



**NOTES**

- (1) Top of weatherhead shall be 3" below the neutral. Each conductor phase will be identified at the weatherhead using band-wraps of electrical tape: one band for phase one, two bands for phase two, and three bands for phase-three. White tape is suitable for neutral conductors only.
- (2) Only the bottom riser bracket be bonded to the ground rod.
- (3) Preferred riser location to be 45° from the system neutral.
- (4) All above-grade duct shall be rigid galvanized or IMC. Customer duct are limited to 5" diameter. Two ducts maximum.
- (5) All underground duct except type DB PVC, schedule 40 PVC, rigid galvanized or IMC must be concrete encased.
- (6) Customer provides and installs: duct, brackets, weatherhead, conductors, meter base(s) and all minor fittings.
- (7) Customer address must be permanently applied to riser.
- (8) PNM will inspect the customer installations including pole ground assembly before energizing the service.
- (9) Per National Electric Code (NEC), underground installation requirement.
- (10) The service wire will be within a continuous unbroken duct run without pullbox from meter base to service attachment.
- (11) Customer's contractor working near any PNM lines are responsible for adhering to all applicable regulations and codes; including but not limited to the NESC, OSHA and the NEC.

**REFERENCES**

- (1) See DM-4-11.0 Maximum Available Fault Currents
- (2) See DS-18-20.0 Ground Assembly
- (3) See DS-18-21.0 Fiberglass Crossarm Grounding
- (4) See DS-18-22.0 Universal Support Bracket

Material List			
Item	Quan.	Description	Stock #
A	1	Weatherhead	5975-
B	30'	Galvanized or IMC Duct	5975-
C	2	Universal Support Bracket	DS-18-22.0
D	2	Pipe Strap Kit	5975-
E	1	Galvanized Elbow	5975-
F	4	5/8" x Machine Bolt	DS-18-25.0
J	1	Galvanized Coupling	5975-
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	Fiberglass Crossarm Grounding	DS-18-21.0

**Underground Commercial Customer - Owned Service**

DS-4-9.5