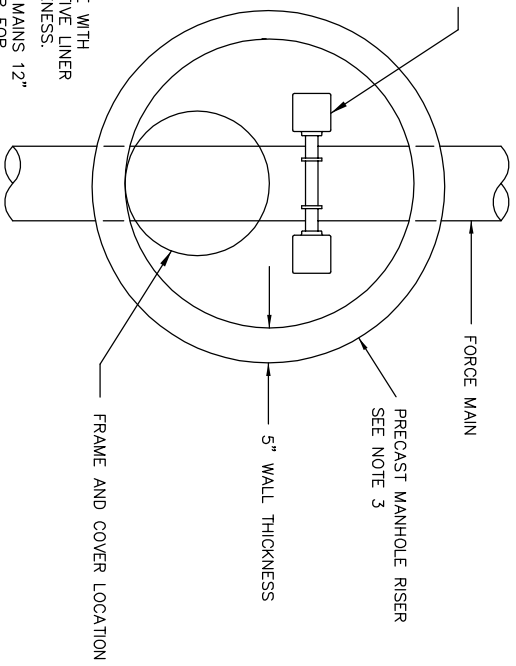


GA INDUSTRIES AIR VACUUM VALVE AND AIR RELEASE VALVE WITH FLUSHING ATTACHMENTS (TO BE DETERMINED BY ENGINEER)



NOTES:

1. COAT INTERIOR OF MANHOLE WITH RAVEN EPOXY 405 PROTECTIVE LINER AT 120 MILS MINIMUM THICKNESS.
2. USE 3/2" RISER FOR FORCE MAINS 12" OR SMALLER. USE 4/8" RISER FOR FORCE MAINS UP TO 42".
3. USE 4' DIAMETER RISER FOR FORCE MAINS UP TO 12". USE 5' DIAMETER RISER FOR FORCE MAINS UP TO 24". RISER DIAMETERS FOR LARGER FORCE MAINS WILL BE CASE-BY-CASE.
4. ALL TAPPING MATERIALS FOR TAPS ON PVC FORCE MAINS SHALL BE 316 SS.
5. HIGH GROUND WATER CONDITIONS MAY NEED SOLID BASE.

AIR RELEASE VALVE DETAIL

NOT-TO-SCALE

NORTH CHARLESTON SEWER DISTRICT	
7255 STALL ROAD, NORTH CHARLESTON, SC 29406	
PH: (843) 764-3072	FAX: (843) 764-2655
NCS.D. STANDARD DETAILS	
AIR RELEASE VALVE MANHOLE	
REV. DATE: 3-2-2011	DWG#: FM-001