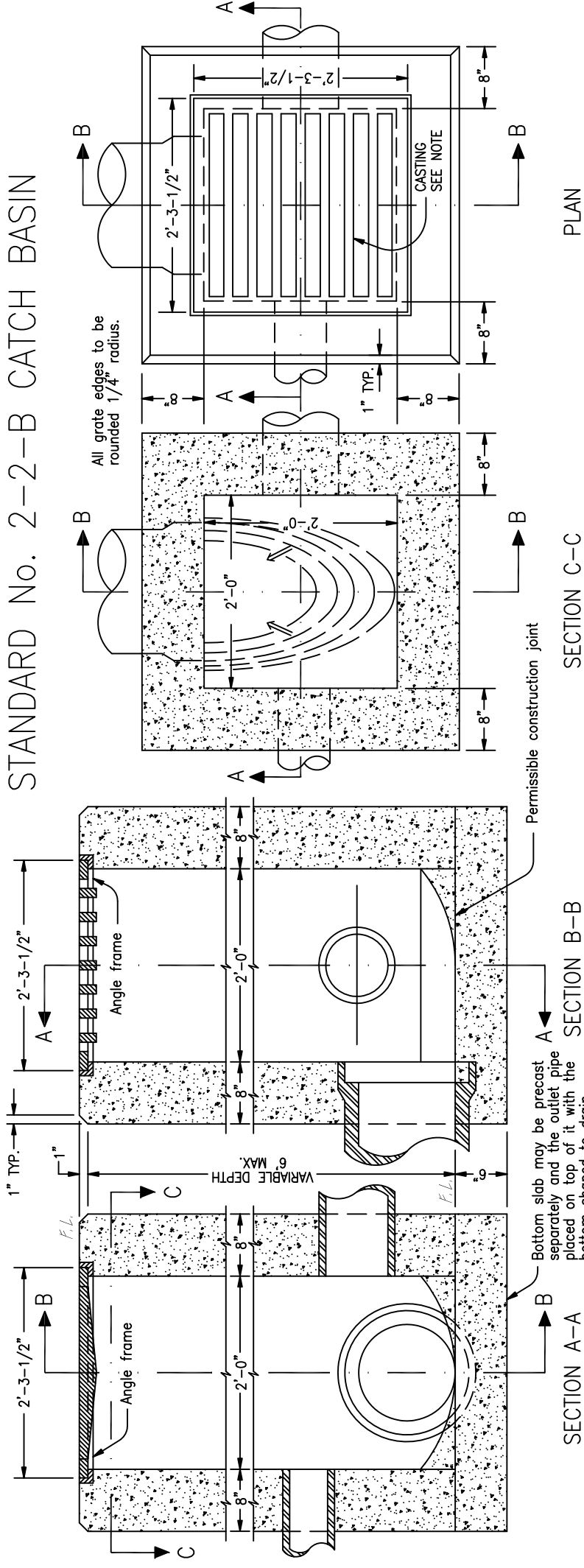


STANDARD No. 2-2-A CATCH BASIN



STANDARD No. 2-2-B CATCH BASIN

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.
- IF DIRECTED BY THE ENGINEER brick and concrete block or cast-in-place walls shall 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.

REV No.	DATE	BY	DESCRIPTION
2	9/12	DAH	General Revisions - Re-issue
1	5/3/03	DAH	General Revisions - Re-issue

CITY OF WESTLAKE, OHIO
DEPARTMENT OF ENGINEERING

CATCH BASIN
2-2-A 2-2-B

SCALE: AS NOTED
DATE: _____
DRWN BY: _____

ALL STRUCTURES TO BE PRE-CAST CONCRETE UNLESS OTHERWISE DIRECTED.