STORM SEWER INLET FRAME TYPE "A"
FOR INLET DESIGN NO. 1
FOR USE WITH TYPE "W" GRATE

SECTION A-B

NOTE
ONLY ONE TYPE A FRAME IS REQUIRED FOR INLET DESIGN NO. 1.
WEIGHT - 292 LB.

STORM SEWER INLET FRAME TYPE "C"
FOR INLET DESIGN NO. 3
FOR USE WITH TYPE "W" GRATE

SECTION A-B

NOTE
THE TYPE "W" FRAMES AND ONE TYPE "C" FRAME ARE REQUIRED FOR INLET DESIGN 3.
WEIGHT - 477 LB.

GENERAL NOTES
1. CASTINGS FOR FRAME SHALL CONFORM TO THE SPECIFICATIONS FOR GRAY CAST IRON CASTINGS, SERIAL DESIGNATION A-487-75 CLASSES 38-9 OR BETTER.
2. NO WORKING OR MARKING OF ANY KIND OTHER THAN THOSE SHOWN ON THE PLAN WILL BE PERMITTED ON THESE CASTINGS.
3. ALL NUTS AND BOLTS SHALL BE CROMODU PLATED STEEL.
4. IF BUILT ON A STRAIGHT CURB, THE FRAMES FOR INLET DESIGN NO. 1 REQUIRE TWO 3/4" X 5" BOLTS WITH NUTS TO SECURE THE SIDES OF THE FRAMES TOGETHER AND ONE 1-BEAM SUPPORT 4" X 7.75" X 3/4".
5. IF BUILT ON A CURVED CURB, THE FRAMES FOR INLET DESIGN NO. 1 REQUIRE THREE 3/4" X 5" BOLTS WITH NUTS TO SECURE THE SIDES OF THE FRAMES TOGETHER AND ONE 1-BEAM SUPPORT 4" X 7.75" X 3/4" WITH A 5' X 24' X 3/4" PLATE TO BE SPOT WELDED AT 4 PLACES ON EACH SIDE OF THE 1-BEAM FLANGE.
6. WHEN TYPE "C" FRAMES ARE USED IN STRAIGHT CURBS, THEY MUST BE ATTACHED TO THREE TIMES THE NUMBER OF "A" FRAMES PLUS 2. THE NUMBER OF 1-BEAM SUPPORTS REQUIRED IS EQUAL TO THE NUMBER OF "C" FRAMES.
7. COST OF STRUCTURAL STEEL 1-BEAMS, ANGLE IRON, AND NUTS AND BOLTS TO BE INCLUDED IN THE PRICE BID FOR INLET.
8. STRUCTURAL STEEL FRAMES AND ANGLES SHALL HAVE TOP RODS, NUTS, AND BOLTS INCLUDED IN THE PRICE BID FOR INLET.

TOLERANCES

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<th>INCHES PLUS MINUS</th>
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<th>RADIUS</th>
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<tr>
<td>DIAMETER OF ROUND LIDS AND FRAME</td>
<td>1/4&quot;</td>
<td>1/8&quot;</td>
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<tr>
<td>LENGTH OF SQUARE OR RECTANGULAR LIDS</td>
<td>1/16&quot;</td>
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<tr>
<td>METAL THICKNESS</td>
<td>1/16&quot;</td>
<td>1/16&quot;</td>
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<td>ALL OTHER DIMENSIONS</td>
<td>1/8&quot;</td>
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CITY OF TULSA, OKLAHOMA
ENGINEERING SERVICES DEPARTMENT

STANDARD STORMWATER FRAMES

REVISION | BT | DATE
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1146 | | MARCH 2022

DESIGN NUMBER
573.765