WORTHINGTON, SKILLING, HELLE & JACKSON

PROJECT THE WORLD TRADE CENTER | TITLE CONNECTION DETAILS - GENERAL NOTES | DATE 7-5-67

REVISIONS
7-28-67

1. DIMENSIONS

a. All beam reference centerlines and column reference face or center lines are located in the plans.

b. Elevation of top of steel is shown in the plans. See Beam Types (5AB2-) for location on beam of reference top of steel.

c. Where a dimension is shown in the drawings from the centerline of a beam or column it shall be considered to be from the reference centerline of the beam or column. Where a dimension is shown from the face of a column, it shall be considered to be from the theoretical face of the column. The theoretical face of the column is located from the reference centerline of the column by a distance equal to one half of the scheduled column width or depth.

2. CONNECTION PLATES

a. Where connection plate dimensions are not shown in the drawings, plate dimensions shall be determined by providing standard AISC edge distances with the indicated bolt spacing.

b. Use standard gauge for all bolts in beams unless otherwise shown in the drawings, or approved by the Engineer.

c. The bolt patterns is the same for the top and bottom ℄'s of a connection unless otherwise shown in the drawings.

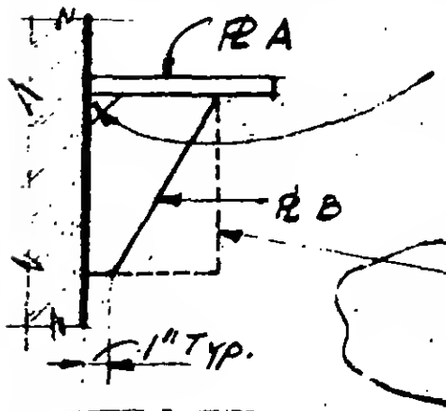
3. BOLTED CONNECTIONS

a. All bolted connections shall be friction type connections except where specifically noted in the drawings.

b. All bolts shall be ASTM A325 bolts, except in locations where ASTM A490 or A307 bolts are specifically called for in the drawings.

c. Bolted connections shall have a minimum of 2-¾" bolts except where specifically noted in the drawings.

4. STIFFENED SEATS



Where ℄ A is welded to the column with complete penetration weld, snipe corner of ℄ B to clear weld.

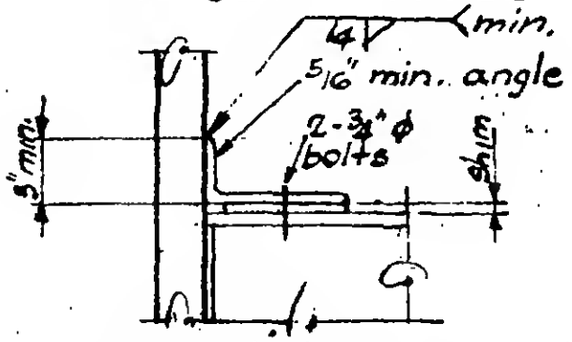
Where ℄ B is shown in the drawings with a square cut, sloped cut as shown may be supplied.

5. MATERIALS

a. All connection plates, angles and other detail material shall conform to ASTM A36 unless another type of steel is specifically noted in the drawings.

b. All manual welding electrodes shall be E70 xx low hydrogen electrodes unless otherwise shown in the drawings.

6. TOP CLIP ANGLES



This detail shall be used where top clip angles are indicated in the drawings but not sized.

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

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