36" DIAMETER PRECAST CONCRETE VAULT WITH 4" THICK WALLS AND NO FLOOR. PROVIDE STANDARD FRAME AND COVER, AS PER DETAILS WW-07 & WW-08 (6" ABOVE TOP OF CURB, WHERE APPLICABLE)

BED PRECAST CONCRETE VAULT ON 3/4" WASHED ROCK GRAVEL OR OTHER CRUSHED STONE ACCEPTABLE TO THE CITY OF ROUND ROCK

4" D.I.P. (SEE NOTE #1)

FILL AROUND PIPE WITH NON-SHRINK, HIGH STRENGTH GROUT

2'-0" UNLESS NOTED OTHERWISE (SEE PLAN AND PROFILE DRAWINGS)

NOTES:
1. AIR VENT PIPE TO BE 4" D.I.P., CLASS 53 WITH FLANGED CONNECTIONS.
2. ALL FITTINGS TO BE 150 PSIG RATED & ANSI/AWWA C110/A21.10.
3. AIR VENT PIPE RISER SHALL BE INSTALLED TO A MINIMUM DEPTH FROM GROUND SURFACE AS POSSIBLE, PREFERABLY LOCATED IN THE CONCENTRIC CONCRETE CONE.
4. MINIMUM ELEVATION AT THE VENT OPENING SHALL BE 1 FOOT (1'-0") ABOVE THE ULTIMATE 100 YEAR FLOOD PLAIN ELEVATION. IF ELEVATION OF VENT OPENING IS LESS THAN 1 FOOT (1'-0") ABOVE THE ULTIMATE 100 YEAR FLOOD PLAIN ELEVATION, A FLOMATIC MODEL 408, PART #2145 BALL CHECK VALVE, OR APPROVED EQUAL, WITH FLOATING TYPE BALL, SHALL BE INSTALLED AT DOWN TURNED OPENING OF VENT. A 16 MESH 304 STAINLESS STEEL INSECT SCREEN SHALL BE PLACED IN THE OPENING.

CITY OF ROUND ROCK
MANHOLE VENT FOR BELOW GROUND INSTALLATION DETAIL (DEVELOPED AREAS)