

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. A type M3 or M4 may be required in a bicycle traffic environment.

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.

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.

The following text shall be cast into the top of the grate: "DUMP NO WASTE" and "DRAINS TO WATERWAY"

Text shall be printed in bold, capital letters with a minimum height of 0.5". "WATERWAY" may be substituted with "STREAM", "RIVER", "LAKE", etc. Actual placement and logo may vary per manufacturer.

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

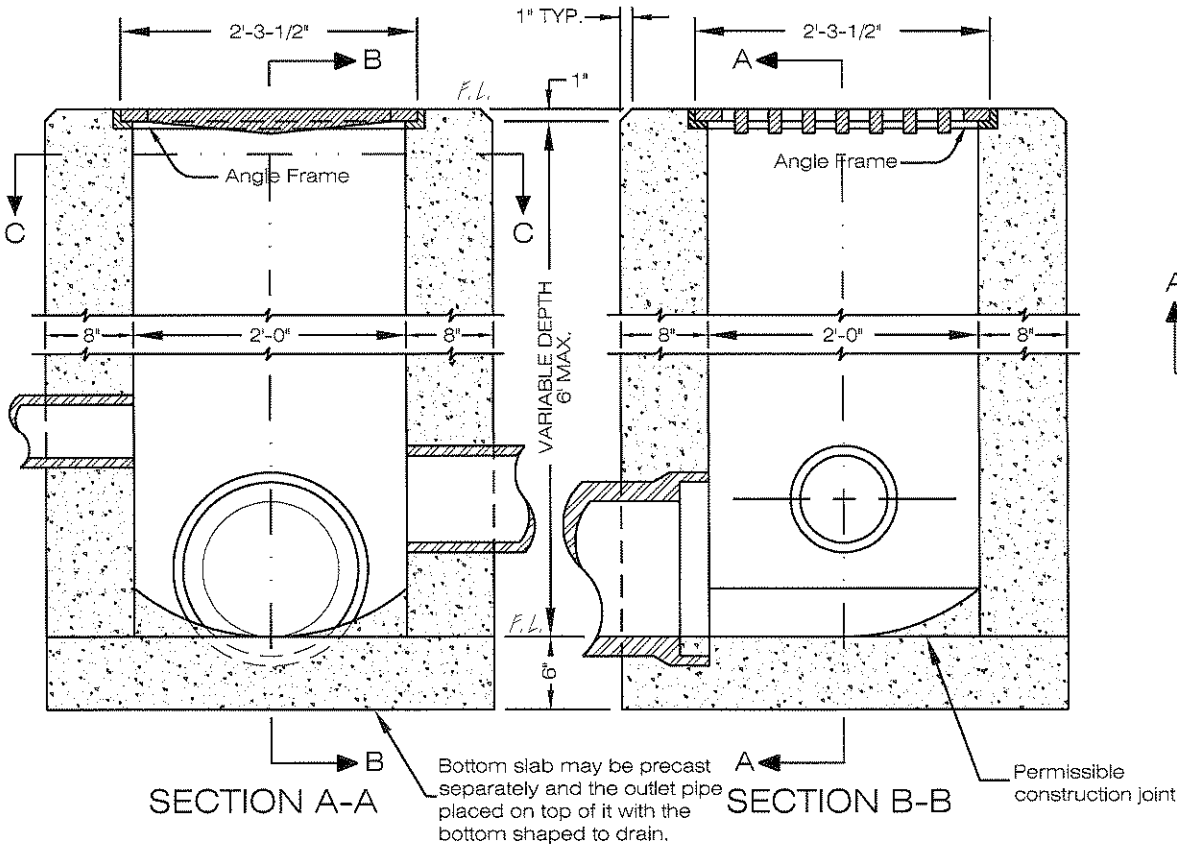
Concrete: cast in place, to be Class C. All precast concrete shall meet the requirements of 706.13.

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

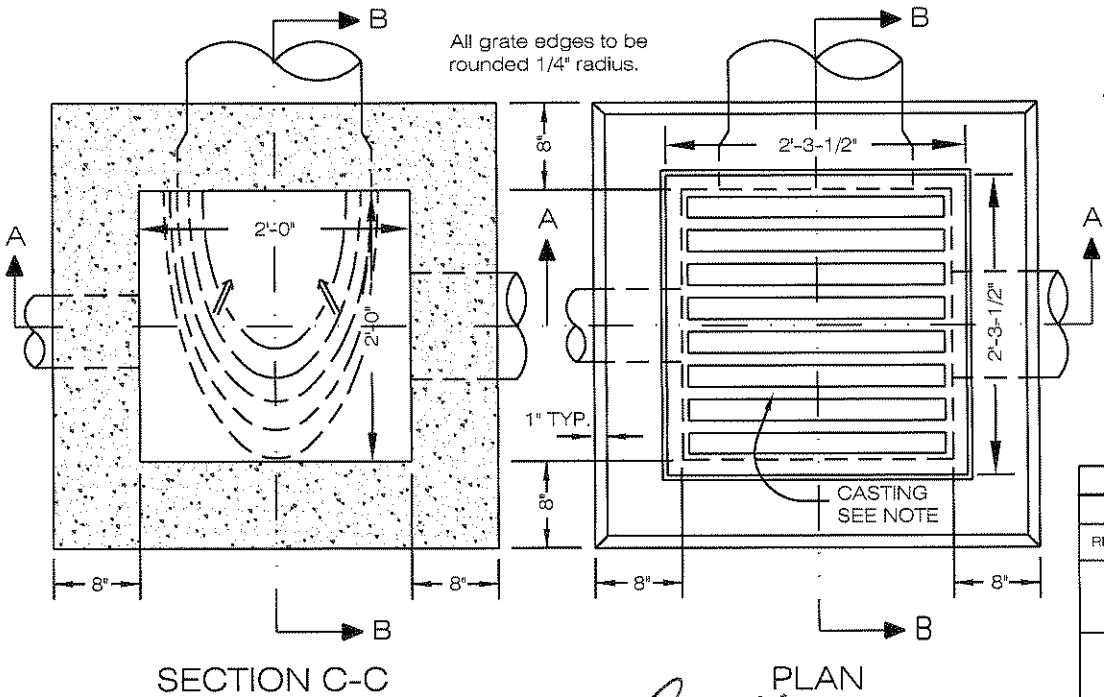
Maximum Depth: is 4'-0".

Backfill for structures within 3' of all pavement, driveways and sidewalks shall be ODOT Item 304 Aggregate Base or 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 or Slag is strictly prohibited.



STANDARD No. 2-2-B CATCH BASIN



*Larry Liffith*  
CITY OF NORTH RIDGEVILLE, ENGINEER

REV No.	DATE	BY	DESCRIPTION
CITY OF NORTH RIDGEVILLE, OHIO DEPARTMENT OF ENGINEERING			
CATCH BASINS 2-2-B			
SCALE: NOT TO SCALE			STM-6
DATE: 10/01/08	DRWN BY: JAB/TEB		