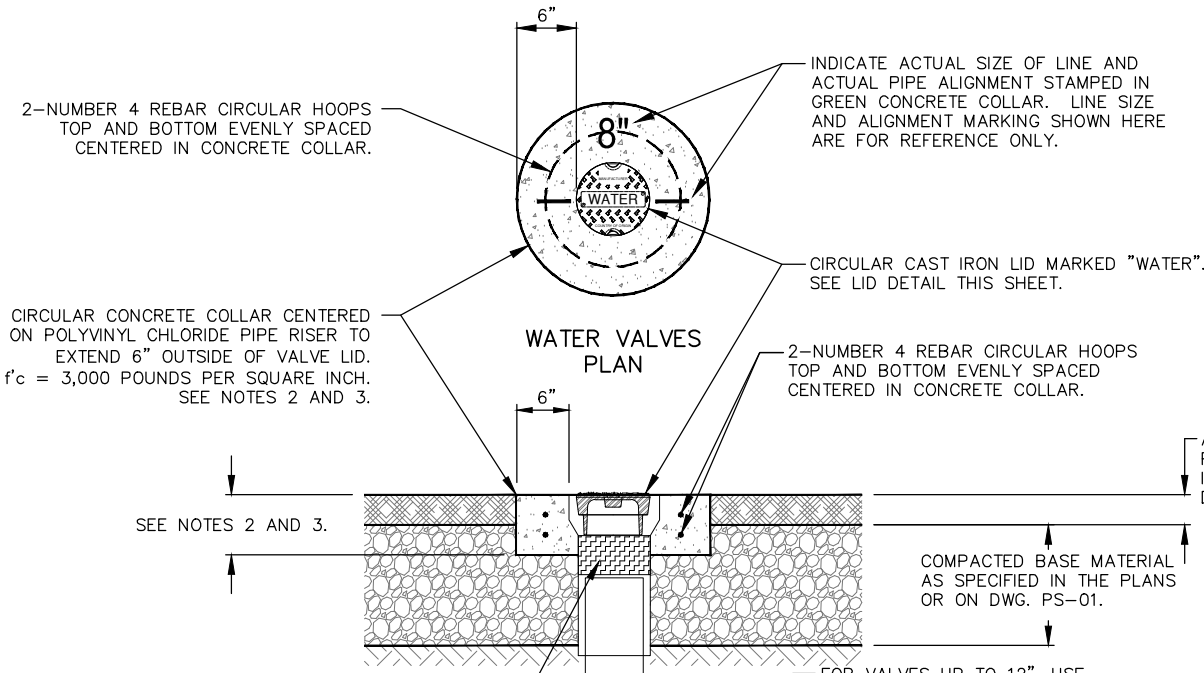
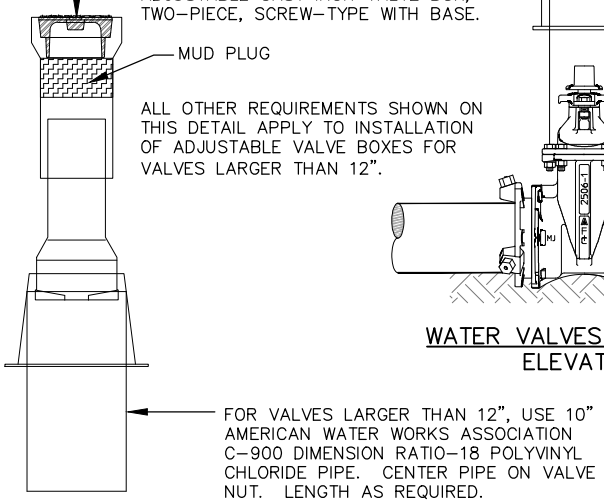
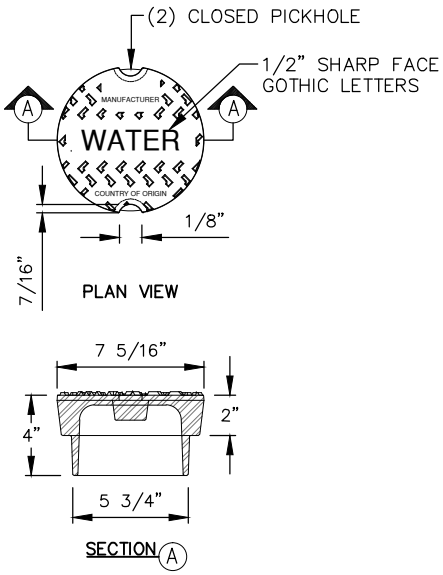


WATER VALVES PLAN

WATER VALVES UP TO 12"
ELEVATION



WATER VALVES LARGER THAN 12"
ELEVATION



LID DETAIL

GENERAL NOTES:

1. ALL MECHANICAL JOINT FITTINGS SHALL USE RESTRAINING GLANDS SUITABLE FOR PIPE MATERIAL USED IN MAIN LINE.
2. VALVES IN PAVEMENT SHALL HAVE A 6" THICK CIRCULAR CONCRETE COLLAR.
3. VALVES IN UNIMPROVED ROADS OR EASEMENTS SHALL HAVE A 12" THICK CIRCULAR CONCRETE COLLAR.
4. A MECHANICAL RESTRAINT SYSTEM SHALL BE UTILIZED ON FITTINGS AND PIPING FOR THRUST RESTRAINT. CONCRETE THRUST BLOCKING SHALL BE USED ONLY FOR SPECIAL CONDITIONS, SUCH AS, CAPS WHERE THE MAIN WILL BE EXTENDED IN THE FUTURE, OR AS SPECIFICALLY APPROVED BY CITY OF RIO RANCHO. THE DESIGN ENGINEER SHALL BE RESPONSIBLE FOR SIZING ALL CONCRETE THRUST BLOCKING.
5. LIDS SHALL CONFORM TO AMERICAN SOCIETY FOR TESTING AND MATERIALS STANDARD A48, AND BE GRAY IRON CL35B, HEAVY DUTY DESIGN LOAD RATING, WITH ASPHALT DIPPED COATING.
6. VALVES TO BE OPERATED BY CITY UTILITY OPERATIONS STAFF ONLY.
7. VALVE BOXES SHALL BE ADJUSTED TO THE FINISHED GRADE BEFORE PLACING OF ASPHALT CONCRETE SURFACE COURSE.

DATE MODIFIED: APRIL 2016

The Great Seal of the City of Rio Rancho New Mexico 1981

City of Rio Rancho
Department of Public Works

POTABLE WATER VALVE BOX ASSEMBLY

DWG. NO. W-05 APRIL 22, 2016