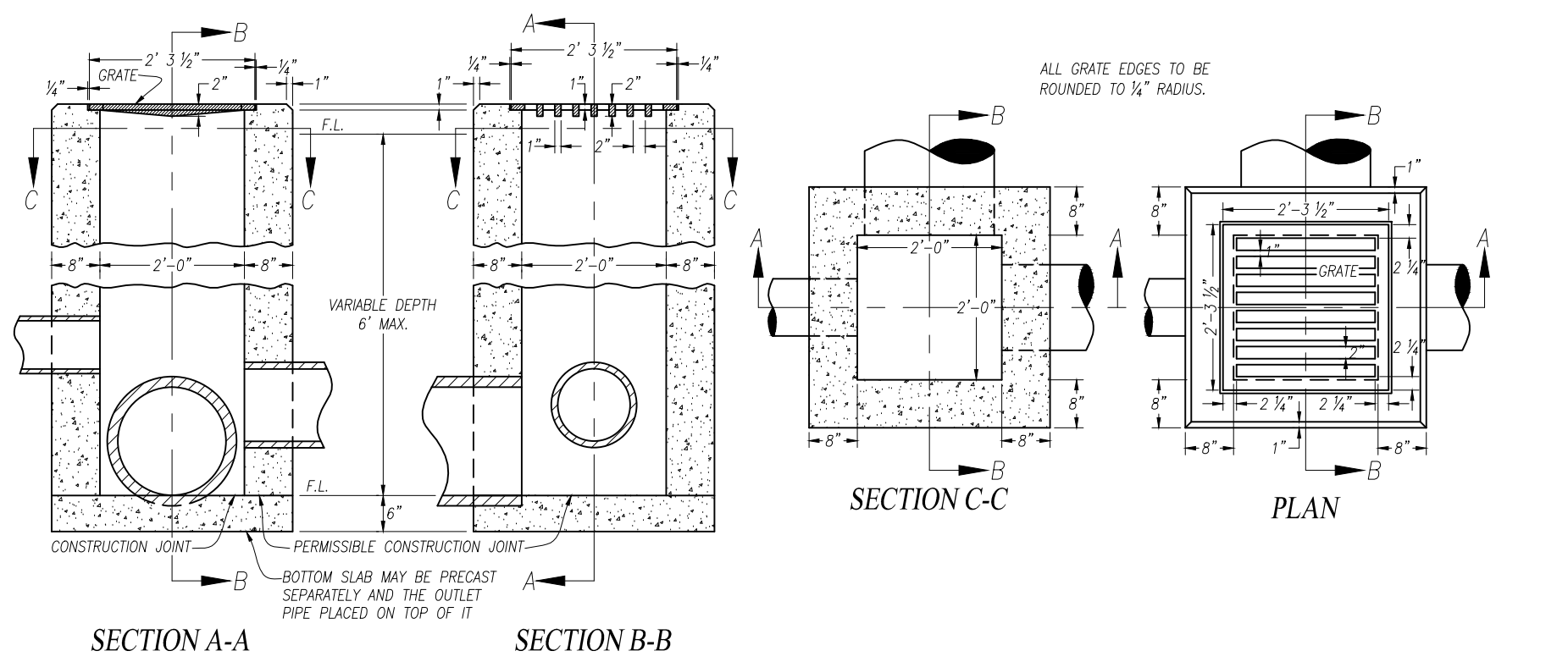


SECTION A-A

SECTION B-B

**STANDARD No. 2-2-A CATCH BASIN**



SECTION A-A

SECTION B-B

**STANDARD No. 2-2-B CATCH BASIN**

ALL GRATE EDGES TO BE ROUNDED TO 1/4" RADIUS.

ALL GRATE EDGES TO BE ROUNDED TO 1/4" RADIUS.

**NOTES**

PRECAST CATCH BASINS - SHALL BE APPROVED BY THE COUNTY ENGINEER ON A PER APPLICATION BASIS.

GRATING AND FRAME - SHALL BE NEENAH GRATE No. R-4871 AND FRAME No. R-4899, EAST JORDAN 5110 OR SHALL MEET THE REQUIREMENTS OF THE COUNTY ENGINEER. THE DESIGN SHALL BE ESSENTIALLY THE SAME AND EQUALLY AS STRONG AS THE ONE SHOWN HEREON.

WEIGHT OF GRATE = 115 lbs. (MINIMUM)  
WEIGHT OF FRAME = 40 lbs. (MINIMUM)

CONCRETE - CAST IN PLACE TO BE CLASS "C".

CONCRETE BLOCK - SIDE WALLS, WHEN USED IN PLACE OF CONCRETE, SHALL BE 8 INCHES NOMINAL THICKNESS. WHEN CONCRETE BLOCKS ARE USED, THE WALLS OF THE CATCH BASIN ABOVE THE FLOW LINE OF THE SIDE OPENING SHALL BE CONSTRUCTED OF PORTLAND CEMENT CONCRETE.

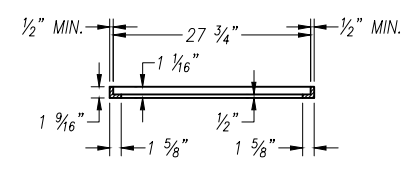
2-2-A SIDE INLETS - TO BE PLACED 4 TO 6 INCHES BELOW NORMAL ELEVATIONS OF MEDIAN OR DITCH FLOW LINE AND RETURNING TO NORMAL 10 FEET EACH SIDE OF BASIN.

2-2-B GRATE - ELEVATION TO BE PLACED 4 TO 6 INCHES BELOW NORMAL DITCH FLOW LINE ELEVATION AND RETURNING TO NORMAL 10 FEET EACH SIDE OF 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.

CATCH BASIN SPACING - CATCH BASIN SPACING SHALL BE 500 FEET MAXIMUM OR AS REQUIRED TO MEET ANY DRAINAGE REQUIREMENTS OR OTHER REGULATORY REQUIREMENTS.

MAXIMUM SIZE PIPE - FOR 2-2-A & 2-2-B SHALL BE 15" DIAMETER FOR CONCRETE PIPE AND CLAY TILE AND 18" FOR DUAL WALL SMOOTH INTERIOR PLASTIC PIPE AND SCHEDULE 40 P.V.C. PIPE.



**SECTION THROUGH ANGLE FRAME**  
FOR STANDARD No. 2-2-A CATCH BASIN

REVISIONS			ALLEN COUNTY, OHIO	
NO.	DATE	BY	COUNTY ENGINEER	
1	6-26-79	TJP	<b>CATCH BASIN DETAILS</b>	
2	11-13-89	TJP		
3	10-5-06	RJM		
4	5-12-16	ZIG		
			STANDARD CONSTRUCTION DRAWING CB-2-2-A & B DRAWN BY: Z.J.G. APPROVED BY: B. E. RHODES	