

**Minimum Requirements -Permanent Overhead Service -  
Cont. ...**

- 3.) Above any walkable surface, (patios, decks, walkable roofs, stairways) a min. of 8' vertical clearance is required.
  - 4.) Min. of 3' radius clearance above the top of doorways.
  - H.) 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)
 For any panel larger than 200 amps, contact a BVES Engineer.
  - I.) Maximum service height to be 23' to the top of the weatherhead - on level terrain. **NOTE:** BVES requires that access to the riser be maintained and any exceptions must be approved by a BVES Representative.
  - J.) Temporary jumpers and meter rings must be removed from service panel. Contact BVES Engineering Department or Operations for any situation that exceeds these requirements.
  - K.) BVES follows the County of San Bernardino specifications for electrical panel interrupting ratings:
    - For: 10,000 Amps AIC - Residential Service:
      - 120/240 Volt - Single Phase
    - 42,000 Amps AIC - Commercial Service:
      - 120/240 Volt - 120/208 Volts 3 Phase
    - 30,000 Amps AIC - Commercial Service:
      - 277/480 Volt 3 Phase
- Please Note:** For service requirements that exceed these standards, please contact a BVES Engineering Representative.

**Guy Bracing Specifications**

If the distance between the riser and utility's pole is..	And....	Then..
Less than 100 ft.	Service mast is 36" or less above the roof.	Guying is <i>not</i> required
Greater than 100 ft.	---	Guying <i>is</i> required

Stiff leg guying is acceptable.

**SERVICE MAST GUYING**

