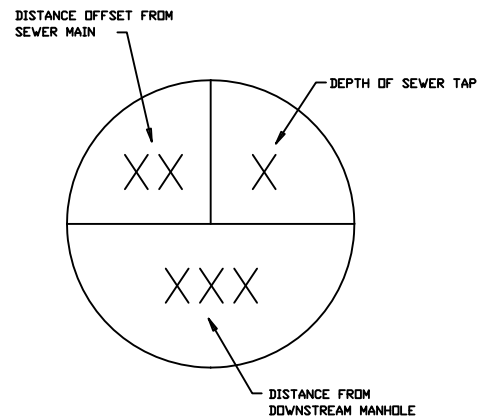
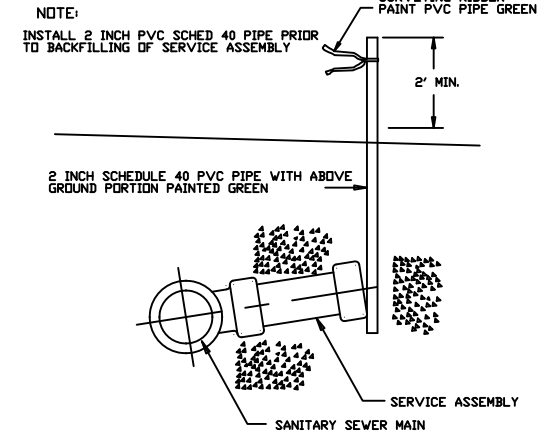


Concrete kicker to be allowed to set prior to backfilling

DROP MANHOLE DETAIL



SEWER SERVICE LOCATION SYMBOL

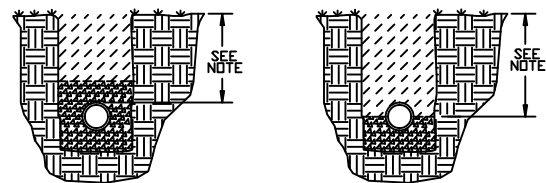


SEWER SERVICE ASS'Y. LOCATION

PIPE BEDDING - Backfill material shall not exceed 6 inches in diameter at its greatest dimension. Ductile iron pipe, or concrete encasement shall be used whenever cover is less than 4 feet in roadways or less than 2 1/2 feet in the open. Ductile iron pipe, concrete encasement, or relocation will be required when culverts or conduits are laid such that the top of the sewer is less than 18 inches below the bottom of culvert or conduit. Special care shall be used in placing bedding in the haunching region.

DUCTILE IRON PIPE - Each sewer pipe section will be laid on a 6 inch bed of size No. 7 or size No. 67 compacted crushed stone and shall be backfilled to the springline of the pipe using size No. 7 or size No. 67 compacted crushed stone.

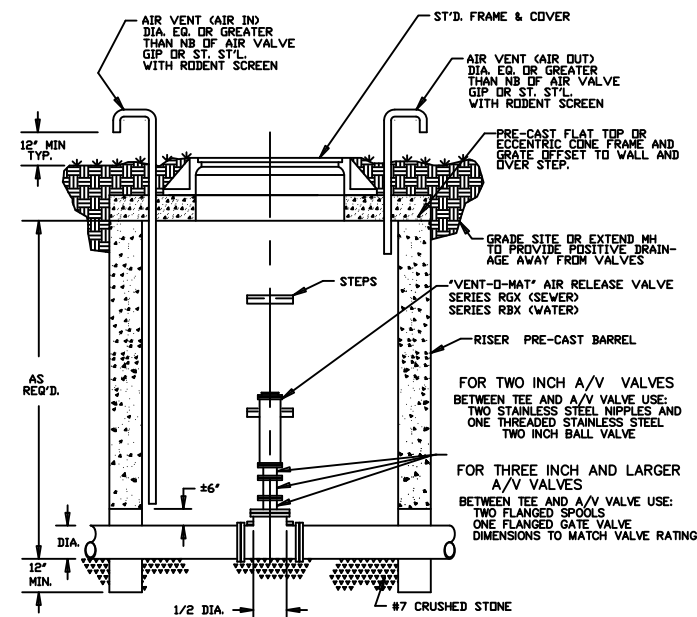
PVC PIPE - Each sewer pipe section shall be completely encapsulated with 6 inch of bedding material. Bedding material shall be size No. 7 or size No. 67 crushed stone.



PVC

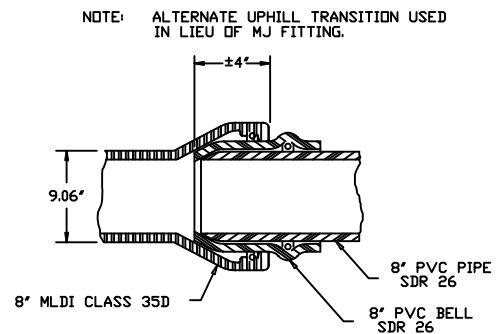
DUCTILE IRON

TRENCH DETAIL



SEWER FORCE MAIN COMBINED AIR/VACUUM RELEASE VALVE

- NOTES:
1. ALL MH PARTS TO MEET C.O.M. STANDARDS
 2. PERFORATED COVER MAY BE USED IN LIEU OF VENTS WITH C.O.M. APPROVAL.
 3. CONTRACTOR TO VERIFY ADEQUATE SIZE OF MANHOLE FOR VALVE USED.
 4. VERIFY PROPOSED TOP ACCESS MATERIALS AND OPENING SIZE WITH WATER QUALITY CONTROL DEPT. (WQC) PRIOR TO ORDERING MATERIALS. OPENING MUST MEET WQC REQUIREMENTS FOR ACCESS WHICH MAY VARY WITH SIZE OF AIR RELEASE VALVE, TRAFFIC CONDITIONS, DEPTH OF LINE, AND OTHER ON SITE CONDITIONS.
 5. GENERALLY A STD. FRAME AND GRATE, OR BILCO TYPE HATCH WITH A 24"x24" OR LARGER OPENING WILL BE REQUIRED. VERIFY TYPE OF ACCESS, OPENING SIZE, AND MATERIAL WITH WQC PRIOR TO ORDERING THE PRECAST FLAT TOP. UNAPPROVED ACCESS MAYBE REJECTED BY THE CITY OF MARYVILLE.



UPHILL TRANSITION



WATER QUALITY CONTROL
CITY OF MARYVILLE
MARYVILLE, TENNESSEE

DRAWN BY: GEF	TITLE: STANDARD DETAIL DWGS. SEWER	SCALE: NONE
APP'D BY: JG		SHEET 2 of 2
DATE: 1-30-97		
REV: 10/27/2005		
DESCRIPTION:	W.O.	

6/2/98 revision to text and general cleanup
11/6/98 revision to A/V valve details clarify wording add note to check manhole dimensions
4/16/99 Add detail drawing for transition MLDI to SDR 26 PVC 8" to conform to council approved revisions.
10/27/05 Change detail for witness pipe on service line markings - rebar to Sched. 40 PVC with point.
8/17/09 ADDED NOTES 4 & 5