



NOTES

- (1) Top of weatherhead shall be 3" below the neutral.
- (2) Preferred riser location to be 45° from the system neutral.
- (3) All above-grade duct shall be rigid galvanized or IMC.
- (4) Customer provides and installs duct, brackets, weatherhead, conductors, pole ground assembly, meter base(s) and all minor fittings.
- (5) Riser bracket assembly must have provisions for grounding by customer. Customer must extend the pole ground wire 5' and coil it for system neutral connection.
- (6) Service lateral conductors type and size in accordance with national electrical code NEC.
- (7) Customer is responsible for acquisition of required permits, right-of-way, and maintenance of customer-owned service.
- (8) PNM recommends use of ruggedized service cable or duct.
- (9) Customer is responsible for all meter base terminations.
- (10) Customer address must be permanently applied to riser.
- (11) PNM will inspect the customer installations including pole ground assembly before energizing the service.
- (12) Per National Electric Code (NEC), underground installation requirement.
- (13) If the customer chooses to use conduit, 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 DS-4-5.0 Underground Service Entrance System
- (3) See DS-18-20.0 Ground Assembly
- (4) See DS-18-22.0 Universal Support Bracket
- (5) See MS-2-2.0 120/240V 125/200A Permanent Overhead and Underground Single-Phase Meter Socket

Pole ground assembly to be provided and installed by customer if it's not available. (See Reference 3)

Material List

Item	Quan.	Description	Stock #
A	1	___ Clamp Type Weatherhead	
B	30'	___ Galvanized Duct	
C	2	___ Universal Support Bracket	DS-18-22.0
D	2	___ Pipe Strap Kit	
E	1	___ Galvanized Elbow	
F	4	5/8" x ___ Machine Bolt	DS-18-25.0
J	1	___ Galvanized Coupling	
K	3	___ Line Tap	DS-18-99.0
L	2	#10 - #2 Ground Lug	5935-236942
M	1	___ Ground Assembly	DS-18-20.0
N	1	___ Plastic Bushing	

Underground Residential Customer-Owned Service

DS-4-9.0