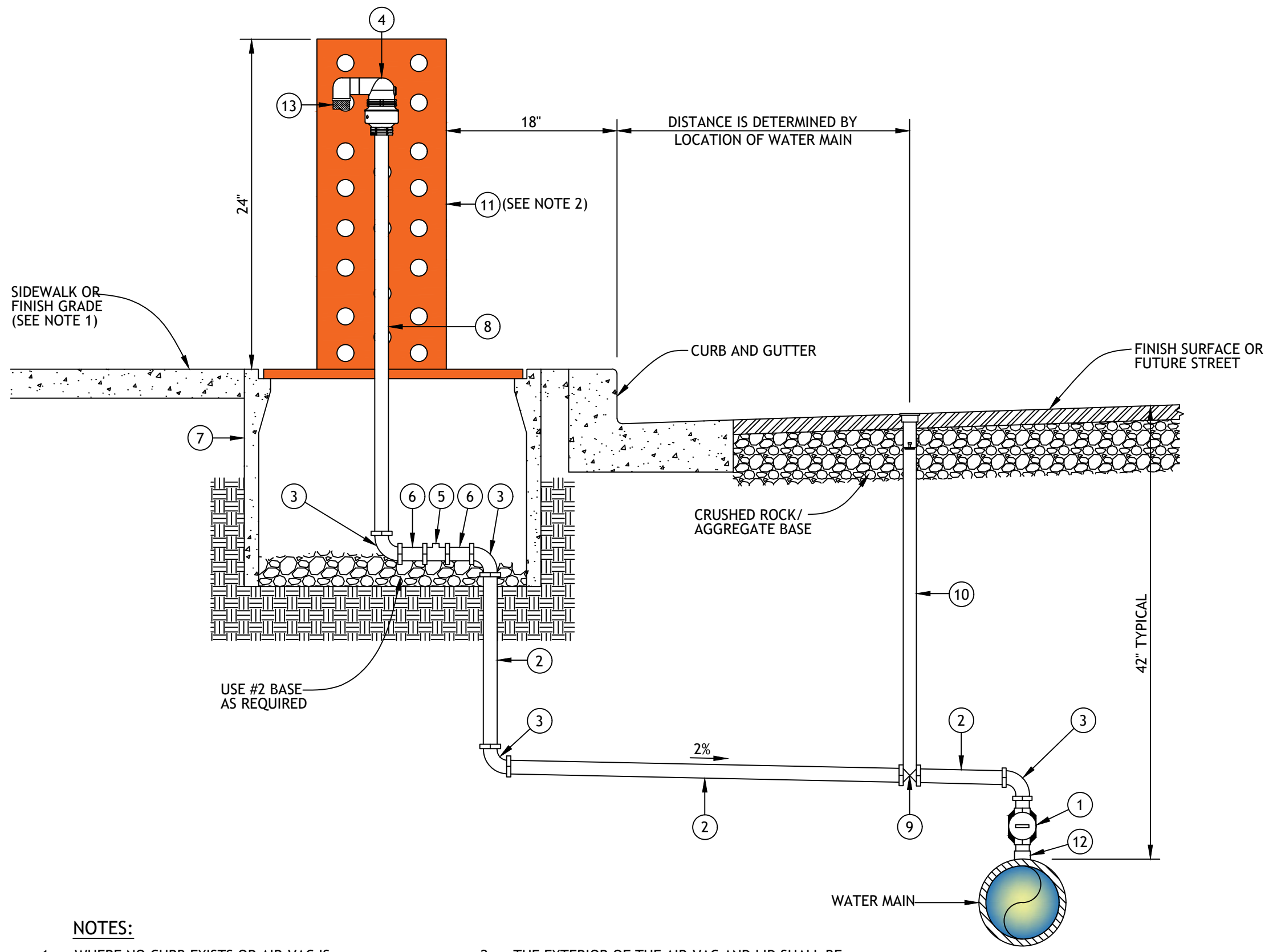


REV: 6/13/2022 J.WOLF
 M: ENGINEERING - SECURED\STANDARDS\DWG\2022 UPDATE\WATER\W-105B 2 IN COMB AIR AND VAC VALVE (ARI)_20220613.DWG



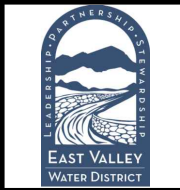
ITEM MATERIALS:

- ① CORPORATION STOP, BRONZE
- ② THREADED RED BRASS PIPE (SCH. 40)
- ③ 90° THREADED BEND, BRASS
- ④ AIR VACUUM RELIEF VALVE, D-040 NS, A.R.I.
- ⑤ BALL VALVE, BRASS
- ⑥ NIPPLE, BRASS (TBE.)
- ⑦ #5-1/2 METER BOX OR #65, TWO (2)
- ⑧ STEEL PIPE, GALVINIZED
- ⑨ GATE VALVE, THREADED
- ⑩ ADJUSTABLE VALVE CAN AND COVER, PER EVWD STD. DWG. 119
- ⑪ LID AND VENT PIPE, STEEL
- ⑫ SERVICE CLAMP, PER EVWD STD. DWG. W-101A TO W-101D
- ⑬ 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 TO BE USED FOR WATER MAINS OF A DIAMETER OF 18" OR LESS. THE CONNECTION TO THE PIPE WILL COME FROM THE TOP OR HIGHEST POINT.

2" COMBINATION AIR & VACUUM VALVE ASSEMBLY



EAST VALLEY WATER DISTRICT, ENGINEERING DEPARTMENT
 APPROVED BY:
Jeff Noelte
 JEFF NOELTE, P.E. 67924
 DIRECTOR OF ENGINEERING & OPERATIONS

JUNE 2022
 REVISION

EVWD
 STD. DWG.
W-105B
 SHEET 1 OF 1