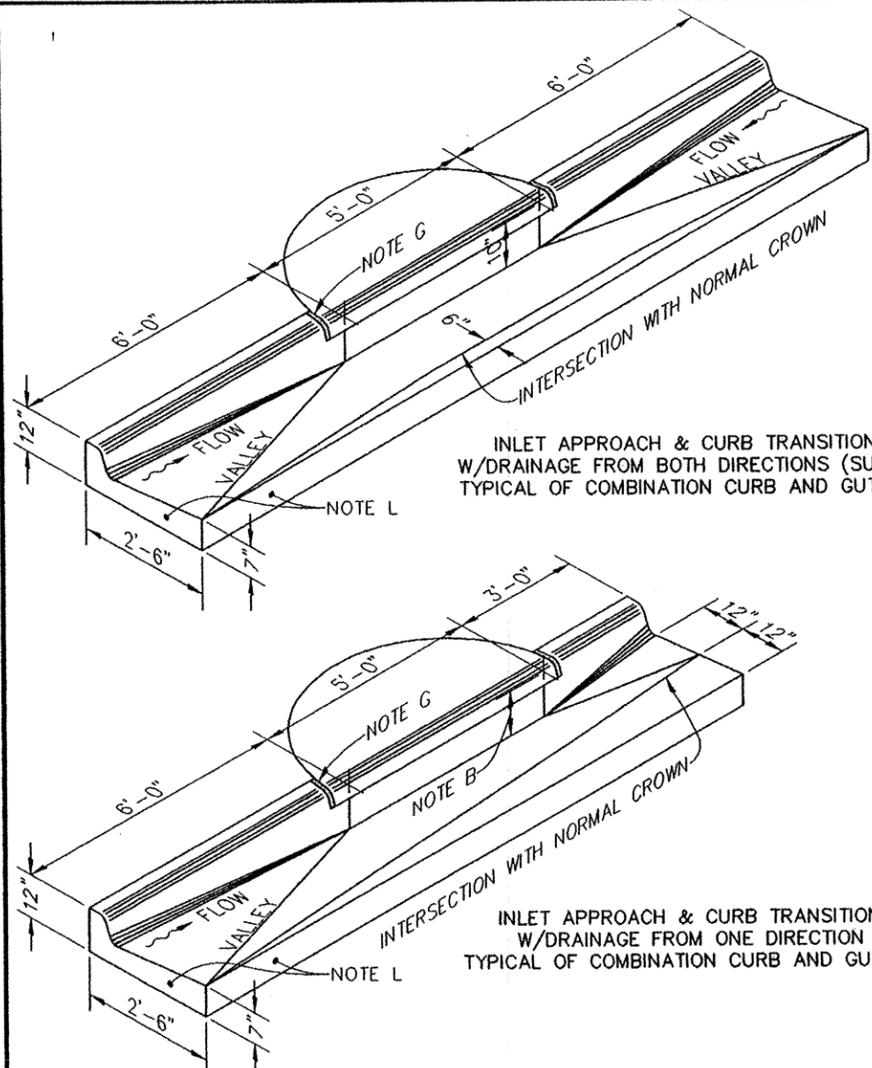
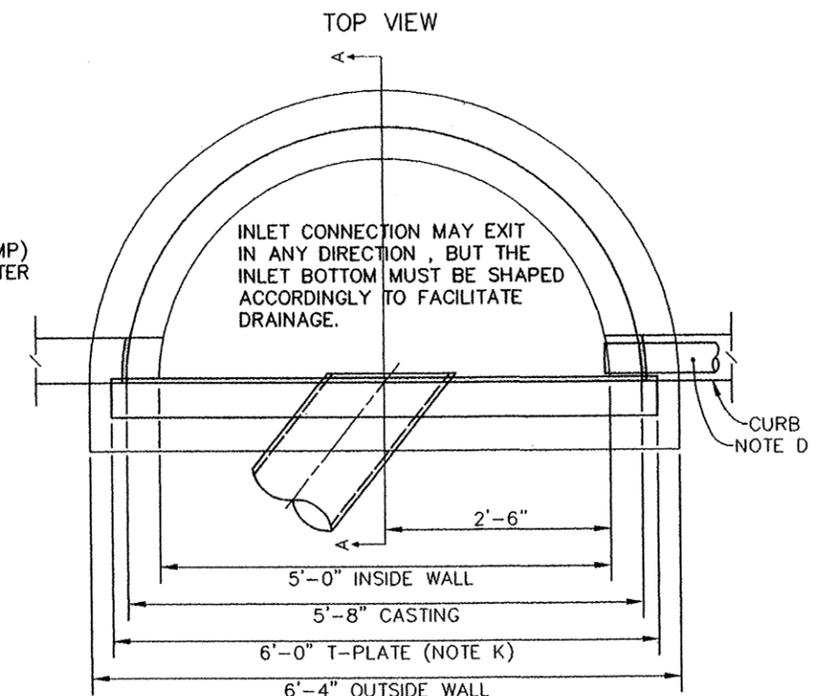


NO. 3 INLET CASTINGS	WITH 6"x18" CURB			W/COMB. CURB & GUTTER			T-PLATE	
	CATALOG NUMBER		WT./LBS	CATALOG NUMBER		WT./LBS	CATALOG NUMBER	WT./LBS
	FRAME	COVER		FRAME	COVER			
EAST AKRON CASTING CO.	122	116-A	515	125	116-A	515	123	160
NEENAH FOUNDRY CO.	R-3326		525	R-3326-A		525	R-3326-007	
EAST JORDAN IRON WORKS, INC.			7265	7266		515		160

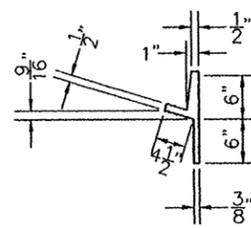


INLET APPROACH & CURB TRANSITION W/DRAINAGE FROM BOTH DIRECTIONS (SUMP) TYPICAL OF COMBINATION CURB AND GUTTER

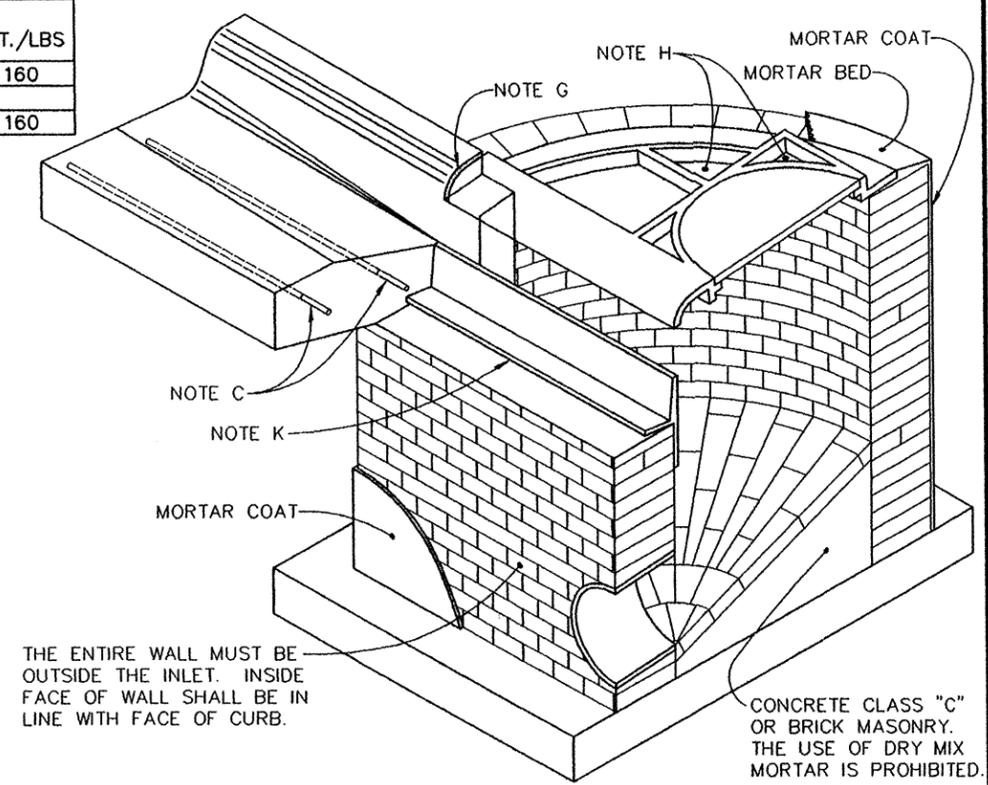
INLET APPROACH & CURB TRANSITION W/DRAINAGE FROM ONE DIRECTION TYPICAL OF COMBINATION CURB AND GUTTER



INLET CONNECTION MAY EXIT IN ANY DIRECTION, BUT THE INLET BOTTOM MUST BE SHAPED ACCORDINGLY TO FACILITATE DRAINAGE.



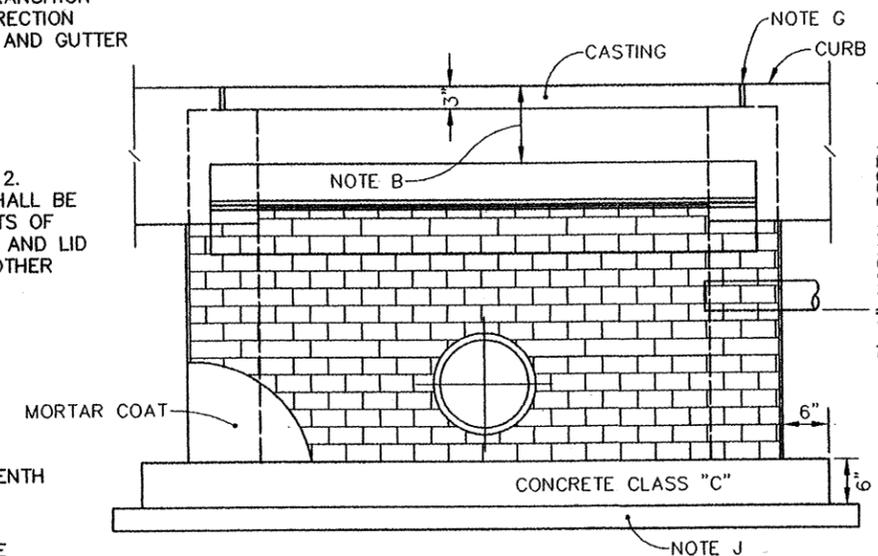
T-PLATE SECTION



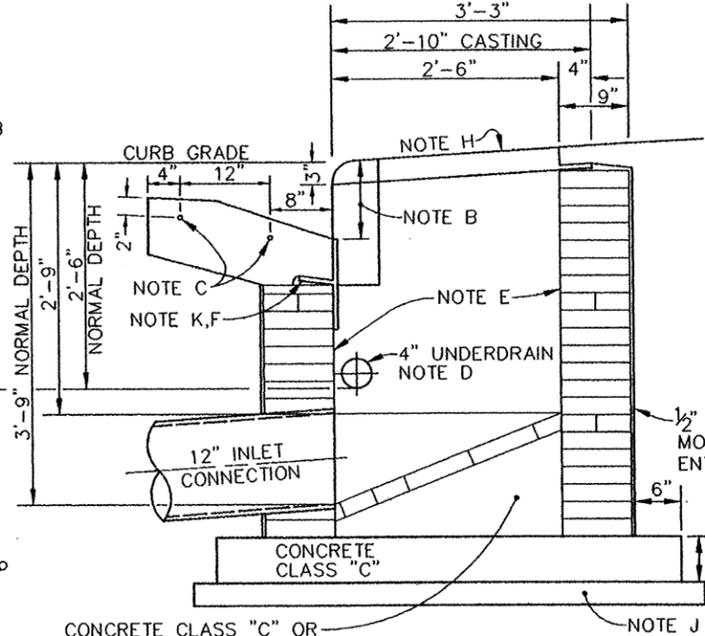
THE ENTIRE WALL MUST BE OUTSIDE THE INLET. INSIDE FACE OF WALL SHALL BE IN LINE WITH FACE OF CURB.

CONCRETE CLASS "C" OR BRICK MASONRY. THE USE OF DRY MIX MORTAR IS PROHIBITED.

- A. MATERIAL SHALL BE CAST IRON MEETING THE REQUIREMENTS OF 711.12. CASTINGS SHALL BE FREE FROM BLOWHOLES AND OTHER DEFECTS, SHALL BE CLEANED OF ALL SCALE AND GREASE, AND SHALL RECEIVE TWO COATS OF BITUMINOUS PAINT. UPON COMPLETION OF ALL WORK, THE PICKHOLE AND LID SEAT SHALL BE THOROUGHLY CLEANED OF ALL DIRT, CONCRETE OR OTHER DEBRIS TO INSURE A FIRM SEAT AND EASE OF REMOVAL.
- B. 10" FOR GRADES OF 5% AND UNDER, 11" FOR GRADES OVER 5%.
- C. 2 NO.5 REINFORCING RODS PLACED THE FULL LENGTH OF THE INLET APPROACH SLAB. MAINTAIN 2" MINIMUM COVER ON ALL REINFORCING STEEL.
- D. INSTALL UNDERDRAIN PIPE THROUGH INLET WALL ON UPHILL SIDE, OR ON BOTH SIDES IF INLET IS IN A SUMP.
- E. 8" BRICK WALL LAID UP IN PORTLAND CEMENT MORTAR. EVERY SEVENTH COURSE TO BE A STRETCHER COURSE.
- F. THE T-PLATE MUST BE MORTARED INTO THE BRICKWORK SO AS TO BECOME PART OF THE INLET WALL, PRIOR TO PLACING THE CONCRETE GUTTER. IN NO CASE SHALL THE T-PLATE BE INSTALLED IN CONJUNCTION WITH THE PLACEMENT OF THE GUTTER.
- G. DO NOT FILL WITH MORTAR. PROVIDE PREMOLDED EXPANSION MATERIAL, MINIMUM 1/2" THICK, AT EACH END OF THE CASTING, TO BE INCLUDED IN THE COST OF THE INLET. NOTCH IN CURB SHALL BE SAWCUT.
- H. THE CASTING SHALL BE SET TO THE SIDEWALK SLOPE ON A FULL BED OF MORTAR. THE SPACE BETWEEN THE WEBS IS TO BE FILLED WITH CLASS "C" CONCRETE AND FINISHED IN LIKE MANNER AS THE SIDEWALK.
- I. IN CASE OF CONFLICT WITH EXISTING UTILITIES, NOTIFY THE RESPECTIVE OWNERS FOR POSSIBLE RELOCATION OF LINES. DO NOT INCORPORATE UTILITY LINES INTO ANY PART OF THE INLET.
- J. No. 57 SLAG OR LIMESTONE, MINIMUM 3" THICK.
- K. WHERE A CONCRETE GUTTER IS TO BE CONSTRUCTED IN CONJUNCTION WITH THE INLET THE T-PLATE MAY BE ELIMINATED, BUT A TEMPORARY FORM MUST BE CORRECTLY UTILIZED TO PLACE AND FINISH THE CONCRETE.
- L. IN CONCRETE PAVEMENTS, PLACE TYPE I JOINT WITH 1" PREMOLDED EXPANSION MATERIAL.

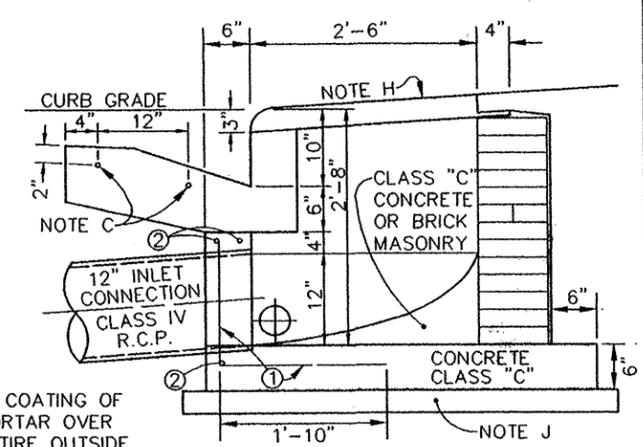


NO. 3 INLET FRONT VIEW



CONCRETE CLASS "C" OR BRICK MASONRY. THE USE OF DRY MIX MORTAR IS PROHIBITED.

SECTION A-A



MODIFIED NO.3 INLET * TO BE USED ONLY WHEN SHOWN ON PLANS, OR WHEN DIRECTED BY THE ENGINEER.

*

MODIFIED NO. 3 INLET REINFORCING ROD SCHEDULE				
LOCATION	QUANTITY	SIZE	LENGTH	
①	6	NO.5	3'-2"	12" ON CENTER-PERPENDICULAR TO CURB.
②	3	NO.5	5'-11"	STRAIGHT IN FRONT WALL.

DO NOT SCALE - USE DIMENSIONS ONLY

CITY OF AKRON BUREAU OF ENGINEERING	CONSTRUCTION STANDARD DWG. No. 1-3
<i>Michael Madonis</i> 3/15/02 MANAGER, DESIGN DIVISION	NO. 3 INLET
<i>James P. Weber</i> 3-15-02 MANAGER, CONSTRUCTION DIVISION	
<i>David J. Leitch</i> 3-15-02 CITY ENGINEER	
AUTOCAD DRAWING - STD_I-2.DWG February 28, 2002	