

NEWPORT UTILITIES

400 or Less Amp Single Phase Meter Center

TYPICAL 400 AMP OR LESS SINGLE PHASE METER CENTER

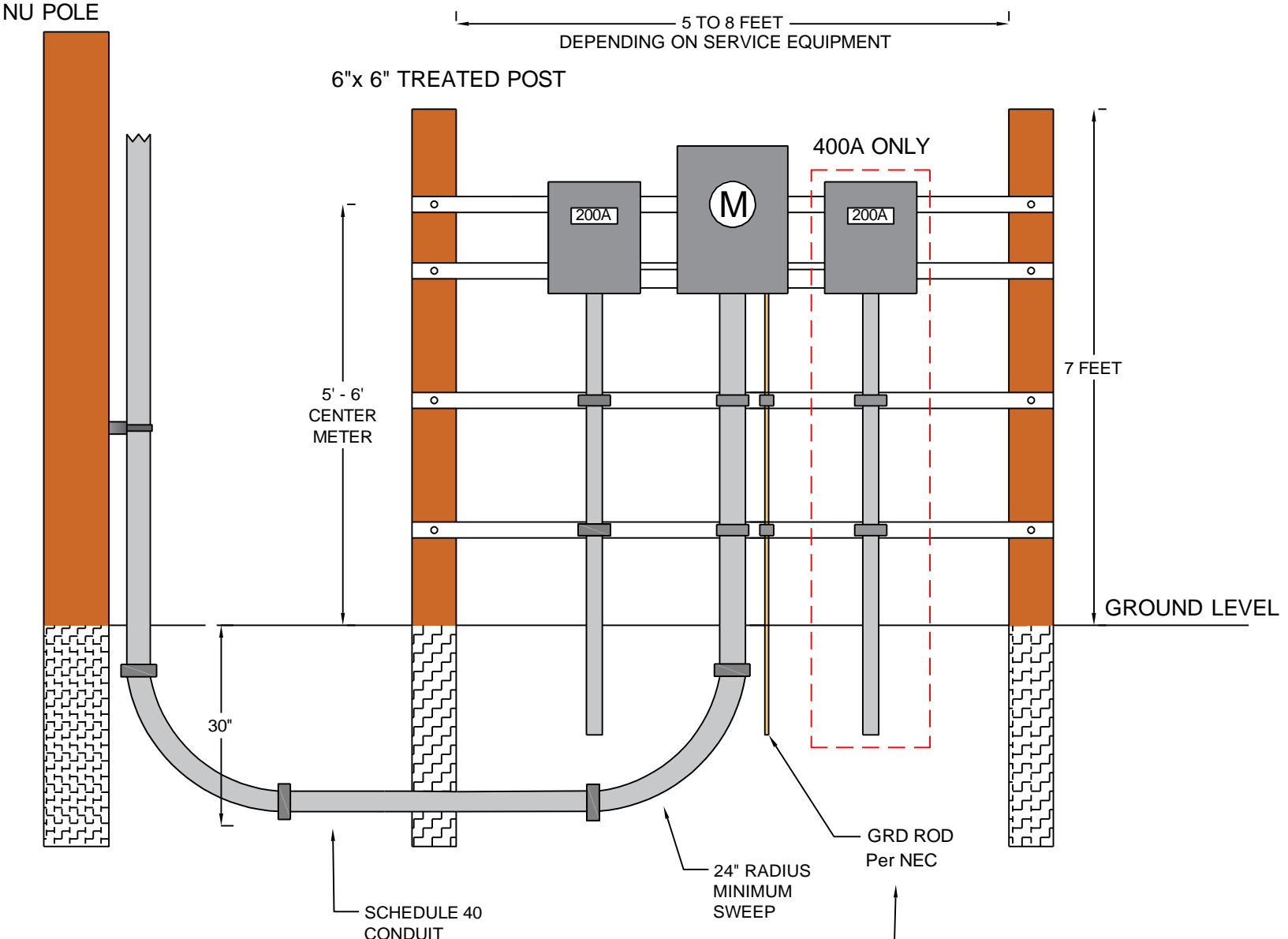
Note: Must meet with NU Staking Dept prior to digging and installation of equipment

1. CUSTOMER RESPONSIBILITIES:

- a.) Customer shall furnish and install first stick of conduit at the pole and provide weatherhead, conduit grounding clamps, and additional conduit as determined by NU Staking Dept Representative. (Conduit length at pole = ___)
- b.) Conduit size shall be 2" conduit with a EL sweep with minimum 24" radius.
- c.) Continuous raceway from transformer shall be scheduled 40 electrical PVC conduit and shall have a minimum depth of 24" at final grade. Maximum length of 250'.
- d.) Support members shall be constructed of 6x6 treated posts or 2" conduit and set 3 feet below final grade. If rigid metal conduit, caps shall require on pole.
- e.) Cross member supports shall be constructed of treated wood or metal unistrut.
- f.) Center of the meter shall be 5' to 6' from final grade.
- g.) Locknuts & grounding bushings required in/at meter base.
- i.) Heating of PVC conduit to make bends is NOT accepted.
- j.) The customer must provide a UL listed meter base appropriate for the intended use and must be approved by the State Electrical Inspector. Location approved by NU Staking Dept.

2. ADDITIONAL NOTES:

- a.) All wiring must meet NEC and local requirements and approved by state electrical inspector.
- b.) Grounding electrode as required per NEC/State of Tennessee requirements. Ground rods must be a minimum of 12" from underground service conduit.
- c.) Ditch to be Inspected by State Electrical Inspector Prior to Covering
- d.) Conduit from weatherhead can only have 2 sweeps.
- e.) Conduit must enter from the bottom of the base.



NOTE: Grounding electrode is required per NEC/State of Tennessee requirements. Ground rods must be a minimum of 12" from underground service conduit.

NU

Revision: 09/24/2024

Issued : _____

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