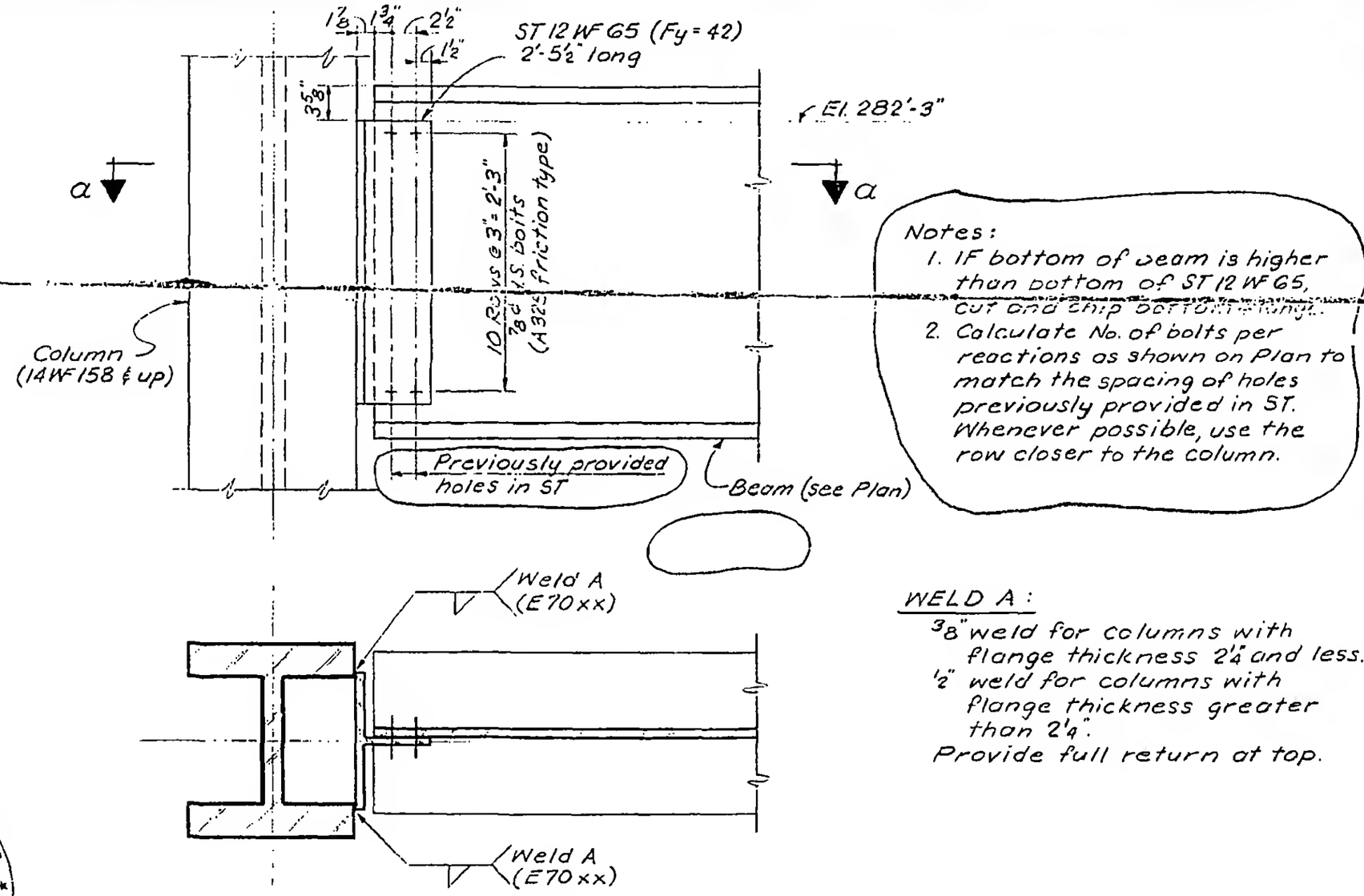
SKILLING - HELLE - CHRISTIANSEN - ROBERTSON Structural & Civil Engineers

PROJECT THE WORLD TRADE CENTER | TITLE BEAM TO COL. CONN. FOR COL'S WITHIN REFRIG. RM. AREA | DATE 11-24-67

REVISIONS

11-27-68



Notes:
1. IF bottom of beam is higher than bottom of ST 12 WF 65, cut and chip bottom flange.
2. Calculate No. of bolts per reactions as shown on Plan to match the spacing of holes previously provided in ST. Whenever possible, use the row closer to the column.

WELD A:

⅜" weld for columns with flange thickness 2¼" and less.
½" weld for columns with flange thickness greater than 2¼".
Provide full return at top.

Section a-a

TYPE II

Provide this type of connection to columns within refrigeration room area. (See schedule on 12-JK1-53 for location)

LICENSED PROFESSIONAL ENGINEER
LESLIE E. ROBERTSON
No. 34360
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12-JK1-55