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
4-14-70

COLUMN MARK	COLUMN SECTION	DETAIL TYPE	Æ 'A' b	c	ℓ	f	*t_1	Æ 'D' & 'E' t_2	m	n	s	H.S. BOLTS J (A-325)	H (A-490)
K 28 - 7	14 WF 264	IV	22"	22"			2"	½"	8¼"	3¾"	11½"		
K 30 - 1	14 WF 84	II	13	16			2	½					
K 30 - 2	14 WF 228	V	22	22			2	½	5¼	8½	13¼		
K 30 - 3	14 WF 84	IV	19	17			2	½	7	2¾	9¼		
K 30 - 4	14 WF 84	VII A	19	17	9½"	6"	2	1	6¾	5½	11¼	6 - ¾" Φ	14 - 1" Φ
K 30 - 5	14 WF 228	VI	22	22			2	1	7½	2½	15		
K 30 - 6	14 WF 84	VII A	20	19	8½		2	1	5½	7½	12	6 - ¾ P	14 - ⅞ P
K 30 - 7	14 WF 228	IV	22	22			2	½	8¼	3¾	11½		
K 33 - 1	14 WF 87	II	16	15			2	½					
K 33 - 2	14 WF 228	IV	22	22			2	½	8¼	3¾	11½		
K 33 - 3	14 WF 87	VII A	19	20	9½	6	2	1	7½	5	11½	6 - ¾" Φ	14 - 1⅛" Φ
K 33 - 4	14 WF 87	VII A	26	20	9½	6	2	1	7½	5	11½	6 - ¾ P	14 - 1⅛" P
K 33 - 5	14 WF 228	VII A	22	22	11		2	1	5½	8½	13¼	6 - ¾" Φ	14 - ⅞" Φ
K 33 - 6	14 WF 87	VII	25	20	9½	9½	2	1	7½	6	12½	6 - ¾" Φ	28 - 1" Φ
K 33 - 7	14 WF 228	IV	22	22			2	½	8¼	3¾	11½		
K 36 - 1	14 WF 87	II	16	15			2	½					
K 36 - 2	14 WF 228	II	17	17			2	½					
K 36 - 3	14 WF 87	V	20	19			2	½	5	8	12½		
K 36 - 4	14 WF 87	VII	28	19	10	9	2	1	5½	7½	12	6 - 1" Φ	28 - ⅞ Φ
K 36 - 5	14 WF 228	IV	22	22			2	½	8¼	3¾	11½		
K 36 - 6	14 WF 87	VII A	24½	20	9¾	6	2	1	6	7½	12½	6 - ¾" Φ	14 - 1" Φ
K 36 - 7	14 WF 228	VII	32	22	11	11	2	1	7¾	4½	11¼	6 - ¾ Φ	28 - ⅞" Φ
M 36 - 8	14 WF 127	V	19½	19½			2	½	5	8	12½		
K 39 - 1	14 WF 202	II	18	17			2	½					
K 39 - 2	14 WF 264	I	18	17			2	½					
K 39 - 3	14 WF 202	V	21	21			2	½	8	3½	10½		
K 39 - 4	14 WF 202	VI	21	21			2	½	5¼	8½	13¼		
K 39 - 5	14 WF 264	VI	22	22			2	½	5½	9	14		
K 39 - 6	14 WF 202	V	21	21			2	½	8	3½	10½		
K 39 - 7	14 WF 264	VI	22	22			2	½	5½	9	14		

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 "M" designation, by others.
5. * — In no case shall t_1 be less than thickness of beam cover Æ, if any.

DESIGNED
DRAWN S.C.
REVIEWED E.L.

10-JK3-3B