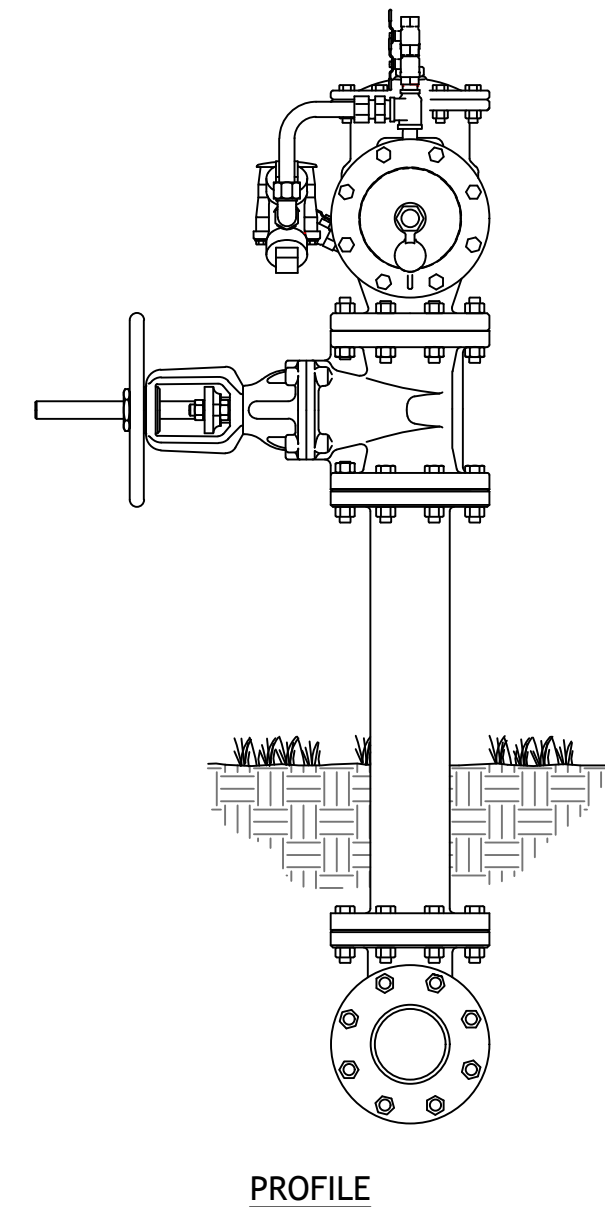
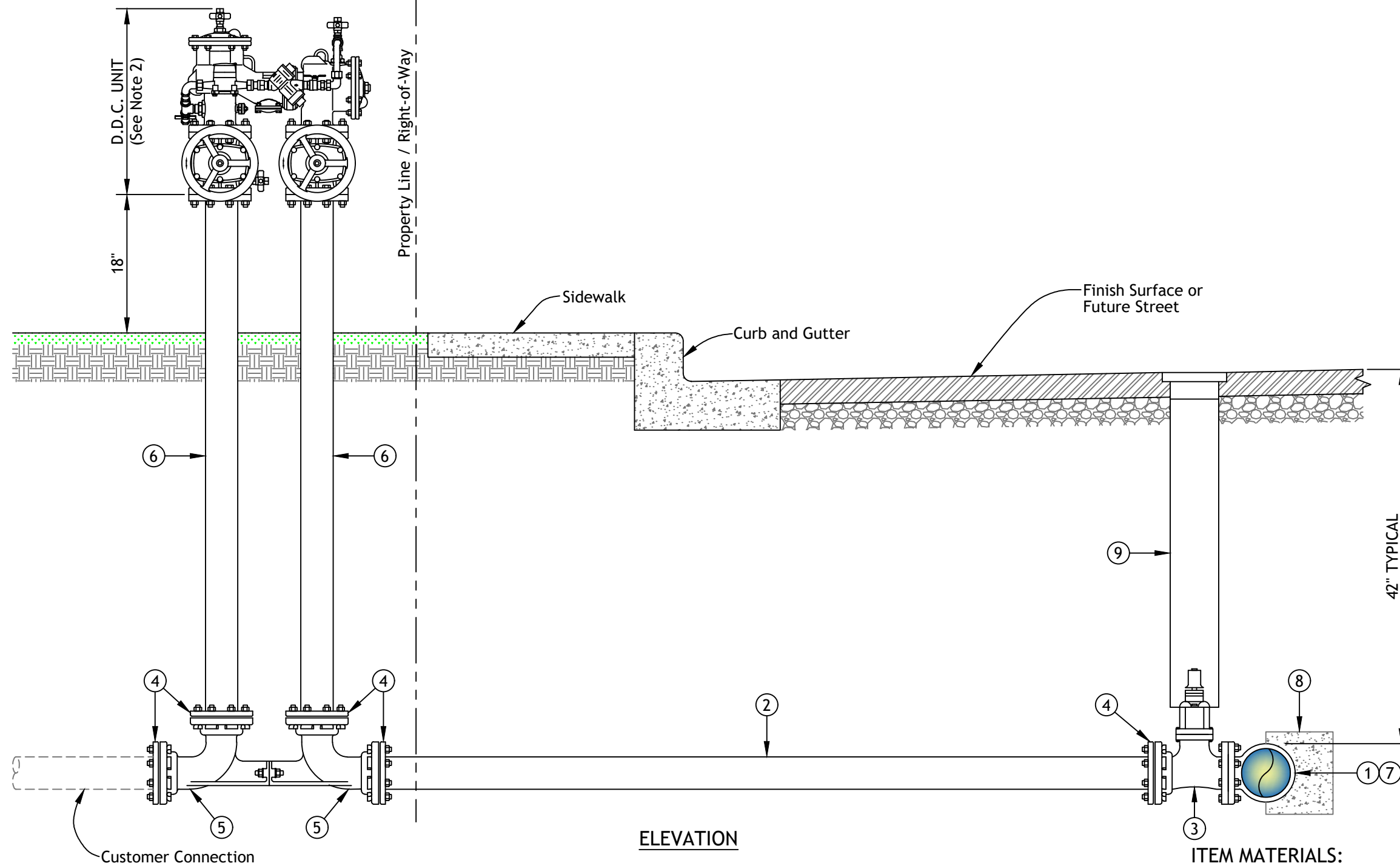


REV: 2/22/2017 J.WOLF  
 M-ENGINEERING - SECURED\STANDARDS\DWG\2022\_UPDATE\W-110\_LOW\_PROFILE\_D.D.C.ASSEMBLY (N-SHAPE).DWG




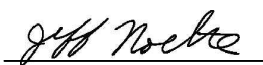
**NOTES:**

1. Double Detector Check (D.D.C.) needs to have a 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, and behind the sidewalk. If the D.D.C. cannot be placed behind the sidewalk, ADA requirements will need to be met.
3. The model shown in the drawing is a FEBCO 876V. This device is recommended for projects located in the City of Highland.
4. If 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 and bollards should be placed around the device. Refer to EVWD Std. Dwg. W-111.
5. Four inch (4") fire service is the minimum on all commercial and 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  | ⑥ D.I.P., FLG. x P.E.  |
| ② DUCTILE IRON PIPE                                       | ⑦ MAIN CONNECTION, PER EVWD STD. DWG. W-104  |
| ③ FLG. x M.J. GATE VALVE                                  | ⑧ THRUST BLOCK, PER EVWD STD. DWG. W-108 (OPTIONAL IF USING PIPE RESTRAINING JOINTS) |
| ④ MEGALUG RESTRAINT                                       | ⑨ ADJUSTABLE VALVE CAN, EXTENSION AND LID, PER EVWD STD. DWG. W-119                  |
| ⑤ M.J. x 90° BEND VALVE SETTERS (FEBCO 611 SETTER SERIES) |  |

**LOW PROFILE D.D.C. ASSEMBLY (N-SHAPE)**

	EAST VALLEY WATER DISTRICT, ENGINEERING DEPARTMENT APPROVED BY:  JEFF NOELTE, P.E. 67924 DIRECTOR OF ENGINEERING & OPERATIONS	APRIL 2022 REVISION	<b>EVWD          STD. DWG.          W-110</b> SHEET 1 OF 1