Water Service Replacements

General Information

This letter is to serve as a general guideline for replacement of main water service installations. An individual miscellaneous permit is required for all water service replacements. Please contact one of our offices for the appropriate fees.

Scheduling of Inspections

Once the permit is obtained please contact our office (916) 875-5296 in order to coordinate inspections for the completed work. **Work must not be concealed** until successful completion of a visual inspection for the plumbing and electrical connections. Multiple inspection requests must be approved by the area supervisor to insure adequate staff and time is allocated (875-5296).

California Plumbing Code requirements:

The materials and size for the main water service are to be in compliance with the current adopted California Plumbing Code. Anti-siphon devices are required per CPC Section 603.4.7.

California Electrical Code Requirements:

The current County of Sacramento Adoptive Technical Code requires a grounding electrode to be provided for each residence. Existing water piping systems along with a supplemental grounding rod, minimal eight feet in length and ½ inch in diameter may be used as a means of satisfying this requirement. Existing underground metallic water piping is to be a minimum of ten feet in length and is to be bonded to the driven ground rod as per the current adopted California Electrical Code. In addition the water piping is to receive a placard or attached notice stating the following “This water piping serves as the grounding electrode. Do not Disturb.” Compliance with these guidelines will insure that a safe means of grounding will be provided for these dwellings.