Ext 5'-0" into E71	6	3/8	3,2/12	
71	12-18	2-5/8"φ	2-5/8"φ	16	3/8	3,4/6,4/9,3/12	
72	16-22	See Detail Sht S6		16	3/8	3,7/12	
73	12-18	2-3/4"φ Str in Bott Ext 5'-0" into E74 & 2'-0" into E74		8	3/8	3,3/12	
74	12-18	2-1"φ *	2-5/8"φ	16	3/8	3,6,6/12	
75	16-22	See Detail Sht S6		16	3/8	3,7/12	
76	12-18	2-5/8"φ Str in Bott	2-1"φ Ext into R75	6	3/8	3,2/12	
77	16-22	See Detail Sht S6		16	3/8	3,7/12	
78	12-35½	2-5/8"φ	2-1⅛ Ext 5'-0" into R130	6	3/8	3,7/24	Similar to Detail at B86
79	12-18	2-3/8"φ Bott; 2-3/4"φ Str in Top from R80 Ext 5'-0" into R78					
80	9-34½	2-3/4"φ Bott; 2-1"φ Top B		-	3/8	18" o.c.	
81	14-22	2-5/8"φ Bott; 1-5/8"φ Top B	2-1"φ Str in Top From R85 Full Length				
82	9-34½	2-3/4"φ Bot; 2-1"φ Top		-	3/8	18" o.c.	
83	12-18	2-3/4"φ *	1-1"φ	8	3/8	3,3/12	
84	12-18	2-1"φ *	2-1"φ	12	3/8	3,5/9	
85	14-24	2-1"φ	2-1"φ	18	1/2	3,8/12	
86	8-12	1-5/8"φ	1-5/8"φ				
87	9-34½	2-7/8"φ Bott; 2-1"φ Top B		-	3/8	18" o.c.	
88	14-24	2-7/8"φ *	2-1⅛ Sq.	18	1/2	3,8/12	
89	14-24	2-1"φ *	2-1" Sq.	16	1/2	3,8/12	
90	12-18	2-7/8"φ	2-7/8"φ Ext 8'-0" into R84	8	3/8	3,9/12	
91	12-18	2-1"φ	2-1"φ	16	3/8	3,4/6,2/9,12	
92	12-18	2-7/8"φ	2-7/8"φ Ext 7'-0" into R89	16	1/2	3,3/6,3/9,4/12	
93	14-20	2-5/8"φ Bott 6'-0" into R89 &	2-7/8"φ Top Ext 2'-6" into R96				
94	12-20	2-1" Sq.	2-1"φ Bt. at Col V19 only				
95	12-18	2-7/8"φ *	2-1"φ	10	3/8	3,4/12	
96	12-22	2-3/4"φ *	2-1"φ	14	3/8	3,6/12	
97	12-22	2-1"φ	2-1"φ	22	3/8	3,4/6,2/9,3/12	
98	12-18	2-3/4"φ *	2-1"φ	20	3/8	3,5/6,3/9,2/12	
99	12-16◊	2-5/8"φ Bott*	2-7/8"φ St in Top B	6	3/8	3,2/12	
100	16-26◊	2-1" Sq.; 1-1⅛ Sq.	3-1⅛"φ bottom◊; 2-1⅛ Sq.	34	1/2	3,16/5	
101	12-14	2-3/4"φ	2-3/4"φ	6	3/8	3,2/9	
102	12-18	2-5/8"φ	2-3/4"φ				
103	12-18	2-7/8"φ	2-7/8"φ Ext 8'-0" into R102				
104	14-22	2-1"φ Bott*; 2-1"φ Top B		8	3/8	3,3/12	
105	16-24	3-1⅛ Sq.	2-1" Sq.	20	1/2	3,5/6,4/12	
106	16-24	2-1⅛ Sq.	2-1"φ	18	1/2	3,8/12	
107	9-33¾	2-3/4"φ Bott; 1-1"φ Top B		-	3/8	18" o.c.	
108	9-33¾	2-3/4"φ Bott; 2-7/8"φ Top B		-	3/8	18" o.c.	
109	9-33¾	3-3/4"φ Bott; 3-7/8"φ Top		-	3/8	3,3/12,18" o.c.	
110	9-33¾	1-7/8"φ	2-3/4"φ	-	3/8	3,2/12,18" o.c.	
111	6-10	1-5/8"φ	1-5/8"φ			◊◊◊	
112	8-24	2-1" Sq. Bott; 2-3/4"φ Top		10◊	1/2	3,3/12◊,2/6,3/9,1/12	
113	11½-33¾	3-1"φ Bott; 3-1"φ Top B		-	3/8	3,3/12,18" o.c.	
114	9-33¾	3-3/4"φ Bott; 3-7/8"φ Top B		-	3/8	3,4/12,18" o.c.	
115	13-29	3-3/4"φ Bott		-	3/8	18" o.c.	
116	13-29	3-3/4"φ Top	Continuous	-	3/8	3,3/12,18" o.c.	
117	14-22	2-1⅛ Sq.	2-1"φ	18	3/8	3,4/9,4/12	
118	14-20	2-3/8"φ Bott*; From R119 Ext 5'-0" into R117	2-1"φ Str in Top	6	3/8	3,2/12	
119	12-22	2-1" Sq.	2-1"φ				
120	14-22	2-1⅛ Sq.	2-1" Sq.	32	1/2	3,15/6	
121	14-20	2-1⅛ Bott*	2-1⅛ Sq. St in Top	8	3/8	3,3/12	
122	11½-33¾	3-1"φ Bott.; 3-1"φ Top B		-	3/8	3,3/12,18" o.c.	
123	12-16	2-7/8"φ	1-1"φ				
124	14-34½	2-3/8"φ Bott; 2-1" Sq. Top B		6	3/8	3,2/12	
125	14-26	2-1" Sq. *	2-1⅛ Sq.	28	1/2	3,6/6,5/9	
126	14-20	2-1⅛ Sq. Bott*; into R127 - 2-1⅛ Sq.; R127 Ext 5'-0" into R125	2-1⅛ Sq. Str in Top From R125 Ext 5'-0"	10	3/8	3,4/12	
127	14-26	2-1⅛ Sq.	2-1⅛ Sq.	22	1/2	3,10/10	
128	14-24	2-1⅛ Sq.	2-1⅛ Sq.	18	1/2	3,8/10	
129	14-20	2-1⅛ Sq. Bott*; From R128 Ext 6'-0" into R130; 2-1⅛ Sq. Str in Top From R130 Ext 6'-0" into R128	2-1⅛ Sq. Str in Top	8	3/8	3,3/12	

SUB BASEMENT BEAM SCHEDULE

Mark	Size T-D	Straight Bars	Bent Bars	Stirrups (Round) No	Size	Spacing	Remarks
SB1	14-14	2-1"φ	2-1"φ	8	3/8	3,3/8	
SB2	14-14	2-1"φ	2-1"φ	12	1/2	3,3/8,2/10	
SB3	10-14	2-5/8"φ					
SB4	8-14	2-5/8"φ					
SB5	12-14	3-5/8"φ					
SB6	8-14	2-1/2"φ Top Cont.; 2-1/2"φ Bott. Cont.					

NOTE FOR BEAM SCHEDULE:
Where 2 adjacent spandrel beams have same steel in top or bottom disregard symbols * & B and make steel continuous where possible. This note does not apply to bent bars.

ROOF OVER FOURTH FLOOR, PENTHOUSE FLOOR, & PENTHOUSE ROOF BEAM SCHEDULE

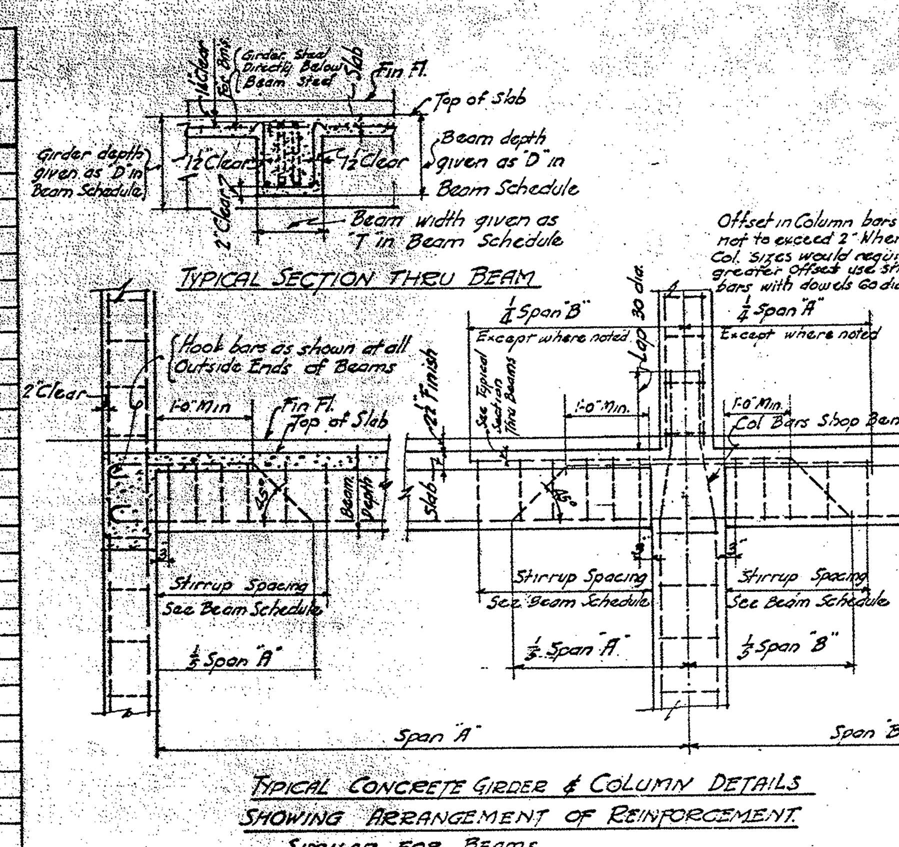
Mark R	Size T-D	Straight Bars	Bent Bars	Stirrups No	Size	Spacing	Remarks
130	14-22	2-1⅛ Sq.	2-1⅛ Sq.	28	1/2	3,7/6,6/9	
131	12-16	3-3/4"φ Bott; 3-3/4"φ Str in Top	Continuous	-	3/8	18" o.c.	
132	14-20	2-3/8"φ Bott; 2-1"φ Str in Top From R133 Full Length					
133	15½-33¾	4-1" Sq. St.; 3-1" Sq. St. Centered on Col U16	2-1" Sq. + 14'-0" in Top	32	1/2	3,15/6	
134	15½-33¾	4-1" Sq. St.; 2-1⅛ Sq. St. in Top Centered on Col R16	2-1" Sq. 15'-0"	32	1/2	3,15/6	
135	15½-33¾	4-1" Sq. St.; 2-1⅛ Sq. St in Top Centered on Col R16	2-1" Sq. 15'-0"	32	1/2	3,15/6	
136	15½-33¾	2-3/4"φ Bott; 2-1" Sq. St in Top 7'-6" into R135 & R137	2-1" Sq. Extend 7'-6" into R138				
137	12-18	2-1"φ	2-3/4"φ	8	3/8	3,6/12	
138	9-34½	2-1"φ Bott; 2-5/8"φ Top		-	3/8	18" o.c.	
139	12-22	2-1" Sq.	2-1"φ				
140	12-20	2-5/8"φ	2-5/8"φ	8	3/8	3,9,2/12	
141	12-20	2-3/4"φ Bott*; 2-1"φ Top		8	3/8	3,3/12	
142	12-20	2-1"φ	2-1"φ	20	1/2	3,3/6,3/9,5/12	
143	12-18	2-3/8"φ Bott*; 2-3/4"φ Top B		6	3/8	3,2/12	
144	12-22	2-1" Sq.	2-1"φ	20	1/2	3,6/6,4/12	
145	14-22	2-1⅛ Sq.◊	2-1" Sq.	26◊	3/8	3,8/12◊,6/9,5/12 ◊◊	
146	12-16	2-7/8"φ	1-7/8"φ				
147	12-24	2-7/8"φ *	2-1" Sq.	18	3/8	3,8/12	
148	12-26	2-5/8"φ	2-7/8"φ	18	3/8	3,8/12	
149	14-20	4-1" Sq. Bott*; 2-1⅛ Sq. St in Top From R150 Ext 5'-0" into R132	From R130 Ext; 2-1⅛ Sq. St in Top	8	3/8	3,3/12	
150	12-16	2-5/8"φ Bott	2-1"φ St in Top from R149 Ext 2'-0" into R151				
151	12-20	2-1" Sq.	2-1"φ Bt. at Col V18 only				
152	14-22	2-1" Sq.	2-1" Sq.	16	3/8	3,7/12	
153	14-20	2-1⅛ Sq. Bott; 2-1⅛ Sq. St in Top from R152 Ext 5'-0" into R153	From R130 Ext 5'-0" into R152; 2-1" Sq. St in Top From R153 Ext 5'-0" into R130	8	3/8	3,3/12	
154	14-20	2-1" Sq. Bott*; 1-1⅛ Sq.	2-1⅛ Sq. St in Top	8	3/8	3,3/12	
155	10-14	2-5/8"φ	2-5/8"φ	6	3/8	3,2/12	
156	9-24	2-3/4"φ	1-3/4"φ				
157	9-24	1-3/4"φ	2-3/4"φ				
158	12-18	2-1"φ	2-7/8"φ	6	3/8	3,2/12	
159	12-24	2-3/4"φ	2-3/4"φ				
160	12-24	2-5/8"φ Bott; 2-3/4"φ Top B					
161	9-24	2-3/8"φ Bott Continuous; 2-3/8"φ Top Cont. Ext 5'-0" in R162					
162	9-24	2-1"φ	1-1"φ	12	3/8	3,5/12	
163	14-20	2-7/8"φ	2-7/8"φ	16	3/8	3,7/12	
164	14-20	2-5/8"φ	2-7/8"φ				
165	14-20	2-3/4"φ	2-3/4"φ	16	3/8	3,7/6	
166	12-24	2-7/8"φ	2-7/8"φ	14	3/8	3,6/12	
167	9-24	2-3/8"φ Bott; 2-1"φ Top B					
168	12-51½	See Detail Sht S6					
169	9-24	2-3/8"φ Bott; 2-1" Sq. Top B		4	3/8	3,12	
170	9-42½	2-1" Sq.	2-3/4"φ 5'-0" in Top at Col C9 HK End				
171	9-24	2-1"φ	1-1"φ	16	3/8	3,2/6,4/9,3/12	
172	9-24	2-5/8"φ Bott; 2-1"φ Top B		6	3/8	3,2/12	
173	9-24	2-3/8"φ Bott; 2-5/8"φ Top B					
174	12-16	2-7/8"φ	2-3/4"φ				
175	14-20	2-1" Sq.	2-1"φ	20	3/8	3,3/6,3/9,3/12	
176	14-24	2-5/8" St. Bott					
177	12-39¾	2-1" St in Bott*; 2-1"φ in top Full Length of R176 & 7'-0" into R178					See Detail S6
178	12-20	2-3/4"φ *	2-1"φ	8	3/8	3,3/12	
179	9-24	2-5/8"φ Bott; 2-5/8" St in Top From R150 Extend 5'-6" into R162					
180	9-24	2-5/8"φ Bott; 2-3/4"φ Top					

COLUMN AND FOOTING SCHEDULE

Floor \ Col No.	V6 V10	V7 V8	V15	V16	V17 K19	U15	U16	U18	U19	U21	T6	T7 T8	T10	T16	T18	T19	T21	S6	S7 S8	S10	R16 P16	R18 P18	R19 P19	R21 P21	Q6,Q10 N6,N10 L6	Q7,Q8 N7	M13	M14	M15	L7	L10	L11	L12	L13	L16	L18	L19
Pent House Roof																																					
Pent House Floor & Roof over 4th Fl																																					
4th Fl	16-21 6-1"φ	16-14 4-7/8"φ	14-14 4-7/8"φ	14-38 12-7/8"φ	14-14 4-7/8"φ	14-14 4-7/8"φ	14-12 4-7/8"φ	16-12 4-7/8"φ	16-12 4-7/8"φ	28-14 8-7/8"φ	37-16 10-1"φ	16-12 4-7/8"φ	24½-16 10-7/8"φ	16-18 6-1"φ	14-16 4-7/8"φ	14-16 4-7/8"φ	32-14 8-7/8"φ	21½-16 6-1"φ	14-12 4-7/8"φ	14-14 4-7/8"φ	16-18 6-1"φ	14-16 4-7/8"φ	14-16 4-7/8"φ	14-16 4-1" Sq.	14-12 6-7/8"φ	14-12 4-7/8"φ	14-16 4-1"φ	16-18 8-1" Sq.	15-26 8-1"φ	14-14 4-7/8"φ	14-22 6-1"φ	14-14 4-7/8"φ	14-14 4-7/8"φ	14-14 4-7/8"φ	18-14 6-7/8"φ	14-12 4-7/8"φ	14-12 4-7/8"φ
3rd Fl	16-21 6-1"φ	16-14 4-7/8"φ	14-14 4-7/8"φ	14-42 12-7/8"φ	14-14 4-7/8"φ	14-14 4-7/8"φ	14-12 4-7/8"φ	16-12 4-7/8"φ	16-12 4-7/8"φ	32-14 8-7/8"φ	41-16 10-1"φ	16-14 4-1"φ	28½-16 10-7/8"φ	18-24 12-1⅛ Sq.	14-16 4-7/8"φ	14-16 6-1" Sq.	32-14 8-7/8"φ	21½-16 6-1"φ	14-14 4-7/8"φ	14-14 4-7/8"φ	18-24 12-1⅛ Sq.	14-16 6-7/8"φ	16-16 8-1" Sq.	14-16 6-1" Sq.	14-14 6-1⅛ Sq.	14-14 6-1"φ	14-16 4-1"φ	16-18 8-1⅛ Sq.	15-26 8-7/8"φ	14-16 6-1"φ	14-22 6-1" Sq.	14-14 4-7/8"φ	14-14 4-1"φ	14-16 6-1"φ	18-14 6-1"φ	14-12 4-7/8"φ	14-14 6-1"φ
2nd Fl	16-21 6-1"φ	18-14 6-1"φ	14-12 4-7/8"φ	14-42 12-7/8"φ	16-14 6-1"φ	14-14 4-7/8"φ	14-14 6-1" Sq.	16-12 4-7/8"φ	16-14 6-1"φ	32-14 8-7/8"φ	41-16 10-1"φ	18-16 8-1" Sq.	28½-16 10-7/8"φ	20-24 12-1⅛ Sq.	14-16 6-1"φ	16-18 8-1⅛ Sq.	32-14 8-7/8"φ	21½-16 6-1"φ	16-14 6-1"φ	14-14 6-1" Sq.	22-24 12-1⅛ Sq.	16-16 8-1" Sq.	20-20 10-1⅛ Sq.	17-16 8-1⅛ Sq.	16-16 8-1⅛ Sq.	18-16 8-1" Sq.	14-16 4-1"φ	16-25½ 12-1⅛ Sq.	15-26 8-7/8"φ	16-18 10-1" Sq.	14-22 8-1⅛ Sq.	16-14 6-1"φ	16-16 8-1"φ	16-18 8-1" Sq.	18-18 8-1⅛ Sq.	14-14 6-1"φ	16-16 8-1" Sq.
1st Fl	16-21 6-1"φ	20-14 8-1" Sq.	14-14 4-7/8"φ	14-42 12-7/8"φ	16-16 8-1" Sq.	14-14 6-1"φ	16-16 6-1"φ	16-14 6-1"φ	16-16 8-1" Sq.	32-14 8-7/8"φ	41-16 10-1"φ	20-18 12-1⅛ Sq.	28½-16 10-7/8"φ	22-24 12-1⅛ Sq.	16-16 8-1" Sq.	18-20 12-1⅛ Sq.	32-14 8-7/8"φ	21½-16 6-1"φ	18-16 8-1"φ	16-16 8-1" Sq.	26-28 18-1⅛ Sq.	18-20 8-1⅛ Sq.	22-24 12-1⅛ Sq.	17-22 10-1⅛ Sq.	16-18 10-1⅛ Sq.	20-18 10-1⅛ Sq.	14-16 4-1"φ	16-26 12-1⅛ Sq.	15-26 8-1" Sq.	18-20 10-1⅛ Sq.	17-24 10-1⅛ Sq.	18-16 8-1" Sq.	18-17 8-1⅛ Sq.	18-20 10-1⅛ Sq.	20-20 10-1⅛ Sq.	16-16 8-1"φ	18-20 8-1⅛ Sq.
Bst Sty Top of Ftg	20-25 8-1"φ	20-26 8-1" Sq.	18-18 4-1" Sq.	18-46 12-1"φ	16-28 8-1" Sq.	18-18 6-1"φ	20-16 8-1⅛ Sq.	18-16 8-1" Sq.	18-18 8-1⅛ Sq.	36-18 10-1"φ	45-20 12-1"φ	24-20 12-1⅛ Sq.	32½-20 12-7/8"φ	26-24 16-1⅛ Sq.	18-18 8-1⅛ Sq.	20-24 12-1⅛ Sq.	36-18 10-1"φ	25½-20 8-1"φ	20-16 10-1" Sq.	20-16 8-1" Sq.	30-28 20-1⅛ Sq.	20-22 12-1⅛ Sq.	26-26 16-1⅛ Sq.	40-22 12-1⅛ Sq.	20-18 12-1⅛ Sq.	22-20 12-1⅛ Sq.	18-20 6-1"φ	16-30 12-1⅛ Sq.	21-26 10-1" Sq.	20-22 12-1⅛ Sq.	21-24 10-1⅛ Sq.	18-20 8-1" Sq.	18-20 8-1⅛ Sq.	22-24 10-1⅛ Sq.	24-22 12-1⅛ Sq.	18-18 8-1⅛ Sq.	20-22 12-1⅛ Sq.
Footing	6'-8"×6'-8" ×1'-11" thk. 17-7/8" e.w.	7'-0"×7'-0" ×2'-1" thk. 20-5/8" e.w.	6'-6"×6'-6" ×1'-6" thk. 10-5/8" e.w.	6'-3"×6'-3" ×1'-10" thk. 16-5/8" e.w.	6'-3"×6'-3" ×1'-10" thk. 16-5/8" e.w.	5'-6"×5'-6" ×1'-8" thk. 13-5/8" e.w.	6'-8"×6'-8" ×1'-11" thk. 17-5/8" e.w.	5'-11"×5'-11" ×1'-9" thk. 14-5/8" e.w.	7'-0"×7'-0" ×2'-1" thk. 20-5/8" e.w.	5'-11"×5'-11" ×1'-9" thk. 14-7/8" e.w.	7'-11"×7'-11" ×2'-1" thk. 16-7/8" e.w.	8'-3"×8'-3" ×2'-2" thk. 19-7/8" e.w.	7'-11"×7'-11" ×2'-1" thk. 16-7/8" e.w.	10'-0"×10'-0" ×2'-5" thk. 27-7/8" e.w.	6'-8"×6'-8" ×1'-11" thk. 17-7/8" e.w.	8'-8"×8'-8" ×2'-3" thk. 21-7/8" e.w.	6'-8"×6'-8" ×1'-11" thk. 17-7/8" e.w.	6'-3"×6'-3" ×1'-10" thk. 16-7/8" e.w.	6'-8"×6'-8" ×1'-11" thk. 17-7/8" e.w.	6'-3"×6'-3" ×1'-10" thk. 16-7/8" e.w.	11'-9"×11'-9" ×2'-10" thk. 29-7/8" e.w.	8'-3"×8'-3" ×2'-2" thk. 18-7/8" e.w.	10'-2"×10'-2" ×2'-6" thk. 30-7/8" e.w.	8'-0"×8'-0" ×2'-1" thk. 16-7/8" e.w.	7'-3"×7'-3" ×2'-1" thk. 21-7/8" e.w.	8'-3"×8'-3" ×2'-2" thk. 19-7/8" e.w.	4'-6"×4'-6" ×1'-6" thk. 10-7/8" e.w.	8'-4"×8'-4" ×2'-2" thk. 19-7/8" e.w.	7'-6"×7'-6" ×2'-1" thk. 16-7/8" e.w.	8'-3"×8'-3" ×2'-2" thk. 19-7/8" e.w.	8'-4"×8'-4" ×2'-2" thk. 19-7/8" e.w.	6'-8"×6'-8" ×1'-11" thk. 17-7/8" e.w.	7'-0"×7'-0" ×2'-0" thk. 19-7/8" e.w.	8'-0"×8'-0" ×2'-1" thk. 16-7/8" e.w.	8'-8"×8'-8" ×2'-3" thk. 21-7/8" e.w.	6'-8"×6'-8" ×1'-11" thk. 17-7/8" e.w.	8'-3"×8'-3" ×2'-2" thk. 18-7/8" e.w.

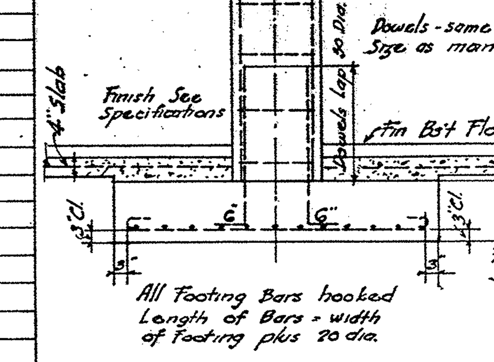
Floor \ Col No.	L21	L22	L23 L24	L24½	D26 M26	K17 K20	K19	H5	H6	H7	H8	H9	H10	H11	H12	H14	H15	H22	H23 H24	H25	G10	G11	G12 G13 G14	G15	G17	G19	G20	G22	G23 G24	G25	E5 F5	F6	F17	F19	K26 F26	E6	E7
Pent House Roof																																					
Pent House Floor & Roof over 4th Fl						12-12 4-7/8"φ	14-12 4-7/8"φ			12-12 4-7/8"φ	14-12 4-7/8"φ	18-12 6-7/8"φ	12-12 4-7/8"φ								12-12 4-7/8"φ				12-12 4-7/8"φ	14-12 4-7/8"φ	14-12 4-7/8"φ	12-12 4-7/8"φ					12-12 4-7/8"φ	14-12 4-7/8"φ			14-12 4-7/8"φ
4th Fl	14-12 4-7/8"φ	14-14 4-7/8"φ	14-18 4-7/8"φ	14-12 4-7/8"φ	17-14 4-7/8"φ	14-14 4-1"φ	20-14 6-7/8"φ	14-16 4-7/8"φ	20½-19 8-7/8"φ	31½-14 8-7/8"φ	16-16 6-1"φ	18-14 6-7/8"φ	14-14 4-1"φ	14-12 4-7/8"φ	17-12 6-7/8"φ	14-16 8-1" Sq.	14-16 8-1" Sq.	27-12 8-7/8"φ	14-12 4-7/8"φ	14-12 4-7/8"φ	14-14 4-1"φ	14-12 6-1"φ	14-14 8-7/8"φ	16-12 4-7/8"φ	14-14 4-7/8"φ	20-14 6-7/8"φ	14-16 6-1" Sq.	14-14 6-1" Sq.	14-14 8-7/8"φ	18-12 6-7/8"φ	14-14 4-7/8"φ	14-14 4-7/8"φ	14-16 6-7/8"φ	14-18 6-1" Sq.	14-14 4-7/8"φ	14-18 6-7/8"φ	26½-18 6-1"φ
3rd Fl	14-12 6-7/8"φ	14-14 4-7/8"φ	14-16 6-1"φ	14-12 4-7/8"φ	21-14 6-7/8"φ	14-16 6-1" Sq.	20-14 8-1"φ	14-14 4-7/8"φ	20½-19 8-7/8"φ	31½-14 8-7/8"φ	16-16 8-1" Sq.	18-14 6-1"φ	16-14 8-1"φ	14-12 4-7/8"φ	17-12 6-7/8"φ	16-18 8-1⅛ Sq.	16-18 8-1⅛ Sq.	27-12 8-7/8"φ	14-14 6-1"φ	14-12 4-7/8"φ	16-14 8-1"φ	14-14 6-1" Sq.	16-16 8-1" Sq.	16-14 6-1"φ	14-16 6-1" Sq.	20-14 8-1"φ	16-16 8-1" Sq.	16-16 8-1" Sq.	16-16 8-1" Sq.	18-12 6-7/8"φ	14-14 4-7/8"φ	14-14 4-7/8"φ	14-16 8-1"φ	16-18 8-1"φ	14-14 4-7/8"φ	16-18 8-1" Sq.	26½-18 10-1" Sq.
2nd Fl	16-14 8-1"φ	14-14 6-1" Sq.	16-16 8-1" Sq.	14-16 6-1"φ	21-14 6-7/8"φ	16-18 8-1" Sq.	20-16 8-1" Sq.	14-14 6-7/8"φ	20½-19 8-1"φ	31½-14 10-1"φ	18-18 10-1" Sq.	18-16 8-1" Sq.	18-16 8-1" Sq.	14-14 6-1" Sq.	17-16 6-1" Sq.	20-20 10-1⅛ Sq.	20-20 10-1⅛ Sq.	27-14 8-1"φ	16-16 8-1" Sq.	14-14 6-1"φ	16-16 8-1" Sq.	16-18 8-1" Sq.	20-18 10-1⅛ Sq.	18-18 8-1" Sq.	16-18 8-1" Sq.	20-16 8-1" Sq.	18-18 10-1" Sq.	20-18 10-1" Sq.	20-18 10-1⅛ Sq.	18-14 8-1"φ	14-16 8-1"φ	14-14 4-7/8"φ	16-16 8-1"φ	16-18 8-1" Sq.	14-14 6-1" Sq.	20-20 10-1⅛ Sq.	26½-18 12-1⅛ Sq.
1st Fl	17-18 8-1" Sq.	16-16 8-1" Sq.	20-17 10-1⅛ Sq.	18-17 8-1" Sq.	21-14 6-7/8"φ	18-20 8-1⅛ Sq.	20-18 10-1" Sq.	16-16 10-1" Sq.	20½-19 12-1" Sq.	31½-16 10-1⅛ Sq.	18-22 12-1" Sq.	18-18 10-1" Sq.	18-18 10-1" Sq.	16-16 8-1" Sq.	18-18 8-1" Sq.	22-22 12-1⅛ Sq.	22-22 12-1⅛ Sq.	27-14 8-1"φ	18-18 10-1⅛ Sq.	16-18 6-1"φ	18-16 10-1" Sq.	18-20 8-1⅛ Sq.	22-20 10-1⅛ Sq.	20-20 12-1⅛ Sq.	18-20 8-1⅛ Sq.	20-18 8-1⅛ Sq.	20-20 10-1⅛ Sq.	22-20 10-1⅛ Sq.	22-22 10-1⅛ Sq.	20-18 10-1" Sq.	16-18 8-1" Sq.	14-14 6-7/8"φ	16-16 8-1" Sq.	18-18 8-1⅛ Sq.	16-16 10-1" Sq.	22-24 12-1⅛ Sq.	26½-22 12-1⅛ Sq.
Bst Sty Top of Ftg	39-20 10-1" Sq.	16-20 8-1" Sq.	20-21 10-1⅛ Sq.	20-21 10-1"φ	25-18 6-1" Sq.	20-20 12-1⅛ Sq.	20-18 10-1⅛ Sq.	20-20 8-1"φ	20½-23 12-1" Sq.	31½-18 12-1⅛ Sq.	18-26 12-1⅛ Sq.	18-20 10-1⅛ Sq.	20-18 10-1⅛ Sq.	18-18 8-1⅛ Sq.	18-20 8-1⅛ Sq.	24-24 12-1⅛ Sq.	24-22 12-1⅛ Sq.	27-14 8-1⅛ Sq.	20-20 10-1⅛ Sq.	18-20 8-1" Sq.	20-18 10-1⅛ Sq.	20-22 10-1⅛ Sq.	24-22 12-1⅛ Sq.	22-22 12-1⅛ Sq.	20-20 12-1⅛ Sq.	20-20 12-1⅛ Sq.	20-22 12-1⅛ Sq.	24-22 12-1⅛ Sq.	24-24 12-1⅛ Sq.	22-24 10-1" Sq.	18-20 10-1" Sq.	16-16 6-1"φ	20-20 8-1" Sq.	18-20 10-1⅛ Sq.	20-16 10-1⅛ Sq.	24-26 16-1⅛ Sq.	26½-26 16-1⅛ Sq.
Footing	7'-3"×7'-3" ×2'-1" thk. 21-7/8" e.w.	6'-6"×6'-6" ×1'-11" thk. 16-7/8" e.w.	7'-3"×7'-3" ×2'-1" thk. 21-7/8" e.w.	7'-0"×7'-6" ×2'-1" thk. 20-7/8" e.w.	5'-11"×6'-11" ×1'-9" thk. 14-7/8" e.w.	7'-9"×7'-9" ×2'-1" thk. 16-7/8" e.w.	7'-3"×7'-3" ×2'-1" thk. 21-7/8" e.w.	6'-2"×6'-2" ×1'-10" thk. 15-7/8" e.w.	8'-3"×8'-3" ×2'-2" thk. 18-7/8" e.w.	9'-0"×9'-0" ×2'-3" thk. 23-7/8" e.w.	8'-4"×8'-4" ×2'-2" thk. 19-7/8" e.w.	9'-0"×9'-0" ×2'-4" thk. 26-7/8" e.w. See Sht S1.	7'-3"×7'-3" ×2'-1" thk. 21-7/8" e.w. See Sht S1.	6'-10"×6'-10" ×1'-11" thk. 18-7/8" e.w.	7'-3"×7'-3" ×2'-1" thk. 21-7/8" e.w.	9'-4"×9'-4" ×2'-4" thk. 24-7/8" e.w.	8'-8"×8'-8" ×2'-3" thk. 24-7/8" e.w.	7'-0"×7'-0" ×2'-0" thk. 19-7/8" e.w.	8'-0"×8'-0" ×2'-1" thk. 16-7/8" e.w.	6'-8"×6'-8" ×1'-11" thk. 17-7/8" e.w.	7'-8"×7'-8" ×2'-1" thk. 16-7/8" e.w.	8'-3"×8'-3" ×2'-2" thk. 18-7/8" e.w.	9'-4"×9'-4" ×2'-4" thk. 24-7/8" e.w.	8'-5"×8'-5" ×2'-2" thk. 19-7/8" e.w.	8'-0"×8'-0" ×2'-1" thk. 16-7/8" e.w.	8'-0"×8'-0" ×2'-1" thk. 16-7/8" e.w.	8'-0"×8'-0" ×2'-1" thk. 16-7/8" e.w.	8'-6"×8'-6" ×2'-2" thk. 19-7/8" e.w.	9'-4"×9'-4" ×2'-4" thk. 24-7/8" e.w.	7'-11"×7'-11" ×2'-1" thk. 16-7/8" e.w.	7'-0"×7'-0" ×2'-1" thk. 20-1/2" e.w.	5'-6"×5'-6" ×1'-8" thk. 13-1/2" e.w.	6'-8"×6'-8" ×1'-11" thk. 17-7/8" e.w.	7'-3"×7'-3" ×2'-1" thk. 21-1/2" e.w.	7'-3"×7'-3" ×2'-1" thk. 21-1/2" e.w.	9'-9"×9'-9" ×2'-5" thk. 26-7/8" e.w.	10'-2"×10'-2" ×2'-6" thk. 30-7/8" e.w.

Floor \ Col No.	E9	E20	D10	D11 D12 D13 D14 D15	D17	D22	D23 D24	D25	C5	C7	B7	C9	C17 C22	C19	C20	B5	B6	B9	B10	A17 A22	A18 A21	A19 A20	N8	L8	H13	D1 G1	C2 H2	C3 H3	C4 H4	E2,E4 F2,F4		K8	C6A,E6A K7,K10	V21	H24½	M24½	M25
Pent House Roof																																					
Pent House Floor & Roof over 4th Fl	14-12 4-7/8"φ	14-12 4-7/8"φ	12-12 4-7/8"φ		12-12 4-7/8"φ	12-12 4-7/8"φ				14-12 4-7/8"φ		14-12 4-7/8"φ	12-12 4-7/8"φ	14-12 4-7/8"φ	14-12 4-7/8"φ			14-14 4-7/8"φ	14-14 4-7/8"φ		12-12 4-7/8"φ	12-12 4-7/8"φ										14-12 4-7/8"φ	12-12 4-7/8"φ				
4th Fl	16-16 8-1" Sq.	16-16 6-7/8"φ	14-14 6-7/8"φ	16-12 6-1" Sq.	14-14 4-7/8"φ	14-14 6-1"φ	16-17 6-1" Sq.	14-28 8-7/8"φ	21½-14 6-7/8"φ	14-16½ 6-7/8"φ	14-21 6-7/8"φ	14-16 4-1"φ	31-16 8-1"φ	16-16 8-1"φ	14-16 6-1"φ	14-21 6-7/8"φ	14-14 4-7/8"φ	14-14 4-7/8"φ	14-14 4-7/8"φ	14-14 4-7/8"φ	12-27½ 8-7/8"φ	12-19½ 6-7/8"φ	16-12 4-1"φ	16-14 4-1"φ	17-16 8-1" Sq.							℄ Girder		14-18 6-7/8"φ	14-12 4-7/8"φ	12-12 4-7/8"φ	14-21½ 6-7/8"φ
3rd Fl	18-20 8-1⅛ Sq.	14-16 6-1" Sq.	16-16 8-1"φ	16-17 6-1" Sq.	14-14 6-7/8"φ	18-16 8-1" Sq.	16-17 6-1" Sq.	14-28 8-1"φ	21½-14 6-7/8"φ	14-21½ 8-1" Sq.	14-21 6-7/8"φ	14-18 6-1" Sq.	31-16 8-1"φ	18-18 8-1" Sq.	16-16 8-1" Sq.	14-21 6-7/8"φ	16-14 6-1"φ	14-14 4-7/8"φ	14-14 4-7/8"φ	14-14 4-7/8"φ	12-27½ 8-7/8"φ	12-19½ 6-7/8"φ	16-14 6-1"φ	16-16 6-1"φ	17-18 8-1⅛ Sq.									14-22 6-1"φ	14-12 4-7/8"φ	14-16 4-7/8"φ	14-25½ 6-1"φ
2nd Fl	20-22 12-1⅛ Sq.	16-18 8-1⅛ Sq.	18-18 8-1⅛ Sq.	16-17 8-1⅛ Sq.	16-14 6-1"φ	22-17 10-1⅛ Sq.	16-17 8-1⅛ Sq.	14-28 8-1"φ	21½-14 6-7/8"φ	14-26 12-1⅛ Sq.	14-21 6-7/8"φ	14-22 10-1" Sq.	31-16 8-1"φ	20-20 10-1⅛ Sq.	20-16 10-1" Sq.	14-21 6-7/8"φ	20-14 10-1"φ	14-14 4-7/8"φ	14-14 4-7/8"φ	14-14 4-7/8"φ	12-27½ 8-7/8"φ	12-19½ 8-1"φ	18-16 8-1" Sq.	16-18 10-1" Sq.	20-20 10-1⅛ Sq.	Roof Over Auditorium								14-22 6-1"φ	14-12 6-7/8"φ	14-16 4-7/8"φ	14-25½ 6-1"φ
1st Fl	22-24 12-1⅛ Sq.	18-20 10-1" Sq.	18-37 12-1⅛ Sq.	18-36 12-1⅛ Sq.	16-36 10-1"φ	22-36 12-1⅛ Sq.	18-36 12-1⅛ Sq.	16-28 8-1⅛ Sq.	21½-14 6-1"φ	14-32 12-1⅛ Sq.	14-21 6-7/8"φ	14-26 12-1⅛ Sq.	31-16 10-1⅛ Sq.	22-20 12-1⅛ Sq.	20-20 10-1⅛ Sq.	14-21 6-7/8"φ	20-24 12-1"φ	14-14 4-7/8"φ	14-16 6-7/8"φ	14-14 6-1"φ	14-27½ 8-7/8"φ	14-38 12-1"φ	20-18 10-1⅛ Sq.	18-20 10-1⅛ Sq.	22-22 12-1⅛ Sq.	16-18 8-1⅛ Sq.	16-20 10-1⅛ Sq.	16-20 10-1⅛ Sq.	16-18 8-1⅛ Sq.					14-22 6-1"φ	14-14 6-1" Sq.	14-16 4-7/8"φ	14-25½ 6-1⅛ Sq.
Bst Sty Top of Ftg	26-26 12-1⅛ Sq.	20-22 10-1" Sq.	18-41 12-1⅛ Sq.	18-40 12-1⅛ Sq.	18-40 12-1"φ	22-40 12-1⅛ Sq.	18-40 12-1⅛ Sq.	18-32 10-1⅛ Sq.	25½-18 8-1"φ	18-32 12-1⅛ Sq.	18-25 8-1"φ	18-26 12-1⅛ Sq.	35-20 12-1⅛ Sq.	26-20 12-1⅛ Sq.	24-20 12-1⅛ Sq.	18-25 8-7/8"φ	20-28 12-1"φ	18-18 6-7/8"φ	18-20 6-1"φ	18-18 6-1"φ	18-31½ 8-1"φ	14-42 12-1"φ	22-20 12-1⅛ Sq.	20-22 12-1⅛ Sq.	22-24 12-1⅛ Sq.	20-22 8-1⅛ Sq.	20-24 10-1⅛ Sq.	20-24 10-1⅛ Sq.	16-26 10-1⅛ Sq.	14-12 4-1"φ				18-26 8-1"φ	16-16 10-1" Sq.	18-20 4-1" Sq.	18-29½ 6-1" Sq.
Footing	9'-8"×9'-8" ×2'-5" thk. 26-7/8" e.w.	7'-8"×7'-8" ×2'-1" thk. 16-7/8" e.w.	8'-4"×8'-4" ×2'-2" thk. 19-7/8" e.w.	8'-5"×8'-5" ×2'-2" thk. 19-7/8" e.w.	Combined with C17. See Sht S1.	Combined with C20. See Sht S1.	8'-5"×8'-5" ×2'-2" thk. 19-7/8" e.w.	7'-6"×7'-6" ×2'-1" thk. 16-7/8" e.w.	6'-2"×6'-2" ×1'-10" thk. 15-7/8" e.w.	Combined Ftg. See Sht S1.		8'-0"×8'-0" ×2'-1" thk. 16-7/8" e.w.	C17 D17 Combined; C22 D22 Combined. See Sht S1	8'-9"×8'-9" ×2'-3" thk. 22-7/8" e.w.	8'-5"×8'-5" ×2'-2" thk. 19-7/8" e.w.	4'-4"×4'-4" ×1'-6" thk. 10-7/8" e.w.	8'-0"×8'-0" ×2'-1" thk. 16-5/8" e.w.	4'-2"×4'-2" ×1'-6" thk. 9-7/8" e.w.	5'-1"×5'-1" ×1'-6" thk. 12-7/8" e.w.	5'-1"×5'-1" ×1'-6" thk. 12-7/8" e.w.	5'-1"×5'-1" ×1'-6" thk. 12-7/8" e.w.	6'-8"×6'-8" ×1'-11" thk. 17-7/8" e.w.	8'-3"×8'-3" ×2'-2" thk. 19-7/8" e.w.	8'-3"×8'-3" ×2'-2" thk. 19-7/8" e.w.	7'-3"×7'-3" ×2'-1" thk. 21-7/8" e.w.	Ftg. 8" thk. See Fndn Plan Sht S1	4'-2"×4'-2" ×1'-6" thk. 9-7/8" e.w.	4'-2"×4'-2" ×1'-6" thk. 9-7/8" e.w.	4'-6"×4'-6" ×1'-6" thk. 10-7/8" e.w.	3'-0"×3'-0" ×1'-2" thk. 6-7/8" e.w.				5'-6"×5'-6" ×1'-8" thk. 13-7/8" e.w.	6'-2"×6'-2" ×1'-10" thk. 15-7/8" e.w.	5'-1"×5'-1" ×1'-6" thk. 12-7/8" e.w.	7'-0"×7'-0" ×2'-0" thk. 19-7/8" e.w.

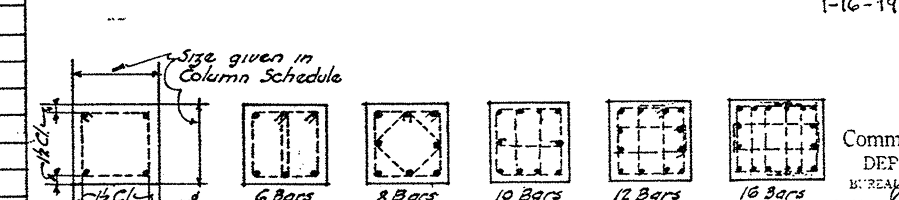


TYPICAL SECTION THRU BEAM

TYPICAL CONCRETE GIRDER & COLUMN DETAILS SHOWING ARRANGEMENT OF REINFORCEMENT. SIMILAR FOR BEAMS.



TYPICAL COLUMN FOOTING



TYPICAL COLUMN SECTIONS

Dimensions not shown same as for 4 Bar Typical Section
Bars in Exterior Cols and in Interior Cols H13-H14-H15 are to be in front & rear faces unless otherwise shown or noted.

GENERAL NOTES

1. All concrete shall have an estimated strength of 3300# /sq.in. at 28 days. For this strength the proportions of mix, amount of water per bag of cement, size of aggregate etc. are given in detail in the specifications under Concrete.
2. All concrete slabs shall be poured monolithic with concrete beams & girders
3. Provide the following in slabs at right angles to main reinforcing in all roof & floor slabs unless otherwise shown or noted
   4" to 5" Slabs - 3/8"φ 12" o.c.
   5½" to 6½" Slabs ½"φ - 12" o.c.
4. Provide 3/8"φ - 18" o.c. each way or 6"-6" #6 mesh for slabs bearing on ground, unless otherwise shown or noted.
5. Provide 0.032 Mesh in 2¼" finish on all floors
6. All stirrups in concrete beams shall be approved welded unit built type
7. All reinforcing bars shall lap at least 50 diams. at splices unless otherwise shown or noted.
8. Provide 3/8"φ - 4'-0" long 18" o.c. in top of slab over beams parallel to main slab reinforcement.
9. Wall footings are to have (4") projection (8") thick unless otherwise shown or noted.
10. For sizes and location of openings in floor slabs see Mechanical Plans.
11. Furring and partition tile are to be set on mortar bed at proper elevation leveled & plumbed before 2¼" floor finish is installed
12. All bars in beams and slabs are to be shop bent.
13. Column sizes in Column Schedule are arranged to indicate the orientation of the columns; the first dimension given is in the direction northwest & southeast the second dimension is southwest & northeast: thus a column given as 24"-18" indicates that the 24" dimension runs northwest & southeast and the 18" dimension southwest & northeast
14. Provide 2L's 4×3½×5/16 over all openings in interior brick walls unless otherwise shown or noted.
15. Provide reinforced tile lintels over openings in interior tile partitions as called for in specifications. Provide IL 4×4×¼ over openings in interior tile partitions from 6'-0" span to 8'-0" span; IL 6×4×3/8 over openings above 8'-0" spans
16. All reinforcing steel shop drawings are to be completely dimensioned showing location of footings, pits, columns beams, openings in slabs, etc. For location of pits and openings in floors see architectural plans.
17. Provide reinforced Tile Lintel in all exterior openings where neccessary to support tile backup.

◊ REVISED AS CONSTRUCTED 1-16-1950

APPROVED
Commonwealth of Pennsylvania
Department of Labor & Industry
Bureau of Inspection
Buildings Section
Checked By H.M.S.
Approved By [illegible] Chief
Approval Date [illegible]

REVISED	
6/19/47	NOTE-1-CHGD. R.H.M.

REGISTERED ARCHITECT PENNSYLVANIA G. W. PEPPER, JR. No. A 736

APPROVED	[signature] SECRETARY OF PROPERTY & SUPPLIES
APPROVED	[signature] CHIEF CONSTRUCTION ENGINEER OF PROPERTY & SUPPLIES
APPROVED	
SUBMITTED	G W Pepper Jr. ARCHITECT
ACCEPTED	[signature] CONTRACTOR

COMMONWEALTH OF PENNSYLVANIA REGISTERED PROFESSIONAL HORACE B. NICHOLSON ENGINEER No. 772

APPROVED
Commonwealth of Pennsylvania
DEPARTMENT OF WELFARE
BUREAU OF INSTITUTIONAL MANAGEMENT
Architect [signature] Date 5-20-47
Date
Secretary [signature] Date 5-22-47

HORACE B. NICHOLSON
CONSULTING ENGINEER
223 BROAD ST. STATION
PHILADELPHIA · PENNA.

BEAM - COLUMN - AND FOOTING SCHEDULES
ACTIVE THERAPY BUILDING N3 FOR THE PHILADELPHIA STATE HOSPITAL
PHILADELPHIA PENNSYLVANIA
GEORGE W. PEPPER, JR., REGISTERED ARCHITECT
225 SO. 15TH ST. PHILADELPHIA PA.

DATE	COMMONWEALTH OF PENNA.	SHEET NO.
4-1-47	JAMES H. DUFF GOVERNOR	S7
SCALE —	DEPT. PROPERTY & SUPPLIES; C. M. WOOLWORTH SECRETARY; HARRISBURG, PENNSYLVANIA	

3-6-3