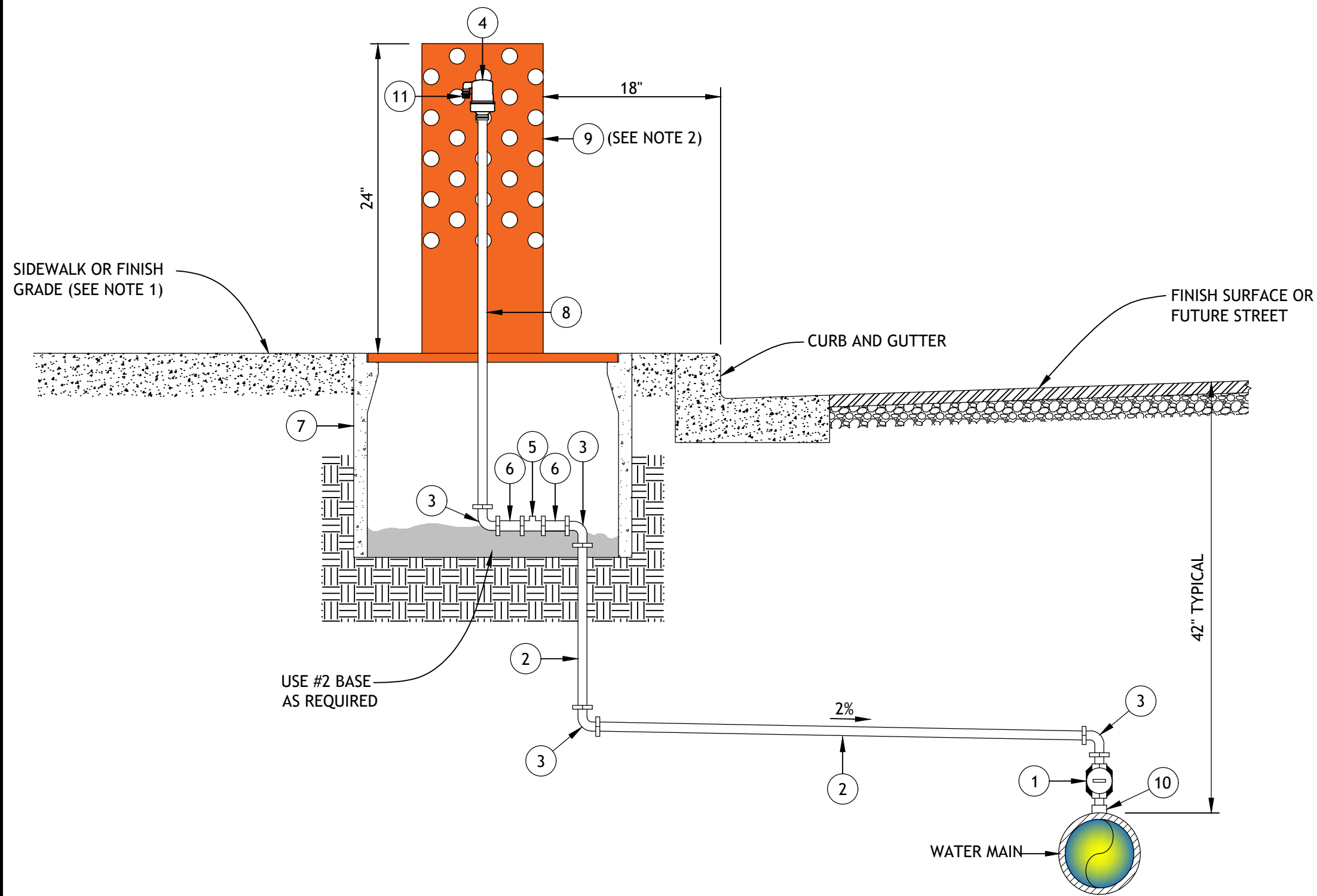


REV: 6/13/22 BY: JWOLF
 M: ENGINEERING - SECURED \STANDARDS\DWG\2022 UPDATE WATER W-105A 1- INCH. COMBINATION AIR AND VACUUM VALVE ASSEMBLY_20220613.DWG



ITEM MATERIALS:

- ① CORPORATION STOP, BRONZE
- ② THREADED RED BRASS PIPE (SCH. 40)
- ③ 90° BEND, THREADED, BRASS (SCH. 40)
- ④ AIR VACUUM RELIEF VALVE, D-040 NS, A.R.I.
- ⑤ BALL VALVE, BRASS
- ⑥ NIPPLE, BRASS (THREADED BOTH ENDS)
- ⑦ #5-1/2 METER BOX OR #65, TWO (2)
- ⑧ STEEL PIPE, GALVINIZED
- ⑨ LID AND VENT PIPE, STEEL
- ⑩ SERVICE CLAMP, PER EVWD STD. DWG. W-101A TO W-101D
- ⑪ BUG SCREEN

NOTES:

1. WHERE NO CURB EXISTS OR AIR-VAC IS INSTALLED IN DIRT, CONTRACTOR SHALL LAY AN 4' X 4' X 2" CONCRETE PAD AROUND THE AIR-VAC AND INSTALL TWO (2) PIPE BOLLARDS, PER EVWD STD. DWG. W-111. THE LOCATION OF THE AIR-VAC AND BOLLARDS SHALL BE DIRECTED BY THE DISTRICT.
2. THE EXTERIOR OF THE AIR-VAC AND LID SHALL BE THOROUGHLY CLEANED OF ALL FOREIGN MATTER. THEN PAINTED WITH TWO (2) COATS OF "SAFETY ORANGE" PRIMER/ENAMEL PAINT.
3. THIS DETAIL IS TO BE USED FOR MAINS THAT ARE LESS THAN 12" DIAMETER. THE CONNECTION TO THE PIPE WILL COME FROM THE TOP OR HIGHEST POINT.

1" COMBINATION AIR & VACUUM VALVE ASSEMBLY		
 EAST VALLEY WATER DISTRICT	EAST VALLEY WATER DISTRICT, ENGINEERING DEPARTMENT APPROVED BY: JEFF NOELTE, P.E. 67924 DIRECTOR OF ENGINEERING & OPERATIONS	EVWD STD. DWG. W-105A SHEET 1 OF 1
	JUNE 2022 REVISION	