



ITEM MATERIALS:

- ① 4" x 90° BEND, FLG., D.I.P.
- ② 4" GATE VALVE, FLG. x M.J.
- ③ 4" DUCTILE IRON PIPE (D.I.P.), P.E. x P.E.
- ④ 4" MEGALUG RESTRAINT
- ⑤ 4" x 90° BEND, FLG. x M.J., D.I.P.
- ⑥ 4" SLIP ON WELDING FLANGE
- ⑦ 4" STEEL PIPE, T.O.E.
- ⑧ 4" x 2-1/2" FIRE HYDRANT HEAD
- ⑨ ADJUSTABLE VALVE CAN, EXTENSION AND LID, PER EVWD STD. DWG. W-119
- ⑩ WATER MAIN CONNECTION, PER EVWD STD. DWG. W-104.
- ⑪ CONCRETE THRUST BLOCK, PER EVWD STD. DWG. W-108. (OPTIONAL IF USING PIPE RESTRAINING JOINTS)

NOTES:

- 1. T.O.E. - THREAD ONE END
- 2. TO BE USED AT DEAD-ENDS AND LOW POINTS. LOCATIONS SHOULD BE IDENTIFIED AS A FLUSHING POINT ON THE DRAWINGS.
- 3. THIS STANDARD TO BE USED UNLESS SPECIFIED PIPE LOCATION IS DEEPER THAN 42". THEN EVWD STANDARD DRAWING W-103B OR W-103C WILL BE PREFERRED LAYOUT DEPENDING ON MAIN SIZE.
- 4. THE CONTRACTOR SHALL PAINT ALL EXPOSED MATERIAL OF THE BLOW-OFF WITH TWO (2) COATS OF "SAFETY ORANGE" PRIMER/ENAMEL PAINT.
- 5. STANDARD STEEL PIPE TO BE WRAPPED WITH 10 MIL PIPE TAPE (OR EQUAL). TAPE WRAP SHOULD STOP 12" BEFORE FINISH GRADE.
- 6. WHERE NO CURB EXISTS OR BLOW-OFF IS INSTALLED IN DIRT, CONTRACTOR SHALL LAY 18" X 18" X 3" CONCRETE PAD AROUND THE BLOW-OFF AND INSTALL TWO (2) PIPE BOLLARDS PER DISTRICT STANDARD DRAWING, W-111. THE LOCATION OF THE BLOW-OFF AND BOLLARDS SHALL BE DIRECTED BY THE DISTRICT.

4" BLOW-OFF ASSEMBLY FOR MAINS 6" - 10"



EAST VALLEY WATER DISTRICT, ENGINEERING DEPARTMENT

APPROVED BY:

Jeff Noelte
 JEFF NOELTE, P.E. 67924
 DIRECTOR OF ENGINEERING & OPERATIONS

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 REVISION

EVWD
 STD. DWG.
 W-103A

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