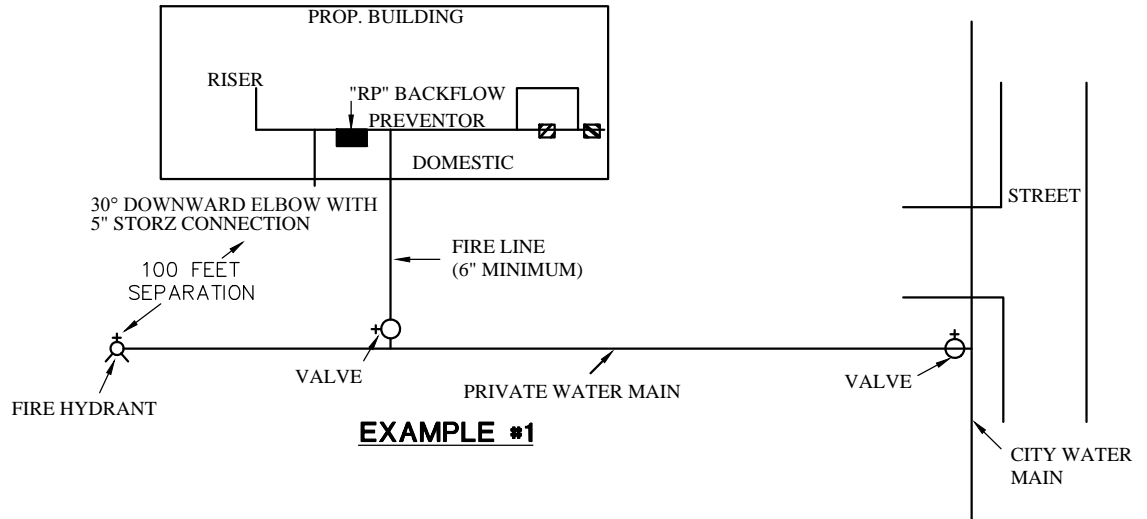


**NOTES**

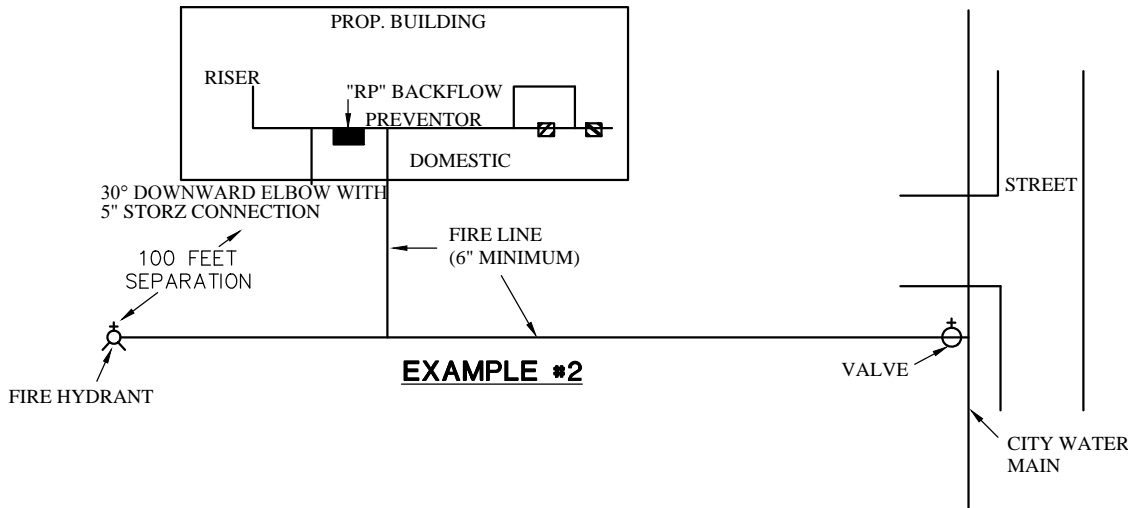
- A.** THE FIRE LINE SHALL BE DEFINED AS "THE LINE FROM THE WATER MAIN THAT SUPPLIES THE SYSTEM.
- B.** MINIMUM FIRE LINE SIZE SHALL BE 6".
- C.** A FIRE HYDRANT SHALL BE INSTALLED WITHIN 100 FEET OF THE 5" STORZ CONNECTION.
- D.** FIRE LINE CHARGES SHALL BE BASED ON SIZE OF RISER.
- E.** CONTRACTOR SHALL INSTALL A REDUCED PRESSURE PRINCIPLE BACKFLOW PREVENTOR ON FIRE LINE PRIOR TO RISER.
- F.** LIMITED AREA SPRINKLERS SHALL BE CONNECTED BEFORE METER.
- G.** ALL MATERIAL AND CONSTRUCTION METHODS SHALL CONFORM TO CITY STANDARDS.
- H.** PRIVATE WATER MAIN SHALL REMAIN PRIVATE UNLESS ACCEPTED BY THE CITY AND AN EASEMENT IS GRANTED.
- I.** ALL FIRE LINES SHALL BE TESTED AT 200psi. SEE HYDROSTATIC TEST ON PAGE 1167.55 FOR ADDITIONAL REQUIREMENTS. FIRE DEPARTMENT TO WITNESS TEST.

**TESTING PROCEDURES FOR EXAMPLE #1**

- A.** FIRE LINE SHALL BE INSTALLED, INSPECTED AND CERTIFIED BY A STATE LICENSED FIRE LINE INSTALLER.
- B.** PRIVATE WATER MAIN CAN BE INSTALLED BY THE GENERAL CONTRACTOR AND MUST BE INSPECTED BY THE CITY. CITY SHALL PERFORM DISINFECTION AND BACTERIA TEST ON BOTH THE FIRE LINE AND PRIVATE WATER MAIN AFTER PRESSURE TEST HAVE BEEN PERFORMED AND APPROVED.



**EXAMPLE #1**



**EXAMPLE #2**

**TESTING PROCEDURES FOR EXAMPLE #2**

- A.** ENTIRE WATER LINE SHALL BE CONSIDERED THE FIRE LINE PER THE DEFINITIONS.
- B.** THE ENTIRE FIRE LINE SHALL BE INSTALLED, INSPECTED AND CERTIFIED BY A STATE LICENSED FIRE LINE INSTALLER.
- C.** CITY SHALL PERFORM BACTERIA TEST AFTER PRESSURE TEST AND DISINFECTION HAVE BEEN PERFORMED AND APPROVED.