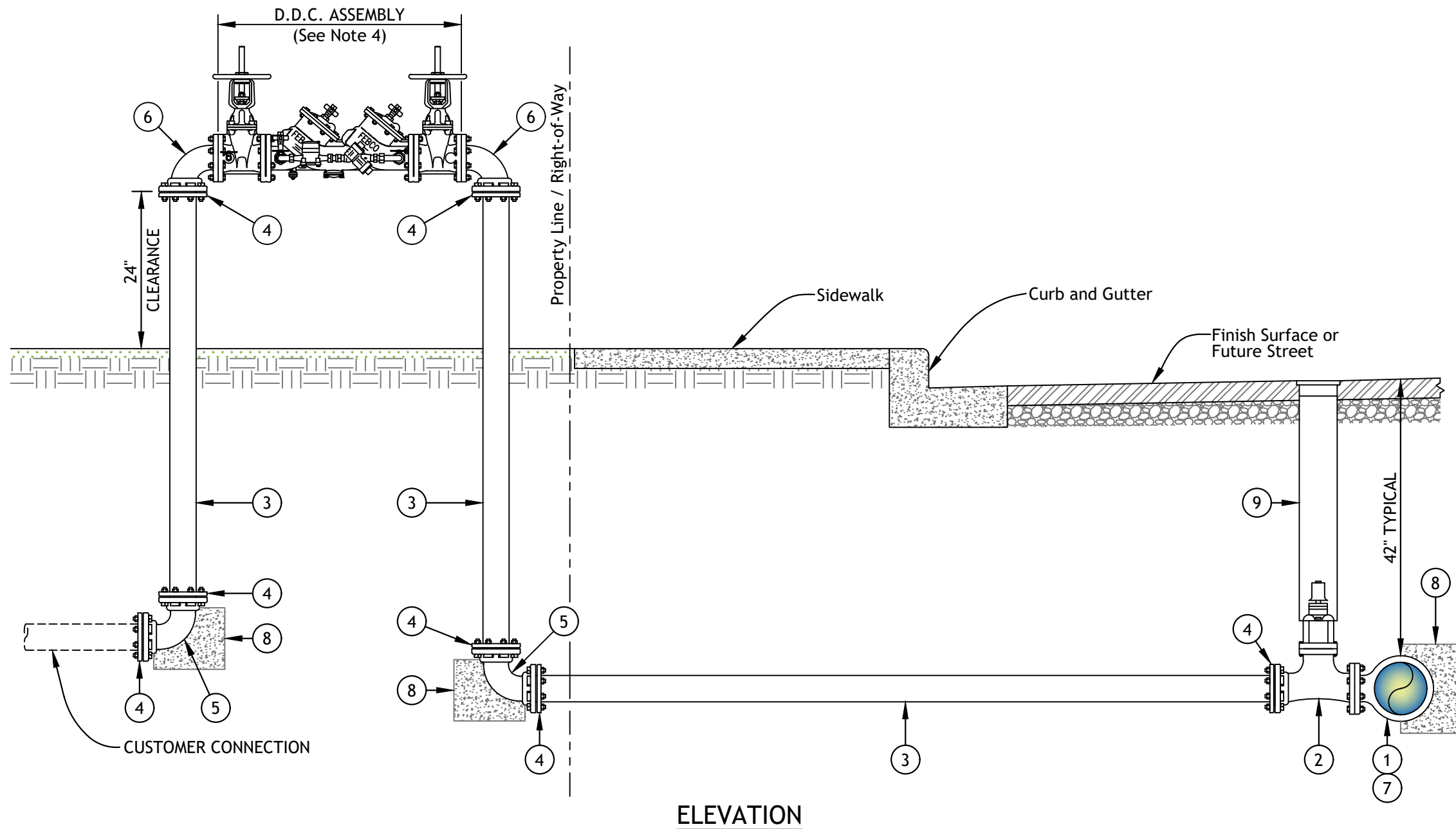
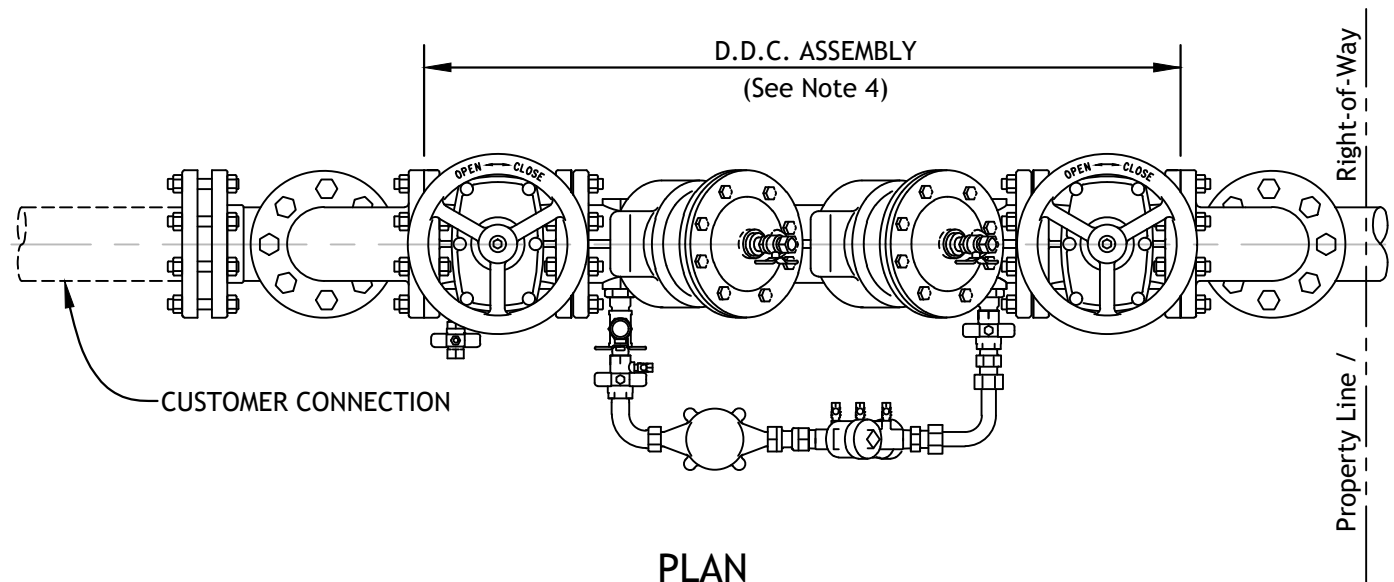


REV: 3/29/2022 J.WOLF
 M:\ENGINEERING - SECURED\STANDARDS\DWG\2022 UPDATE\WATER\W-109 D.D.C. ASSEMBLY (IN-LINE)_2022.DWG



ELEVATION



PLAN

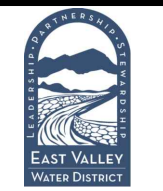
NOTES:

1. Double Detector Check (D.D.C.) needs to have five (5) feet clearance around the device to install and maintain the unit.
2. All D.D.C.'s will be placed behind the public right-of-way. If the D.D.C. cannot be placed behind sidewalk, ADA requirements will need to be met.
3. If the D.D.C. is being placed where there is no curb, gutter and sidewalk, the device should be placed where future development will not interfere with current location. Bollards will be placed around the device, see EVWD Std. Dwg. W-111.
4. Four inch (4") fire service is the minimum on all commercial and/or multi-family developments. Size of all parts needed for construction will be determined by the size of the Double Detector Check (D.D.C.) being installed.

ITEM MATERIALS:

- ① WATER MAIN
- ② GATE VALVE, FLG. x M.J.
- ③ DUCTILE IRON PIPE, PE x PE
- ④ MEGALUG RESTRAINTS
- ⑤ 90 DEG. BEND, M.J.
- ⑥ 90 DEG. BEND, FLG. x M.J.
- ⑦ MAIN CONNECTION, PER EVWD STD. DWG. W-104
- ⑧ THRUST BLOCK, PER EVWD STD. DWG. W-108 (OPTIONAL IF USING PIPE RESTRAINING JOINTS)
- ⑨ ADJUSTABLE VALVE CAN, EXTENSION AND LID, PER EVWD STD. DWG. W-119

DOUBLE DETECTOR CHECK ASSEMBLY (In-Line)



EAST VALLEY WATER DISTRICT, ENGINEERING DEPARTMENT

APPROVED BY:

Jeff Noelte
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 DIRECTOR OF ENGINEERING & OPERATIONS

APRIL 2022
 REVISION

EVWD
 STD. DWG.
 W-109
 SHEET 1 OF 1