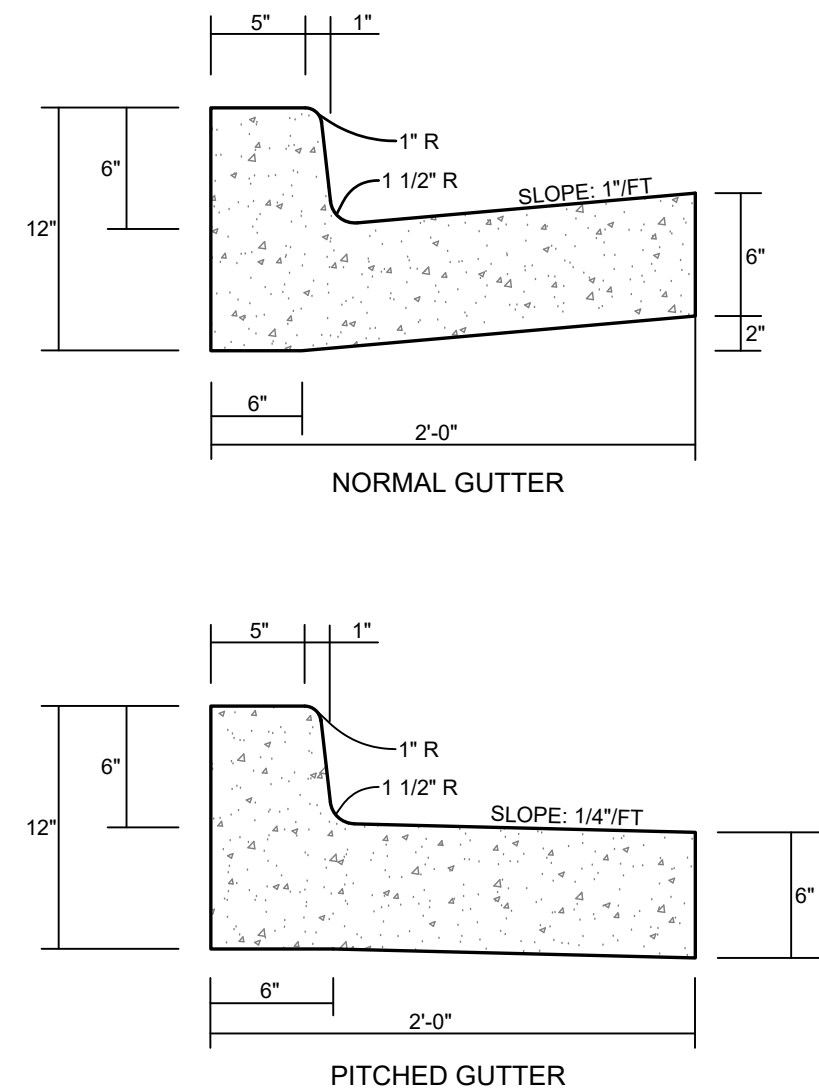
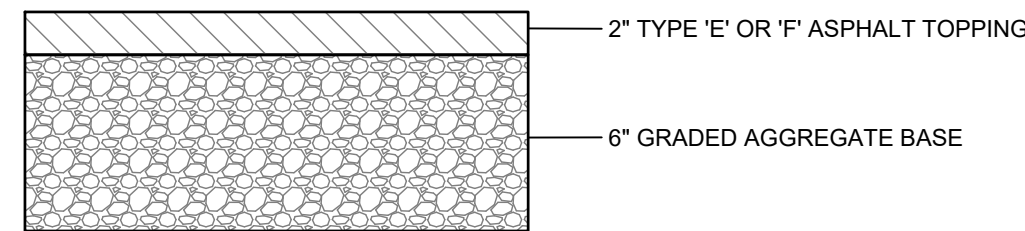




1. CURB AND GUTTER TO BE CONSTRUCTED OF 3000 PSI CONCRETE.
2. ONE-HALF (1/2) INCH EXPANSION JOINTS SHALL BE PROVIDED AT ALL STRUCTURES AND RADIUS POINTS AND AT INTERVALS NOT TO EXCEED 200' IN THE REMAINDER OF THE CURB & GUTTER.
3. CONTRACTION JOINTS SHALL BE INSTALLED 1/2" DEEP AT 10' INTERVALS.

CURB & GUTTER DETAIL

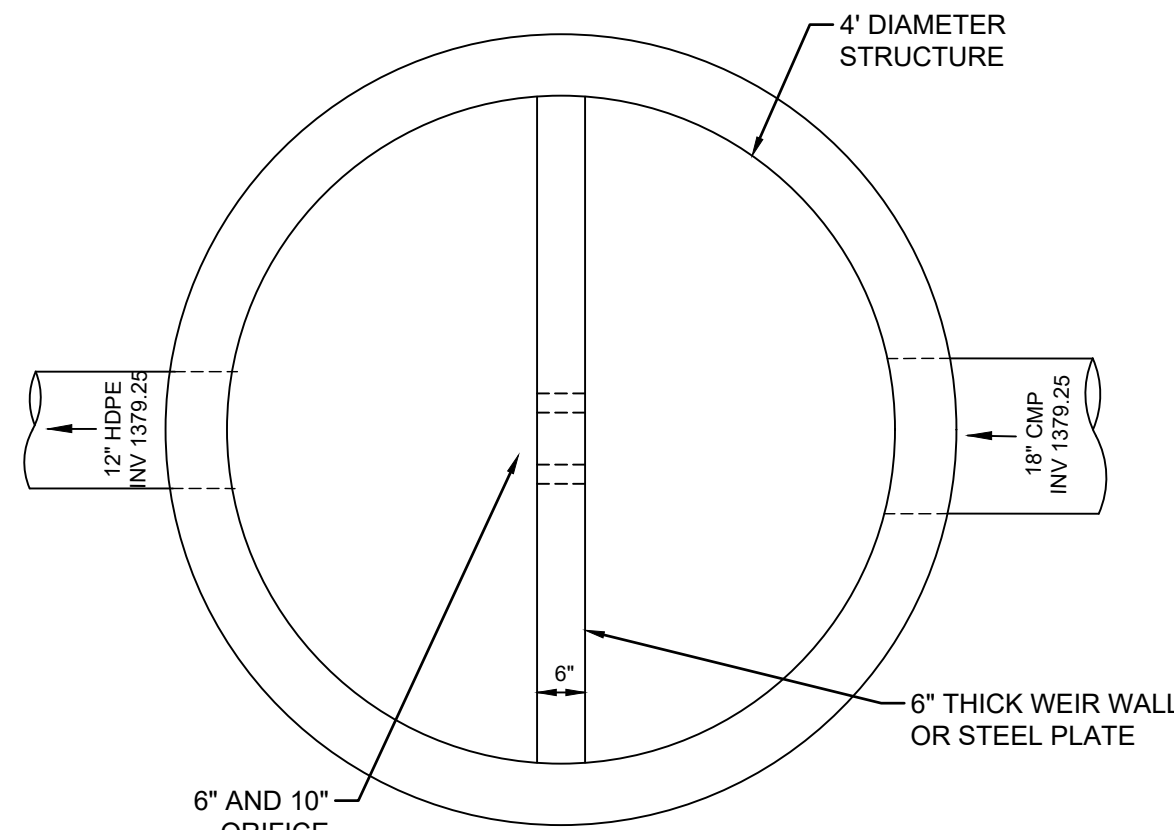


LIGHT-DUTY ASPHALT PAVING DETAIL

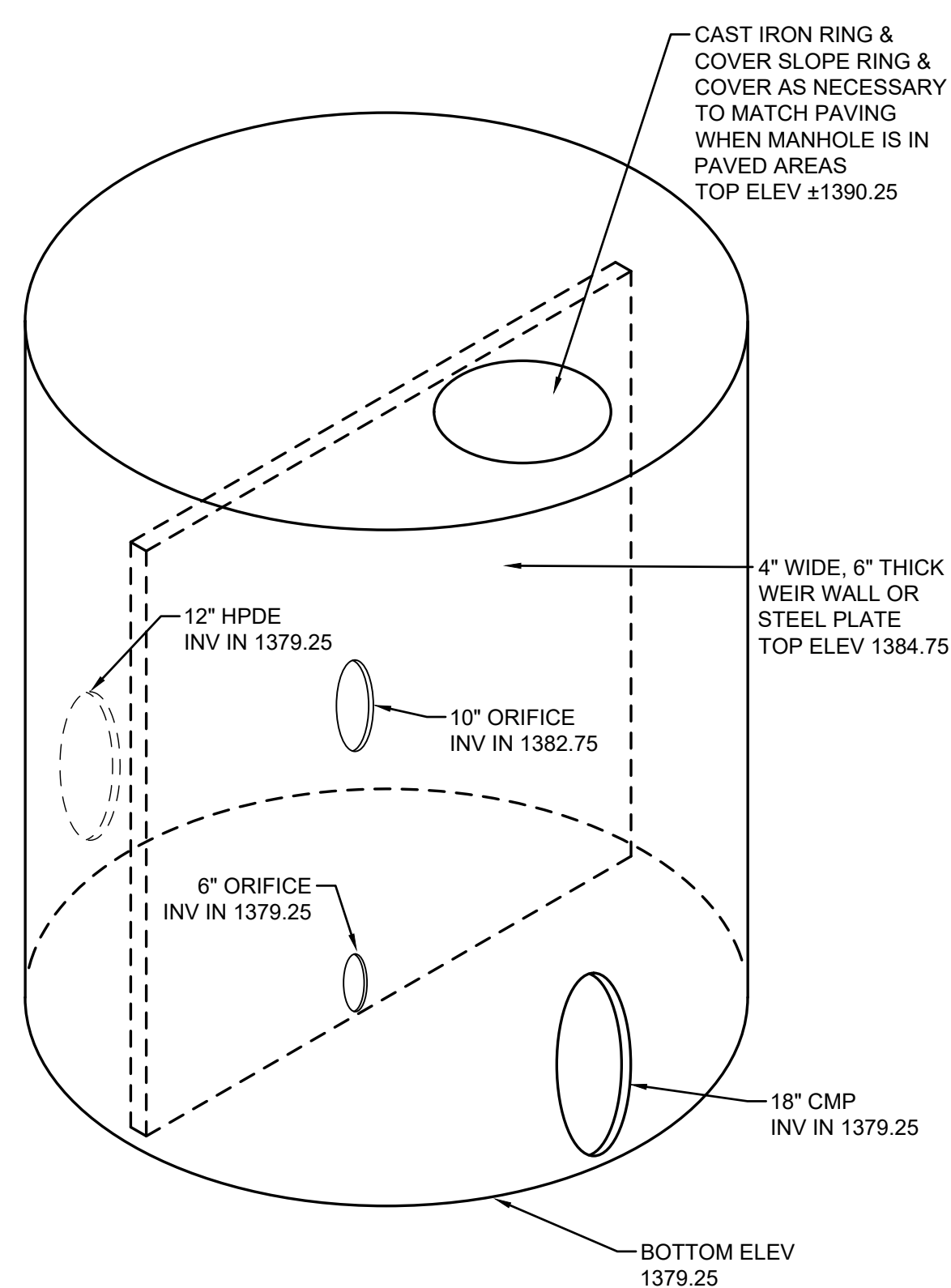
PAVEMENT NOTES:

1. THE GRADED AGGREGATE BASE SHALL BE COMPACTED TO 100% OF ITS MAXIMUM DRY DENSITY (ASTM D1557C).
2. ALL CONSTRUCTION METHODS AND MATERIALS SHALL BE IN ACCORDANCE WITH THE APRIL 18, 2013 EDITION OF THE "STANDARD SPECIFICATIONS CONSTRUCTION OF TRANSPORTATION SYSTEMS", DEPARTMENT OF TRANSPORTATION, STATE OF GEORGIA.
 - ALL MATERIALS SHOULD COMPLY WITH SECTION 800, 801, 815, 828, AND 830.
 - ALL CONSTRUCTION PROCEDURES SHALL COMPLY WITH SECTIONS 310, 400, AND 430.

PAVING DETAILS



OUTLET CONTROL STRUCTURE DETAIL
(PLAN VIEW)

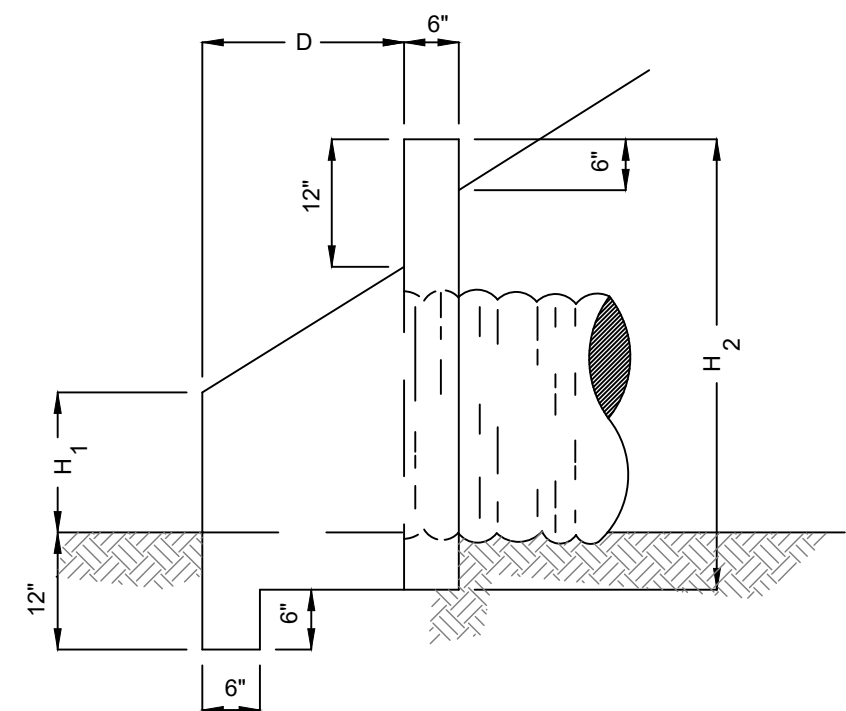


OUTLET CONTROL STRUCTURE DETAIL
(ISOMETRIC VIEW)

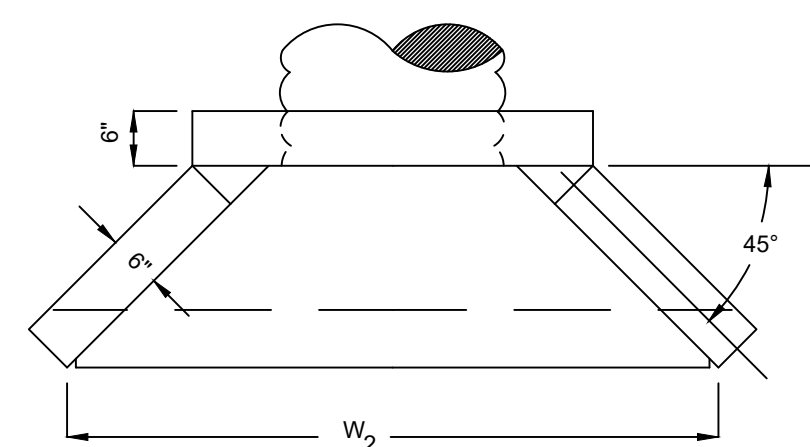
TABLE I HEADWALL DIMENSIONS FOR METAL PIPE *									
INSIDE DIA. OF PIPE	W ₁	W ₂	H ₁	H ₂	D	E	WT.	SQ.FT. IN BASE AREA	
18"	3'-2"	4'-10"	1'-3"	3'-2"	1'-3"	1'-9"	1,550	7.34	
21" 24"	3'-8"	6'-1"	1'-9"	3'-8"	1'-6"	2'-3"	2,100	9.90	
30"	4'-2"	7'-2"	2'-0"	4'-2"	1'-10"	2'-9"	2,850	13.50	
36"	4'-8"	8'-4"	2'-4"	4'-8"	2'-2"	3'-3"	3,700	17.65	
42" 48" 54"	5'-8"	10'-10"	3'-3"	5'-8"	2'-11"	4'-3"	5,600	28.60	

* USE NEXT LARGER SIZE FOR CONCRETE PIPE

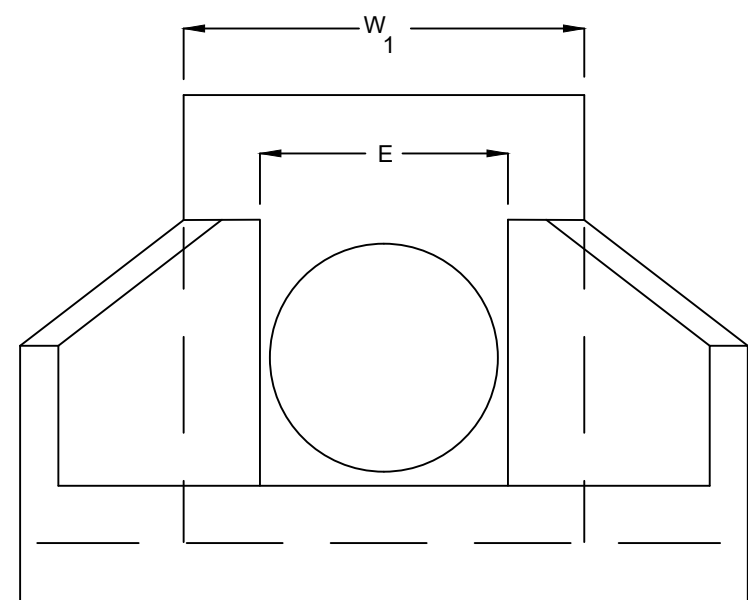
- NOTES:
1. USE NEXT LARGER SIZE FOR CONCRETE PIPE.
 2. ALL CONCRETE SHALL BE 4000 psi.
 3. REINFORCEMENT STEEL SHALL BE 1/2" DIA. OF INTERMEDIATE GRADE.
 4. CHAMFER ALL EXPOSED EDGES 3/4".



SIDE

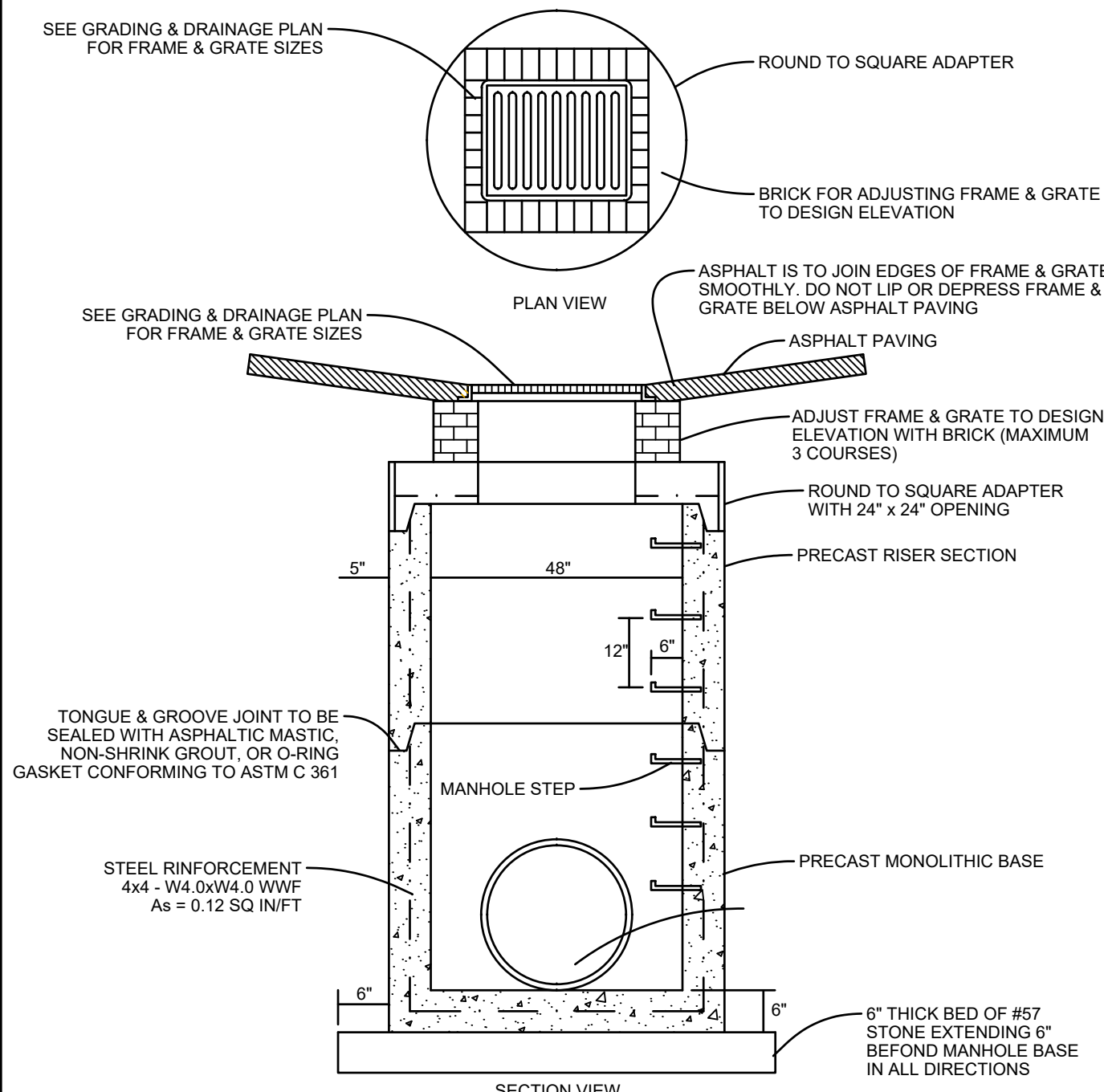


PLAN



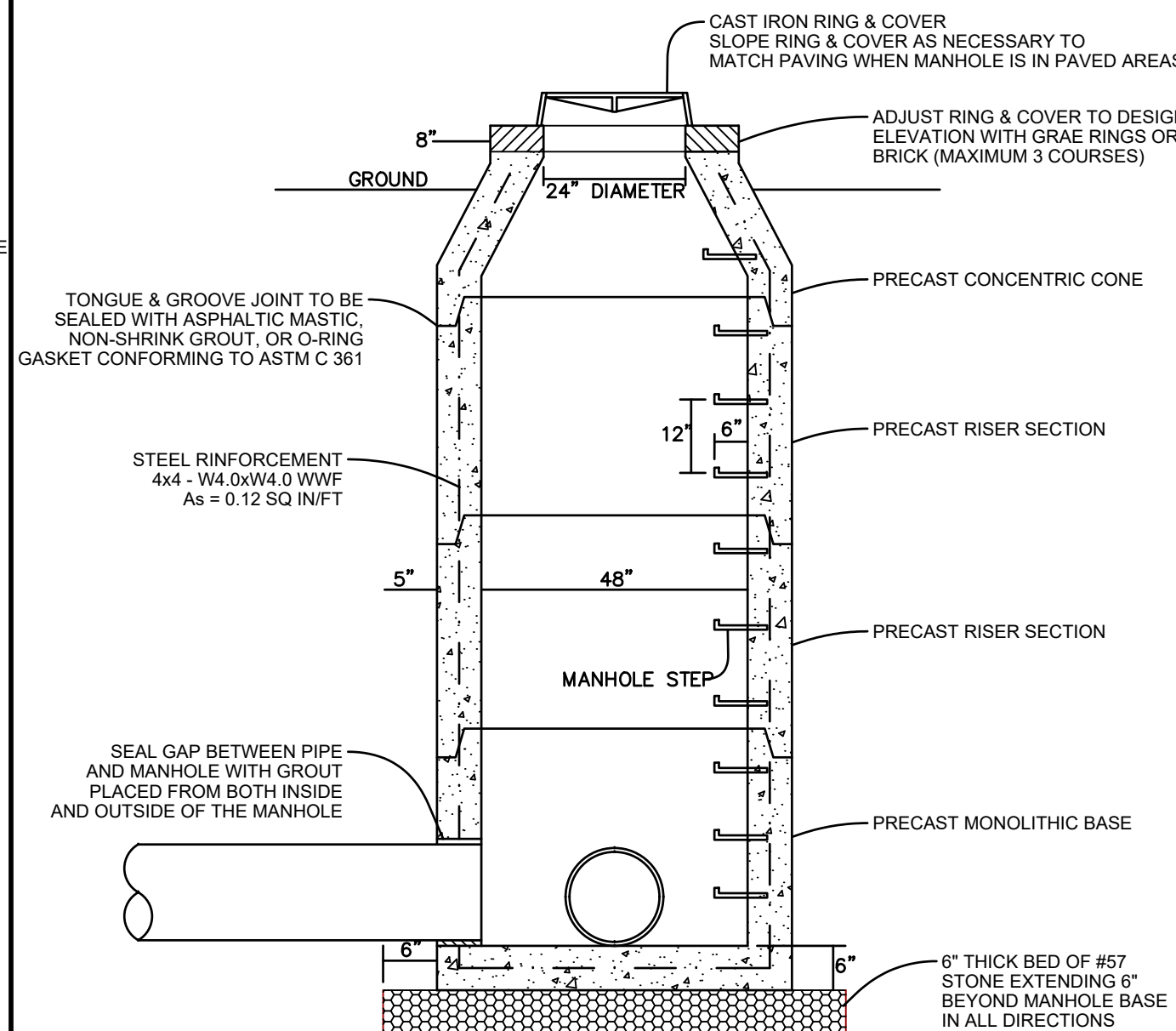
FRONT ELEVATION

HEADWALL DETAILS
N.T.S.



1. ALL PRECAST SECTIONS SHALL BE MANUFACTURED IN ACCORDANCE WITH ASTM C 478.
2. CONCRETE FOR PRECAST SECTIONS SHALL HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 4,000 PSI.
3. CLASS B CONCRETE SHALL HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 2,500 PSI.
4. ALL MANHOLE STEPS SHALL CONFORM TO ASTM F 783.
5. ALL HOLES FOR PIPES SHALL BE CAST IN PLACE AT THE FACTORY OR CORED ON-SITE WITH A BORING MACHINE.
6. ALL GROUT USED IN MANHOLE CONSTRUCTION SHALL BE NON-SHRINKING, TYPE M, MORTAR CONFORMING TO ASTM C 270.

DROP INLET DETAIL
PRECAST WITH FRAME & GRATE



1. ALL PRECAST SECTIONS SHALL BE MANUFACTURED IN ACCORDANCE WITH ASTM C 478.
2. CONCRETE FOR PRECAST SECTIONS SHALL HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 4,000 PSI.
3. CLASS B CONCRETE SHALL HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 2,500 PSI.
4. ALL MANHOLE STEPS SHALL CONFORM TO ASTM F 783.
5. ALL HOLES FOR PIPES SHALL BE CAST IN PLACE AT THE FACTORY OR CORED ON-SITE WITH A BORING MACHINE.
6. ALL GROUT USED IN MANHOLE CONSTRUCTION SHALL BE NON-SHRINKING, TYPE M, MORTAR CONFORMING TO ASTM C 270.

STORM DRAIN MANHOLE
PRECAST WITH CONCENTRIC CONE