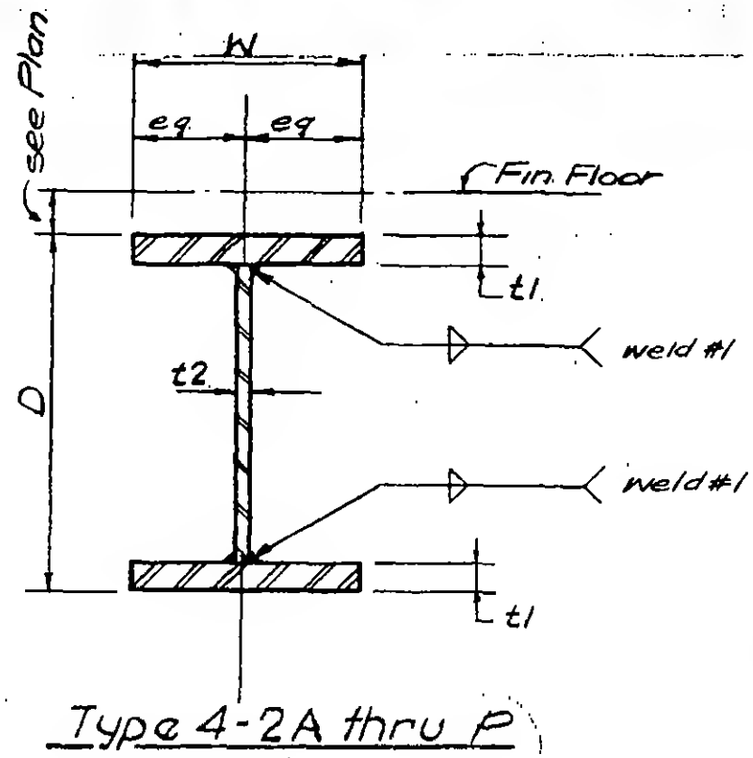
SKILLING, HELLE, CHRISTIANSEN, ROBERTSON — Structural & Civil Engineers

PROJECT THE WORLD TRADE CENTER — TITLE FL. 107 PH MEMBER TYPES - BUILT UP

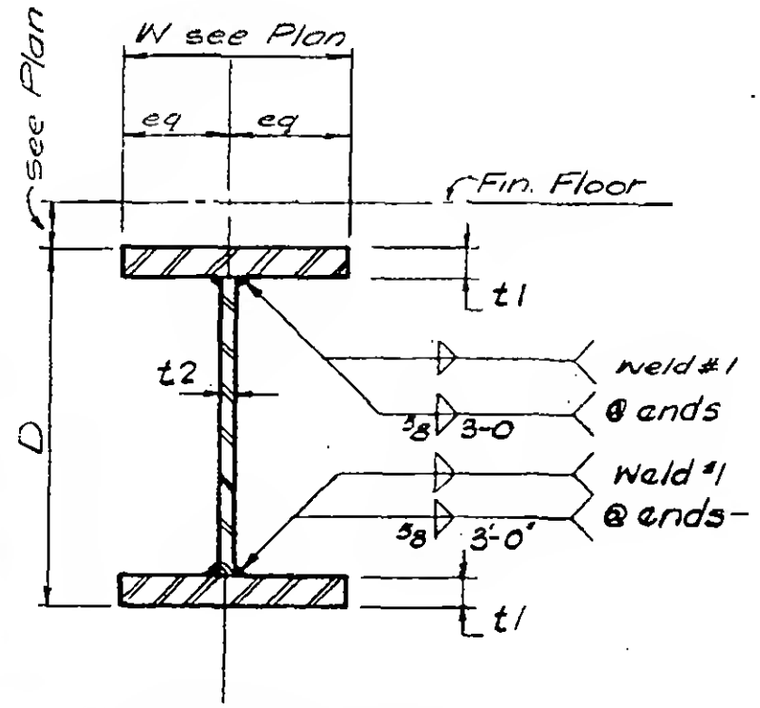
VISIONS

5-27-70
6-15-70
6-17-70
12-14-70
12-21-70



Type 4-2A thru P

Type	D (in)	W (in)	t1 (in)	t2 in	Fy (ksi)	Weld #1	Remarks
4-2A	30	5½	2¼	½	36	⅜	
4-2B	30	5½	2¼	½	36	⅜	
4-2C	30	10	1½	¾	36	⅜	
4-2D	43	5	1¾	1½	36	⅜	13-10
4-2E	16	5	1	⅜	36	¼	
4-2F	30	5½	1½	⅜	36	5/16	
4-2G	21	9	2	⅝	36	⅜	
4-2H	21	9	1½	⅝	36	⅜	
4-2K	27	10	1½	¾	50	⅜	
4-2M	40	12	2¼	¾	50	⅜	4-2.2
4-2N	20	14	2½	¾	36	½	
4-2P	20	12	1½	⅝	36	⅜	
4-2W	27	9	1	⅝	50	⅜	—
4-2X	35	14	1¾	¾	50	⅜	4-2.2
4-2Y	35	14	1¾	¾	50	⅜	4-2.2
4-2Z	35	14	1¾	¾	50	⅜	4-2.2



Type 4-2W, X, Y, Z

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

SIGNED A. Patel
DRAWN W.C.
REVIEWED E. Drawas

9-AB4-2.1