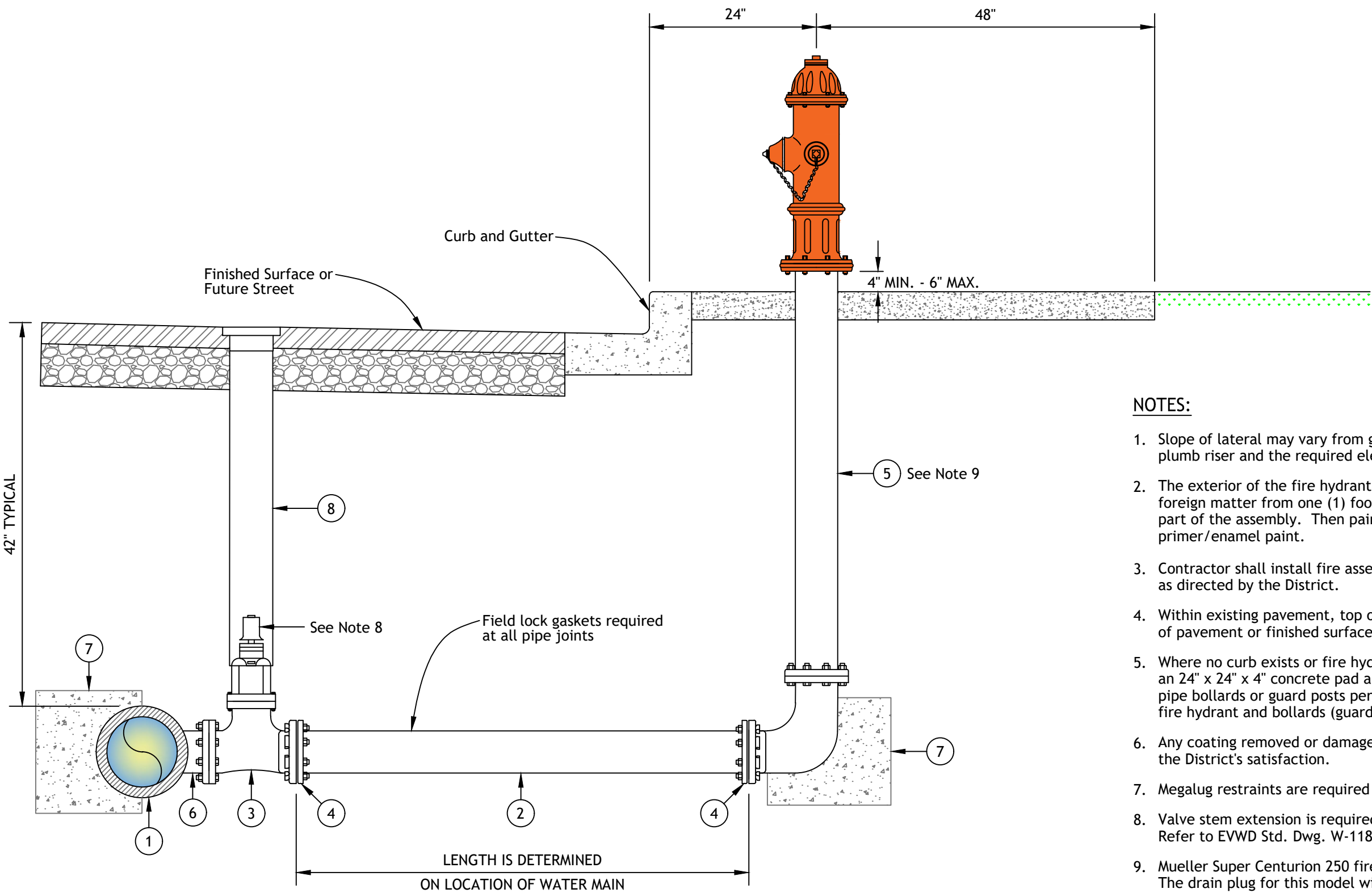


REV: 6/13/2022 J. WOLF
 W:\ENGINEERING - SECURED\STANDARDS\DWG\2022 UPDATE\WATER\W-112 FIRE HYDRANT ASSEMBLY 20220613.DWG




ITEM MATERIALS:

- ① WATER MAIN
- ② 6" DUCTILE IRON PIPE
- ③ 6" FLG. x M.J. GATE VALVE
- ④ 6" MEGALUG RESTRAINT
- ⑤ FIRE HYDRANT ASSEMBLY W/ M.J. BOOT (PRE-FABRICATED AS ONE PART)
- ⑥ MAIN CONNECTION, PER EVWD STD. DWG. W-104
- ⑦ THRUST BLOCK, PER EVWD STD. DWG. W-108 (OPTIONAL IF USING PIPE RESTRAINING JOINTS)
- ⑧ ADJUSTABLE VALVE CAN, EXTENSION AND LID, PER EVWD STD. DWG. W-119

NOTES:

1. Slope of lateral may vary from gate valve to fire hydrant riser to provide a plumb riser and the required elevations and distances.
2. The exterior of the fire hydrant assembly shall be thoroughly cleaned of all foreign matter from one (1) foot below ground surface to the upper most part of the assembly. Then painted with two (2) coats of "Safety Orange" primer/enamel paint.
3. Contractor shall install fire assembly at locations shown on the plans or as directed by the District.
4. Within existing pavement, top of valve can and cover to be even with top of pavement or finished surface.
5. Where no curb exists or fire hydrant installed in dirt, contractor shall lay an 24" x 24" x 4" concrete pad around the fire hydrant and install two (2) pipe bollards or guard posts per EVWD Std. Dwg. W-111. The location of the fire hydrant and bollards (guard posts) shall be directed by the District.
6. Any coating removed or damaged shall be repaired with like material to the District's satisfaction.
7. Megalug restraints are required on all mechanical joints (M.J.).
8. Valve stem extension is required if the depth to the valve nut exceeds 84". Refer to EVWD Std. Dwg. W-118.
9. Mueller Super Centurion 250 fire hydrants will be installed within the District. The drain plug for this model will be permanently sealed prior to installation.

FIRE HYDRANT INSTALLATION

	<p>EAST VALLEY WATER DISTRICT, ENGINEERING DEPARTMENT</p> <p>APPROVED BY:</p> <p style="text-align: center;"><i>Jeff Noelte</i></p> <p style="text-align: center;">JEFF NOELTE, P.E. 67924 DIRECTOR OF ENGINEERING & OPERATIONS</p>	<p>JUNE 2022 REVISION</p>
		<p>EVWD STD. DWG. W-112</p> <p>SHEET 1 OF 1</p>