

# REQUIREMENTS FOR WATER SERVICE HOOKUP: (PAGE 1)

- 1) Obtain a permit from the South Tahoe Public Utility District (District) for each connection to the system. No work is to be performed until a permit has been obtained. It is the property owners responsibility to contact USA North (1-800-227-2600) to mark utilities prior to digging. Call the Customer Service office to schedule an inspection – Please, have your APN and/or sewer permit number when calling. No inspection will be scheduled without this information. FOR FIRE LINES ONLY, THE LOCAL FIRE DEPARTMENT MUST INSPECT THE LINE PRIOR TO BURY. THE PROPERTY OWNER IS RESPONSIBLE FOR SCHEDULING THE FIRE INSPECTION
- 2) Type K rigid copper pipe or Polyethylene Class 200 PSI, shall be installed from the District valve to the meter box with any existing nipple being removed from the District valve. An insulated coupling shall be located immediately downstream of the water meter unless the new water service line is non-metallic pipe.
- 3) All water service lines, must use a factory made resetter with a high by-pass.
- 4) The water service line downstream of the meter box shall be constructed of Copper Type L, Copper Type K, Polyethylene Class 200 PSI, or other suitable material approved by the District. For piping requirements at the meter, see Water Meter Installation Detail. Installer may use either #10 or #12 (AWG) insulated solid copper wire for pipe tracer wire. Pipe tracer wire shall be attached to the entire length of water service line from the meter to the structure. Pipe tracer wire not required on metallic pipe.
- 5) The size of the water service line shall be subject to the approval of the District, it shall not be smaller than three-quarter inch (3/4") per single family dwelling.
- 6) Water service lines shall not run or be in the same trench with the building sewer or other drainage piping unless the building sewer drainage piping is of materials approved for use within the building.
- 7) When the building sewer or drainage piping is of materials not approved for use inside a building, the water service line, at all points, shall have a minimum of twenty four inches (24") of separation from the sewer or drainage piping.
- 8) All water service lines shall be a minimum of forty two inches (42") below grade. Water service lines shall be bedded with clean material.
- 9) An individual shut-off valve must be installed outside the building foundation in a permanently accessible location. For easy access in the winter, it is recommended that the valve standpipe be left at least six inches (6") above final grade and capped. The valve must be constructed of brass with non-corrosive working parts. The valve must have a one-quarter (1/4") turn on/off capability with non-mettalic seating properties.
- 10) If an auxiliary water source currently exists on the property, a connection can only be made to the District's water system if the auxiliary water source is properly destroyed or proper backflow protection is installed and maintained per District standards.
- 11) Abandoned auxiliary sources of water must first be verified and approved by the District prior to connection to the District system. If a private well exists, contact the El Dorado County Environmental Management office at: (530) 573-3450. This contact must be made immediately and prior to water service installation.

DATE: MAR 2010
SCALE: NO SCALE
DRAWN: MAM
FILE: STANDARDS
SHEET: G9

## GENERAL NOTES



SOUTH TAHOE PUBLIC UTILITY DISTRICT

Sewer . 1950 . Water A PUBLIC AGENCY  
1275 Meadow Crest Drive South Lake Tahoe, California 96150  
Phone (530) 544-6474 Fax (530) 541-4319  
WWW.STPUD.US

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- 12) If potential for contamination to the District's potable water supply exists (i.e. Auxiliary Water Supply, Hydronic Heating, Boilers, Swimming Pools, Solar Heating Systems, Fire Sprinkler Systems, etc.) An approved Backflow Assembly will be required. Backflow Assembly shall be installed above grade and in the horizontal position. If Assembly is placed outside of the structure, it shall be install between the water meter and the building foundation. If the Assembly is placed inside the structure it shall be installed within twenty four inches (24") of where the water service enters the structure. Backflow Assembly must have freeze protection.
- 12A) Hydronic heating will not require a backflow assembly if it is a "closed loop system" with a "stand alone" reservoir for make-up water. The system must have a Double Wall heat exchanger. All systems must be approved by a District inspector to be exempt from a backflow assembly.
- 13) All Fire Protection Systems require an approved Backflow assembly installed on the Fire Line.
- 14) Backflow Assemblies must be tested, by a District approved certified tester, after initial installation and annually thereafter. Test results need to be sent to the District's Customer Service Department.
- 15) All Water Services, Water Meters and Back Flow Assemblies shall be left exposed and be leak proof under static line pressure until witnessed and inspected. Do not stack water boxes or cover any work until it has been inspected and approved by the District inspector.
- 16) Meter box shall have a minimum of three inch (3") rigid foam insulation placed inside the meter box on top of the meter. No "spray on" type rigid foam insulation will be accepted and rigid insulation shall not be attached to the lid. The meter box lid shall have a centered two inch (2") diameter hole to accommodate the meter reading system.
- 17) When the work is approved, the inspector will notify the property owner verbally or leave an Acceptance Notice at the jobsite. If work is not approved, a Correction Notice will be left at the jobsite. Please call for re-inspection. Excessive re-inspection may be subject to additional inspection fees.
- 18) A second meter inspection will take place approximately two (2) weeks after the initial water service inspection it will include correct installation of boxes, proper insulation and meter tolerances. The Inspector will lock-off the meter if it is not properly installed in the meter box.
- 19) If you have any questions regarding your water service hookup, call the District Inspectors at: (530) 544-6474.
- 20) It is the responsibility of the property owner, developer and/or general contractor to ensure that all work is performed by an appropriately licensed contractor.

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