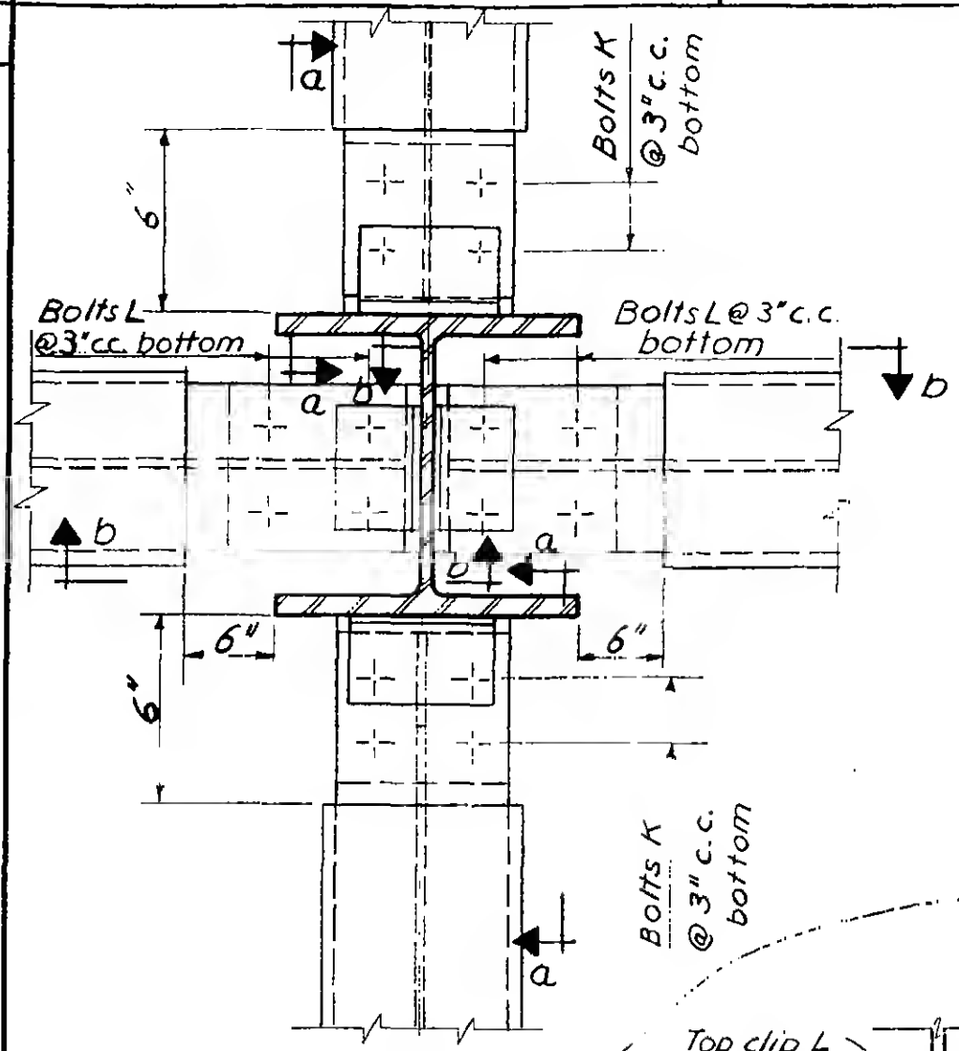
SKILLING - HELLE - CHRISTIANSEN - ROBERTSON Structural & Civil Engineers

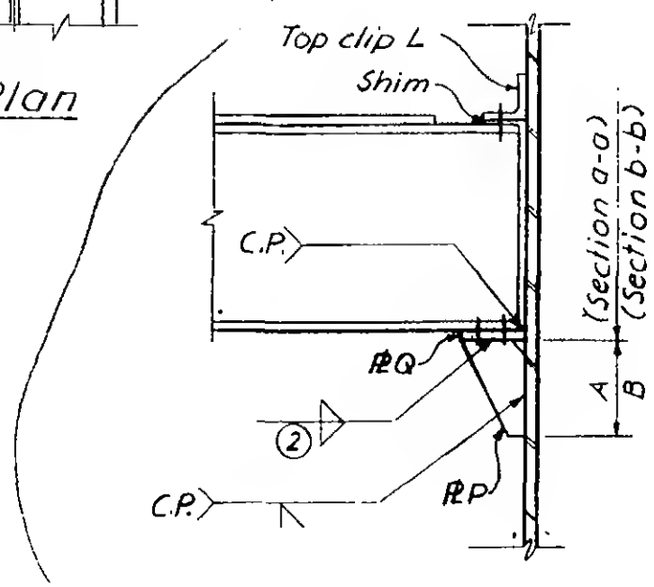
PROJECT THE WORLD TRADE CENTER | TITLE CONNECTION DETAIL 729, 729 A | DATE 8-14-67

REVISIONS

2-9-68



Plan



Section a-a
Section b-b

SCHEDULE 729 A

BEAM SIZE	Section a-a & Section b-b ℄ P	℄ Q	DIM. A	BOLTS K	BOLTS L	WELD ②
12 WF	1/2"	1/2"	1'-0"	4 - 7/8" ϕ	4 - 3/4" ϕ	5/16
14 WF	5/8"	5/8"	1'-2"	4 - 7/8" ϕ	4 - 3/4" ϕ	5/16
16 WF	3/4"	3/4"	1'-2"	4 - 7/8" ϕ	4 - 3/4" ϕ	5/16
18 WF 45	3/4"	3/4"	1'-2"	4 - 7/8" ϕ	4 - 3/4" ϕ	5/16
18 WF 50 to 18 WF 85	3/4"	3/4"	1'-6"	4 - 7/8" ϕ	4 - 3/4" ϕ	5/16

SCHEDULE 729

	Section a-a	Section b-b
PLATES		
P	3/4"	3/4"
Q	3/4"	3/4"
DIMENSIONS		
A	1'-2"	—
B	—	1'-2"
BOLTS		
K	4 - 1 1/8" ϕ	—
L	—	4 - 3/4" ϕ
WELDS		
②	5/16	5/16

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

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