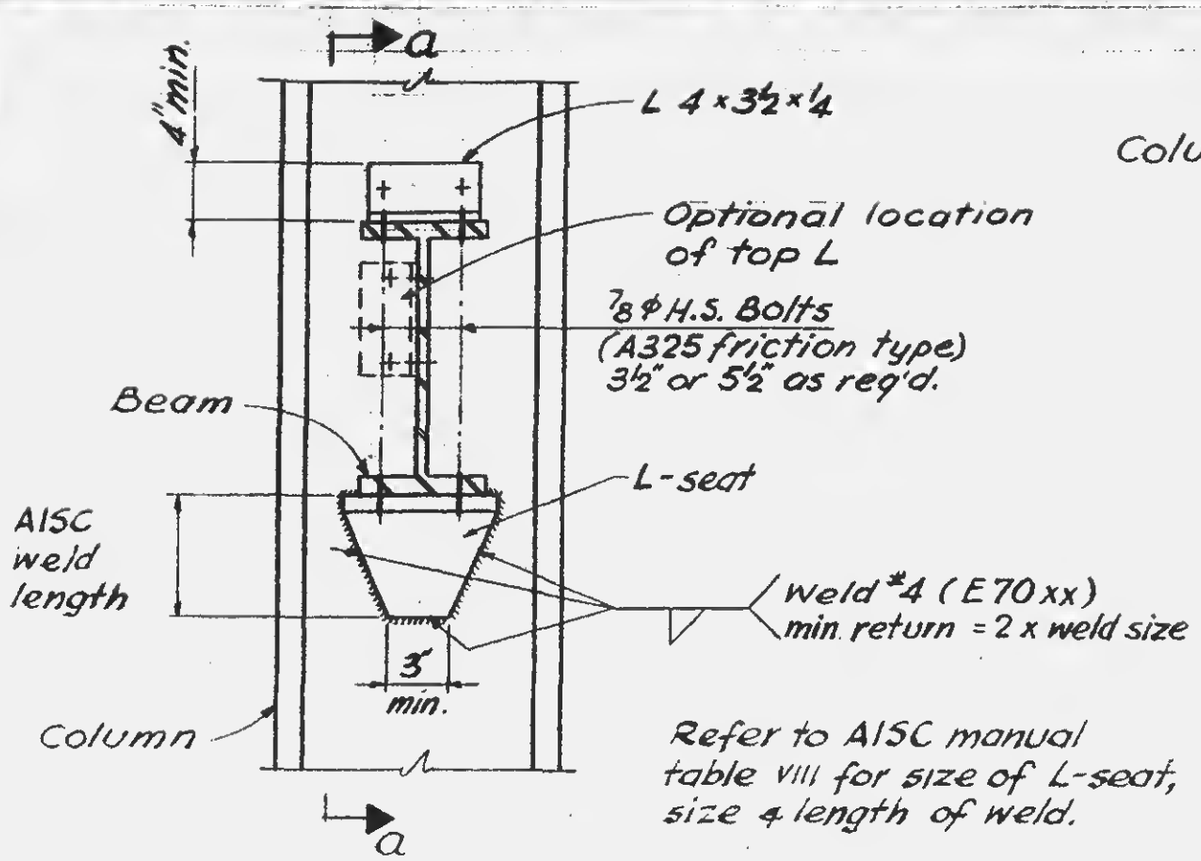
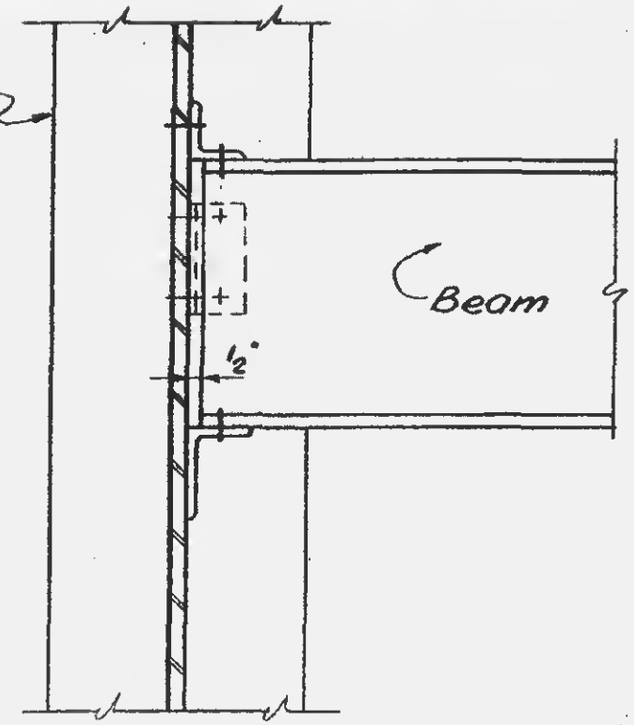
SKILLING – HELLE – CHRISTIANSEN – ROBERTSON

PROJECT THE WORLD TRADE CENTER | TITLE TYPICAL BEAM TO COLUMN CONNECTION | DATE 10-29-67

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

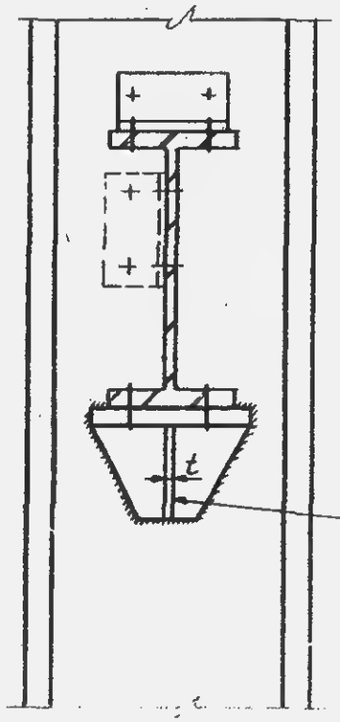


Refer to AISC manual table VIII for size of L-seat, size & length of weld.



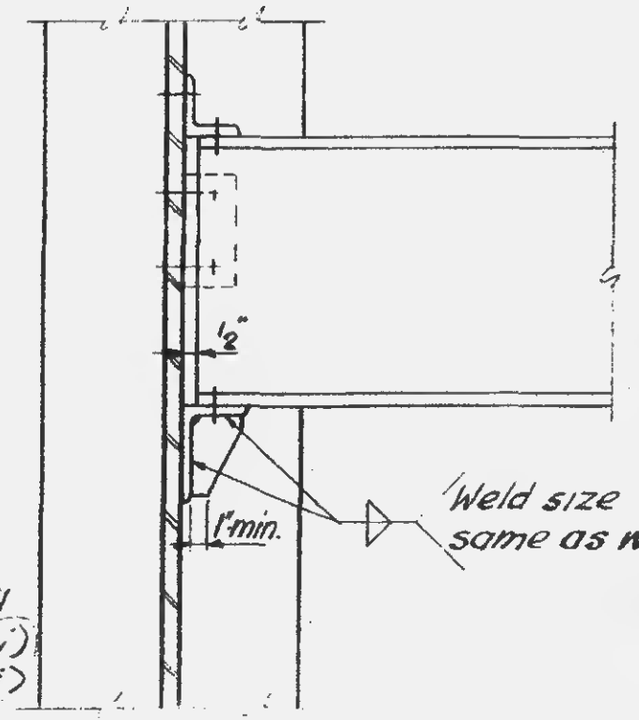
SECTION a-a

ANGLE - SEAT CONNECTION TO COLUMN - WEB



Stiffener
$t \geq$ beam web thickness (A-36)
$\geq 1.4 \times$ beam web thickness ($F_y \geq 42$ KSI ≤ 50 KSI)
$\geq 1.66 \times$ beam web thickness ($F_y = 60$ KSI)

OPTION



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

12-JK1-2