

Bear Valley Electric Service

P.O. BOX 1547 42020 GARSTIN DR BIG BEAR LAKE, CA. 92315
A Division of Golden State Water Company

Telephone (909) 866-4678
Engineering: Ext. #142
Service Connection & Scheduling: Ext. #161

Minimum Requirements - Permanent Underground Service (Utility Pole)

- A.) **A "Preliminary Service Request" is mandatory** on all new service hook-ups. A BVES Engineering Representative must pre-approve all permanent underground service requests prior to installation when the serving facilities are located on a overhead utility pole. Meter locations and grounding requirements must also be approved contingent upon plot plans and field meets.
- B.) Electrical panel shall be located on an exterior wall, facing, or at an angle to the utility pole, not to exceed 3' from the nearest corner. Location of the panel is subject to approval by a BVES Representative. Always contact BVES to arrange for an electrical spot.
- C.) All facilities including trenching, conduits, and meter equipment, are to be installed by the customer or their contractor. Customer to provide and stage: 2 - 10' x 4" schedule 40 PVC; 1 - 10' x 4" schedule 80 PVC; 10 - 4" two hole straps.
- D.) **All trenches must be inspected by a BVES Representative prior to being back-filled.**
- E.) Permits must be obtained from the following agencies, depending on service location:
 City of Big Bear Lake
 39707 Big Bear Blvd
 Big Bear Lake, CA 92315
 (909) 866-5831
 or: County of San Bernardino
 477 Summit Blvd.
 Big Bear Lake, CA 92315
 (909) 866-0170
- F.) BVES allows a common trench to be used in a permanent URD service. Only phone and cable TV are allowed in the trench.
- G.) Conduit Requirements:
 - 1.) 4" PVC schedule 40 min. up to 100' length for up to 200 amp service.
 - 2.) For meter distances greater than 100' contact a BVES Representative. There will be additional cost to any service over 100'.
 - 4.) All service sweeps are to be 36" radius schedule 80 PVC, not to exceed 2 sweeps per service without approval from BVES Engineering.
 - 5.) Any service panel over 200 amp requires a review by BVES Representative.
 - 6.) Min. of 3/8" nylon pull rope to be installed by builder into all conduits.
 - 7.) Conduit will be one continuous run from meter panel pull section to the point of attachment to the BVES system. NO EXCEPTIONS.
- H.) All trench back-fill must be free of any large rocks with a max diameter of 1/2" or less.
- I.) BVES Grounding Requirements: BVES requires, in addition to NEC, a separate grounding conductor and ground rod. Grounding conductor is to be:
 - 100 Amp - #6 Copper (shielded)
 - 200 Amp - #4 Copper (shielded)

