



- GENERAL CONSTRUCTION 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.

	City of Rio Rancho Department of Public Works
	POTABLE WATER VALVE BOX ASSEMBLY DWG. NO. W-05 APRIL 22, 2016

DATE MODIFIED: OCTOBER 2017