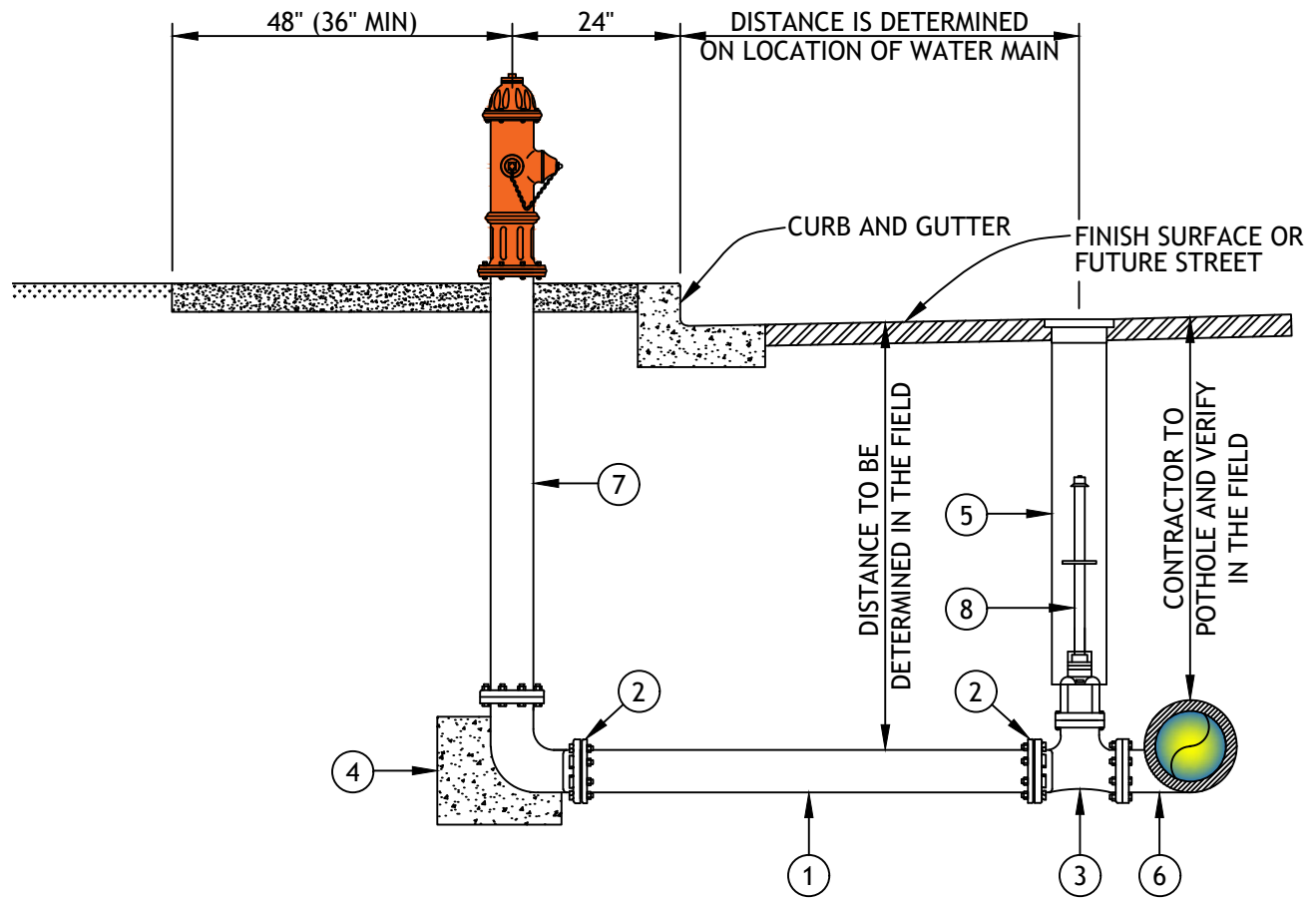


REV: 6/13/2022  
 J.WOLF  
 M: \ENGINEERING - SECURED\STANDARDS\DWG\2022 UPDATE\WATER\W-103B 6-INCH BLOW-OFF ASSEMBLY - 12 INCH - 16 INCH\_20220613.DWG



**ITEM MATERIALS:**

- ① 6" DUCTILE IRON PIPE (D.I.P.)
- ② 6" MEGALUG RESTRAINT
- ③ 6" GATE VALVE, FLG. x M.J.
- ④ THRUST BLOCK, PER EVWD STD. DWG. W-108 (OPTIONAL IF USING PIPE RESTRAINING JOINTS)
- ⑤ ADJUSTABLE VALVE CAN, EXTENSION AND LID, PER EVWD STD. DWG. W-119
- ⑥ WATER MAIN CONNECTION, PER EVWD STD. DWG. W-104
- ⑦ FIRE HYDRANT ASSEMBLY, PER EVWD STD. DWG. W-112
- ⑧ VALVE STEM EXTENSION, PER EVWD STD. DWG. W-118 (WHERE REQUIRED)

**NOTES:**

- 1. TO BE USED AT DEAD-ENDS AND LOW POINTS. LOCATIONS SHOULD BE IDENTIFIED AS A FLUSHING POINT ON THE DRAWINGS.
- 2. THIS STANDARD TO BE USED UNLESS SPECIFIED PIPE LOCATION IS DEEPER THAN 48". THEN EVWD STANDARD DRAWING W-103C WILL BE PREFERRED LAYOUT.
- 3. WHERE NO CURB EXISTS OR BLOW-OFF IS INSTALLED IN DIRT, CONTRACTOR SHALL LAY 24" X 24" X 4" CONCRETE PAD AROUND THE BLOW-OFF AND INSTALL TWO (2) PIPE BOLLARDS PER DISTRICT STANDARD DRAWING, W-18. THE LOCATION OF THE BLOW-OFF AND BOLLARDS SHALL BE DIRECTED BY THE DISTRICT.
- 4. THE EXTERIOR OF THE FIRE HYDRANT ASSEMBLY SHALL BE THOROUGHLY CLEANED OF ALL FOREIGN MATTER FROM ONE FOOT BELOW GROUND SURFACE TO THE UPPER MOST PART OF THE ASSEMBLY, THEN PAINTED TWO (2) COATS OF "SAFETY ORANGE" PRIMER/ENAMEL.

**6" BLOW-OFF FOR MAINS 12"-16" (WET BARREL FH)**



EAST VALLEY WATER DISTRICT, ENGINEERING DEPARTMENT

APPROVED BY:

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 DIRECTOR OF ENGINEERING & OPERATIONS

JUNE 2022  
 REVISION

EVWD  
 STD. DWG.  
**W-103B**

SHEET 1 OF 1