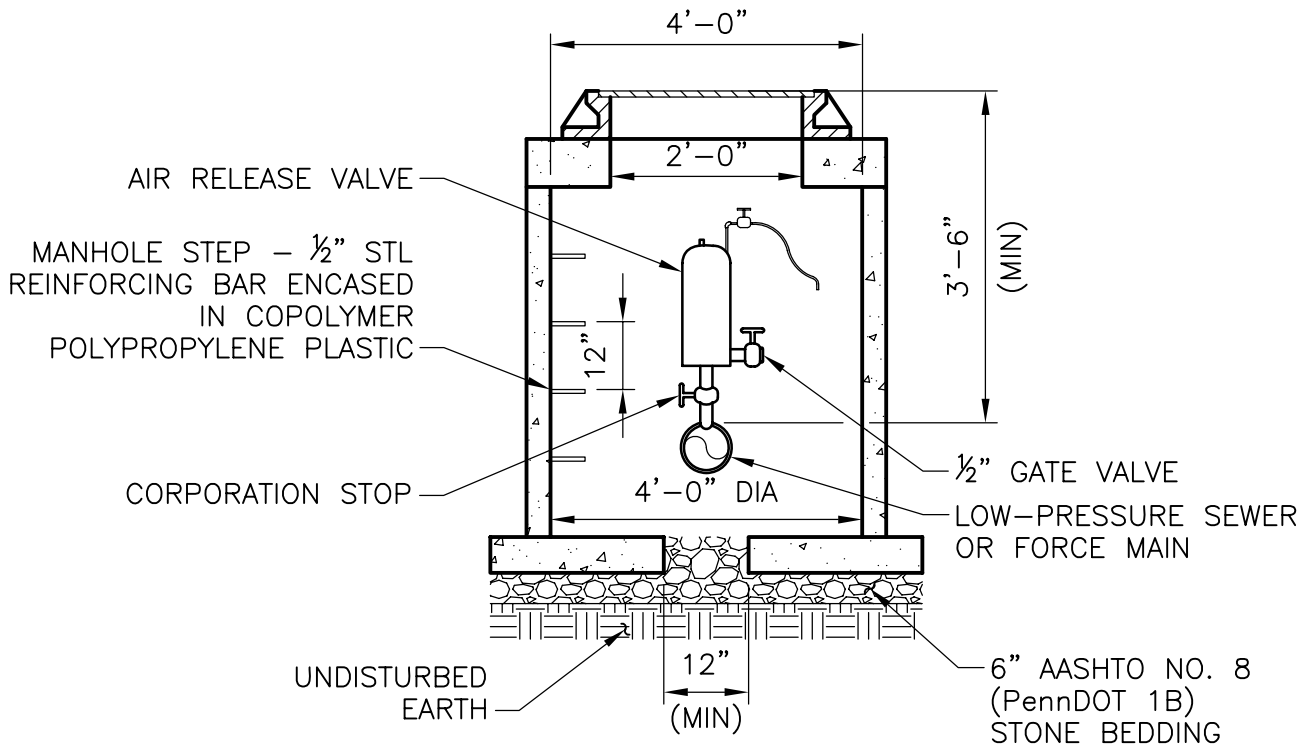


NOTES:

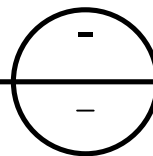
1. ALL PRECAST REINFORCED CONCRETE MANHOLE SECTIONS SHALL COMPLY WITH ASTM C-478.
2. CEMENT SHALL BE TYPE II OR III, AIR ENTRAINED, WITH $f'c=4,000$ psi AT 28 DAYS.
3. REINFORCEMENT SHALL BE GRADE 60 PER ASTM A-615.
4. 24" DIA. CAST IRON FRAME AND COVER PER ASTM A-48, CLASS 30, FOR H-20 LOADING.
5. CAST IRON FRAME TO BE BOLTED TO MANHOLE WITH 5/8" ANCHOR BOLTS.
6. CASTING AND GRADE RINGS TO BE SEALED TO MANHOLE WITH WATERPROOF MORTAR OR PREFORMED PLASTIC SEALING COMPOUND.
7. ALL JOINTS SHALL BE SEALED WITH PREFORMED PLASTIC SEALING COMPOUND.
8. PROVIDE ADDITIONAL WALL SUPPORTS FOR AIR RELEASE VALVE AS NECESSARY.
9. COAT MANHOLE EXTERIOR W/DAMP PROOFING (PROMASTIC 900 COAL TAR).
10. PRECAST CONCRETE GRADE ADJUSTMENT RINGS SHALL BE ONE PIECE (NO SEMI-CIRCULAR SECTIONS) AND SHALL HAVE A MINIMUM THICKNESS OF 2 INCHES.



AIR RELEASE VALVE AND CHAMBER

DETAIL

NO SCALE



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