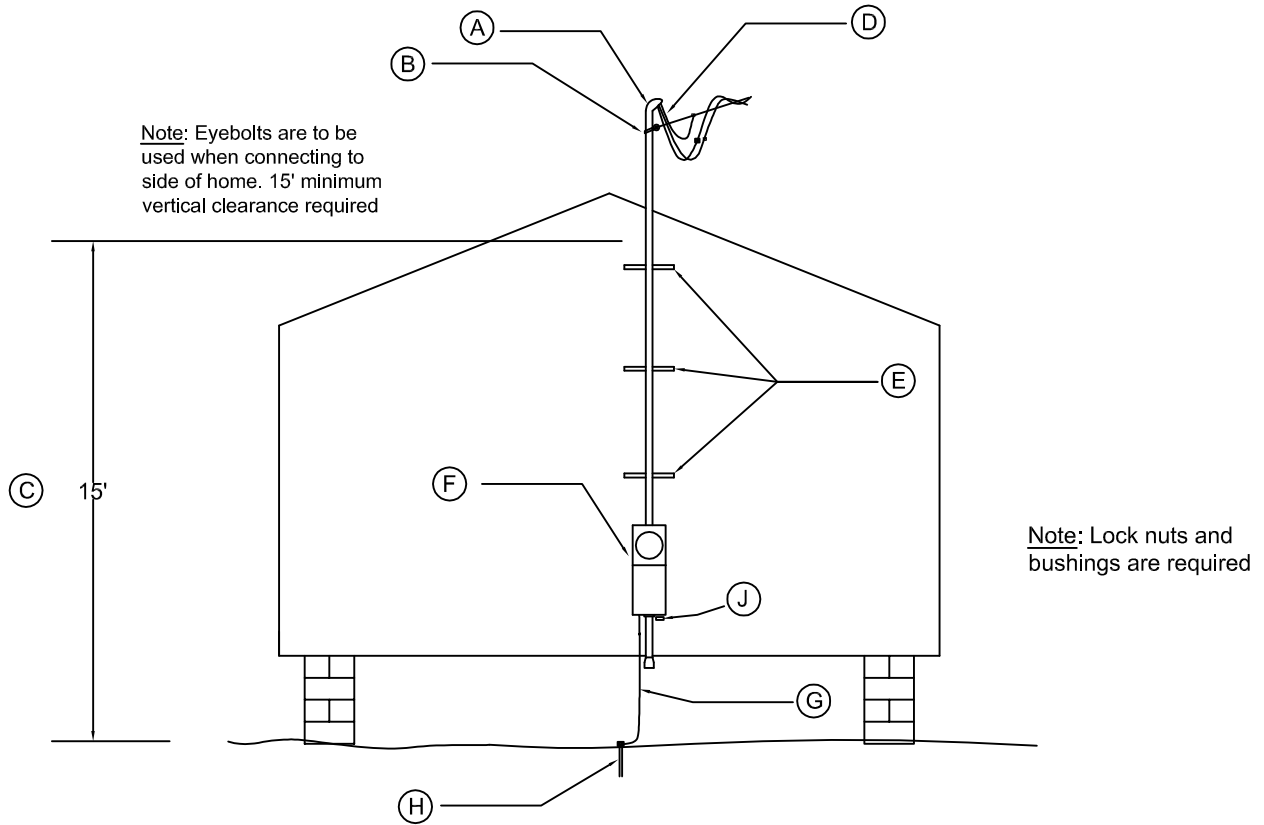


JOHNSON CITY POWER BOARD

OVERHEAD SERVICE MOUNTED TO A SINGLE WIDE MANUFACTURED HOME



Note: This diagram is to be used as a guide only. Some installations may vary. All installations must meet NEC, NESC, and JCPB REQUIREMENTS.

- (A) **Weatherhead:** In most applications on a pitched roof, weatherhead can be no less than 30 inches above the roof and no more than 5 1/2' above roof.
- (B) **Point of Attachment:** The minimum point of attachment is 15 feet above finish grade.
- (C) **Minimum Clearance Requirement:** The following clearances for JCPB service entrance wire shall be provided by the customer:
 - over Roads..... 18 feet
 - Driveway..... 16 feet
- (D) **Customer Service Entrance Wire:** A minimum of 18" must be left extending through the weatherhead. Neutral wire must be white or marked white throughout the service.

Conductor size and insulation to be determined by local electrical inspector.
- (E) **Attachment to the Home:** Rigid metal conduit must be used above the roof. Conduit size must be 2 1/2". Conduit shall be secured with 3 pieces of Kendorf from stud to stud and 3 Kendorf type straps.
- (F) **Meterbase with Disconnect:** Customer must contact JCPB engineering to have meterbase location spotted. JCPB has the right to require relocation of the meter base when customer has not complied with this requirement. Meterbase must be mounted 5 1/2 feet, to the top of the meter base, above finish grade.
- (G) **Ground Wire:** Ground wire must be no smaller than 6 bare copper.
- (H) **Ground Rod:** Ground rod must be 5/8" x 8 feet, galvanized or copper with approved teardrop-type clamp.
- (J) **Bond Bar:** Intersystem bond bar must be installed for phone, cable tv, & satellite.

Johnson City Power Board requires services to be on the ends of home and to be spotted by a JCPB engineer.