\[ \frac{1}{8} \times 8 \text{''} \text{ASTM A325 SLIP CRITICAL BOLT WITH HEX NUT AT CORNERS OF BASIN (TYP).} \]

\[ \frac{3}{8}\text{''} \text{CROSS BARS (TYP)} \]

\[ L_4 \times 3\frac{3}{4} \times 36\frac{3}{4} \text{ LONG} \]

\[ TYP ALL CORNERS \]

\[ \frac{1}{8}\text{''} \text{BEARING BAR (TYP)} \]

\[ 2'\text{''-1''} \]

\[ 2'\text{''-1''} \]

\[ END BAR (TYP) \]

\[ \frac{1}{8}\text{'' TYP} \]

\[ L_4 \times 3\frac{3}{4} \times 36\frac{3}{4} \text{ LONG} \]

\[ \frac{1}{8}\text{'' TYP} \]

\[ 2'\text{'' TYP} \]

\[ END BAR (TYP) \]

\[ \frac{5}{8}\text{''} \text{BEARING BAR (TYP)} \]

\[ \frac{3}{8}\text{''-4''} \text{SLOT} \]

\[ \frac{3}{8}\text{''-4''} \text{END BAR (TYP)} \]

\[ \frac{5}{8}\text{''} \text{BEARING BAR (TYP)} \]

\[ \frac{3}{8}\text{''-4''} \text{SLOT} \]

\[ \frac{3}{8}\text{''-4''} \text{END BAR (TYP)} \]

\[ \frac{5}{8}\text{''} \text{BEARING BAR (TYP)} \]

\[ \frac{3}{8}\text{''-4''} \text{SLOT} \]

\[ \frac{3}{8}\text{''-4''} \text{END BAR (TYP)} \]

\[ \frac{5}{8}\text{''} \text{BEARING BAR (TYP)} \]

\[ \frac{3}{8}\text{''-4''} \text{SLOT} \]
NOTES:

1. UNLESS SPECIFIED OTHERWISE, ALL METAL PARTS SHOWN HEREON SHALL BE ASTM A36 STEEL CONFORMING TO SECTION 206–1 OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (SSPWC). ALL BOLTS SHALL BE ASTM A325 SLIP CRITICAL BOLT WITH HEX NUT.

2. ALL METAL PARTS (INCLUDE NUTS & BOLTS) SHALL BE HOT-DIP GALVANIZED IN ACCORDANCE WITH SECTION 210–3 OF THE SSPWC AFTER FABRICATION.

3. 3/8" CROSS BARS MAY BE FILLET WELDED, RESISTANCE WELDED OR ELECTROFORGED TO THE BEARING BARS.

4. L = 36 INCHES FOR CURBSIDE GRATING BASINS AND ALLEY GRADING BASINS.
   L = 45 INCHES FOR COMBINATION CATCH BASINS.
   L = 64 INCHES FOR CURB OPENING CATCH BASINS WITH GRATING AND DEBRIS SKIMMER.

5. FRAME AND GRATING SHALL BE INSTALLED WITH LOGITUDINAL BEARING BARS ALIGNED WITH THE DIRECTION OF THE GUTTER FLOW.