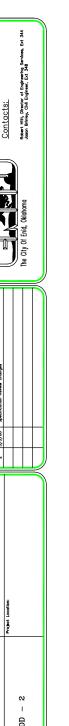


9. Ferrous castings shall be of uniform quality, free of blowholes, porosity, hard spots, shrinkage distortion or other defects. They shall be smooth and well cleaned by shot blasting or other approved cleaning method. After cleaning they shall be coated with asphalt base paint resulting in a smooth coating, tough and tenacious when cold, not tacky nor brittle.

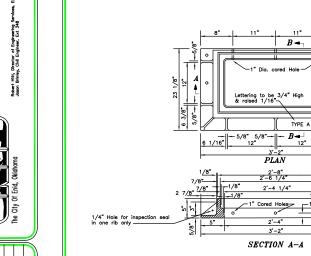
10. All castings shall be manufactured true to pattern; component parts shall fit together in a satisfactory manner

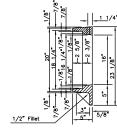


Date: 8/1/81 Scale: NO SCALE

Drawn By: P.B. Designed By: R.H. Approved By: R.H.

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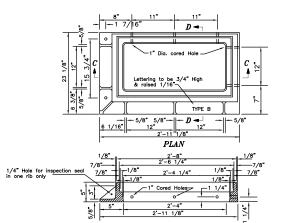


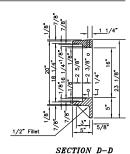


SECTION B-B

NOTE: ONLY ONE TYPE "A" FRAME IS REQUIRED FOR INLET DESIGN NO. 1

# TYPE "A" FOR INLET DESIGN NO. 1



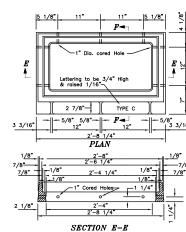


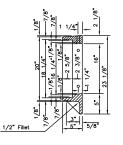
NOTE: MAKE ONE FRAME AS SHOWN AND ONE REVERSED FOR DOUBLE FRAMES.

#### SECTION C-C

1/8"--

## TYPE "B" FOR INLET DESIGN NO. 2 AND 3.





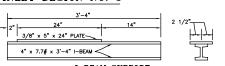
SECTION F-F

NOTE: TWO TYPE "B" FRAMES AND TWO TYPE "C" FRAMES ARE REQUIRED FOR

## TYPE "C" FOR INLET DESIGN NO. 3

## GENERAL NOTES

- 1. All Construction and Materials requirements shall be in accordance with the current Standard
- 3. Inlet Design No. 2 requires 2-Type "B" Frames and 2-3/4" x 5" bolts with nuts to secure Frames together and one I-Beam support  $(4^* \times 7.7 \# \times 3^* 4^*)$ . If built on curved curb the inlet requires 1-3/4" x 5" bolt and 1-3/4" x 6 1/2" bolt with nut to secure Frames together with 5" x 24" x 3/8" plate spot welded in four places to I-Beam support  $(4^* \times 7.7 \# \times 3^* 4^*)$ .
- A. Inlet Design No. 3 requires the same appurtenances as Design No. 2 with two or more Type "C" Frames located between the two Type "B" Frames and additional I—Beam support or I—Beam with plate and a pair of bolts with nuts for each Type "C" Frame added plus one additional pair of bolts and support.
- All bolts required for these structures shall be machine bolts and shall conform to the requirements of AASHTO-164 and shall be Cadmium plated or Galvanized.



I-BEAM SUPPORT TO BE USED WHEN STRUCTURE IS BUILT ON CURVED CURB



FRAMES

8

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Date: 8,	/1/81
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Approved By:	R.H.
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