



CITY OF ATASCADERO

Fire & Emergency Services

DRY LINE INSTALLATION STANDARD NOTES

A DRY LINE SHALL BE REQUIRED WHEN THE TOTAL DRIVING DISTANCE FROM THE NEAREST FIRE HYDRANT TO THE STRUCTURE IS MORE THAN 500 FEET.

MATERIAL NOTES

1. FIRE DEPT. CONNECTION (FDC).
 - a. 2 x 2 1/2 FEMALE SWIVEL WITH PROTECTIVE BREAKAWAY CAPS.
 - b. 1 x 4 1/2 MALE THREAD, SWIVEL WITH PROTECTIVE BREAKAWAY CAPS.
2. FLANGED ELBOWS.
3. DUCTILE IRON SPOOL, FLANGED.
4. MJ AND FLANGE ADAPTER
5. PLASTIC PIPE MINIMUM 4" (**AS PER NFPA 24**)
 - a. POLYVINYL CHLORIDE (PVC) **AWWA C900**
 - b. POLYETHYLENE (PE) **AWWA C906**
 - c. MOLECULARLY ORIENTED POLYVINYL CHLORIDE (PVCO) **AWWA C909**
 - d. **CLASS 200 (CL200) IS ALLOWED**

FDC NOTES

1. THE FDC SHALL HAVE NO SHUT OFF VALVES.
2. SIGN FOR THE FDC SHALL BE 6" x 8", 18 GAUGE METAL, 3/4" LETTERING WITH THE FOLLOWING INFORMATION:
 - a. BUILDING ADDRESS OR ADDRESSES
 - b. NUMBER OF DWELLINGS SERVED
3. FDC SHALL BE FACING THE PUBLIC STREET AND SHALL BE SET BACK A MAXIMUM OF 2 FEET FROM THE FACE OF THE CURB OR THE REAR OF THE SIDEWALK.
4. FDC SHALL BE 24" – 30" ABOVE THE FINISHED GRADE.
5. A 5 FOOT CLEAR RADIUS WILL BE MAINTAINED AROUND THE FDC.
6. WHERE SUBJECT TO DAMAGE, CURBING AND BOLLARDS SHALL BE PROVIDED AND ARRANGED TO NOT INTERFERE WITH CONNECTIONS TO THE INLETS.
7. FDC SHALL BE OF BRASS CONSTRUCTION, DOUBLE CLAPPED AND PAINTED RED; CAPS AND COLLARS SHALL BE METAL.

INSPECTION AND TESTING

1. UNDERGROUND PIPE JOINTS, THRUST BLOCKS AND OTHER ANCHORS SHALL BE LEFT EXPOSED FOR INSPECTION.
2. TEST SHALL BE MADE BY THE CONTRACTOR IN THE PRESENCE OF THE AUTHORITY HAVING JURISDICTION.
3. UNDERGROUND FLUSH AND VELOCITY TEST NOT LESS THAN 10 FT/S FOR SUFFICIENT TIME TO ENSURE THOROUGH CLEANING.
4. THE FLUSHING OPERATION SHALL BE CONTINUED UNTIL WATER FLOW IS VERIFIED TO BE CLEAR OF DEBRIS.
5. ALL PIPING AND ATTACHED APPURTENANCES SUBJECTED TO SYSTEM WORKING PRESSURE SHALL BE HYDROSTATICALLY TESTED AT GAUGE PRESSURE OF 200 PSI FOR 2 HOURS.
6. THE TRENCH SHALL BE BACKFILLED BETWEEN JOINTS BEFORE TESTING TO PREVENT MOVEMENT OF PIPE.
7. WHERE REQUIRED FOR SAFETY MEASURES PRESENTED BY THE HAZARDS OF OPEN TRENCHES, THE PIPE AND JOINTS SHALL BE PERMITTED TO BE BACKFILLED, PROVIDED THE INSTALLING CONTRACTOR TAKES THE RESPONSIBILITY FOR LOCATING AND CORRECTING LEAKAGE.

SIGN SHALL BE 12"X18", 18 GAGE METAL, 2" WHITE LETTERS ON A RED BACKGROUND WITH A 1/2" WHITE BORDER

1234 Main Street

Riser # 1

Closest Hydrant

250' South on

Main Street