


- NOTE:**
1. APPLICABLE TO DEAD END MAINS, 8" AND SMALLER, WHICH WILL BE EXTENDED IN THE FUTURE.
  2. ADD CARV AT DISCRETION OF DISTRICT ENGINEER.
  3. LOCATE BLOWOFF MIN 3' FROM EDGE OF PAVEMENT.
  4. BLOWOFF SHALL NOT BE INSTALLED UNDER ROAD BARRICADE SIGNS.

**KEYNOTES:**

- A. FINISHED GRADE. IF OUTSIDE THE PAVED AREA PROVIDE 4" THICK CONCRETE PAD OVER 4" COMPACTED 1"-0" CRUSHED ROCK. PAD SHALL EXTEND OF A MINIMUM OF 6" AROUND VALVE BOXES. REINFORCE CONCRETE WITH #4 REBAR MAX 12" O.C. CENTERED VERTICALLY IN SLAB. PROVIDE 3" CLEARANCE FROM EDGES AND PENETRATIONS. SEE DETAIL 402.
- B. 2" BRASS PLUG HAND-TIGHT. USE FOOD GRADE GREASE ON PLUG THREADS.
- C. 2" ADAPTER. COPPER SWEAT TO FIPT.
- D. VALVE BOX ASSEMBLY PER DETAIL 402 AND 403.
- E. 2" TYPE K RIGID COPPER TUBING OR THREADED BRASS PIPING.
- F. LINE SIZE GATE VALVE. WRAP VALVE WITH 3 LAYERS OF POLYTHEYLENE ENCASUREMENT. EXTEND POLYETHYLENE 6" MINIMUM BEYOND VALVE AND SECURE TO PIPE WITH 10 MIL PVC PIPE TAPE. SEE DETAIL 301.
- G. 2" 90° BEND COPPER SLIP OR THREADED BRASS.
- H. 8" X 8" CONCRETE PIER BLOCK ON NATIVE SOIL.
- I. 2" ADAPTER. COPPER SWEAT OR THREADED BRASS TO MIPT.
- J. MJ PLUG WITH OFFSET 2" TAP AT BOTTOM. TAP MAY BE CENTERED ON MJ PLUG FOR 4" MAINS.

 <b>TUALATIN VALLEY</b> WATER DISTRICT	DESIGNED: MBA	<b>PHASE BREAK END FOR          FUTURE EXTENSION          (4"-8" MAINLINE)</b>	DATE: 9/2020
	APPROVED: NWA		DETAIL
	SCALE: NONE		<b>307</b>