INDICATE ACTUAL SIZE OF LINE AND ACTUAL PIPE ALIGNMENT STAMPED IN GREEN CONCRETE COLLAR. LINE SIZE AND ALIGNMENT MARKING SHOWN HERE ARE FOR REFERENCE ONLY.

CIRCULAR CAST IRON LID MARKED "WATER". SEE LID DETAIL THIS SHEET.

2-NUMBER 4 REBAR CIRCULAR HOCUS TOP AND BOTTOM EVENLY SPACED CENTERED IN CONCRETE COLLAR.

CIRCULAR CONCRETE COLLAR CENTERED ON POLYVINYL CHLORIDE PIPE 6" SE TO EXTEND 6" OUTSIDE OF VALVE LID. Yf = 3,000 POUNDS PER SQUARE INCH. SEE NOTES 2 AND 3.

FOR VALVES UP TO 12", USE ADJUSTABLE CAST IRON VALVE BOX, TWO-PIECE, SCREW-TYPE WITHOUT BASE.

FOR VALVES UP TO 12", USE 6" AMERICAN WATER WORKS ASSOCIATION C-900 DIMENSION RATIC-18 POLYVINYL CHLORIDE PIPE. CENTER PIPE ON VALVE NUT. LENGTH AS REQUIRED.

VALVE SIZE, AND TYPE AS SHOWN ON THE PLANS WITH STANDARD 3" SQUARE OPERATING NUT. ALL VALVES SHALL BE MECHANICALLY RESTRAINED.

MUD PLUG FOR VALVES LARGER THAN 12", USE 10' AMERICAN WATER WORKS ASSOCIATION C-900 DIMENSION RATIC-18 POLYVINYL CHLORIDE PIPE. CENTER PIPE ON VALVE NUT LENGTH AS REQUIRED.

FOR VALVES LARGER THAN 12", USE 10' AMERICAN WATER WORKS ASSOCIATION C-900 DIMENSION RATIC-18 POLYVINYL CHLORIDE PIPE. CENTER PIPE ON VALVE NUT LENGTH AS REQUIRED.

WATER VALVES UP TO 12" ELEVATION

WATER VALVES LARGER THAN 12" ELEVATION

2-NUMBER 4 REBAR CIRCULAR HOCUS TOP AND BOTTOM EVENLY SPACED CENTERED IN CONCRETE COLLAR.

ASPHALTIC CONCRETE PAVEMENT AS SPECIFIED IN THE PLANS OR ON DWG. PS-01.

COMPACTED BASE MATERIAL AS SPECIFIED IN THE PLANS OR ON DWG. PS-01.

GENERAL CONSTRUCTION NOTES:
1. ALL MECHANICAL JOINT FITTINGS SHALL USE RESTRAINING CLANES SUITABLE FOR PIPE MATERIAL USED IN MAIN LINE.
2. VALVES IN PAVEMENT SHALL HAVE A 6" THICK CIRCULAR CONCRETE COLLAR.
3. VALVES IN UNEVENED RD 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 A4AB, AND BE GRAY IRON CLASSB, 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.