POLE MOUNTED PERMANENT METER LOOP FOR OVERHEAD SERVICE

TOP OF POLE 12 FT. ABOVE GROUND LINE MINIMUM

WEATHERHEAD

3 CONDUCTORS - LEAVE 18" TAILS

5' CONDUIT (1" - 2" DEPENDING ON CONDUCTOR SIZE) LARGER CONDUCTOR REQUIRES LARGER CONDUIT

CONDUIT STRAPS

MINIMUM POLE SIZE IS 16 FEET IN LENGTH, APPROX. 6" DIAMETER TOP (NO 4 X 4 POSTS) ROUND TREATED POLE ONLY

CONDUIT CONNECTOR AND HUB

METER BASE (6' ABOVE GROUND LINE)

GALVANIZED STEEL NIPPLE, LOCKRINGS, PLASTIC BUSHING

WEATHERPROOF SWITCHBOX WITH MAIN BREAKER OR FUSED DISCONNECT. NOTE: BOX BOND SCREW OR STRAP MUST BE INSTALLED IN SWITCHBOX.

#6 COPPER SOLID GROUND WIRE - CONNECTED TO SWITCH BOX AND GROUND ROD.

GROUND ROD CLAMP

GROUND ROD GALVANIZED OR COPPER COATED

NOTE: GROUND ROD MUST BE 8 FT IN LENGTH AND 5/8" IN DIAMETER AND MUST BE DRIVEN FULLY INTO THE GROUND.

GROUND LINE

CONDUCTORS ALLOWED
#3 MINIMUM - 100 AMP SERVICE
#2 MINIMUM - 125 AMP SERVICE
#1/0 MINIMUM - 150 AMP SERVICE
#2/0 MINIMUM - 200 AMP SERVICE
#3/0 MINIMUM - 225 AMP SERVICE

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MINIMUM SPECIFICATIONS FOR POLE MOUNTED PERMANENT OVERHEAD METER LOOPS

1. A round preservative treated pole 16 ft. in length installed no closer than 30 ft. from a Co-op pole. Pole should be 6 inch in diameter. No 4 x 4's allowed.

2. Pole to be set 4 feet deep in ground and have 12 feet clearance at the top of pole.

3. All disconnects, boxes, plugs, etc. must be weatherproof type.

4. Breakers and fuses will be the correct size according to the size conductor used, per National Electric Code.

5. Conduit may be rigid galvanized or EMT with weatherproof fittings. No plastic conduit will be allowed above the breaker box or main disconnect.

6. Leave approx. 18 inches of wire out of the weatherhead for the Co-op to make connections.

7. Meter base must be mounted 6 feet above ground level.

8. Ground rod must be copper or galvanized coated, at least 8 feet in length and connected with an approved clamp to a minimum of #6 bare copper ground wire.

9. One permanent service meter base will be furnished by the Co-op and may be picked up by the customer during regular office hours, M-F, 8:00 AM to 5:00 PM.

10. All wiring on the meter pole is the responsibility of the customer, both from the standpoint of the installation and maintenance.

11. Co-op personnel are not allowed to work on the customer's meter pole or wiring. Any unsafe wiring found will not be connected until it has been corrected by the customer.

12. See drawing on the front of this sheet for an example of a typical meter pole.

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