

Notes:

Location and elevation when given on the plans is top center of the grate. When side openings are provided, elevation shall be the flow line of the side inlet.

Casting and Frame Casting to be East Jordan Iron Works No. 5110 w/Type M2 Flat Grate or as approved equal.

Brick, concrete block or cast-in-place walls have a nominal thickness of 8 inches. Precast walls shall have a min. thickness of 6 inches and be reinforced sufficiently to permit shipping and handling without damage. Brick or concrete block shall not be used above the flow line of the side opening for type 2-2-A.

2-2-A Side Inlets to be placed 4 to 6 inches below normal elevations of median or ditch flow line returning to normal 10 feet each side of the basin.

2-2-B Grate elevation to be placed 4 to 6 inches below normal ditch returning to normal 10 feet each side of the basin.

Side Inlets shall be provided on both sides of the No. 2-2-A catch basins in sags and on upstream side only where the ditch has a continuous down grade past the catch basin.

Concrete, cast in place, to be Class C. All precast concrete shall meet the requirements of 706.13.

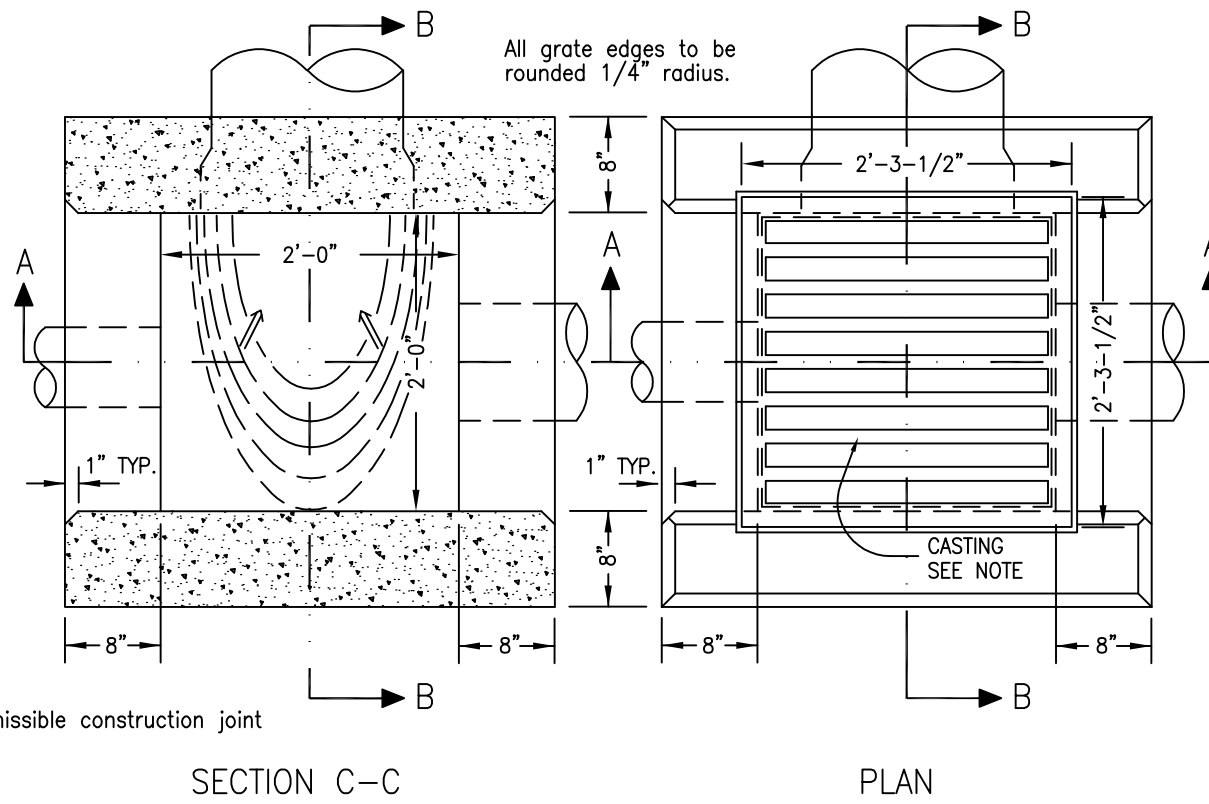
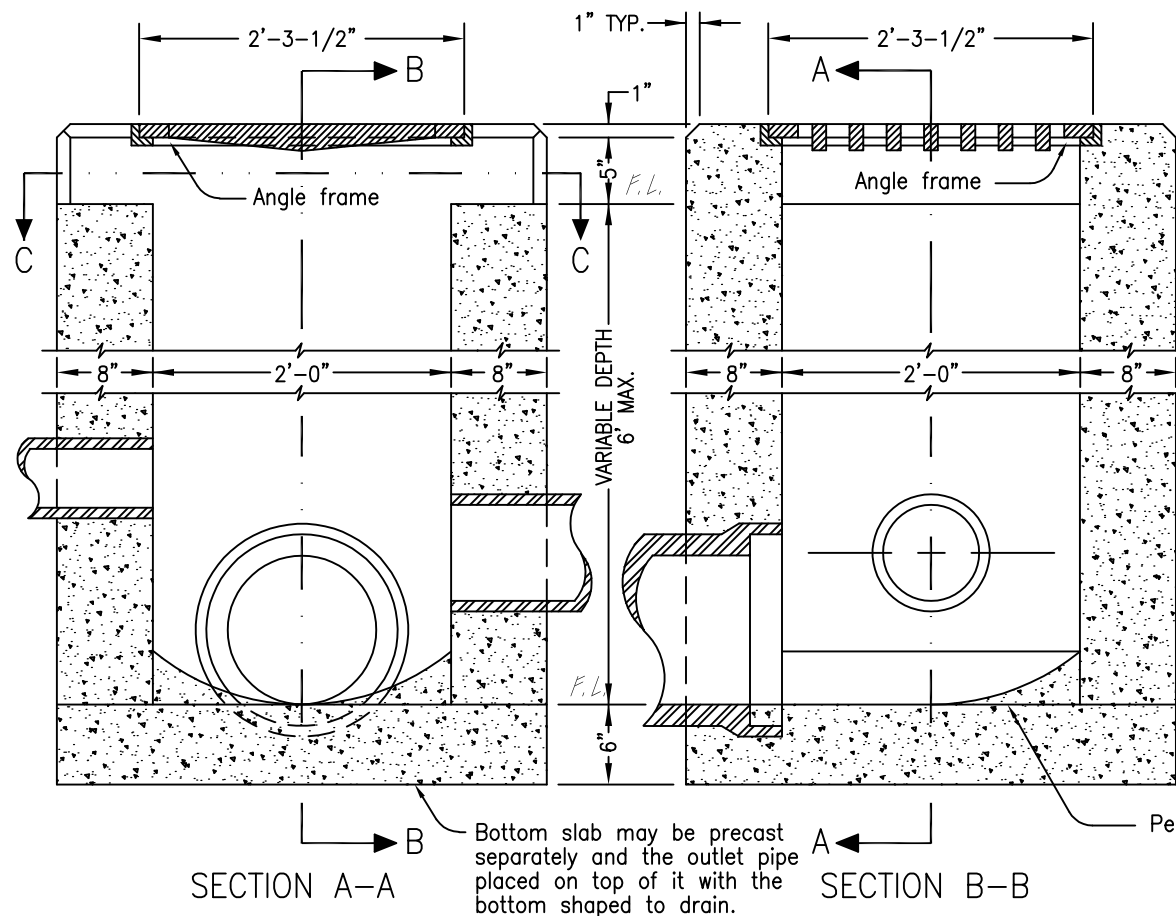
Openings for pipes shall be O.D +2" when fabricated or field cut.

Backfill for structures within 3' of all pavement, driveways and sidewalks shall be Low Strength Mortar Backfill, TYPE 2 per current O.D.O.T. Construction and Material Specifications, except as modified herein.

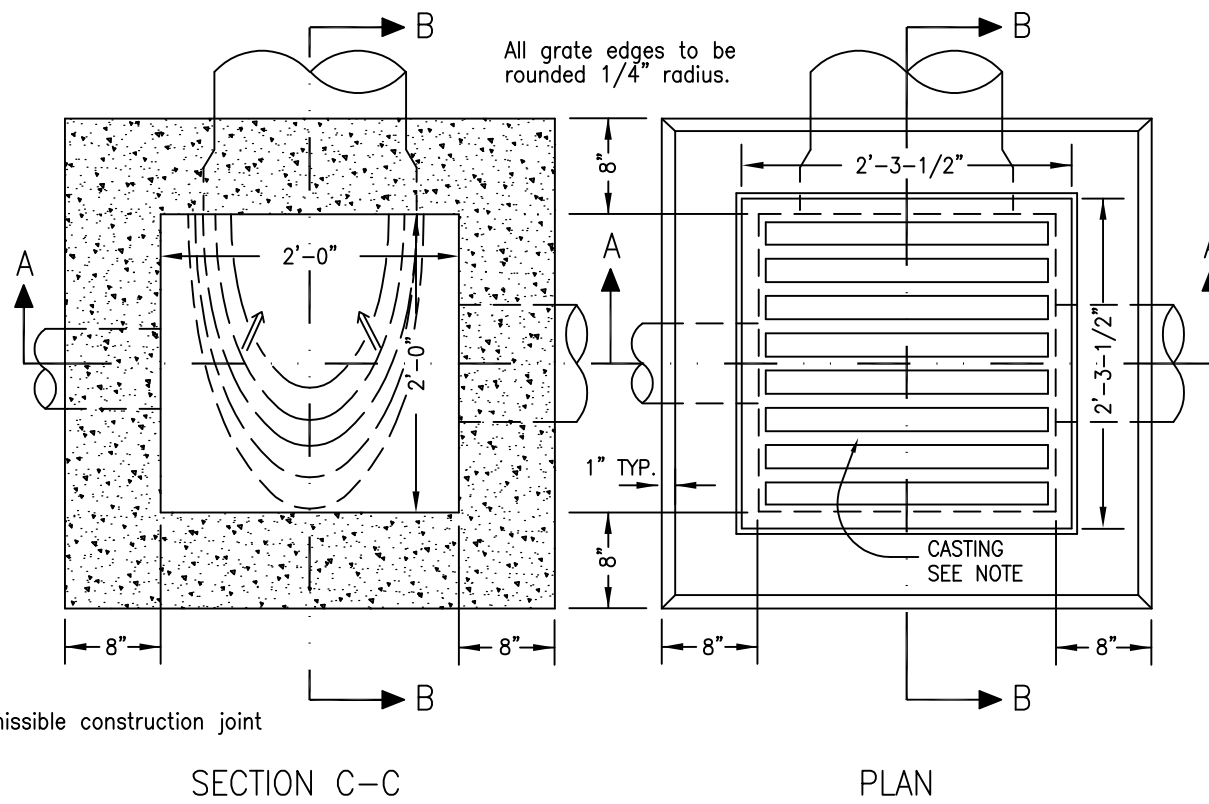
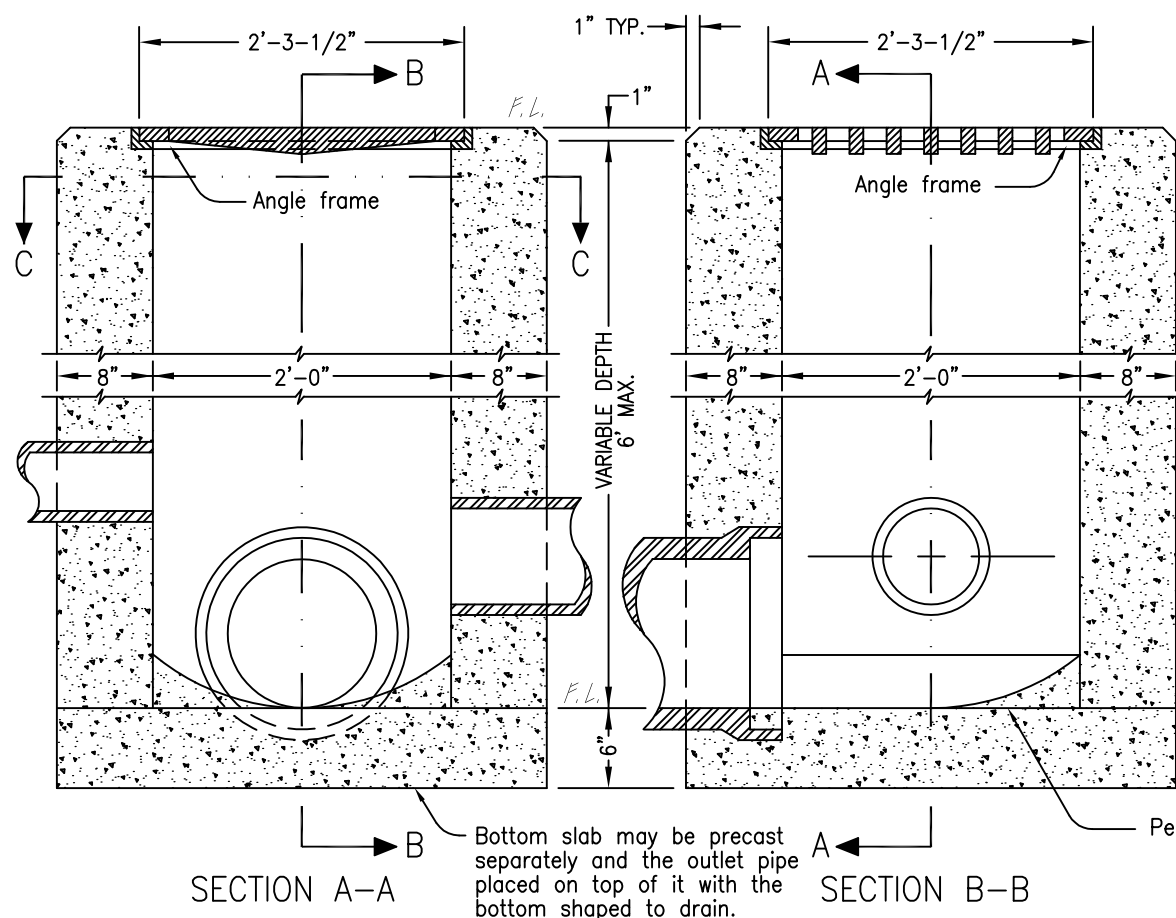
The use of Foundry Sand is strictly prohibited.

The contractor is required to submit a mix design, for City Approval, a minimum of 48 hours prior to the installation of the backfill.

STANDARD No. 2-2-A CATCH BASIN



STANDARD No. 2-2-B CATCH BASIN



1	5/3/03	DAH	General Revisions - Re-issue
REV No.	DATE	BY	DESCRIPTION
CITY OF WESTLAKE, OHIO DEPARTMENT OF ENGINEERING			
CATCH BASIN 2-2-A 2-2-B			
SCALE:	AS NOTED		
DATE:	DRWN BY:		