TOWN OF HILLSBOROUGH

BUILDING & PLANNING DEPARTMENT

1600 FLORIBUNDA AVE, HILLSBOROUGH, CA 94010
Phone: 650.375.7411 ~ Fax: 650.375.7415 ~ Website: www.Hillsborough.net

Water Service and Sewer Lateral Testing Procedures and Miniumum Requirements

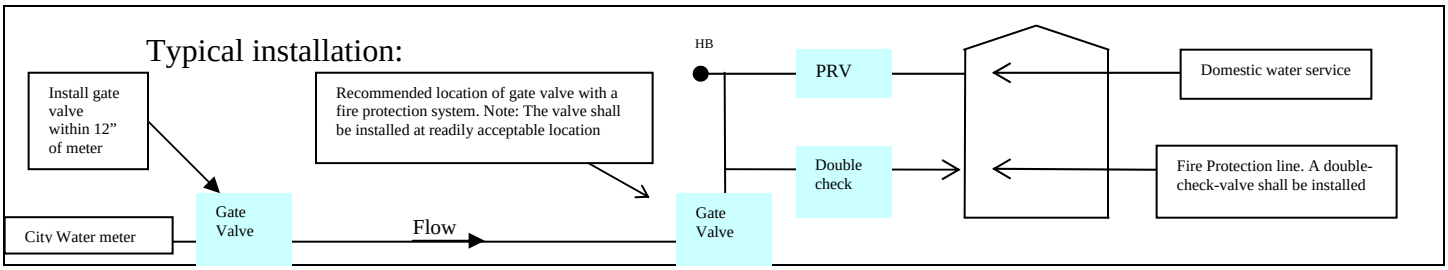
Permits required: Only the homeowner or a Ca. licensed plumbing contractor can obtain the required permits

A. Water Service and Sewer Lateral permit
B. Encroachment permits. Required only if work is to be done outside subject property or within the city easements, also tying into, or pipe bursting from the sewer lateral or manholes.
C. Additional permits are required for sewer line or water services replacements and in some cases repairs
D. The homeowner may make a cash deposit in the amount of $10,000 in lieu of waiting for the conclusion of the sewer /water service test and video review. The deposit will be held until conclusion of the repair or the system is deemed satisfactory. An administration fee of $200.00 will be deducted when the deposit is made.

Check list for the Water Service testing procedures and the minimum requirements:

☐	1. The water service pipe shall be tested at full street pressure. No pressure loss is permitted	Required ☐	
☐	2. A full way gate valve shall be located within 12" on the house side of the water service meter. The valve shall be protected by a labeled listed water utility box.	Existing ☐	Required ☐
☐	3. A full way gate valve shall be located at each structure. a. If a new shut-off valve is installed at the house it shall not be installed on the fire protection system, unless the valve shuts both the domestic water and the fire protection systems off simultaneously.	Existing ☐	Required ☐
☐	4. A Pressure Reducing Valve (**PRV**) is required on all systems existing or new. a. The PRV must not be installed between the fire protection system and the meter. b. The PRV must be installed above grade or and in a readily accessible location. c. The PRV shall be set to a maximum pressure of 80 lbs.	Existing ☐	Required ☐
☐	5. The water service piping shall be in good condition and be free of damage, defects, delaminating, and deterioration. For reasons of water quality repairs on galvanized pipes shall not be permitted, replacement is required. All materials to repair or replace the water service shall be installed per the manufactures listings.	No work required ☐	Good condition ☐
☐	6. If a new water service pipe is installed it shall be calculated and sized.	Not required ☐	Required ☐
☐	7. If a new hose-bib (**HB**) is installed a vacuum breaker is required.	Not required ☐	Required ☐
☐	8. A new or repaired water service shall not be reconnected to an irrigation system that does not have an approved backflow device. If a check type valve is installed additional requirements will apply.	No Backflow ☐	Backflow installed ☐
☐	9. Electrical bonding: Listed bonding clamps and a copper #8 wire shall be provide around all unions, PRV's and similar devices.	Existing ☐	Required ☐

Typical installation:



Sewer

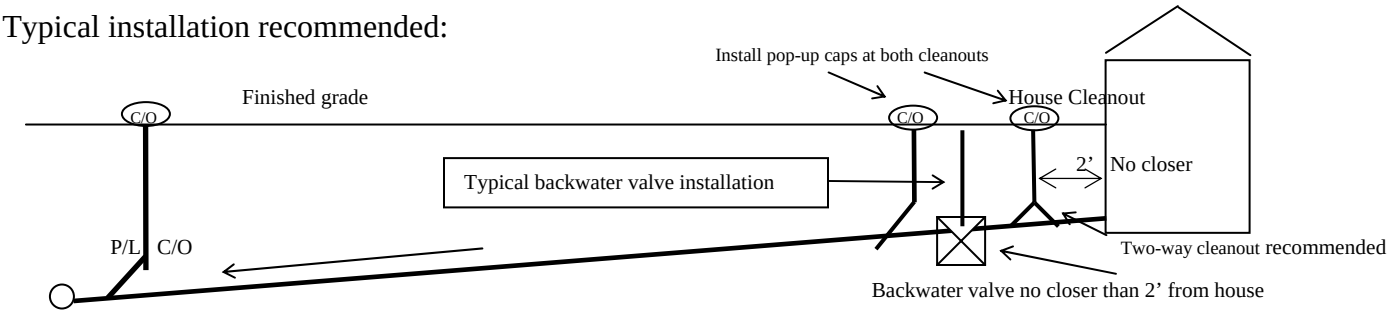
Check list for the Sewer lateral testing procedures and the minimum requirements

☐	10. A water or low-pressure air test is required between the structure and the city sewer lateral or the manhole.		Required ☐
☐	11. In addition to a water or low-pressure air test, the line must be video taped using a well-lit color formatted camera. The submitted video shall be clear, dated and have a footage counter. The video must be submitted to the Engineering Department for review and approval. The homeowner may make a cash deposit in lieu of waiting for the conclusion of the video review. (See permit requirements item D)	Existing ☐	Required ☐
☐	12. An approved Backwater valve may be required. (See **"Backwater Valve Requirements"** handout for backwater valve installation requirements).	Existing ☐	Required ☐
☐	13. A cleanout with a pop-up cap is required to be located 2' outside the footprint of the home or structure. A 2-way cleanout is recommended.	Existing ☐	Required ☐
☐	14. A cleanout shall be located at the property line.	Existing ☐	Required ☐
☐	15. If the structure has a sewer ejector, a cleanout with a pop-up cap is required on the gravity side of the system. Note: if the gravity side of the sewer system is lower than 1" above the upstream manhole lid a backwater valve, cleanout and a pop-up cap is required to be installed.	Existing ☐	Required ☐

Note: If the system fails the test the follow may apply:

☐	16. Additional cleanout requirements are every 100'lineal feet of sewer pipe and every 135 degrees change in direction on new or repaired systems only.	Existing ☐	Required ☐
☐	17. General requirements: provide a min of 12" of backfill over the pipe, with a min. of ¼" per foot slope.	Existing ☐	Required ☐
☐	18. **All piping materials allowed by the 2010 California Plumbing Code Shall be permitted.**		
☐	19. If a pipe-bursting system is used to repair or replace a damaged or leaking pipe a certification of the new pipe installation is required certifying that the newly installed pipe has the required continuous slope and to verify no low or flat spots exist. (**See compliance certification below**)		Required ☐
☐	20. If a backwater valve is required, a 2-way cleanout with a pop-up cap shall be installed upstream and within 5' of the footprint of the structure. A cleanout with a pop-up cal shall also be installed downstream and next to the backwater valve.	Existing ☐	Required ☐

Typical installation recommended:



Sewer lateral compliance certification

I (Name) _____ (Company name) _____ (Plumb. Contr. Lic#) _____ (Date) _____certify that the pipe-bursting polyethylene system has been installed and was completely videoed confirming the system was installed per the 2010 California Plumbing Code and the manufacturers listed requirements. The system is free of leaks, damage, defects, flat and low spots and all the required cleanouts, pop-ups and if necessary backwater protection has been installed.