RECLAIMED WATER MANHOLE
RING AND COVER
(SEE DETAIL RW-09)

36" DIAMETER REINFORCED CONCRETE PIPE
WITH 4" THICK WALLS AND NO FLOOR

AIR RELEASE VALVE
BALL VALVE

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

SERVICE SADDLE

2" CORPORATION STOP
WATER MAIN

2" TUBING SHALL BE ANNEALED
SEAMLESS TYPE 'K' COPPER TUBING
OR POLY PIPE MEETING THE
CURRENT A.S.T.M. B88 STANDARD
WITH NO SWEAT OR SOLDERED
JOINTS, WITH PURPLE POLYETHYLENE
WRAP

* THREAD TO COMPRESSION BRASS
ELBOW ALLOWED IF NECESSARY
DUE TO DEPTH LIMITATIONS

GALVANIZED IRON PIPE

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<th>AIR VALVE</th>
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NOTES:

1. AIR RELEASE VALVE, AIR VENT PIPE AND STEEL SUPPORT PIPE SHALL BE CLEANED, PREPPED, PRIMED AND PAINTED WITH PURPLE EPOXY PAINT.
2. THE AIR VENT PIPE SHALL BE 5' MINIMUM IN HEIGHT AND SHALL BE SUPPORTED BY A 4" STEEL PIPE, WHICH IS TO BE SET IN 2500 P.S.I. CONCRETE, FILLED WITH CONCRETE AND SUPPORTED WITH 3 STAINLESS STEEL CLAMPS.
3. CONCRETE VAULT PENETRATION SHALL BE CORE BIT DRILLED. VOID SHALL BE FILLED BY PRESS-SEAL GASKET CORP. PSX RESILIENT CONNECTOR MEETING A.S.T.M. C923, OR APPROVED EQUAL.
4. PIPE SUPPORT TO BE PROVIDED FOR THE AIR RELEASE VALVE.

CITY OF ROUND ROCK

REUSE WATER
1" THRU 2" AIR RELEASE VALVE
(UNDEVELOPED AREAS)

DRAWING NO: RW-08