

## **PLUMBING/FLOOD CONTROL/SEWER REPAIR/CLEANOUT INSTALL CONDITIONS**

### **Sewer repair/ cleanout install conditions:**

- Cut the clay pipe leaving a clean straight edge.
- Install the tee or pipe and tee as needed using the 6" mission coupling (non-shear).
- Provide a 4" gravel bed under all pipes. (tamped).
- 6"X4" non-shear mission type bank to join the clean-out tee to the cast iron or plastic pipe coming from the house.
- Install 6" riser and clean-out ferrel flush/even with grade.
- Rod out the sewer, use a cutter to match the inside diameter of the pipe.
- Remove all old pipes from the ditch and the job site.
- Test the sewer line check for leaks and make sure the line is running freely.
- Cover the sewer line with 4" of stone and backfill. (above & below horizontal portion of pipe)
- The cleanout shall be located within 10 feet of the building, any work within 5 feet of building requires a licensed plumber.
- Approved materials shall include: SDR 26, SCH 40 pvc (if next to water service, Cast Iron or Ductile Iron).

\*Flood Control requires an additional electrical permit and inspection of rough and final of same\*

### **Irrigation conditions:**

- A licensed plumber shall install a reduced pressure zone valve (RPZ) on the water system.
- The RPZ valve is required to be tested by a certified "Cross Connection Control Device Inspector" upon completion, and annually thereafter.
- Provide 2 copies of a plat of survey showing location of all sprinkler heads. Also show the location of the RPZ valve.
- If the sprinkler system is to be installed in the right of way (parkway), the property owner must agree to and sign "The license to install and maintain a lawn sprinkler system".
- The application must be signed by the owner or licensed irrigation contractor.
- Any pump shall be installed near the water meter or first branch off the water service. Install a check valve beyond the sump branch. A cut off switch shall be installed to prevent the operation of the pump with service pressure less than 20 pounds. Electrical contractor is required for installation.

### **GENERAL CONDITIONS:**

Any work located in the parkway and/or street shall be inspected by Niles Engineering at (847)588-7920.

Repair of the parkway or street shall be fully restored within 48 hours.

Any work performed in **PARKWAY** will require a \$400 deposit. Any work performed in the street requires a 1,500 deposit. Allow 5 weeks for refund after final inspection has been approved.

Material shall not be stored in street or parkway at any time.

Village approval is required prior to placing a dumpster in the street. Lighted barricades shall be placed at both ends and solid wood shall be under entire length of dumpster.

Any exposed excavation shall be properly covered and secured during non-construction hours.

**If you have any questions regarding any of the above conditions please contact the Building Department.**

**Plumbing Inspector 847-588-8068**

**REQUIRED INSPECTIONS: Rough Underground Inspection of work before any Backfill**

**Final Inspection proper restoration of the site**

