SKILLING - HELLE - CHRISTIANSEN - ROBERTSON Structural & Civil Enginoors

PROJECT THE WORLD TRADE CENTER | TITLE BEAM TO COL. CONN. - WHERE COL. SPLICE 3" ABOVE FLOOR | DATE 1-29-68

REVISIONS

3-19-68
11-11-68
4-18-69
5-29-69

SCHEDULE

DETAIL NO.	COLUMN SIZE	BEAM SIZE	CONNECTION TYPE	CONNECTION LENGTH	NO. OF BOLTS 1ST ROW	NO. OF BOLTS 2ND ROW	WELD A
11	14 WF 426	21 WF 55	A	1'- 2½"	5	2	½
12	14 WF 398	21 WF 55	A	1'- 2½"	5	2	½
13	14 WF 398	36 WF 135	A	1'- 8½"	7	4	½
14	14 WF 150	21 WF 55	B	1'- 2½"	5	2	5/16
15	14 WF 211	21 WF 55	B	1'- 2½"	5	3	5/16
16	14 WF 426	36 WF 160	A	2'- 2½"	9	5	½
17	14 WF 426	33 WF 130	A	2'- 5½"	10	5	½
18	14 WF 398	33 WF 130	A	2'- 5½"	10	5	½
19	14 WF 398	30 WF 108	A	1'- 8½"	7	0	½
20	14 WF 398	24 B 55	A	0'- 11½"	4	2	½
21	14 WF 176	24 B 55	B	0'- 11½"	4	2	5/16
22	14 WF 184	24 B 55	B	0'- 11½"	4	2	5/16
23	14 WF 167	30 WF 116	A	1'- 5½"	6	2	5/16
24	14 WF 237	33 WF 141	B	0'- 11½"	4	0	3/8
* 25	14 WF 500	18 WF 50	A	1'- 2½"	5	0	½
* 26	14 WF 730	18 WF 45	A	0'- 11½"	4	0	½
* 27	14 WF 730	21 WF 55	A	1'- 5½"	6	0	½
* 28	14 WF 314	24 WF 68	A	1'- 5½"	6	0	½
* 29	14 WF 320 + PLS	16 B 26	A	1'- 2½"	5	3	½
* 30	14 WF 320 + PLS	14 B 22	A	0'- 11½"	4	3	½
* 31	14 WF 320 + PLS	21 B 44	A	1'- 5½"	6	4	½
* 32	14 WF 605	27 WF 84	A	1'- 8½"	7	2	½
* 33	14 WF 320 + PLS	33 WF 118	A	1'- 8½"	7	5	½
* 34	14 WF 550	24 WF 76	A	1'- 5½"	6	2	½
* 35	14 WF 550	36 WF 150	A	1'- 8½"	7	7	½
* 36	14 WF 287	36 WF 150	A	1'- 8½"	7	7	3/8
* 37	14 WF 320 + PLS	33 WF 220	A	1'- 11½"	** 8	** 6	½
* 38	14 WF 320 + PLS	30 WF 132	A	1'- 11½"	** 8	** 2	½
* 39	14 WF 500	30 WF 190	A	1'- 11½"	** 8	** 4	½

Notes:

1. See 12-JK1-68 for connection details.
2. * — beam of elevation other than El. 310 as shown on 12-JK1-68.
3. ** — use 1" ϕ H.S. bolts (A-490 friction type)

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DRAWN S.C.

REVIEWED E.L.

12-JK1-67