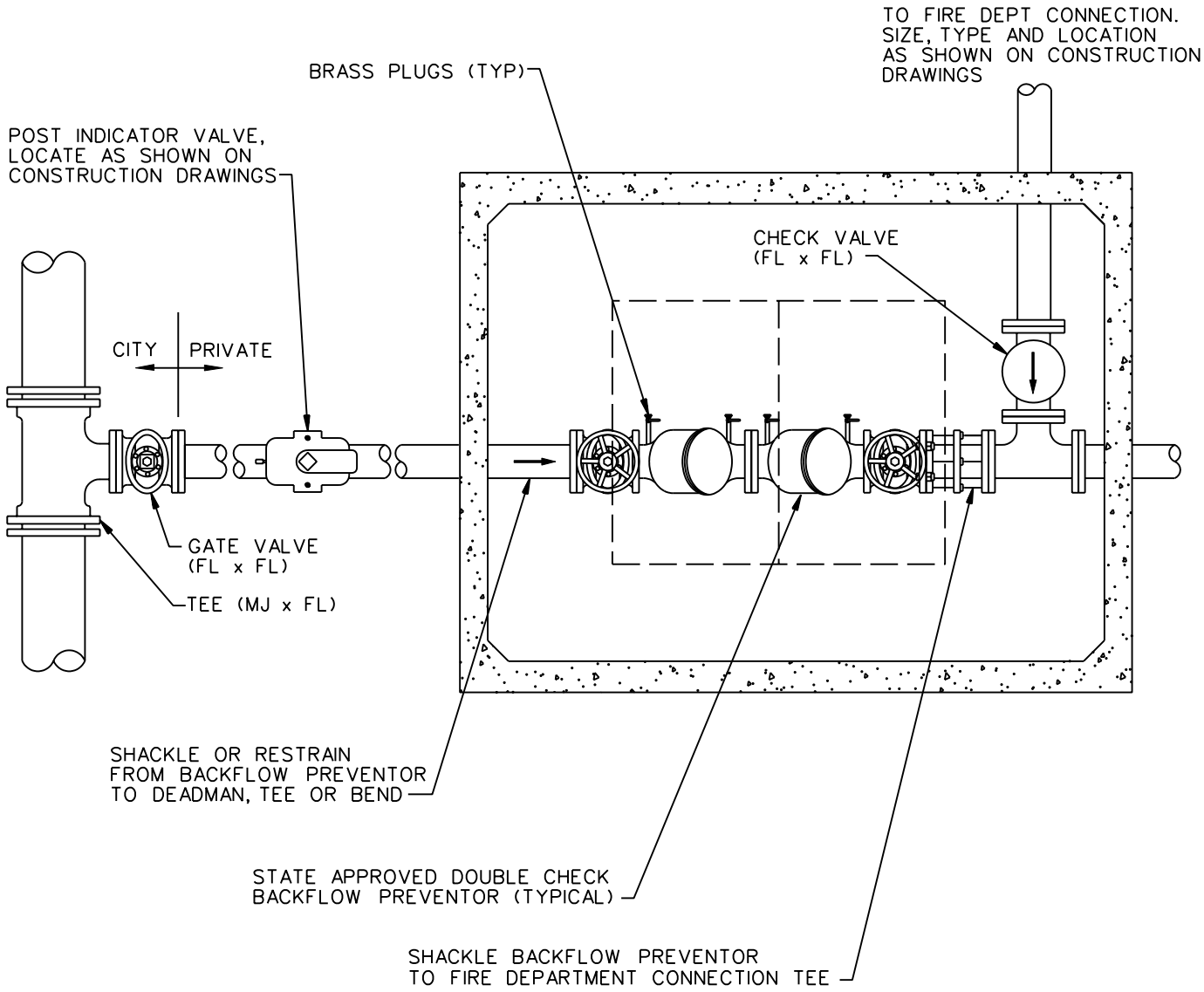

NOTES:

1. 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.

2. VAULT DRAIN SHALL BE CONNECTED TO STORM SEWER AS SHOWN ON THE PROJECT DRAWINGS. IF 2% SLOPE ON THE DRAIN IS NOT FEASIBLE A SUMP PUMP SHALL BE REQUIRED.

3. VAULT SHALL BE SIZED BY THE PROJECT ENGINEER AND SIZE SHALL BE SHOWN ON THE PROJECT DRAWINGS. VAULT SIZE SHALL BE DETERMINED CONSIDERING SIZE OF BACKFLOW PREVENTOR, MINIMUM CLEARANCES REQUIRED BY THE AWWA CROSS CONNECTION CONTROL MANUAL AND THE FIRE DEPARTMENT CONNECTION.

4. ACCESS DOOR SHALL BE SIZED BY THE PROJECT ENGINEER AND SIZE SHALL BE SHOWN ON THE PROJECT DRAWINGS. DOOR SIZE SHALL BE DETERMINED CONSIDERING THE SIZE OF THE EQUIPMENT IN VAULT.

APPROVED: SCOTT THOMASSON REV. DATE: FEB. 1, 1997	WILLIAM J. CAMPBELL STATE OF WASHINGTON 14817 REGISTERED PROFESSIONAL ENGINEER EXPIRES: 9-08-1993	THE CITY OF REDMOND WASHINGTON	STANDARD DETAILS **FIRE SPRINKLER SYSTEM BACKFLOW PREVENTOR**
WATER/WASTEWATER DIVISION			FILE WTDT714.DGN | DRAWING NO. **714**