

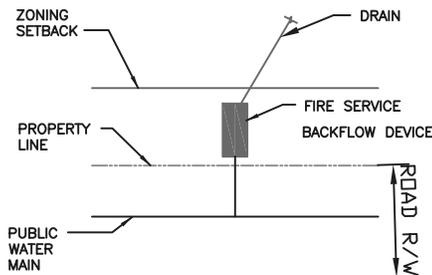
DRAIN ALTERNATIVE:

TIE INTO CATCH BASIN OR STORMWATER MANHOLE PER DETAIL SHOWN ABOVE. NO TIE IN TO STORMWATER PIPE WILL BE ACCEPTED.

N.T.S.

NOTES:

1. THE DOUBLE CHECK DETECTOR ASSEMBLY (DCDA) FOR FIRE SERVICE(S) MUST CONFORM TO CITY OF CONCORD SPECIFICATIONS AND BE AN APPROVED MODEL. INTERNAL FIRE SYSTEM MUST NOT INCOPORATE A BOOSTER PUMP; OTHERWISE A FIRE SERVICE RPDA MUST BE INSTALLED. DCDA BACKFLOW MUST HAVE AN APPROVED BYPASS ASSEMBLY WITH A RADIO READ METER WITH READING IN CU.FT., SHUT-OFF VALVES AND CHECK VALVE.
2. RIGID PIPE. 2½" TO 3" BRASS, K-COPPER, OR GALVANIZED PIPE. 4" TO 10" DIP
3. CITY OF CONCORD APPROVED DCDA INCLUDES SHUT OFF VALVES #1 AND #2 AS PART OF THE UNIT. NO SUBSTITUTIONS SHALL BE PERMITTED. 6" OF CLEARANCE SHALL BE PROVIDED WITH THE VALVE OPEN.
4. FIRE LINE INSTALLATIONS SHALL HAVE OUTSIDE STEM AND YOKE (OS & Y) HANDWHEEL OPERATORS.
5. 4" TO 10" DCDA SHALL BE SUPPORTED WITH ADEQUATE SUPPORT PEDESTAL(S).
6. VAULT, DOORS OR COVERS AND SUPPORT ASSEMBLY SHALL BE DESIGNED BY OWNER AS REQUIRED. VAULT DOORS MUST FLUSH MOUNT AND ACCOMODATE BACKFLOW ASSEMBLY REMOVAL AND VALVE ACCESS.
7. TEST COCK #1 SHALL BE UPSTREAM OF SHUT OFF VALVE #1 AND IS PART OF THE ASSEMBLY.
8. IF DRAINAGE CANNOT BE PROVIDED TO FREE ATMOSPHERE OR STORM DRAINAGE, THE DCDA SHALL BE INSTALLED ABOVE GROUND.
9. DRAIN PORT TO BE SIZED IN ACCORDANCE WITH "DRAIN PORT TABLE" IN BACKFLOW MANUAL. MUST DRAIN BY GRAVITY TO ATMOSPHERE OR CONNECT TO STORM DRAINAGE. DRAINAGE MAY BE PROVIDED AS SHOWN OR AS FLOOR DRAIN.



TYPICAL LOCATION REQUIREMENT

N.T.S.



STANDARD DETAIL BACKFLOW PREVENTION

BELOW GROUND 2½ INCH TO 10 INCH
DOUBLE CHECK DETECTOR ASSEMBLY
(DCDA) FOR FIRE SERVICES

3	9-13-07	SM	FIRE SERVICE DETAIL, PIPE EDITS
2	5-23-07	SM	TYPICAL LOCATION
1	6-13-06	SM	TEXT & LOCATION
No.	Date	By	REVISION
Drawn By:		Checked By:	Approved By:
MP/SVM			
Date		Sht	of
11/94		9	15