NOTES:
1. Design loading of grid conforms to AASHTO H-20-44.
2. Provide 4 - 2" x 1 1/4" (51 mm x 6 mm) torque bars on grids without cleanout. Full length, spaced as shown, & welded with 3/16" (5 mm) fillet welds to top of as shown, rails as required and as described in the specifications. See detail E.
3. End plate flush with, and welded to, rails except cleanout panel.
4. The metric conversions are provided in parenthesis following the English units.

WELDING SYMBOLS

LEGEND:
\[\text{\(\rightarrow\)} - fillet weld both sides

Rail, cold-formed from ASTM A242 steel plate 7-gauge min. thickness
Cold-formed structural steel tubing, ASTM A500, grade B, min. Ts3" x 2" x 0.1875" (76 x 51 x 5 mm)

Detail D
(Cross section of rail)

Detail E
See note 2

Torque bars, anchor cup

Detail F

Section Y-Y

Drill holes to match wings both sides.

W8 x 13 stringers (203 mm x 330 mm)

End beam weld to header R's

Weld beams to header R's

Stringers & equal spaces

See specifications

1 1/4" (6 mm) header plate

Plan

Without cleanout

Anchor clips, both sides (furnished loose & field welded, or shop weld, as specified) See detail F

Always think SAFETY