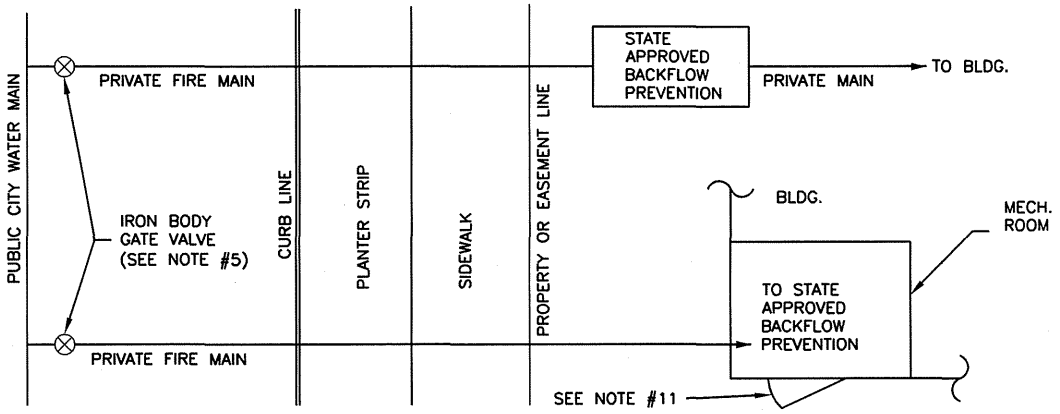


SINGLE-FAMILY FIRE PROTECTION INSTALLATION



NON SINGLE-FAMILY BACKFLOW PREVENTION INSTALLATION

NOTES:

1. ALL FIRE PROTECTION SERVICES SHALL HAVE AN IRON BODY GATE VALVE AS DESCRIBED IN 1-2.06 IN THE CITY OF BATTLE GROUND ENGINEERING DEPARTMENT'S WATER DESIGN AND CONSTRUCTION REQUIREMENTS. VALVES SHALL BE LOCATED AT THE CONNECTION TO THE WATER MAIN. WATER METERS ARE NOT REQUIRED ON FIRE PROTECTION.
2. ALL BACKFLOW DEVICES SHALL BE LOCATED PER APPROVED PLANS.
3. BACKFLOW DEVICES, LOCATED OUTSIDE OF A BUILDING, SHALL BE PLACED IN A STANDARD PLASTIC METER BOX, PLASTIC IRRIGATION BOX, OR CONCRETE VAULT WITH LID PER WA-5.0, WA-5.1, WA-5.2, AND WA-5.3, AS APPROPRIATE.
4. COMMERCIAL BACKFLOW DEVICES MAY BE INSTALLED INSIDE THE BUILDING IN A MECHANICAL ROOM, AS ALLOWED BY THE I.B.C. AND U.P.C. AS AMENDED BY THE STATE OF WASHINGTON, PROVIDED THE ROOM REMAINS ACCESSIBLE TO INSPECTORS.
5. ALL COMMERCIAL FIRE PROTECTION SERVICES SHALL BE PRIVATELY OWNED AND MAINTAINED DOWNSTREAM OF THE GATE VALVE LOCATED AT THE PUBLIC MAIN.
6. ALL BACKFLOW DEVICES ARE PRIVATELY OWNED, MAINTAINED, AND MUST BE TESTED ANNUALLY BY A CERTIFIED BACKFLOW ASSEMBLY TESTER.
7. SINGLE FAMILY WATER METERS SHALL BE SIZED TO MEET THE REQUIRED FIRE FLOW.
8. ALL FIRE PROTECTION SERVICES, EXCEPT SINGLE FAMILY APPLICATIONS, SHALL BE TAPPED SEPARATELY FROM DOMESTIC SERVICES AND FIRE HYDRANT LEADS.
9. A FIRE HYDRANT IS REQUIRED WITHIN A 100 FEET OF THE FIRE DEPARTMENT CONNECTION (FDC).
10. THE FDC MUST BE REMOTE FROM THE BUILDING A MINIMUM DISTANCE EQUAL TO ONE-AND-A-HALF TIMES THE HEIGHT OF THE BUILDING.
11. A DOOR ON THE EXTERIOR OF THE BUILDING MAY BE REQUIRED WITHIN 5 FEET OF THE SPRINKLER RISER PURSUANT TO BGMC 15.105.140.

STANDARD FIRE PROTECTION BACKFLOW INSTALLATION LOCATIONS

PLAN #

CITY OF BATTLE GROUND APPROVED

9/24/07

CITY ENGINEER — DATE

REVISIONS:	DATE:	DRAWN:	DESIGNED:
1	4/16/07	JMH	MCH
2	9/24/07	MCH	MCH

WA-6.0