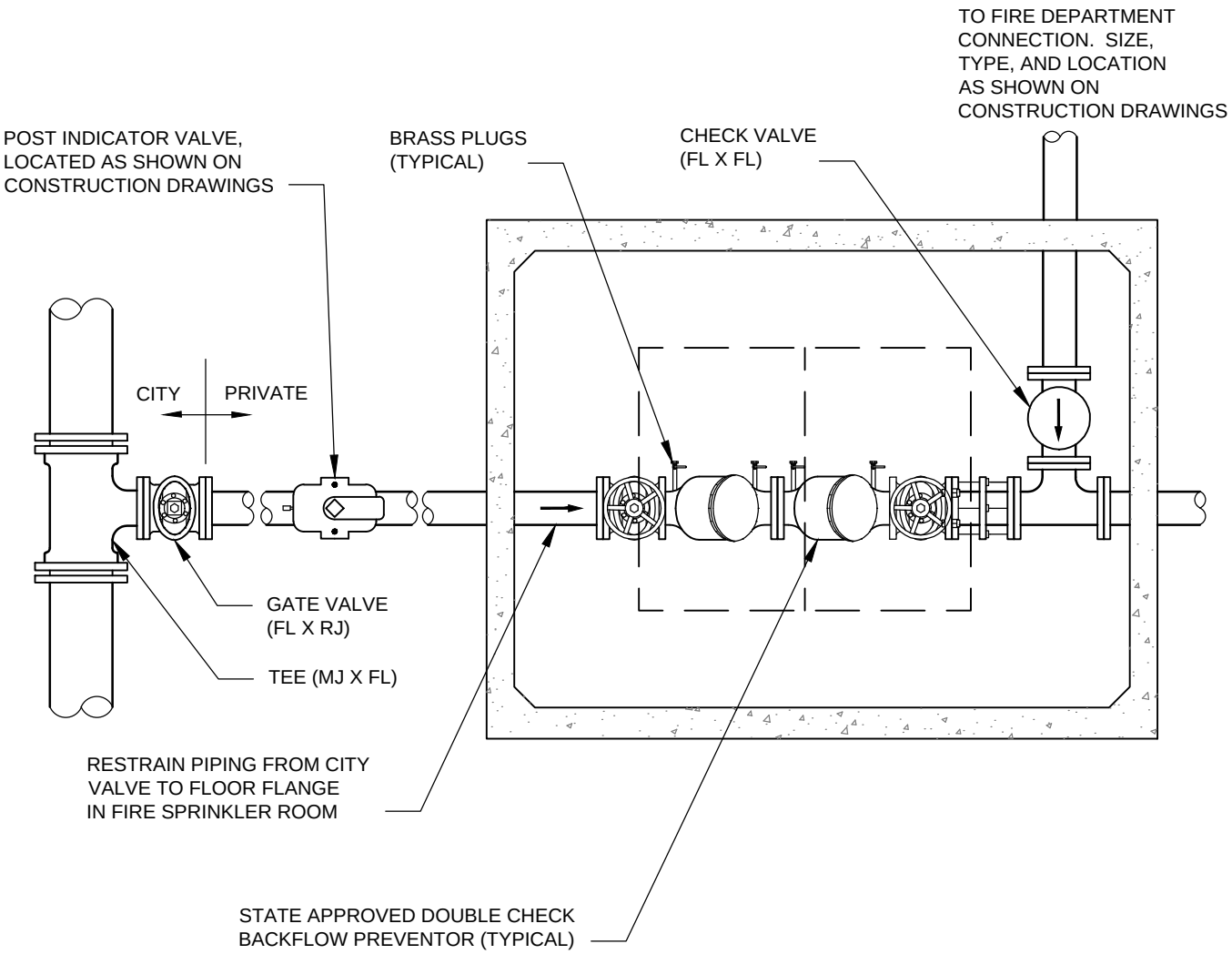

PLAN

NTS

NOTES:

1. VAULT SHALL BE SIZED BY THE PROJECT ENGINEER AND THE SIZE SHALL BE SHOWN ON THE PROJECT DRAWINGS. VAULT SIZE SHALL BE DETERMINED BY CONSIDERING THE SIZE OF THE BACKFLOW PREVENTOR, MINIMUM CLEARANCES REQUIRED BY THE AWWA CROSS CONNECTION CONTROL MANUAL AND THE FIRE DEPARTMENT CONNECTION.
2. BACKFLOW PREVENTOR SHALL BE LOCATED WITHIN THE BUILDING OR WITHIN A VAULT. THE CONSTRUCTION DRAWINGS SHALL SHOW THE LOCATION OF THE BACKFLOW PREVENTOR AND ALL ASSOCIATED FIRE SPRINKLER PIPING INCLUDING POST INDICATOR VALVES AND FIRE DEPARTMENT CONNECTIONS.
3. VAULT DRAIN SHALL BE CONNECTED TO THE STORM SYSTEM AS SHOWN ON THE PROJECT DRAWINGS. IF 2% SLOPE ON THE DRAIN IS NOT FEASIBLE, A SUMP PUMP SHALL BE REQUIRED.
4. ACCESS DOOR SHALL BE SIZED BY THE PROJECT ENGINEER AND THE SIZE SHALL BE SHOWN ON THE PROJECT DRAWINGS. DOOR SIZE SHALL BE DETERMINED CONSIDERING THE SIZE OF THE EQUIPMENT IN THE VAULT.
5. PIPING IN VAULT SHALL INCLUDE RESTRAINED FLANGE COUPLING ADAPTOR OR GROOVED FITTING FOR ABILITY TO DISASSEMBLE ASSEMBLY FOR MAINTENANCE.

CITY OF REDMOND, WASHINGTON			STANDARD DETAILS
APPROVED BY: RON GRANT CITY ENGINEER			FIRE SPRINKLER SYSTEM BACKFLOW PREVENTOR
REVISION DATE: MARCH 01, 2012			FILE NAME: SD714.DWG / DETAIL NUMBER: 714