



**NOTES:**

1. ALL FIRE HYDRANTS SHALL CONFORM TO AWWA STANDARD SPECIFICATIONS FOR FIRE HYDRANTS, C-502. FIRE HYDRANTS SHALL HAVE A 5 1/4" MIN. VALVE OPENING AND AND INSIDE BARREL DIAMETER OF APPROXIMATELY 7". ALL HYDRANTS SHALL BE EQUIPPED WITH A BREAKAWAY FLANGE.
2. BURY DEPTH SHALL NOT EXCEED 7- FEET.
3. FIRE HYDRANT SHALL BE PLACED ON THE EXTENDED LOT LINE WHEN POSSIBLE.
4. FIRE HYDRANT SHALL BE LOCATED A MINIMUM OF 1 FOOT OUTSIDE OF THE AREA BETWEEN THE P.C.'S OF THE CORNER TURNING RADUIS AT THE INTERSECTIONS.
5. ALL BELOW GROUND IRON ASSEMBLIES SHALL BE WRAPPED IN POLYETHYLENE ACCORDING TO AWWA C105.
6. BOLLARDS SHALL BE PLACED AROUND FIRE HYDRANT WHERE CURBS ARE NOT POSSIBLE.
7. FIRE HYDRANT SHALL BE AT LEAST 42- INCHES FROM ANY ABOVE GROUND OBSTRUCTIONS, SUCH AS GUARDRAILS, RETAINING WALLS, BOLLARDS, ETC.
8. SPLASH PAD TO BE MIN. 2' WIDE AND EXTEND FROM BACK OF CURB TO THE FIRE HYDRANT.
9. ALL FIRE HYDRANTS SHALL HAVE 5' CLEAR ZONE FREE FROM AND OBSTRUCTIONS OR UTILITY.
10. FIRE HYDRANT SHALL HAVE NO MORE THAN ONE (1) EXTENSION INSTALLED.
11. BOTH THE FIRE HYDRANT BODY AND THE BONNET SHALL BE SILVER IN COLOR. THE SILVER FINISH MUST BE A POWDER COATED PRODUCT INSTALLED BY THE MANUFACTURER. PAINTED FINISHES OF ANY COLOR ARE NOT ACCEPTABLE.



WATER SYSTEM CONSTRUCTION DETAILS  
FIRE HYDRANT  
INSTALLATION

DATE: OCT 2018

SHEET 1 OF 2

SHEET: W-3