DISTRIBUTION
STANDARD
PNM

See Note 11

Ground Enclosure
to Pole Ground

See Note 4

Padmount
Transformer

Detail

Secondary
Pedestal

See Note 8

1' MIN

4'- 5' 6"

Leave 48" of tail
for PNM
connection

Knockout

3' MIN

2'

Minimum #6 CU ground wire,
connector and rod per NEC article 250

NOTES

(1) Minimum timber size is 4" x 4".
(2) For allowable timber treatment see chart.
(3) The flexible duct must be 1" minimum to 1 1/4" maximum ID. A reducer and
    washers must be supplied to provide for connection to the 2" knockout in the
    pedestal or transformer. 3/4" flex duct would be acceptable with a 3/4" to 1"
    adapter. Adapter must meet NEC and local code authority.
(4) Customer service shall be contacted to assure proper location of the
    construction service pole. Service poles installed without customer service
    location spot run the risk of not being approved by the PNM inspector.
(5) If a pedestal or transformer is not adjacent to the property to be served, the
    contractor shall contact customer service for requirements.
(6) CAUTION: 2' depth should not be exceeded because of power and
    telephone cables below. No pole may be located closer than 3' to a
    transformer or a pedestal.
(7) If allowed by local code authority, a wire wrap ground consisting of a
    minimum of 12' of #6 AWG or larger bare copper extended to the bottom
    of the construction service pole may be used.
(8) Neutral conductor must be insulated.
(9) Weatherproof circuit breaker in accordance with NEC.
(10) Street, lot, or space marked on switch box.
(11) Anchor unistrut with 5/16" minimum through bolts, socket must be installed
    using manufacturer's mount holes to unistrut. Any open holes must be solidly
    sealed to maintain UL listing.

REFERENCES

(1) See DM-4-11.0 Maximum Available Fault Current
(2) See MS-7-1.0 Underground and Overhead Working Space for Electric Meters

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.

120/240V Underground Temporary Service Pole   DS-4-6.0