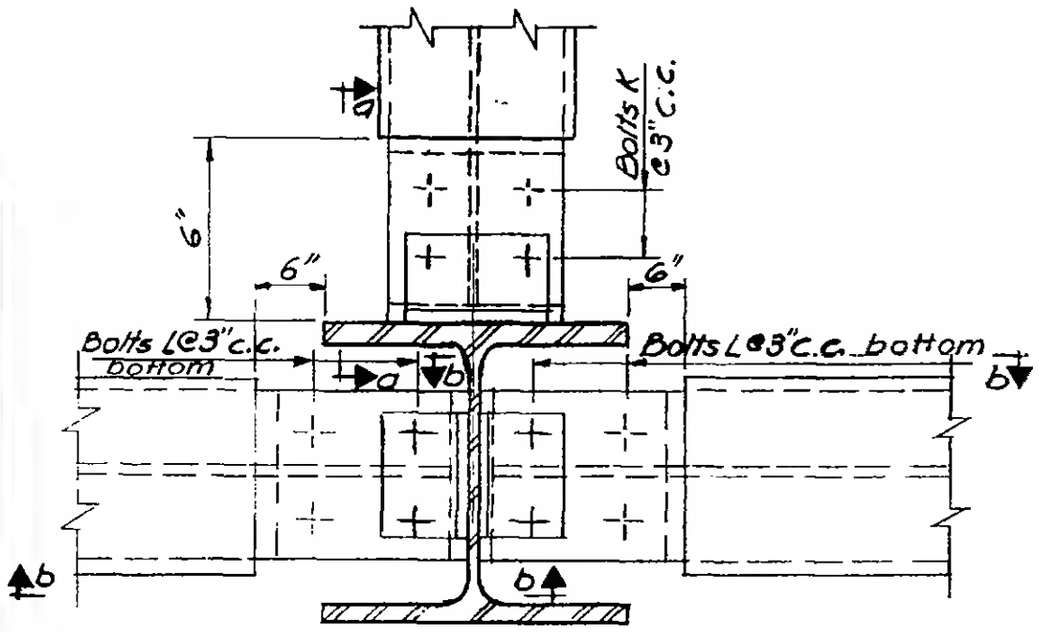
SKILLING - HELLE - CHRISTIANSEN - ROBERTSON Structural & Civil Engineers

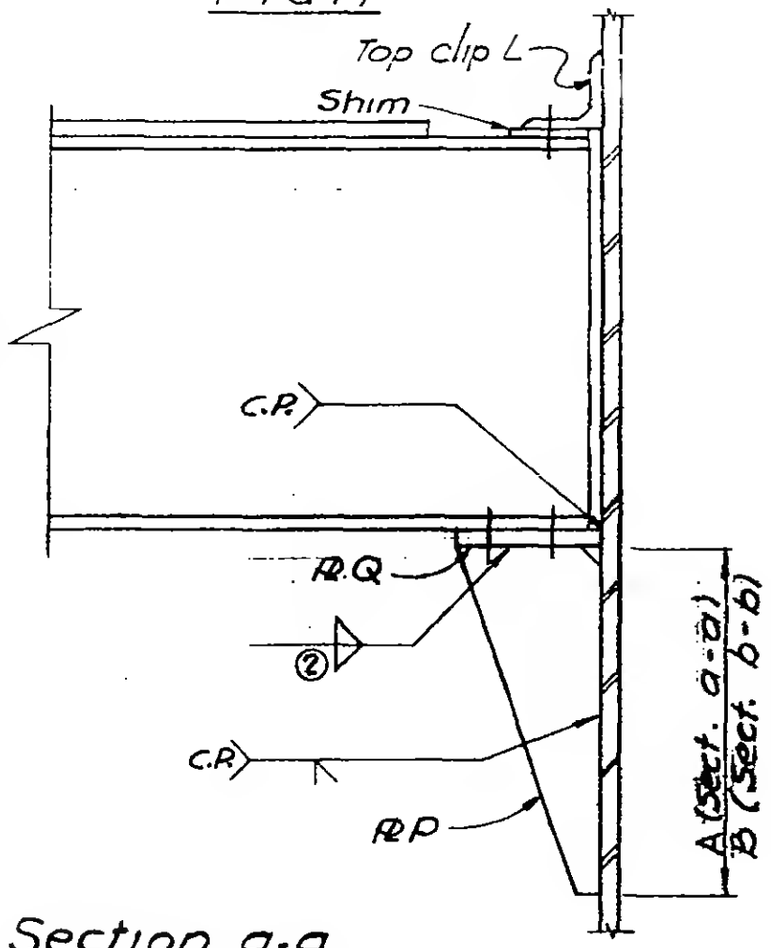
PROJECT THE WORLD TRADE CENTER | TITLE CONNECTION DETAIL 731, 731A | DATE 8-14-67

REVISIONS

2-9-68



Plan



Section a-a
Section b-b

SCHEDULE 731		
	Section a-a	Section b-b
PLATES		
P	7/8"	3/4"
Q	7/8"	3/4"
DIMENSIONS		
A	1'-5"	—
B	—	1'-2"
BOLTS		
K	4 - 7/8" ϕ	—
L	—	4 - 3/4" ϕ
WELDS		
②	5/16	5/16

SCHEDULE 731A						
	Section a-a & Section b-b					
BEAM SIZE	PL P	PL Q	DIM. A	BOLTS K	BOLTS L	WELD ②
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 55	3/4"	3/4"	1'-2"	4-7/8" ϕ	4-3/4" ϕ	5/16
18 WF 60 - 18 WF 77	3/4"	3/4"	1'-6"	4-7/8" ϕ	4-3/4" ϕ	5/16

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

G-AB1-238