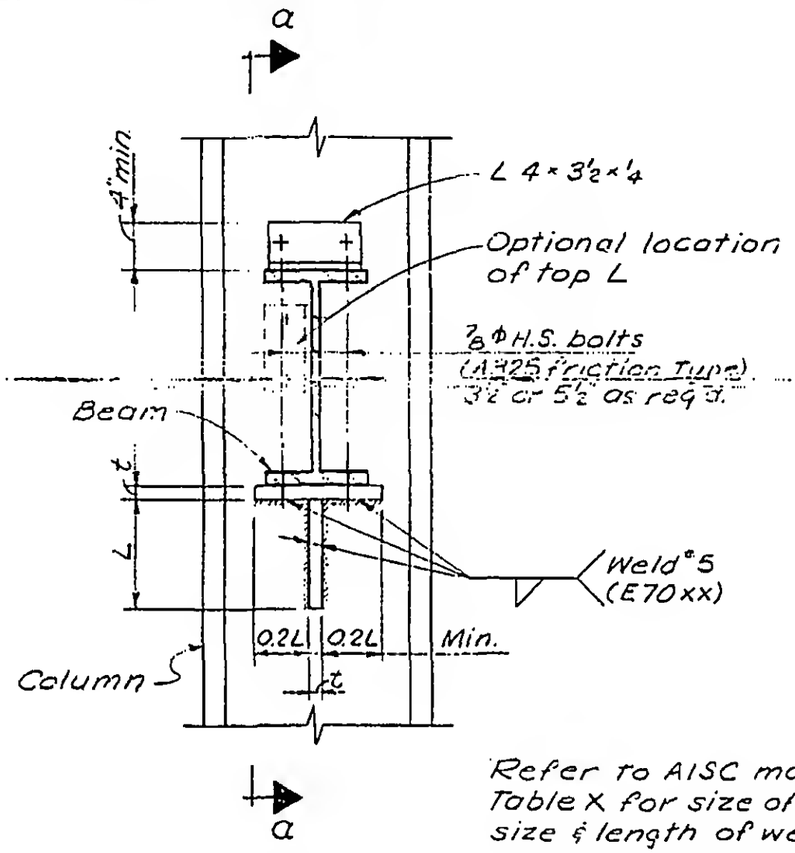
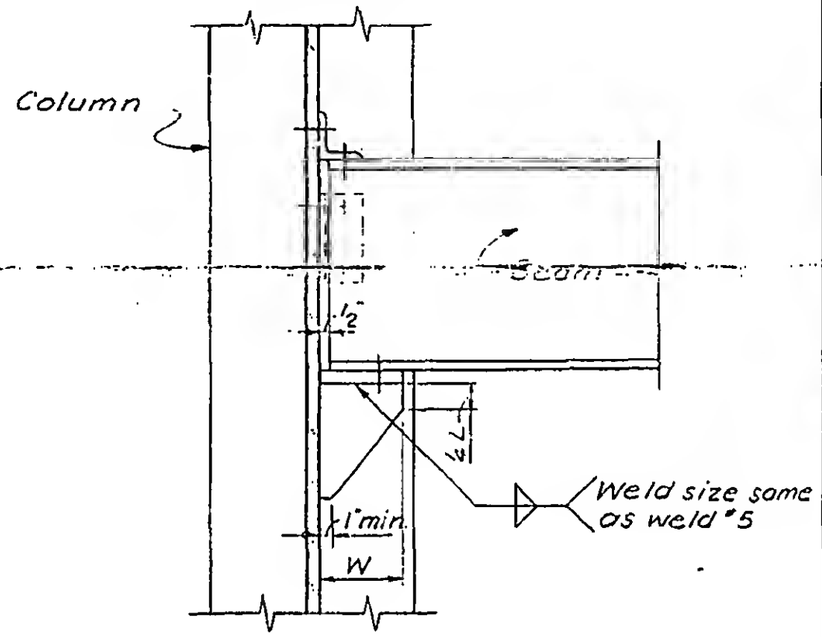
SKILLING - HELLE - CHRISTIANSEN - ROBERTSON Structural & Civil Engineers

PROJECT THE WORLD TRADE CENTER | TITLE TYPICAL BEAM TO COLUMN CONNECTION | DATE 10-20-67

REVISIONS

11-24-67
1-5-68
6-28-68
7-19-68





Refer to AISC manual Table X for size of seat, size & length of welds.

SECTION a-a

Min. t ≥ beam web thickness (A-36)
≥ 1.4 × beam web thickness (Fy ≥ 42 ksi) ≤ 50 ksi)
≥ 1.66 × beam web thickness (Fy = 60 ksi)
Struct. tees cut from WF may be used in place of a two-plate seat. But the thickness of flange and web of such WF should be equal or greater than the min. t stated above.

STIFFENED SEATED CONNECTION TO COLUMN-WEB

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

12-JK1-3