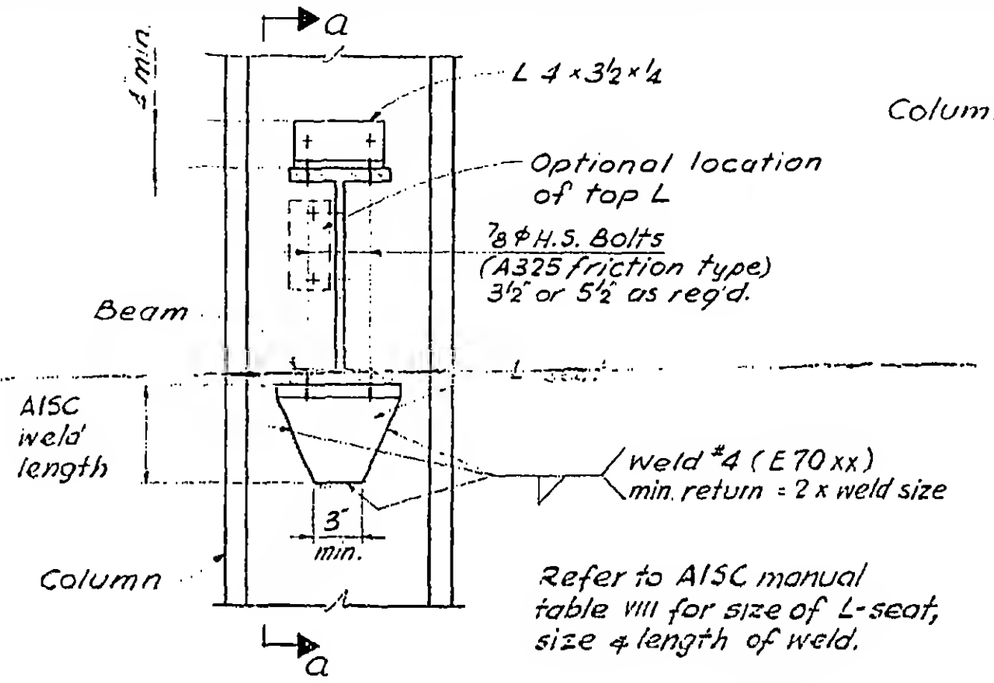
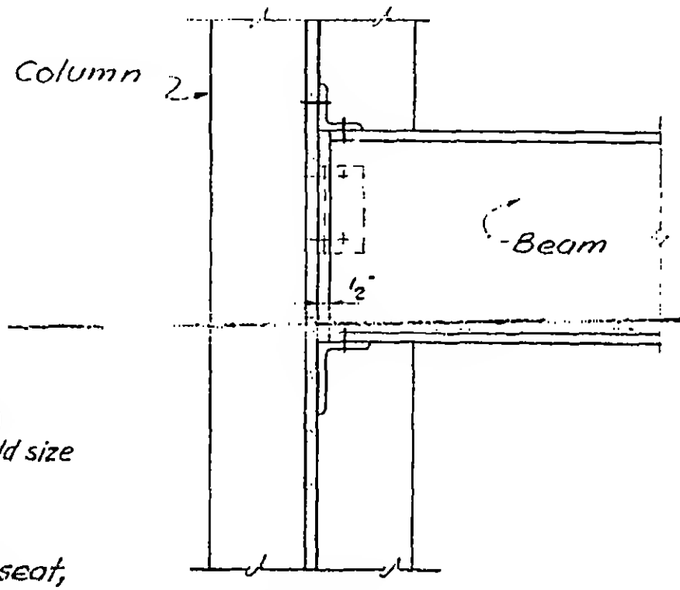
SKILLING - HELLE - CHRISTIANSEN - ROBERTSON Structural & Civil Enginoors

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

REVISIONS
11-24-67
1-5-68
7-19-68

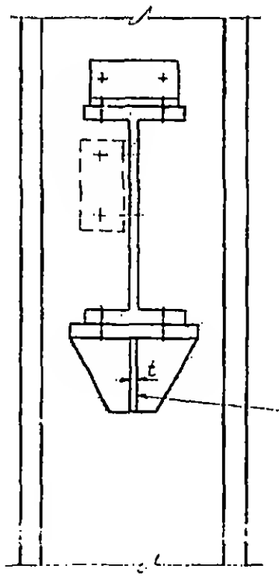


Refer to AISC manual table VIII for size of L-seat, size & length of weld.

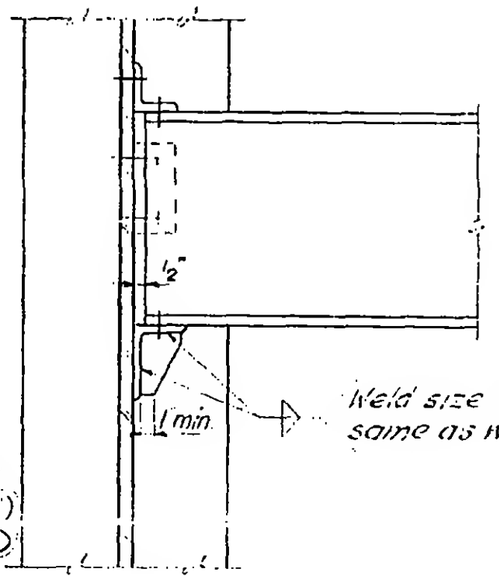


SECTION a-a

ANGLE - SEAT CONNECTION TO COLUMN - WEB



Stiffener
t ≥ beam web thickness (A-36)
≥ 1.4 × beam web thickness (Fy ≥ 42 KSI ≤ 50 KSI)
≥ 1.00 × beam web thickness (Fy = 60 KSI)



OPTION

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

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