SKILLING, HELLE, CHRISTIANSEN, ROBERTSON — Structural & Civil Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: COLUMN BASE PLATE SCHEDULE AT EL. 310'-0" | DATE: 10-15-68

REVISIONS
11-5-68
3-17-69
3-19-69

COLUMN MARK	COLUMN SECTION	DETAIL TYPE	PL 'A' b	PL 'A' c	PL 'A' ℓ	PL 'A' f	PL 'A' *t_1	PL 'D' & 'E' t_2	PL 'D' & 'E' m	PL 'D' & 'E' n	PL 'D' & 'E' s	H.S. BOLTS J (A-325)	H.S. BOLTS H (A-490)
J 18-1	14 WF 228	IV	22"	22"			2"	½"	8¼"	3¾"	11½"		
J 18-2	14 WF 84	VI	17	19			2	½	5	8	12½		
J 18-3	14 WF 84	IV	19	17			2	½	8¼	3¾	11½		
J 18-4	14 WF 228	IV	22	22			2	½	8¼	3¾	11½		
J 18-51	14 WF 87	VI	20	19			2	½	5	8	12½		
J 20-1	14 WF 228	IV	22	22			2	½	8¼	3¾	11½		
J 20-2	14 WF 87	VI	20	19			2	½	5	8	12½		
J 20-3	14 WF 87	VII	26	19	10"	10"	2	1	6¼	7½	12¾	6 - ⅞" ϕ	28 - ⅞" ϕ
J 20-4	14 WF 228	VII	22	22	11	9	2	1	7¾	4½	11¼	6 - ⅞" ϕ	28 - ⅞" ϕ
J 20-51	14 WF 87	VI	20	19			2	½	5	8	12½		
J 22-1	14 WF 87	V	20	19			2	½	5	8	12½		
J 22-2	14 WF 228	VI	22	22	cut corner of PL at girder J6N		2⅛	½	5½	9	14		
E 22-3	14 WF 95	V	19	20			2	½	7½	3½	10½		
J 23-5	14 WF 87	V	19	20			2	½	7½	3½	10½		
J 23-6	14 WF 228	VII A	22	22	11	6	2	1	7½	8½	15	6 - ¾" ϕ	14 - ⅞" ϕ
J 23-7	14 WF 111	VII A	20	20	10	6	2	1	7½	3½	10	6 - ¾" ϕ	14 - ⅞" ϕ
K 26-1	14 WF 202	VI	21	21			2	½	5¼	8½	13¼		
K 26-2	14 WF 264	VI	22	22			2	½	5½	9	14		
K 26-3	14 WF 202	VI	21	21			2	½	5¼	8½	13¼		
K 26-4	14 WF 202	VI	21	21			2	½	5¼	8½	13¼		
K 26-5	14 WF 264	VII	28	22	11	11	2	1	8	8	15	6 - ⅞" ϕ	28 - ⅞" ϕ
K 26-6	14 WF 202	VI	21	21			2	½	5¼	8½	13¼		
K 26-7	14 WF 314	VI	22	23			2	½	5	9	13½		
K 28-1	14 WF 202	III	17	17			2	½					
K 28-2	14 WF 264	IV	22	22			2	½	8¼	3¾	11½		
K 28-3	14 WF 202	VI	21	21			2	½	5¼	8½	13¼		
K 28-4	14 WF 202	VI	21	21			2	½	5¼	8½	13¼		
K 28-5	14 WF 264	VI	22	22			2	½	5½	9	14		
K 28-6	14 WF 202	V	21	21			2	½	5¼	8½	13¼		

LICENSED PROFESSIONAL ENGINEER — LESLIE E. ROBERTSON — No. 34360 — UNIVERSITY OF THE STATE OF NEW YORK

Notes:
1. All plates to have Fy = 42 ksi.
2. All welds to be E 70XX.
3. See Dwgs. 10-JK3-4 thru 10 for type & details.
4. Columns with "E" designation, by others.
5. * — In no case shall t_1 be less than thickness of beam cover PL, if any.

DESIGNED
DRAWN S.C.
REVIEWED E.L.

10-JK3-3A