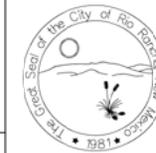


GUARD POST
DETAIL

KEYED NOTES: ○

- A. 2" FEMALE IRON PIPE THREAD SERVICE SADDLE (LEAD FREE) WITH DOUBLE 316 STAINLESS STEEL STRAPS AND 316 STAINLESS STEEL BOLTS, NUTS, AND HARDWARE.
- B. 2" BRASS CORPORATION STOP (LEAD FREE), MALE IRON PIPE THREAD INLET BY FEMALE IRON PIPE THREAD OUTLET.
- C. 2" BY CLOSE BRASS NIPPLE (LEAD FREE).
- D. 2" BRASS 45° BEND (LEAD FREE), FEMALE IRON PIPE THREAD BY FEMALE IRON PIPE THREAD.
- E. 2" BRASS ADAPTER (LEAD FREE), MALE IRON PIPE THREAD BY PACK JOINT (COPPER TUBING SIZE).
- F. 2" COPPER TUBING (TYPE "K").
- G. 2" BRONZE BALL VALVE (LEAD FREE) WITH HANDWHEEL.
- H. 2" STAINLESS STEEL COMBINATION AIR RELEASE/VACUUM VALVE.
- I. 13" BY 24" METER CAN WITH CAST IRON LID.
- J. 30" BY 30" BY 6" CONCRETE COLLAR AROUND METER CAN. CONCRETE SHALL BE $f'_c=3,000$ POUNDS PER SQUARE INCH AT 28 DAYS).
- K. 6" THICK CLEAN PEA GRAVEL BED.
- L. 4" STEEL POST (6' LONG) FILLED WITH CONCRETE ($f'_c=3,000$ POUNDS PER SQUARE INCH AT 28 DAYS) AND PAINTED WITH 2 COATS OF CHROME YELLOW.
- M. 2" BY 6" COPPER NIPPLE, MALE IRON PIPE THREAD BY MALE IRON PIPE THREAD.
- N. 2" BRASS 90° BEND, FEMALE IRON PIPE THREAD BY FEMALE IRON PIPE THREAD.
- O. 2" BY CLOSE BRASS NIPPLE, MALE IRON PIPE THREAD BY MALE IRON PIPE THREAD.
- P. CONCRETE BLOCK TO STABILIZE AIR VALVE, 2 REQUIRED.
- Q. WHERE WATER MAINS ARE 10" OR LESS IN DIAMETER, A 1" COMBINATION AIR RELEASE/VACUUM VALVE AND 1" TYPE "K" COPPER TUBING MAY BE USED.
- R. 6" DIMENSION RATIO-18 POLYVINYL CHLORIDE PIPE AND COVER WITH CONCRETE COLLAR PER DWG. W-05.



City of Rio Rancho
Department of Public Works

2" COMBINATION AIR RELEASE/
VACUUM VALVE

DATE MODIFIED:

OCTOBER 2017

DWG. NO. W-10

APRIL 22, 2016