

**NORTHSTAR COMMUNITY SERVICE DISTRICT
51 TRIMONT LANE TRUCKEE CA. 96161
PHONE 530-562-0669 FAX 530-562-1158**

SUBJECT: House Service Water line installation Ordinance
FROM: Northstar CSD Utilities Department
TO: Contractors building at Northstar
DATE: 2-9-05

1. The excavating season generally runs from April 1st to November 1st depending on weather. Placer County will issue and control grading permits. Northstar CSD in conjunction with Placer County will control contractor provided cleanup on County roadways.
2. Water line for residential house service shall be 1-inch IPS polyethylene plastic rated at 200 PSI or 1-inch type K copper pipe. Pipe larger than 1-inch is allowed only by District review and approval and meets the same specifications.
 - No Copper Tubing Size piping will be accepted.
3. Water meters shall be provided by and installed by the District. Standard meters are 3/4-inch by 3/4-inch. (Standard meters for North Summit Place are 1"X 1"). Meter installation requests greater than standard sizes must be submitted to the District and additional connection fees and user fees paid.
4. MINIMUM pipe cover depth in non-traffic areas is 42". Minimum pipe cover depth in traffic areas is 48-inches. Cover depth is measured from top of pipe set on 6-inch bedding.
5. Bedding material shall be placed around the water line and shall be a minimum of 6-inches under the pipe, 6-inches to either side and 12-inches above the pipe. Water line shall have a 1-foot separation at any point from all other utilities. 3/8-inch minus bedding sand or equivalent material only will be allowed.
6. The water line shall be continuous, without splices, up to 100' from meter box to stop & drain unless pre-approved by the District.
7. The Stop and Drain shall be installed above ground and a 3'x3'x3' hole shall be constructed below the Stop and Drain and filled with pea gravel or drain rock.
8. Upon completion of inspection and approval of service line and bedding sand, the trench may be backfilled. Material used for trench backfill may not contain rocks greater than 3-inches in diameter.
9. A 12 gauge tracing line shall be a non-spliced continuous run from the Stop and Drain to the interior of the meter box and have approximately 24-inches of tag-end. The trace wire shall be connected to the top of the line at 3-foot intervals with nylon tye straps or electrical or duct tape.

10. **A 1-inch union or compression fitting with a reducer shall be used to connect the water box to the house service line.**
11. **Water line shall be properly laid on installed bedding and pressurized, inspected, and approved by a N.C.S.D Utility Inspector prior to installation of ANY side or top cover or placement of back fill material.**
- 11A. **Fire sprinkler line will be visually inspected for proper construction by the N.C.S.D. Utility Inspector. The Northstar Fire Dept. Inspector will visualize the 150-psi pressure test requirement. You must contact the NFD for the inspection.**
12. **The District has an open trench policy of 72-hours maximum. In inclement weather or for safety reasons, a same day open and closed trench policy may be requested. All open trenching and trench work must meet the safety standards set by Federal, State or local standards.**
13. **A Pressure Reducing Valve is required on all commercial and residential service lines. An approved cross-connection control device(s) will be installed on all water systems directly or indirectly connected to the District water system which may include but are not necessarily limited to; hydronic heating systems, re-circulating systems, solar heating units, fire sprinkler systems, pressurized systems of any type and irrigation systems of any type.**
14. **A separation of 10-feet or more between water line and sewer line or constructed as prescribed by District Ordinances are mandatory where applicable. Water line will be installed above the sewer line.**
15. **There shall be no water system design or material changes from those approved by the District without written N.C.S.D. Utility Department approval.**
16. **If the work being done does not meet District standards or approval the work will be classified as FAILED and we will not sign off the Final Inspection until the work meets District approval.**