NU-91
Updated 2024

Newport Utilities

Guidelines for Overhead Residential and Non-Residential Service 400 amps or less

NOTE: MUST MEET WITH A NU REPRESENTATIVE PRIOR TO ANY INSTALLATION OF EQUIPMENT.

1-1. Weatherhead must be above point of service drop attachment with a minimum height of 12' from final grade.

1-2. The eyebolt must pass through a plate spanning two or more wall studs. The eyebolt must be below and within 18" of weatherhead. Point of service drop attachment will be sufficient height to provide minimum clearances as specified by the National
Electrical Safety Code as determined by NU field engineer.

1-3. Service entrance conductors will extend 36" out of weatherhead.

1-4. Rigid conduit,IMC, or EMT, with rain tight couplings and connectors may be used as service entrance conductor raceway. Service entrance raceways will be fastened through the exterior wall with a minimum of 2 conduit straps; the lower being within 3' of top of meter base. For 200-225 amp service, 2" conduit is required. For 400 amp service, 3" conduit is required.

1-5. Center of meter will be located between 5' to 6' above final grade, on end of house closest to service pole, at a point marked by NU Staking Dept. Meter base will not be located on or under porches, decks, or carports. If service entrance panel is not located in immediate vicinity of meter, a weatherproof disconnect may be required, refer to National Electrical Code.

1-6. A ground wire of no. 4 copper or larger shall be run unspliced from a lug in the meter base to a grounding electrode (per NEC/State of Tennessee requirements).

1-7. Where a mast riser is used, weatherhead will be a minimum of 36" above roof. If weatherhead is more than 42" above roof, a guy wire with eyebolt through rafter is required.

1-8. Service clevis assembly (wedge clamp) will be furnished and installed by NU.

1-9. Service mast will be a minimum of 2" metallic rigid conduit secured with a minimum of 2 mast clamps fastened through the wall with 1/2" clampbolts: the lower being within 3' of meter base. For 200/225 amp service, 2" conduit is required. For 400 amp service, 3" conduit is required.

NOTE: All customer owned facilities must be in compliance with the provisions of this sketch or the National Electrical Code, whichever is more stringent. All wiring must be approved by the state wiring inspector.