



NOTES

- (1) Minimum #6 CU ground wire. Connector and rod per NEC article 250. If allowed by local code authority, a wire wrap ground consisting of a minimum of 12' of #6 AWG of larger bare copper extending to the construction service pedestal may be used. A separate copper grounding electrode conductor sized in accordance with NEC table 250-94 must be provided for connection to PNM's transformer.
- (2) Minimum timber size is 4" x 4" grade 2 or better. Structural integrity of timber must meet PNM approval.
- (3) For allowable timber see Treatment Chart.
- (4) The duct must be PVC, IMC, or rigid galvanized. All above ground duct shall be rigid galvanized, schedule 80 PVC or IMC.
- (5) Contact PNM new service representative to assure proper location of the construction service pedestal.
- (6) If transformer is to adjacent to the property to be served, the contractor shall contact customer service for requirements.
- (7) Duct must be buried a minimum of 24" and stubbed into transformer secondary compartment. Arrangement with PNM is necessary to open transformer.
- (8) CAUTION: 2' 6" depth should not be exceeded because of power and telephone cables below. No pole may be located closer than 3' to a transformer or pedestal.
- (9) Weatherproof circuit breaker in accordance with NEC. Street, lot, or space marked on switch box.
- (10) Soil around timbers to be compacted to 90% minimum per ASTM D1556 and 1557.
- (11) Rigid nipple between meter socket and main breaker required.
- (12) Equipment shall be securely attached to support member either bolted directly or mounted to metal channel or unistrut cross members.
- (13) The service wire will be within a continuous unbroken duct run without pullbox from meter base to service attachment.

REFERENCES

- (1) See DM-4-11.0 Maximum Available Fault Currents
- (2) See MS-2-6.0 200A Three-Phase Four-Wire Wye or Delta Meter Socket

Treatment Chart

Type	ACQ	Cresote	CCA	Penta
Requirement	FLP	B	FL	FLP
ACQ	Alkaline Copper Quaternary			
B	Butt brush application (lower 6' of pole)			
FLP	Full length pressure treatment			
FL	Full length hot/cold treatment			
CCA	Copper Chromium Arsenate			
PENTA	Pentachlorophenol			
FLP, Full length pressure treatment ACQ treatment will provide a more durable pole for the customer, and is recommended.				