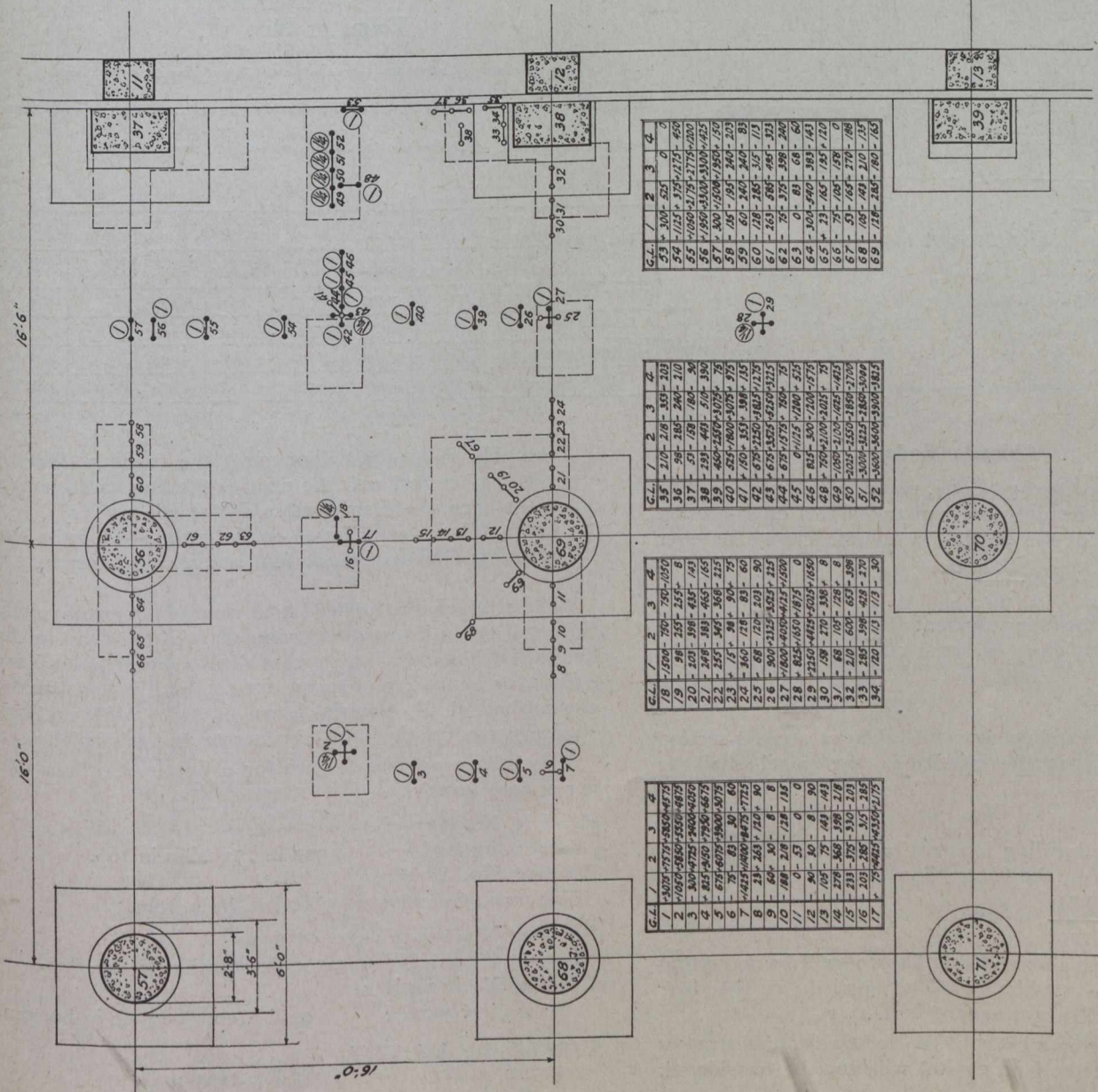


KEY PLAN

- KEY**
- 6" = Gage Line on Concrete
 - 6" = Gage Line on Reinforcement
 - Figure 12 = Distance of $\frac{1}{2}$ of rod from surface of concrete
 - 6" = Nominal thickness of slab
 - 6 $\frac{1}{2}$ " = Actual thickness of slab
 - 2 $\frac{1}{2}$ - 3 $\frac{1}{4}$ = Depth of Drop head (vertical)
- TABLES**
- (Live Load stresses only)
 - G.L. = Gage Line number.
 - 1 = 3 ft x 5 ft, 4 panels loaded 142 lb-ft.
 - 2 = 5 ft x 5 ft, 4 panels loaded 300 lb-ft.
 - 3 = Stress, panels B & D only loaded 300 lb-ft.
 - 4 = Load removed.
 - = Test stop.
 - = Comparison only.
- Design Live Load = 150 lbs. per sq. ft.
 E_s = 30,000,000 lbs. per sq. in.
 E_c = 3,000,000 lbs. per sq. in.



PLAN OF BASEMENT CEILING.

G.L.	1	2	3	4
1	3075	1775	2850	4275
2	1070	2850	3550	4875
3	300	4725	5000	6050
4	825	2500	1750	6675
5	675	4075	3900	5075
6	75	83	30	60
7	423	175	10	120
8	131	265	120	190
9	64	30	8	8
10	188	218	128	118
11	0	51	0	0
12	30	40	8	30
13	105	75	63	63
14	278	568	398	218
15	213	375	310	213
16	203	285	357	185
17	75	4025	4550	2175

G.L.	1	2	3	4
18	1800	790	780	1070
19	91	255	255	8
20	101	398	435	143
21	247	183	465	225
22	235	348	368	225
23	12	171	80	120
24	68	170	201	90
25	800	2325	4525	225
26	800	4050	4125	5300
27	1600	4050	4125	5300
28	825	1650	1675	0
29	2150	4125	5025	1650
30	158	270	338	8
31	68	105	128	8
32	210	605	625	398
33	285	598	428	270
34	720	113	113	30

G.L.	1	2	3	4
35	210	210	330	210
36	54	218	240	210
37	55	158	184	58
38	193	440	510	350
39	460	230	203	75
40	200	250	250	210
41	160	158	184	113
42	438	1550	1810	1275
43	678	1575	1810	1275
44	678	1575	1810	1275
45	61125	1180	515	75
46	825	330	1104	1575
47	760	1104	2025	75
48	1050	2100	1025	1425
49	1025	1550	1850	1750
50	1025	1325	1850	1000
51	1000	1800	1800	1000
52	1600	1600	1900	1815

