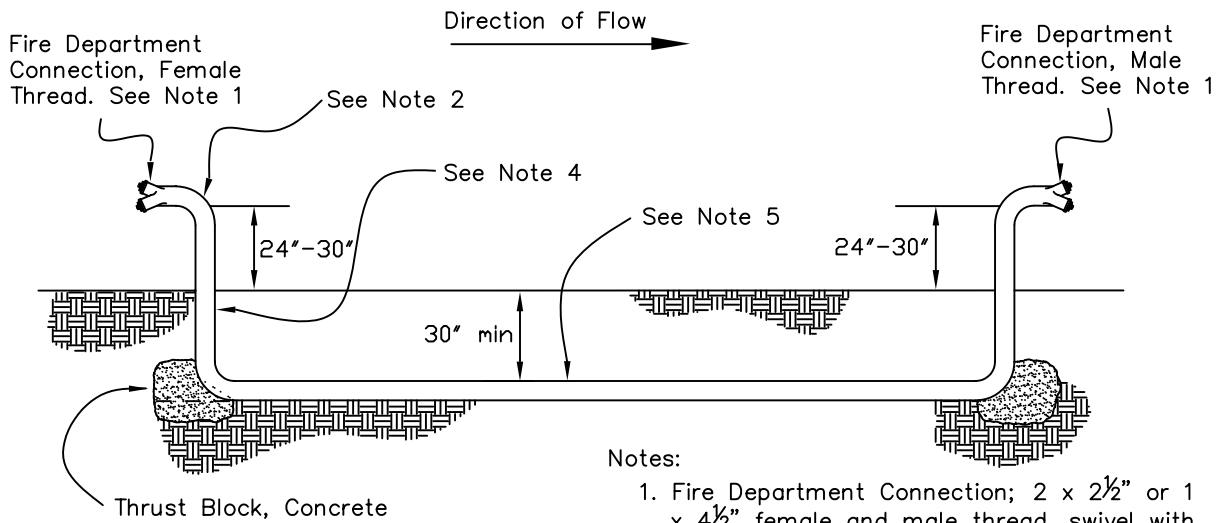


| REVISIONS | | | | APPROVALS | |
|--------------|----|------|----------|-----------|--|
| DESCRIPTIONS | BY | DATE | APPROVED | | |
| | | | | | |
| | | | | | |



- Notes:
1. Fire Department Connection; 2 x 2½" or 1 x 4½" female and male thread, swivel with protective breakaway caps.
 2. Flanged Elbows
 3. Ductile Iron Spool, Flanged
 4. MJ and Flange Adapter
 5. PVC, C900, CL150 4" minimum
 6. Underground flush at velocity not less than 10 ft/s for sufficient time to ensure thorough cleaning.
 7. Pressure test 2 hours with 200 psi
 8. Bollards where traffic hazard

Proposed upper connection on stand pipe—fire hydrant with two 2½" outlets.

45 degree and 90 degree elbows—MJ x MJ fittings

pipe—C-900 C-150 PVC

General Notes:
 Thrust block location and discription conforming to NFP #24
 Class (min. C-150) type and depth of existing and new pipe
 All bolted joint accessories shall be cleaned and thoroughly coated with asphalt or other corrosion retarding material after instalation.
 The Trench shall be backfilled between joints before testing to prevent movement of pipe
 Underground pipe joints, thrust blocks and other anchors shall be left exposed for inspection
 Tests shall be made by the contractor in the presence of the authority having jurisdiction.

FDC Notes:
 The FDC Shall have no shut off valves.
 Sign for the FDC shall be 6"X8", 18 gage metal, ¾ white letters on red background with the following information:
 -building address
 -number of risers
 -number of system side hydrants
 FDC shall be facing the public street and shall be set back a maximum of two feet from the face of curb or the rear of the sidewalk and at a height of 24"-30" above finish grade

FDC Notes (Cont.):
 A three foot clear radius will be maintained around the FDC where subject to damage, curbing and crash posts shall be provided and arranged to not interfere with connection to the inlets
 FDC shall be of brass construction, double clappered and painted red, Caps and collars shall be metal.

EXAMPLE OF DRY LINE PROPOSAL

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|--|---|------------------------|
| DRAWN BY: J.A.T. DESIGNED BY: J.A.V. DATE: 6/11/03 FILE NAME: AT704.DWG | CITY OF ATASCADERO ENGINEERING DEPARTMENT LOCATION OF UTILITIES | DRAWING NO. 704 |
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