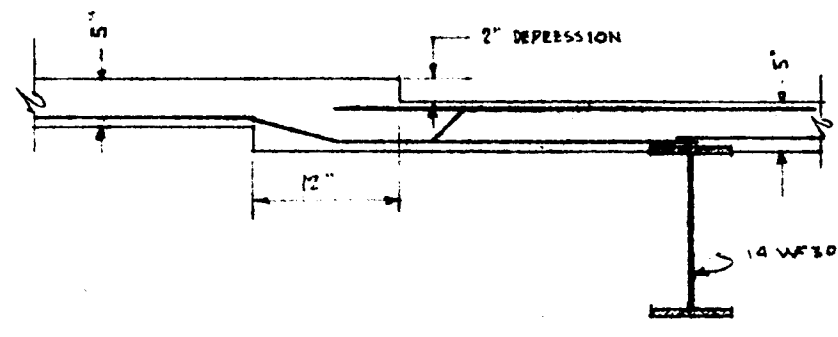
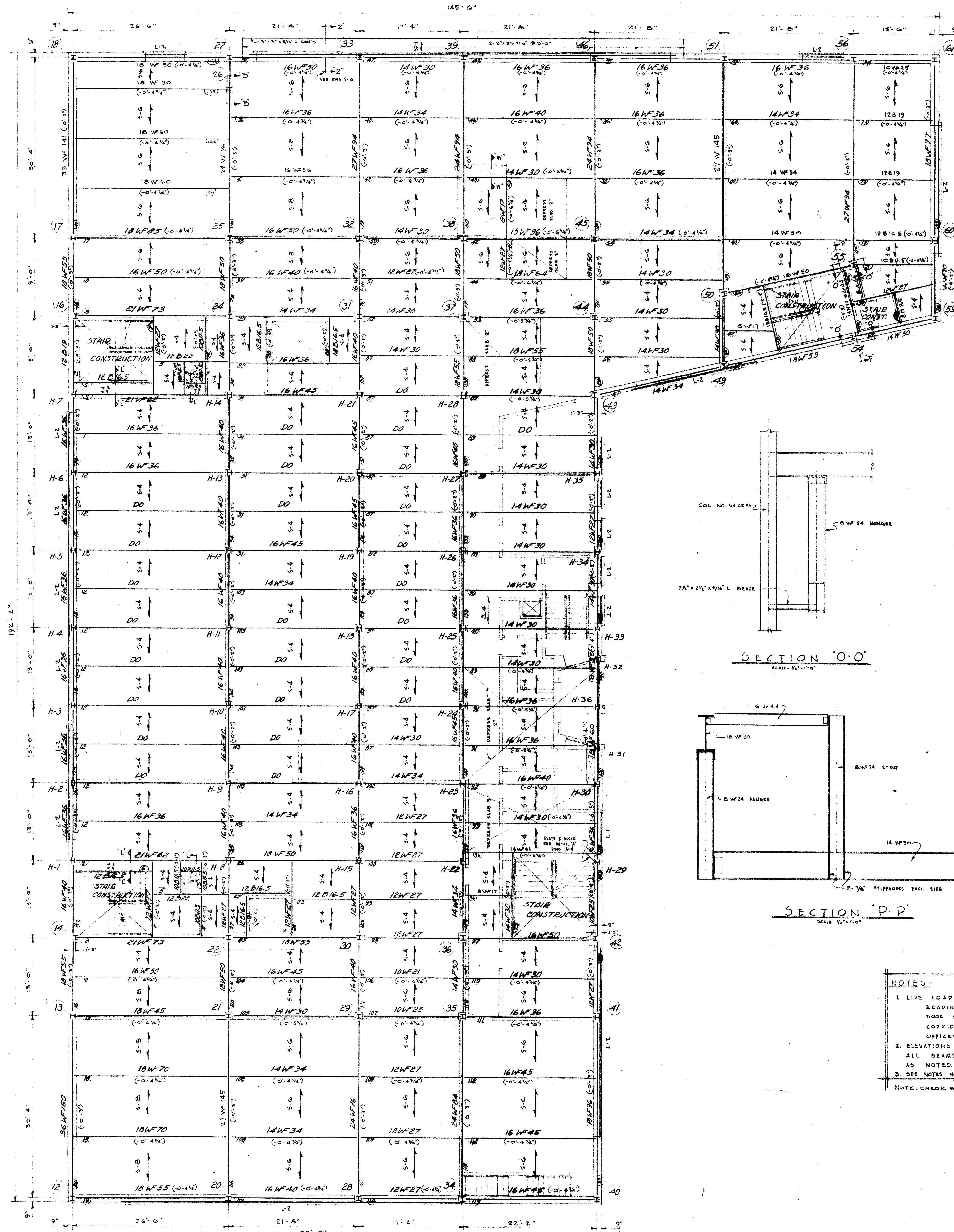




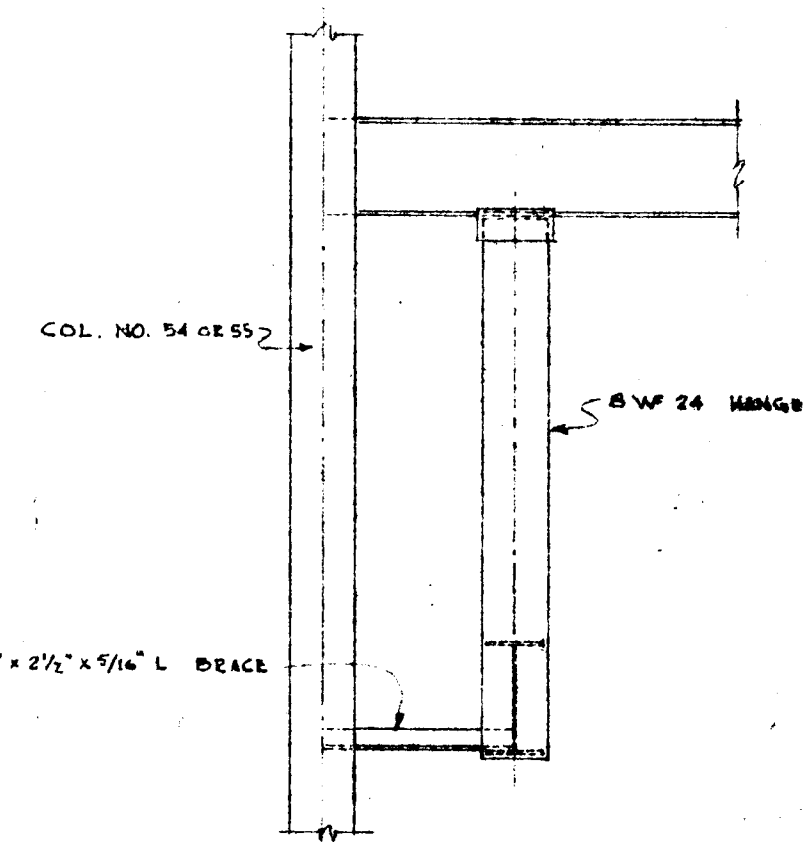
SECTION "W-W"
SCALE: 1/4" = 1'-0"

STEEL DECK SCHEDULE

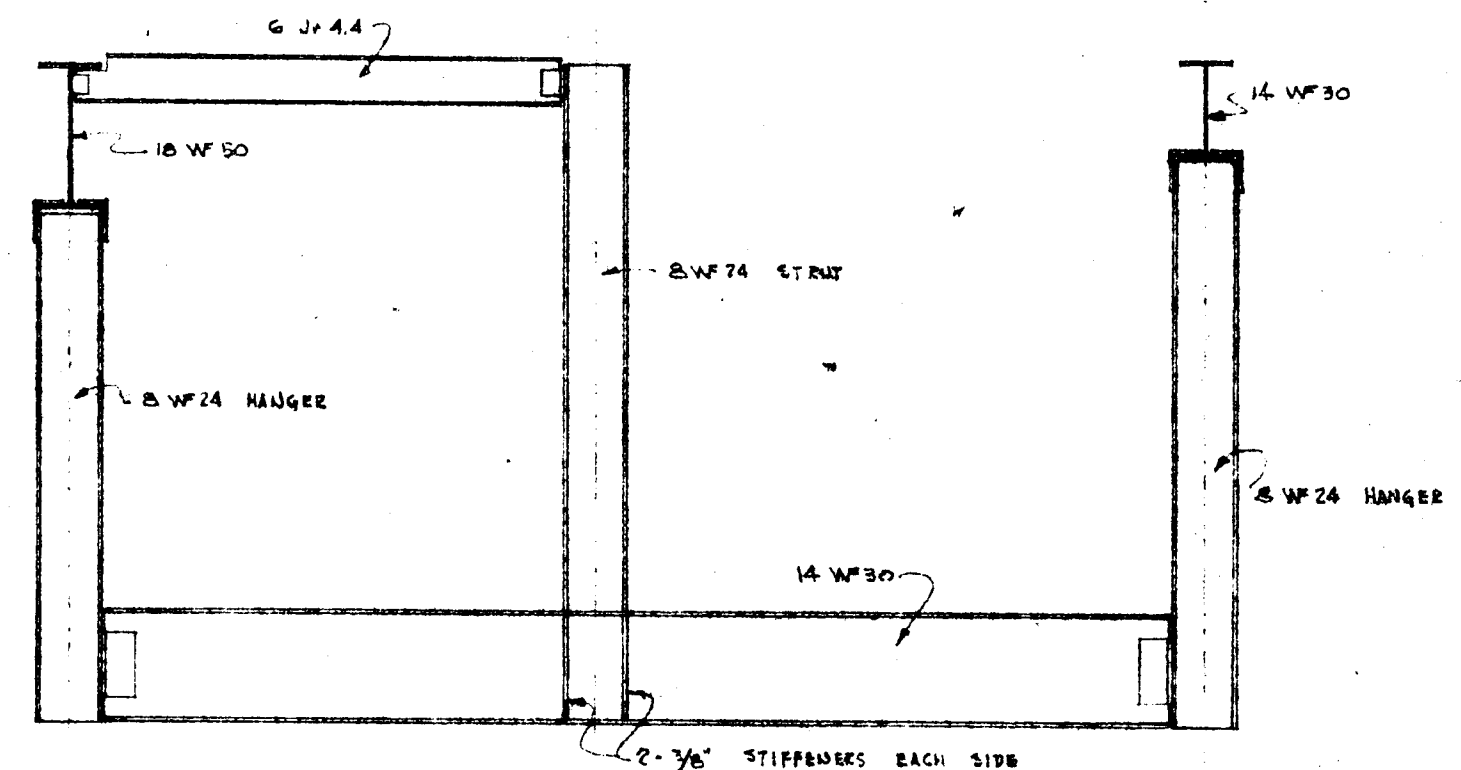
MAX. SP.	MIN. SECTION MODULUS IN INCHES ³	MIN. MOMENT OF INERTIA IN INCHES ⁴	MIN. GAUGE
50-1	0.46	0.38	20



SECOND FLOOR FRAMING PLAN
SCALE: 1/8" = 1'-0"



SECTION "O-O"
SCALE: 1/4" = 1'-0"



SECTION "P-P"
SCALE: 1/4" = 1'-0"

- NOTES:
1. LIVE LOADS:
 - READING ROOMS ----- 60' / 59' FT.
 - BOOK STACK AREA ----- 150' / 59' FT.
 - CORRIDORS AND LOBBY ----- 100' / 59' FT.
 - OFFICES ----- 60' / 59' FT.
 2. ELEVATIONS OF BEAMS (FO' 0") FROM ELEVATION 71.64'. ALL BEAMS AT (0'-5 1/2") FROM ELEVATION 71.64' EXCEPT AS NOTED.
 3. SEE NOTES NO. 3, 4, 5 ON DWG. 3-2.
- NOTE: CHECK WITH MECH. & ARCH. DWGS FOR SLAB OPENINGS.

MAXIMUM REACTIONS		MAXIMUM REACTIONS	
BEAM NO.	MAX. REACT. (KIPS)	BEAM NO.	MAX. REACT. (KIPS)
81	39.7	1	12.2
82	37.5	2	1.4
83	38.8	3	2.9
84	38.5	4	1.7
85	27.1	5	10.8
86	15.5	6	7.3
87	14.5	7	14.4
88	30.5	8	32.7
89	11.1	9	21.4
90	9.6	10	19.1
91	14.6	11	24.1
92	18.4	12	11.8
93	12.4	13	16.4
94	5.0	14	9.8
95	11.8	15	9.5
96	24.8	16	26.9
97	22.2	17	36.8
98	15.4	18	31.5
99	11.3	19	32.9
100	10.7	20	79.6
101	9.8	21	2.5
102	17.4	22	6.9
103	15.2	23	4.9
104	19.9	24	8.6
105	11.9	25	25.0
106	7.5	26	21.8
107	9.4	27	10.6
108	14.2	28	2.7
109	11.3	29	18.5
110	9.6	30	17.0
111	18.3	31	19.1
112	18.5	32	17.4
113	19.5	33	16.1
114	13.0	34	15.9
115	21.1	35	20.4
116	60.6	36	19.4
117	27.9	37	24.6
118	31.6	38	24.8
119	31.0	39	18.9
120	24.0	40	9.4
121	18.3	41	22.7
122	8.9	42	48.2
123	7.7	43	16.4
124	13.3	44	30.1
125	11.1	45	18.3
126	12.9	46	18.5
127	22.1	47	14.9
128	28.0	48	18.2
129	15.2	49	17.7
130	18.8	50	15.6
131	30.1	51	12.8
132	17.1	52	16.9
133	16.2	53	17.4
134	10.4	54	17.1
135	12.9	55	12.3
136	13.4	56	11.4
137	17.8	57	16.7
138	26.7	58	18.2
139	21.0	59	17.1
140	16.8	60	14.3
141	37.1	61	13.5
142	10.5	62	4.4
143	10.9	63	8.9
144	24.8	64	20.4
145	20.0	65	2.0
146	21.1	66	24.3
147	74.4	67	24.8
148	19.5	68	3.2
149	28.1	69	20.3
150	11.8	70	11.4
		71	4.1
		72	6.2
		73	8.7
		74	13.1
		75	23.7
		76	16.3
		77	25.0
		78	17.3
		79	41.6
		80	39.8