



**NOTES:**

1. CLEARANCE SHALL BE 3".
2. A FIRM BASE CONSISTING OF BAGS OF CONCRETE MIX SHALL BE PLACED UNDER THE HYDRANT AND VALVES.
3. FIRE HYDRANT SHALL COMPLY WITH ANSI/AWWA C502, DRY BARREL "BREAK-AWAY" TYPE WITH 5 1/4" VALVE OPENING.
4. THE MINIMUM BURY DEPTH SHALL BE 36 INCHES.
5. HYDRANTS SHALL BE INSTALLED IN ACCORDANCE WITH ANSI/AWWA C600. ALL PARTS AND MATERIALS USED IN THE ASSEMBLY SHALL BE ON THE QUALIFIED PRODUCTS LIST (QPL). THE HYDRANTS SHALL BE PAINTED BY THE MANUFACTURER WITH 2 COATS (MIN.) PER QPL.
6. VERTICAL BENDS MAY BE NECESSARY TO OBTAIN COVER UNDER SWALES OR AT HYDRANT LOCATION. VERTICAL BENDS OR OFFSETS ARE INCLUDED IN HYDRANT ASSEMBLY. ALL BENDS MUST BE RESTRAINED.
7. CONNECTOR PIPE AND ANY REQUIRED VERTICAL BENDS SHALL HAVE AN ANCHORING FEATURE ON BOTH ENDS SO THAT WHEN USED WITH M.J. SPLIT GLANDS, A RESTRAINED JOINT IS PROVIDED.
8. WHEN INSTALLED WITH SIDEWALK OR CURB, PROVIDE MIN. 2 FOOT CLEARANCE TO ANY PORTION OF THE HYDRANT, UTILIZING THE SIDE LOT EASEMENT IF NECESSARY.
9. A GATE VALVE SHALL BE INSTALLED WITHIN 2 FEET OF THE FIRE HYDRANT. IF DISTANCE FROM THE WATER MAIN TO THE FIRE HYDRANT IS GREATER THAN 20 FEET, A SECOND GATE VALVE SHALL BE INSTALLED WITHIN 2 FEET OF THE MAIN.
10. ANY DEVIATIONS FROM THE CRITERIA ABOVE REQUIRE A WRITTEN RECOMMENDATION FROM THE ENGINEER-OF-RECORD AND WRITTEN APPROVAL BY SLWSD.



**MINIMUM CONSTRUCTION STANDARDS FOR  
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**FIRE HYDRANT ASSEMBLY**

**DETAIL: SLW-04**

**DATE: 03/2020**

**SCALE: N.T.S.**

**SHEET: 1 OF 1**