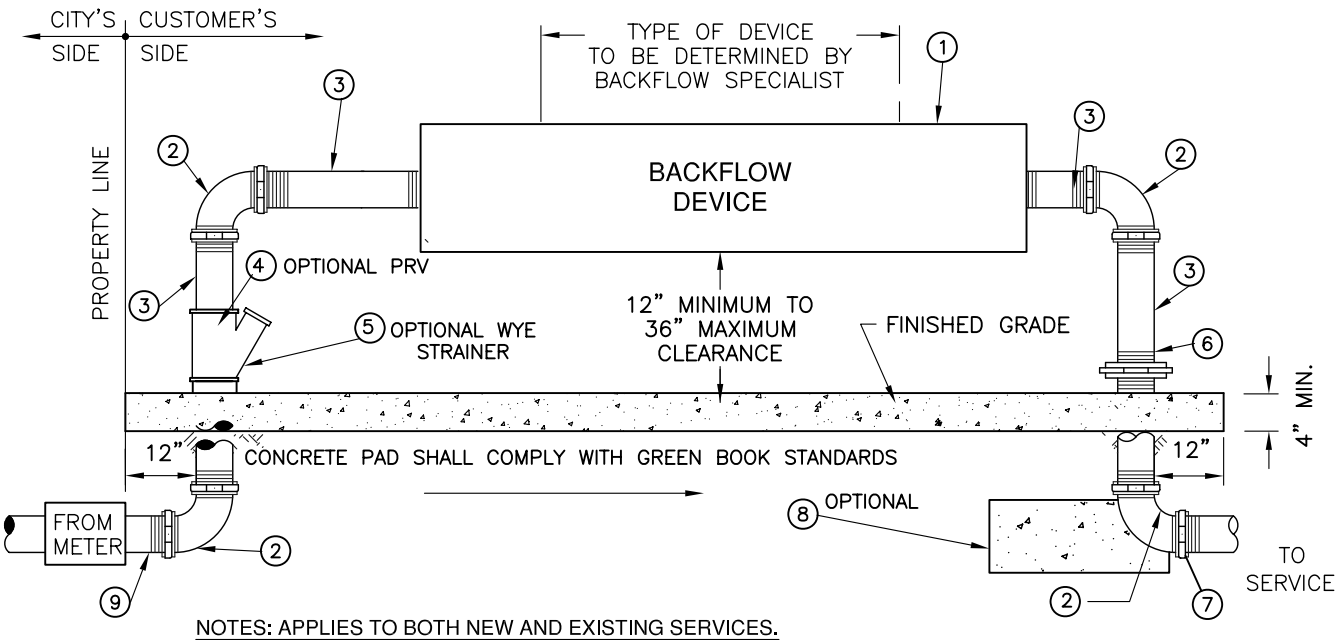
APPROV.	CHECK	DATE	DRAWN	3
APPROV.	CHECK	DATE	DRAWN	2
APPROV.	CHECK	DATE	DRAWN	1
APPROV.	CHECK	DATE 10-'09	DRAWN MMc	0

TYPICAL BACKFLOW DEVICE CONFIGURATION



NOTES: APPLIES TO BOTH NEW AND EXISTING SERVICES.

1. PRIOR TO INSTALLATION, LOCATION OF THE BACKFLOW DEVICE SHALL BE SUBJECT TO THE APPROVAL OF THE PROGRAM SPECIALIST 951-351-6320/6282. DEVICE SHALL BE LOCATED AS CLOSE TO METER AS PRACTICAL (MIN. 18", MAX. 24" BACK OF PROPERTY LINE.)
2. ANY DEVIATION FROM NOTE #1 IS SUBJECT TO CONDITIONS AS DESCRIBED WITHIN CWD 616-2
3. INSPECTION OF PLUMBING BETWEEN METER AND BACKFLOW DEVICE IS REQUIRED PRIOR TO BACKFILLING OR POURING CONCRETE.
4. MATERIALS SHALL BE IN COMPLIANCE WITH THE APPROVED MATERIALS SPECIFIED BELOW.
5. THE DEVICE MUST BE INSPECTED AND TESTED IMMEDIATELY AFTER INSTALLATION. TO SCHEDULE AN APPOINTMENT CALL 951-351-6320/6282.

ITEM	EACH	DESCRIPTION
1	1	BACKFLOW DEVICE
2	4	90 DEGREE ELBOW, BRASS OR HARD DRAWN COPPER
3	4	RISER & NIPPLES, BRASS OR HARD DRAWN COPPER
4	1	PRV VALVE (FOR PRESSURE IN EXCESS OF 80 PSI)

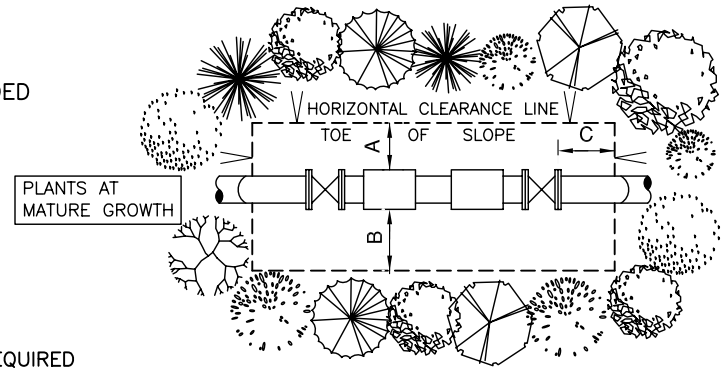
ITEM	EACH	DESCRIPTION
5	1	OPTIONAL WYE STRAINER
6	1	BRASS OR COPPER UNION(SEE NOTE *)
7	1	P.V.C. MALE ADAPTER (FEMALE THREADED x MALE SLIP)
8	1	CONCRETE THRUST BLOCK (OPTIONAL)
9	1	SERVICE LINE, BRASS OR HARD DRAWN COPPER

ADEQUATE AND SAFE CLEARANCE MUST BE PROVIDED TO PERMIT TESTING AND REPAIR WORK

MINIMUM CLEARANCE SCHEDULE			
SIZE	A	B	C
3/4" THRU 2 1/2"	12"	18"	12"

NOTE *

A SECOND UNION ON OPPOSITE RISER MAY BE REQUIRED IF CLEARANCE REQUIREMENTS ARE NOT MAINTAINED.



OVERHEAD VIEW OF CLEARANCE REQUIREMENTS

WATER
DISTRIBUTION & TRANSMISSION
CONSTRUCTION METHODS

BACKFLOW PREVENTION ASSEMBLY 3/4"-2 1/2" ABOVE GROUND INSTALLATION

RIVERSIDE PUBLIC UTILITIES STANDARD DRAWING | DATE: OCT 2009 | CWD-616-1