DETAILS OF BEAMS AT + 4.50 M LEVEL (T.O.C.)

S.NO.	SYMBOL	SIZE		TOP BARS	BOTTOM BARS		TOP EXTRA OVER SUPPORTS		STIRRUPS		SIDE FACE R/F AT EACH FACE
		b	d		STRAIGHT	CURTAILED	LEFT SUPPORT	RIGHTSUPPORT	FROM EITHER SUPPORTS	FOR REST OF THE SPAN	
1.	B 1	350	850	3 -25 MM #	4 -25 MM #	3 -25 MM #	4 - 25 MM #	4 -25 MM #	12 MM # @ 100 C/C UP TO 2000	12 MM # @ 150 C/C	2-12 MM #
2.	B 2	350	850	3 -25 MM #	4 -25 MM #	3 -25 MM #	4 - 25 MM #	4 -25 MM #	12 MM # @ 100 C/C UP TO 2000	12 MM # @ 150 C/C	2-12 MM #
3.	B 3	350	850	3 -25 MM #	4 -25 MM #	3 -25 MM #	4 - 25 MM #	5 -25 MM #	12 MM # @ 100 C/C UP TO 2000	12 MM # @ 150 C/C	2-12 MM #
4.	B 4	350	850	3 -25 MM #	5 -25 MM #	3 -25 MM #	5 - 25 MM #	5 -25 MM #	12 MM # 4-L @ 120 C/C UP TO 2500	12 MM # 4-L @ 150 C/C	2-12 MM #
5.	B 5	350	850	3 -25 MM #	4 -25 MM #	3 -25 MM #	5 - 25 MM #	4 -25 MM #	12 MM # @ 100 C/C UP TO 2000	12 MM # @ 150 C/C	2-12 MM #
6.	B 6	230	425	2 -10 MM #	3 -16 MM #	2 -16 MM #	3 - 16 MM #	4 -16 MM #	8 MM # @ 150 C/C	8 MM # @ 150 C/C	----
7.	B 7	230	425	2 -10 MM #	3 -16 MM #	2 -16 MM #	4 - 16 MM #	4 -16 MM #	8 MM # @ 150 C/C	8 MM # @ 150 C/C	----
8.	B 7A	230	425	2 -10 MM #	4 -16 MM #	2 -16 MM #	4 - 16 MM #	4 -16 MM #	8 MM # @ 125 C/C UP TO 1000	8 MM # @ 150 C/C	----
9.	B 8	230	425	2 -10 MM #	3 -16 MM #	2 -16 MM #	4 - 16 MM #	4 -16 MM #	8 MM # @ 150 C/C	8 MM # @ 150 C/C	----
10.	B 8A	230	425	2 -10 MM #	3 -16 MM #	2 -16 MM #	4 - 16 MM #	5 -16 MM #	8 MM # @ 150 C/C	8 MM # @ 150 C/C	----
11.	B 9	230	425	2 -10 MM #	3 -16 MM #	2 -16 MM #	3 - 16 MM #	5 -16 MM #	8 MM # @ 150 C/C	8 MM # @ 150 C/C	----
12.	B 10	230	450	2 -10 MM #	4 -16 MM #	2 -16 MM #	5 - 16 MM #	5 -16 MM #	8 MM # @ 125 C/C UP TO 1000	8 MM # @ 150 C/C	----
13.	B 10A	230	450	2 -10 MM #	4 -16 MM #	2 -16 MM #	5 - 16 MM #	3 -16 MM #	8 MM # @ 125 C/C UP TO 1000	8 MM # @ 150 C/C	----
14.	B 11	230	450	2 -10 MM #	4 -16 MM #	2 -16 MM #	2 - 16 MM #	2 -16 MM #	8 MM # @ 125 C/C UP TO 1000	8 MM # @ 150 C/C	----
15.	B 12	230	450	2 -12 MM #	3 -20 MM #	2 -16 MM #	3 - 16 MM #	4 -16 MM #	8 MM # @ 125 C/C UP TO 1000	8 MM # @ 150 C/C	----
16.	B 13	230	450	2 -12 MM #	3 -20 MM #	2 -16 MM #	4 - 16 MM #	3 -16 MM #	8 MM # @ 125 C/C UP TO 1000	8 MM # @ 150 C/C	----
17.	B 14	230	300	2 -10 MM #	4 -12 MM #	---	---	---	8 MM # @ 200 C/C	8 MM # @ 200 C/C	----
18.	B 15	230	425	2 -12 MM #	3 -16 MM #	2 -12 MM #	---	---	8 MM # @ 150 C/C	8 MM # @ 150 C/C	----
19.	B 16	300	650	3 -12 MM #	4 -20 MM #	3 -20 MM #	3 - 25 MM #	4 -25 MM #	10 MM # @ 165 C/C	10 MM # @ 165 C/C	----
20.	B 16A	300	650	3 -12 MM #	4 -20 MM #	3 -20 MM #	4 - 25 MM #	4 -25 MM #	10 MM # @ 150 C/C	10 MM # @ 150 C/C	----
21.	B 16B	300	650	3 -12 MM #	4 -25 MM #	2 -20 MM #	4 - 25 MM #	4 -25 MM #	10 MM # @ 150 C/C	10 MM # @ 150 C/C	----
22.	B 16C	300	650	3 -12 MM #	4 -25 MM #	2 -20 MM #	4 - 25 MM #	4 -25 MM #	10 MM # @ 150 C/C	10 MM # @ 150 C/C	----
23.	B 17	350	850	4 -25 MM #	5 -25 MM #	3 -25 MM #	5 - 25 MM #	5 -25 MM #	12 MM # 4-L @ 115 C/C UP TO 2000	12 MM # 4-L @150 C/C	2 - 16 MM #
24.	B 18	350	850	4 -25 MM #	5 -25 MM #	3 -25 MM #	5 - 25 MM #	6 -25 MM #	12 MM # 4-L @ 115 C/C UP TO 2000	12 MM # 4-L @150 C/C	2 - 16 MM #
25.	B 19	350	850	4 -25 MM #	5 -25 MM #	4 -25 MM #	6 - 25 MM #	6 -25 MM #	12 MM # 4-L @ 115 C/C UP TO 2500	12 MM # 4-L @150 C/C	2 - 16 MM #
26.	B 20	350	850	4 -25 MM #	5 -25 MM #	3 -25 MM #	6 - 25 MM #	4 -25 MM #	12 MM # 4-L @ 115 C/C UP TO 2000	12 MM # 4-L @150 C/C	2 - 16 MM #
27.	B 21A	350	650	3 -12 MM #	4 -20 MM #	2 -20 MM #	3 - 20 MM #	4 -25 MM #	10 MM # @ 150 C/C	10 MM # @ 150 C/C	----
28.	B 21	350	650	3 -12 MM #	4 -25 MM #	2 -20 MM #	4 - 25 MM #	4 -25 MM #	10 MM # @ 125 C/C UP TO 1500	10 MM # @ 150 C/C	----
29.	B 22	350	650	3 -12 MM #	4 -20 MM #	2 -20 MM #	4 - 25 MM #	3 -25 MM #	10 MM # @ 150 C/C	10 MM # @ 150 C/C	----
30.	B 23	350	650	3 -12 MM #	4 -25 MM #	2 -20 MM #	3 - 20 MM #	3 -20 MM #	10 MM # @ 125 C/C UP TO 1600	10 MM # @ 150 C/C	----
31.	B 24	350	650	3 -12 MM #	4 -20 MM #	2 -25 MM #	4 - 25 MM #	3 -25 MM #	10 MM # @ 150 C/C	10 MM # @ 150 C/C	----
32.	B 25	350	650	3 -12 MM #	4 -20 MM #	2 -20 MM #	2 - 20 MM #	3 -20 MM #	8 MM # 4-L @ 125 C/C UP TO 1500	8 MM # 4-L @ 150 C/C	----
33.	B 26	350	400/650	3 -12 MM # + 3 -20 MM #	2 -20 MM #	---	---	---	8 MM # @ 150 C/C	8 MM # @ 150 C/C	----
34.											
35.	B 28	350	650	2 -20 MM #	4 -25 MM #	2 -25 MM #	2 - 20 MM #	2 -20 MM #	10 MM # @ 125 C/C UP TO 1500	10 MM # @ 150 C/C	1-12 MM #
36.	B 29	350	650	3 -12 MM #	4 -25 MM #	2 -20 MM #	3 - 20 MM #	4 -20 MM #	8 MM # @ 125 C/C UP TO 1000	8 MM # @ 150 C/C	----
37.	B 30	350	650	3 -12 MM #	4 -25 MM #	2 -20 MM #	4 - 20 MM #	4 -20 MM #	8 MM # @ 125 C/C UP TO 1000	8 MM # @ 150 C/C	
38.	B 31	350	650	3 -12 MM #	4 -25 MM #	2 -20 MM #	4 - 20 MM #	8 -25 MM #	8 MM # 4-L @ 125 C/C UP TO 1000	8 MM # 4-L @ 150 C/C	----
39.	B 32	400	850	4 -25 MM #	5 -25 MM #	3 -25 MM #	4 - 25 MM #	4 -25 MM #	10 MM # 4-L @ 100 C/C UP TO 2500	10 MM # 4-L @ 130 C/C	2 -16 MM #
40.	B 33	400	800	4 -25 MM #	4 -25 MM #	2 -25 MM #	2 - 25 MM #	2 -25 MM #	10 MM # 4-L @ 150 C/C	10 MM # 4-L @ 150 C/C	2 -12 MM #
41.	B 34	400	850	4 -25 MM #	5 -25 MM #	4 -25 MM #	5 - 25 MM #	5 -25 MM #	10 MM # 4-L@ 100 C/C UP TO 2500	10 MM # 4-L @ 130 C/C	2 -16 MM #
42.	B 35	400	850	4 -25 MM #	5 -25 MM #	2 -25 MM #	2 - 25 MM #	2 -25 MM #	10 MM # @ 150 C/C	10 MM # @ 150 C/C	2 -16 MM #
43.	B 36	350	500	9 -25 MM #	3 -16 MM #	---	---	---	8 MM # @ 150 C/C	8 MM # @ 150 C/C	----
44.	B 37	350	900	4 -25 MM #	5 -25 MM #	4 -25 MM #	5 - 25 MM #	5 -25 MM #	12 MM # @ 110 C/C UP TO 2500	12 MM # @ 140 C/C	2 -16 MM #
45.	B 38	350	500	4 -25 MM #	4 -20 MM #	---	5 - 25 MM #	4 -25 MM #	8 MM # @ 125 C/C UP TP 1000	8 MM # @ 150 C/C	----
46.	B 39	230	450	2 -12 MM #	3 -16 MM #	2 -16 MM #	3 - 16 MM #	3 -16 MM #	8 MM # @ 150 C/C	8 MM # @ 150 C/C	----
47.	B 39A	350	600	2 -20 MM #	5 -20 MM #	2 -20 MM #	2 - 20 MM #	2 -20 MM #	10 MM # @ 150 C/C	10 MM # @ 150 C/C	----
48.	B 40	300	500	2 -16 MM #	4 -20 MM #	2 -20 MM #	3 - 20 MM #	4 -20 MM #	8 MM # 4-L @ 120 C/C UP TO 1000	8 MM # 4-L @ 150 C/C	----
49.	B 41	300	500	2 -16 MM #	4 -20 MM #	2 -20 MM #	4 - 20 MM #	4 -20 MM #	8 MM # 4-L @ 120 C/C UP TO 1000	8 MM # 4-L @ 150 C/C	----
50.	B 42	300	500	2 -16 MM #	4 -20 MM #	2 -20 MM #	4 - 20 MM #	6 -25 MM #	8 MM # @ 120 C/C UP TO 1000	8 MM # @ 150 C/C	----
51.	B 43	350	500	9 -25 MM #	3 -16 MM #	---	---	---	8 MM # @ 150 C/C	8 MM # @ 150 C/C	----
52.	B 44	350	900	4 -25 MM #	5 -25 MM #	4 -25 MM #	5 - 25 MM #	5 -25 MM #	12 MM # @ 110 C/C UP TO 2500	12 MM # @ 140 C/C	2-16 MM#
53.	B 45	350	500	4 -25 MM #	4 -20 MM #	---	5 - 25 MM #	4 -25 MM #	8 MM # @ 150 C/C	8 MM # @ 150 C/C	----
54.	B 46	350	450	4 -16 MM #	4 -16 MM #	---	---	---	8 MM # @ 150 C/C	8 MM # @ 150 C/C	----
55.	B 47	350	850	4 -25 MM #	5 -25 MM #	3-25 MM #	4-25 MM #	5-25 MM #	12 MM # 4-L @ 115 C/C UP TO 2000	12 MM # 4-L @150 C/C	2-16 MM#
56.	B 48	350	500	4 -20 MM #	2 -20 MM #	---	---	---	8 MM # @ 150 C/C	8 MM # @ 150 C/C	----
57.	B 49	350	500	2 -20 MM #	3 -20 MM #	2 -16 MM #	2 - 20 MM #	6 -25 MM #	8 MM # @ 150 C/C	8 MM # @ 150 C/C	----
58.	B 50	350	450	4 -20 MM #	4 -16 MM #	---	---	---	8 MM # @ 150 C/C	8 MM # @ 150 C/C	----
59.	B 51	230	500	2 -12 MM #	4 -16 MM #	---	2 - 16 MM #	2 -16 MM #	8 MM # @ 150 C/C	8 MM # @ 150 C/C	----
60.	B 52	350	600/400	4 -20 MM #	2 -20 MM #	---	---	---	8 MM # @ 150 C/C	8 MM # @ 150 C/C	----
61.	B 53	350	600	2 -20 MM #	4 -20 MM #	2 -20 MM #	2 - 20 MM #	6 -25 MM #	8 MM # 4-L @ 150 C/C	8 MM # 4-L @ 150 C/C	----
62.	B 54	230	350	2 -12 MM #	2 -16 MM #	2 -12 MM #	---	---	8 MM # @ 150 C/C	8 MM # @ 150 C/C	----
63.	B 55	300	500	4 -20 MM #	4 -20 MM #	---	---	---	8 MM # @ 125 C/C UP TO 750	8 MM # @ 150 C/C	----
64.	B 56	350	500	4 -20 MM #	4 - 20 MM #	---	---	---	10 MM # @ 150 C/C	10 MM # @ 150 C/C	1-12 MM #
65.	B 57	300	450	2 -20 MM #	3 - 20 MM #	2 - 16 MM #	---	---	8 MM # @ 125 C/C UP TO 1000	8 MM # @ 150 C/C	----
66.	B 58	350	500	9 -25 MM #	3 - 16 MM #	---	---	---	8 MM # @ 150 C/C	8 MM # @ 150 C/C	----
67.	B 59	400	900	4 -25 MM #	6 - 25 MM #	4 - 25 MM #	5 - 25 MM #	5 - 25 MM #	12 MM # 4-L @ 90 C/C UP TO 2500	12 MM # 4-L @125 C/C	2 -16 MM #
68.	B 60	350	600	4 -25 MM #	4 - 20 MM #	2 - 20 MM #	5 - 25 MM #	5 - 25 MM #	8 MM # 4-L @ 150 C/C	8 MM # 4-L @ 150 C/C	----