


AIR-RELEASE VALVE DETAIL IN 4' PRECAST MANHOLE
NO SCALE

1. MANHOLE SHALL BE RATED FOR NCDOT SH-20 LOADING AND CONFORM TO ASTM C-478, LATEST REVISION.
2. ALL CONCRETE SHALL BE MINIMUM 4000 PSI COMPRESSIVE STRENGTH.
3. STEEL REINFORCING DESIGN SHALL CONFORM TO ASTM C857
4. REBARS SHALL BE GRADE 60 PER ASTM 185
5. DIAGONAL REINFORCING SHALL BE ADDED TO ALL OPENINGS.
6. VALVE TO LOCATED AT THE CENTER LINE OF MANHOLE.
7. FRAME TO BE FLUSH WITH THE GROUND IN MAINTAINED ROAD OR YARD R/W.
8. ALL JOINTS SHALL BE MADE WATERTIGHT USING 2 RINGS OF BUTYL RUBBER JOINT MASTIC
9. MAXIMUM HEIGHT OF GRADE ADJUSTMENT RINGS SHALL NOT EXCEED 12"
10. MANHOLE STEPS 15" O.C.

			CITY OF CONCORD STANDARD DETAIL TYPICAL AIR-RELEASE			
No.	Date	By	REVISION			
Drawn By:	Checked By:	Approved By:	Date	Sht	of	
SVM	MSH	MSH	03/18	1	1	