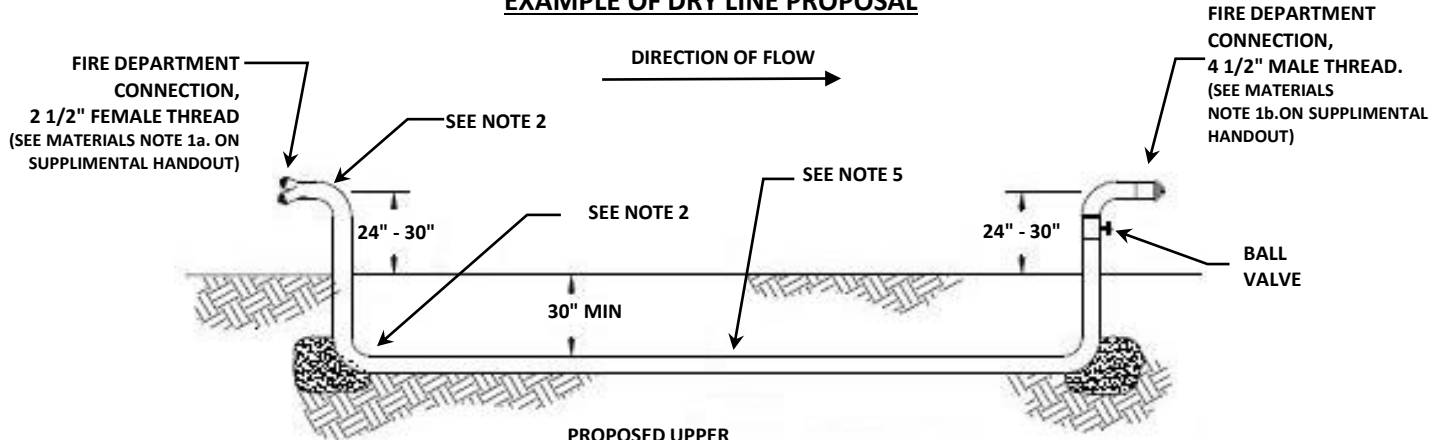


REVISIONS				APPROVALS
DESCRIPTION	BY	DATE	APPROVED	
ADD BOLLARDS NOTE	LDC	5/2/08	TP	
UPDATE & RECONFIGURE FORM	DV	08/25/2021	CB	

EXAMPLE OF DRY LINE PROPOSAL



INSTALLATION NOTES

1. LOCATION OF THE DRY LINE AND FDC'S MUST BE APPROVED BY FIRE MARSHAL.
2. THRUST BLOCK LOCATION AND DESCRIPTION CONFORMING TO NFPA 24.
3. ALL BOLTED JOINT ACCESSORIES SHALL BE CLEANED & THOROUGHLY COATED WITH ASPHALT OR OTHER CORROSION RETARDING MATERIAL AFTER INSTALLATION.
4. TRENCH BACKFILL MATERIALS AND COMPACTION REQUIREMENTS SHALL CONFORM WITH CITY STANDARD DRAWING 702.
5. THE TRENCH SHALL BE BACKFILLED BETWEEN JOINTS BEFORE TESTING TO PREVENT MOVEMENT OF THE PIPE.

FDC NOTES

1. SIGN FOR THE FDC SHALL BE 6" x 8", 18 GAUGE METAL, 3/4" LETTERS ON RED BACKGROUND WITH THE FOLLOWING INFORMATION:
 - a. BUILDING ADDRESS OR ADDRESSES.
 - b. NUMBER OF DWELLINGS SERVED.
2. FDC SHALL BE FACING THE PUBLIC STREET AND SHALL BE SET BACK A MAXIMUM 2 FEET FROM THE FACE OF THE CURB OR THE REAR OF THE SIDEWALK.
3. FDC SHALL BE 24" - 30" ABOVE THE FINISHED GRADE.
4. A 5 FOOT CLEAR RADIUS WILL BE MAINTAINED AROUND THE FDC.
5. WHERE SUBJECT TO DAMAGE, CURBING AND BOLLARDS SHALL BE PROVIDED AND ARRANGED TO NOT INTERFERE WITH CONNECTIONS TO THE INLETS.
6. FDC SHALL BE OF BRASS CONSTRUCTION, DOUBLE CLAPPED AND PAINTED RED; CAPS AND COLLARS SHALL BE METAL.

INSPECTION & 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. PRESSURE TEST 2 HOURS WITH 200 PSI.

MATERIAL NOTES AND OTHER INFORMATION FOUND ON DRY LINE INSTALLATION STANDARD NOTES HANDOUT

PROPOSED UPPER CONNECTION ON STANDPIPE . SINGLE 4 1/2" OUTLET (SEE MATERIAL NOTES 1b. ON SUPPLIMENTAL HANDOUT)

45 DEGREE AND 90 DEGREE ELBOWS. MJ X MJ FITTINGS

PIPE (SEE MATERIALS NOTE 5 ON SUPPLIMENTAL HANDOUT)

PROPOSED LOWER CONNECTION ON STANDPIPE. DOUBLE 2 1/2" FEMALES (SEE MATERIALS NOTE 1a. ON SUPPLIMENTAL HANDOUT)

DRAWN BY:	CITY OF ATASCADERO FIRE AND EMERGENCY SERVICES	DRAWING NO.
MRW		
DESIGNED BY:	DRY LINE	F-5
DATE:		
09/06/2006		
FILE NAME:		
F5.2021.PDF		



CITY OF ATASCADERO

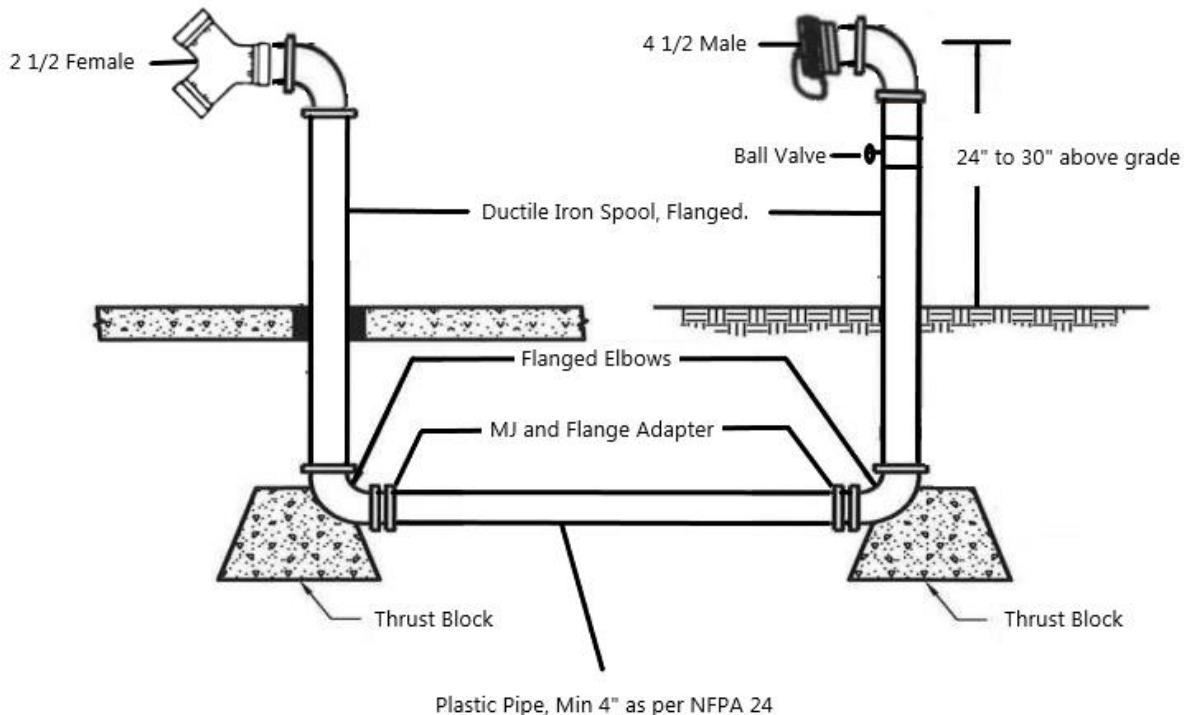
Fire & Emergency Services

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**
 - e.



FDC NOTES

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 - b. NUMBER OF DWELLINGS SERVED
2. 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.
3. FDC SHALL BE 24" – 30" ABOVE THE FINISHED GRADE.
4. A 5 FOOT CLEAR RADIUS WILL BE MAINTAINED AROUND THE FDC.
5. WHERE SUBJECT TO DAMAGE, CURBING AND BOLLARDS SHALL BE PROVIDED AND ARRANGED TO NOT INTERFERE WITH CONNECTIONS TO THE INLETS.
6. 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.