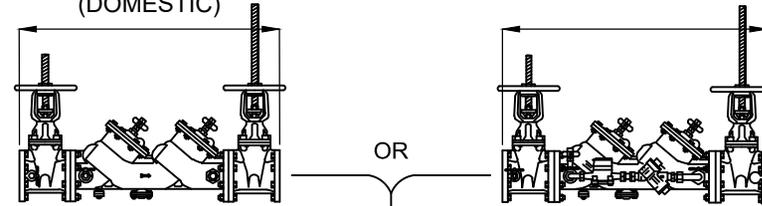


NOTES:

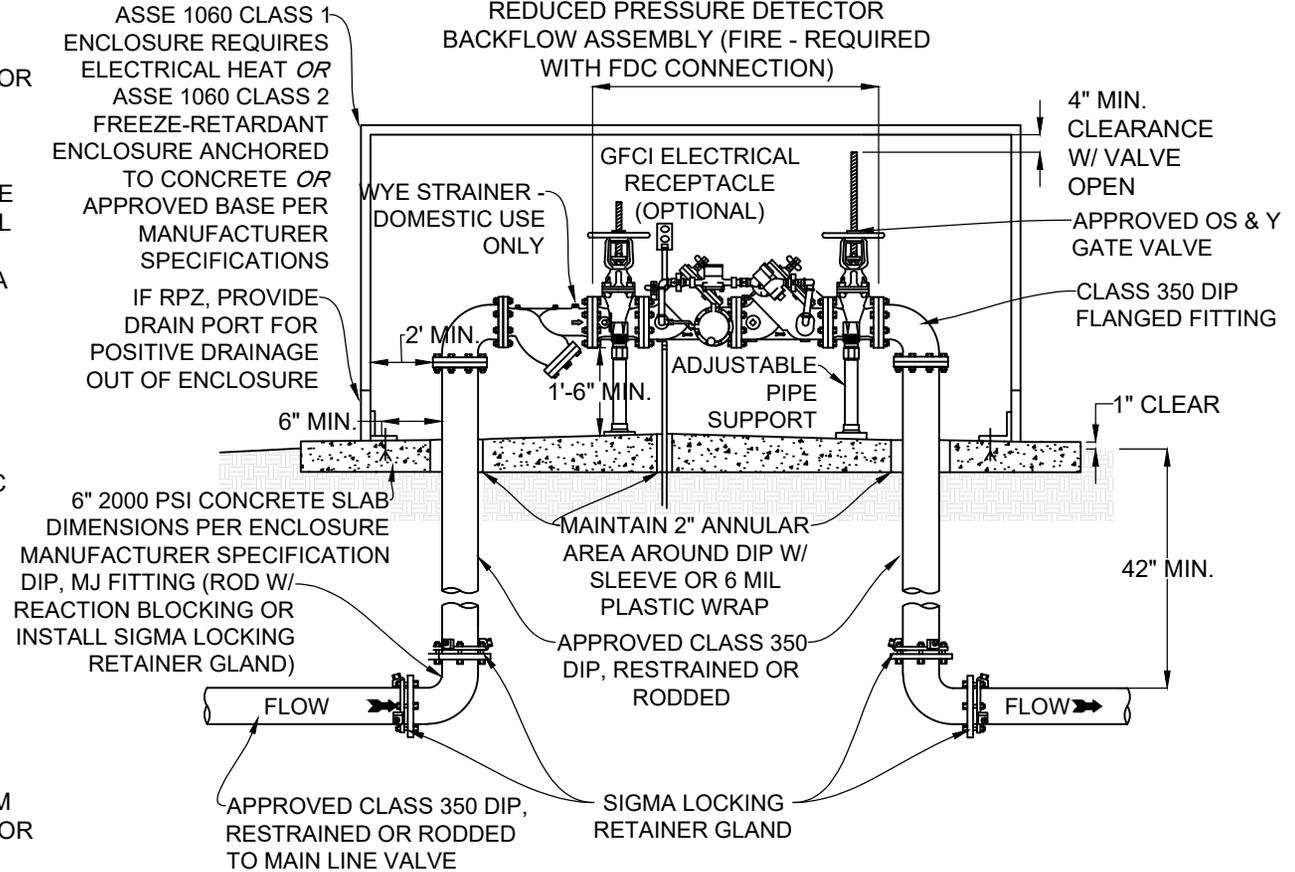
1. REDUCED PRESSURE PRINCIPLE BACKFLOW PREVENTION ASSEMBLY SHALL COMPLY WITH ASSE 1013 & AWWA C511.
2. REDUCED PRESSURE DETECTOR BACKFLOW PREVENTION ASSEMBLY SHALL COMPLY WITH ASSE 1047. UNIT SHALL BE USED FOR ALL FIRE PREVENTION SYSTEMS WITH FDC, CHEMICAL, PROCESSED OR BOOSTERED.
3. DOUBLE CHECK VALVE BACKFLOW PREVENTION ASSEMBLY SHALL COMPLY WITH ASSE 1015 & AWWA C510.
4. DOUBLE CHECK DETECTOR BACKFLOW PREVENTION ASSEMBLY SHALL COMPLY WITH ASSE 1048.
5. BACKFLOW ASSEMBLY SHALL BE CENTERED ON CONCRETE PAD AND CENTERED WITHIN ENCLOSURE OR BASED ON MANUFACTURER SPECIFICATION.
6. ASSE 1060 CLASS 1 OR 2 FREEZE-RETARDANT ENCLOSURE REQUIRED.
7. STANDARD 120V GFCI ELECTRICAL RECEPTACLE TO BE INSTALLED IN ACCORDANCE WITH THE NC ELECTRICAL CODE IF AN ASSE 1060 CLASS 1 BOX IS INSTALLED ON DOMESTIC SERVICE. ELECTRICAL RECEPTACLE AND A CONTROL HEATER OR HEAT TRACER REQUIRED.
8. PIPE MATERIAL SHALL BE CLASS 350 DIP AWWA C150 AND C151 APPROVED BY THE TOWN.
9. INSTALLATION SHALL BE IN COMPLIANCE WITH ALL APPLICABLE TOWN ORDINANCES, SPECIFICATIONS, UNIVERSITY OF SOUTHERN CALIFORNIA FOUNDATION FOR CROSS - CONNECTION CONTROL AND HYDRAULIC RESEARCH AND THE NC PLUMBING CODE.
10. PROPERTY OWNER SHALL BE RESPONSIBLE FOR MAINTENANCE AND OPERATION OF BACKFLOW PREVENTION ASSEMBLY AND COMPLIANCE WITH REPORTING AND TESTING REQUIREMENTS.
11. ALL BACKFLOW PREVENTERS SHALL BE "LEAD FREE".
12. ALL BACKFLOW INSTALLATIONS SHALL MEET DETAIL 620.01, 1 OF 2.
13. A WYE STRAINER SHALL BE INSTALLED ON THE IMMEDIATE UPSTREAM OF THE BACKFLOW PREVENTER'S #1 SHUTOFF VALVE AND THE UPSTREAM DISCONNECT UNION. THE WYE STRAINER SHALL BE FOR DOMESTIC SERVICE CONNECTIONS ONLY.
14. AN ISOLATION GATE VALVE SHALL BE INSTALLED ON THE TOWN OF APEX PUBLIC WATERLINE FOR BACKFLOW ISOLATION PURPOSES.

DOUBLE CHECK VALVE ASSEMBLY
AND
REDUCE PRESSURE ASSEMBLY
(DOMESTIC)

DOUBLE CHECK DETECTOR
BACKFLOW ASSEMBLY (FIRE) - (NOT
PERMITTED WITH FDC CONNECTION)



REDUCED PRESSURE DETECTOR
BACKFLOW ASSEMBLY (FIRE - REQUIRED
WITH FDC CONNECTION)



ELEVATION VIEW

TOWN OF APEX
STANDARDS

EFFECTIVE: JUNE 11, 2024

≥3" COMMERCIAL OUTDOOR BACKFLOW ASSEMBLY

STD. NO.

620.06

SHEET 1 OF 1