

REVISIONS

NO	DATE	DESCRIPTION:

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NOTES:

1. ALL DROP INLETS OVER 3'-6" IN DEPTH TO BE PROVIDED WITH STEPS 1'-2" ON CENTERS.
2. ALL CONCRETE TO BE 3000 P.S.I. COMPRESSIVE STRENGTH.
3. MORTAR JOINTS SHOULD BE BETWEEN 8" AND 1" THICK.
4. BRICK MASONRY DROP INLET NOT TO BE USED IN LOCATIONS SUBJECT TO TRAFFIC. FOR STRUCTURES WITH TRAFFIC BARRING AREAS, USE PRE-CAST STRUCTURE INSTEAD.
5. LUNGO BRICK WILL BE PERMITTED. CONCRETE BRICK OR 4" SOLID CONCRETE BLOCKS MAY BE USED IN LIEU OF HARD COMMON CLAY BRICK.
6. FOR 8'-0" IN HEIGHT OR LESS USE 8" WALL OVER 8'-0" IN HEIGHT USE 12" WALL TO 8'-0" FROM TOP OF WALL AND 8" WALL FOR THE REMAINING 8'-0". QUANTITIES TO BE ADJUSTED ACCORDINGLY.
7. ALL PIPE IN STORM DRAIN STRUCTURE TO BE STRUCK EVEN WITH THE INSIDE WALL, GROUTED AND BRUSHED SMOOTH.
8. ALL SLABS SHALL BE FORMED.
9. FRAME AND GRATE FOR THIS STRUCTURE IN ALL SITUATIONS SHALL BE 1/2" TYPED #4130 & #6429 OR APPROVED EQUAL WITH 120 LADING CAPACITY. REFER TO WOOD STRUCTURE DETAILS FOR PIPE SIZES LARGER THAN 24".
10. BETTER TO WOOD STRUCTURE DETAILS FOR PIPE SIZES LARGER THAN 24".
11. USE CONCRETE MASONRY UNITS OR (2) 8" PRECAST CONCRETE RINGS TO SET GRATES. ALLOW FOR 1" TO BE ADJUSTED ACCORDINGLY.
12. PRE-CAST BOXES CAN BE SUBSTITUTED. SUBMIT SHOP DRAWINGS ON ALL STRUCTURES.

DIMENSIONS OF BOX & PIPE	CONC. PER FT. OF PIPE	TOTAL BRICK MASONRY		DEDUCTIONS FOR PIPE		
		BRICK	MORTAR	C.M.	R.C.	
SIZE A B H (MIN.)	C.U. YDS.	HEIGHT	COPING	H	C.M.	R.C.
12" 3'-0" 2'-0" 2'-8"	0.267	0.313	0.037	0.871	0.020	0.032
15" / / 3'-0" /	/	/	/	0.976	0.031	0.047
18" / / 3'-5" /	/	/	/	1.106	0.044	0.065
24" 3'-0" 2'-0" 4'-0"	0.267	0.313	0.037	1.289	0.078	0.113

1 Drop Inlet Detail
N.T.S.

2 Cleanout
N.T.S.

3 Downspout Connection
N.T.S.

NOTES:

1. CONTRACTOR TO INSTALL AND MAINTAIN ORANGE BARRIER THROUGHOUT CONSTRUCTION.
2. ALL EQUIPMENT OPERATING WITHIN THIS AREA SHALL BE PERMITTED TO CROSS THROUGH THIS AREA.
3. REMOVE BARRIERS UPON COMPLETION OF PROJECT.
4. REFER TO GENERAL STANDARDS FOR GENERAL SPECIFICATIONS AND TREE PROTECTION.
5. BARRIERS SHALL BE 6" MIN. WIDTH FOR 2" CAL. TREES OR SMALLER, ONE FOOT OF LINEAR DISTANCE FROM THE TREE TRUNK FOR EACH INCH OF TRUNK DIAMETER, OR 1/2 HEIGHT OF THE TREE WHICHEVER IS GREATER UNLESS OTHERWISE SHOWN ON PLAN.

4 Temporary Tree Protection Barricade
N.T.S.

NOTES:

- (1) ADAPTOR CAN BE MOUNTED ON ANY ANGLE 0° TO 35° TO DETERMINE MINIMUM ANGLE BETWEEN ADAPTOR. SEE PLAN.
- (2) MAXIMUM RECOMMENDED OVERALL HEIGHT 10".

5 Area Inlet
N.T.S.

6 Concrete Sidewalk Detail
N.T.S.

NOTES:

1. EXPOSED AGGREGATE CONCRETE PAVEMENT SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS.
2. COLOR(S) AND FINISH(ES) TO BE SELECTED BY OWNER.
3. CONTRACTOR TO CONSTRUCT MOCK-UP PANELS FOR OWNER REVIEW.
4. CONCRETE PAVEMENT SHALL BE SEALED WITH DAYTON SUPERIOR JB CURE AND SEAL.

7 Concrete Patio (Exposed Aggregate) Detail
N.T.S.

Order Plans