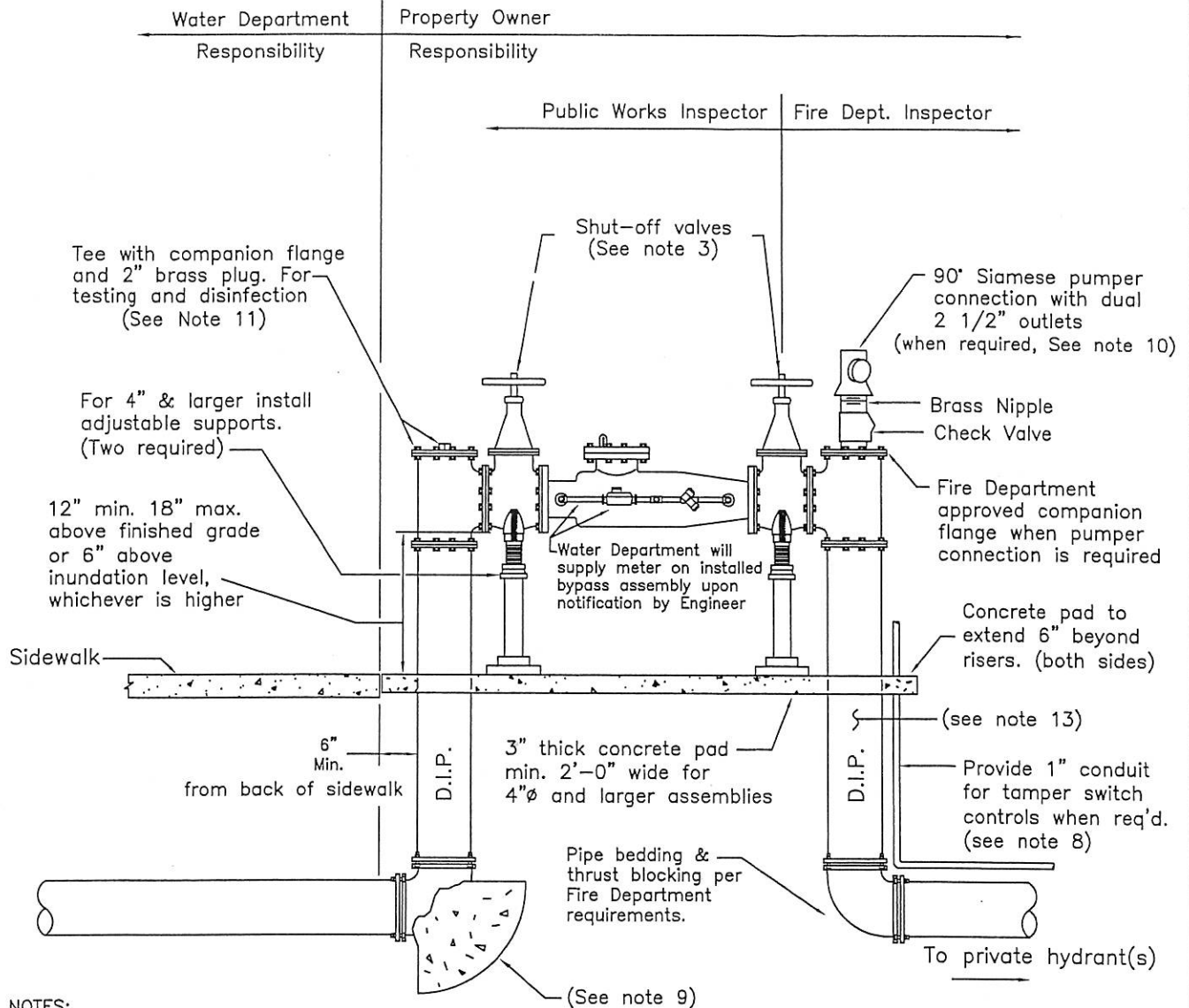


ATTACHMENT 3



NOTES:

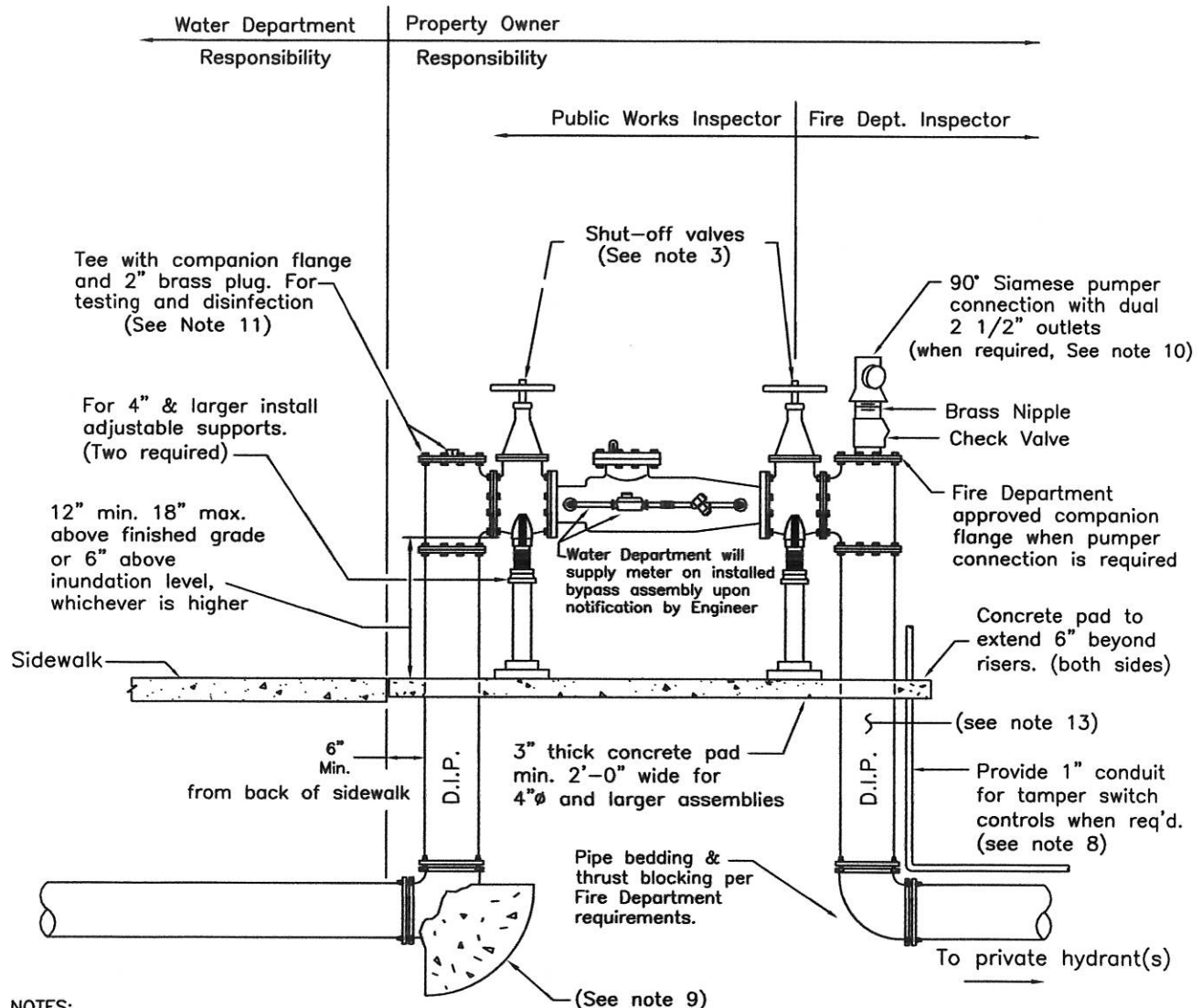
1. Above ground single check detector valve assemblies may only be used on fire lines serving private fire hydrants. Where sprinklers are served, use double check detector per STD. 880. Where above ground installation is not possible due to site constraints, in the opinion of the Engineer, a below ground single check detector per STD. 888 may be allowed.
2. See Engineer's Approved list for approved detector check devices.
3. Shut off valves shall be resilient wedge type O.S. & Y. valves, and shall be chained and padlocked in the open position by owner.
4. All test valves shall be fitted with 1/4" female test cocks.
5. Detector check assembly shall be located as close as possible to back of sidewalk or public right-of-way.
6. Any cover or screening for this device must have both the Fire and Water Department's approval prior to installation.
7. Detector check shall be the same size as the fire line except a 10" detector check assembly is permitted when a 12" fire line is required.
8. The installation shall be provided with electronic supervision monitoring when required by the Fire Department.
9. Restrained joints are required for all new construction from gate valve to 90° elbow. Thrust blocks are only required where existing service is being modified and restrained joints are not used. Thrust block behind tee or tapping sleeve is required on all installations.
10. Must have specific approval of the Fire Dept. prior to installation.
11. For filling and disinfection when service has been tapped or cut-in on existing main, add 2" piping as needed so "fill line" is a minimum of 6" above all other piping. Install brass plug after disinfection and testing.
12. Regardless of detector device orientation, bypass meter shall be installed to set horizontally at a location easily accessed and read. See City Standard 885.
13. Contractor shall provide protection from corrosion in accordance with Fire Department requirements.

CITY OF SANTA ROSA

ABOVE GROUND SINGLE CHECK DETECTOR ASSEMBLY

SCALE: NONE DATE: Sept. 2017

DWN: GC DK APPROVED FILE NO.
CHK: RS STD.- 879



NOTES:

- Above ground single check detector valve assemblies may only be used on fire lines serving private fire hydrants. Where sprinklers are served, use double check detector per STD. 880. Where above ground installation is not possible due to site constraints, in the opinion of the Engineer, a below ground single check detector per STD. 879 may be allowed.
- See Engineer's Approved list for approved detector check devices.
- Shut off valves shall be resilient wedge type O.S. & Y. valves, and shall be chained and padlocked in the open position by owner.
- All test valves shall be fitted with 1/4" female test cocks.
- Detector check assembly shall be located as close as possible to back of sidewalk or public right-of-way.
- Any cover or screening for this device must have both the Fire and Water Department's approval prior to installation.
- Detector check shall be the same size as the fire line except a 10" detector check assembly is permitted when a 12" fire line is required.
- The installation shall be provided with electronic supervision monitoring when required by the Fire Department.
- Restrained joints are required for all new construction from gate valve to 90° elbow. Thrust blocks are only required where existing service is being modified and restrained joints are not used. Thrust block behind tee or tapping sleeve is required on all installations.
- Must have specific approval of the Fire Dept. prior to installation.
- For filling and disinfection when service has been tapped or cut-in on existing main, add 2" piping as needed so "fill line" is a minimum of 6" above all other piping. Install brass plug after disinfection and testing.
- Regardless of detector device orientation, bypass meter shall be installed to set horizontally at a location easily accessed and read. See City Standard 885.
- Contractor shall provide protection from corrosion in accordance with Fire Department requirements.

CITY OF SANTA ROSA

ABOVE GROUND SINGLE CHECK DETECTOR ASSEMBLY

SCALE: NONE | DATE: Sept. 2017

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CHK: RS

APPROVED

FILE NO.
STD.- 888