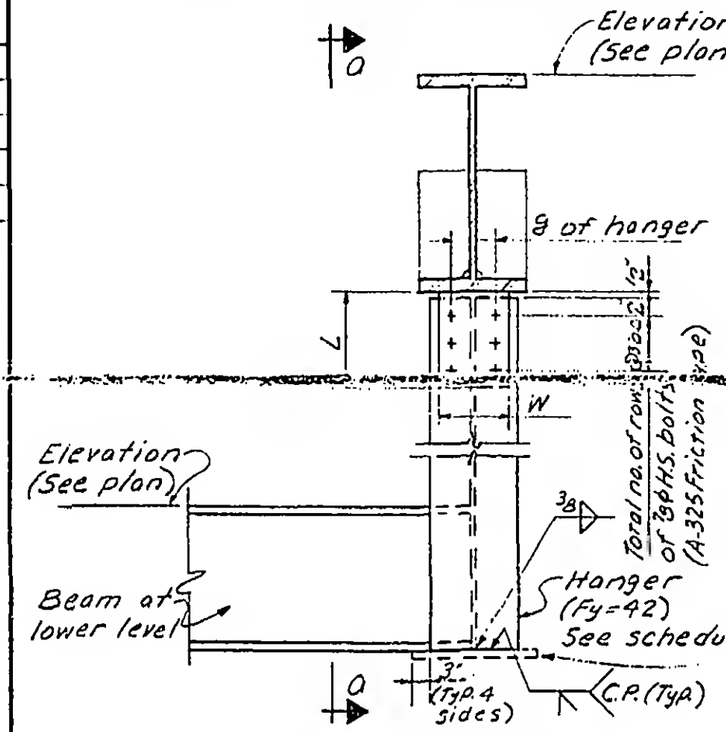
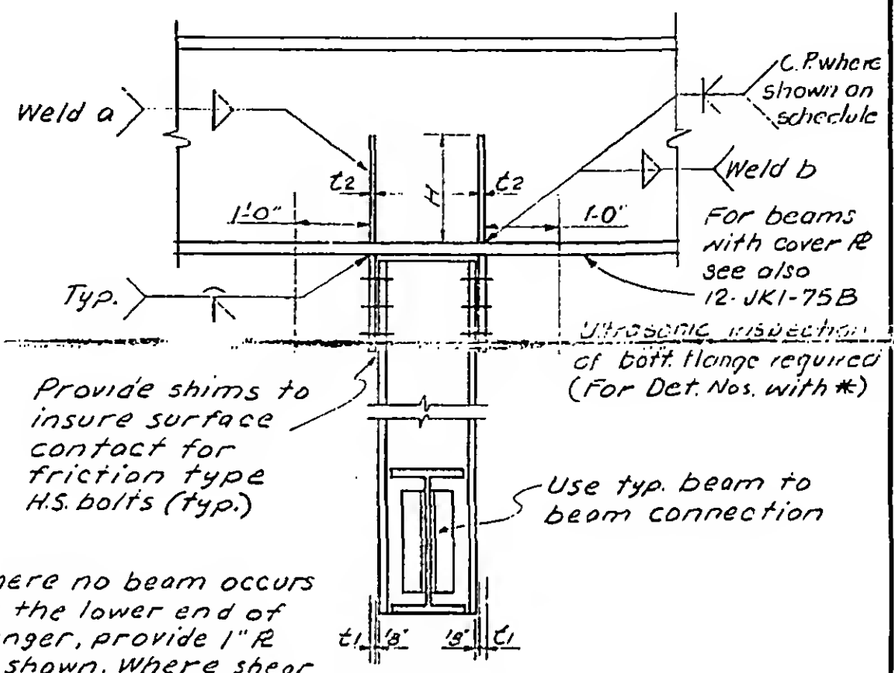
SKILLING - HELLE - CHRISTIANSEN - ROBERTSON Structural & Civil Engineers

PROJECT THE WORLD TRADE CENTER | TITLE DETAIL OF HANGERS | DATE 4-5-68

REVISIONS
6-7-68
7-19-68
9-4-68
11-5-68
1-8-69
3-21-69
7-19-72



Elevation



Where no beam occurs at the lower end of hanger, provide 1" R as shown. Where sheor head occurs see detail on 10-JK2-35

Section a-a

Detail No.	Size of Hanger	Plates t1	t2	L	W	H	No. of Rows of Bolts	Weld a	Weld b
1	12WF50	5/8	3/8	7"	8 1/2"	10"	2	1/4	1/4
2	12WF50	5/8	3/8	10"	8 1/2"	12"	3	1/4	5/16
3 *	12WF36 (See col sch.)	3/4	3/4	13"	6"	12"	4	3/8	C.P.
4 *	12WF36 (See Col. sch.)	3/4	3/4	16"	6"	14	5	3/8	C.P.
5	10WF45	5/8	1/2	16"	8 1/2"	12"	5	5/16	C.P.
6*	14WF142 (See Col. sch.)	3/4	3/4	13"	8 1/2"	12"	4	3/8	C.P.
7	14WF38	5/8	1/2	13"	6 1/2"	10"	4	5/16	C.P.
8	14WF43	5/8	1/2	10"	8 1/2"	10"	3	5/16	C.P.
9	12WF53	5/8	3/8	7"	8 1/2"	10"	2	1/4	1/4

Detail No.	Size of Hanger	Plates t1	t2	L	W	H	No. of Rows of Bolts	Weld a	Weld b

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

12-24-68
DRAWN
S.C.
REVIEWED
E.L.

12-JK1-75