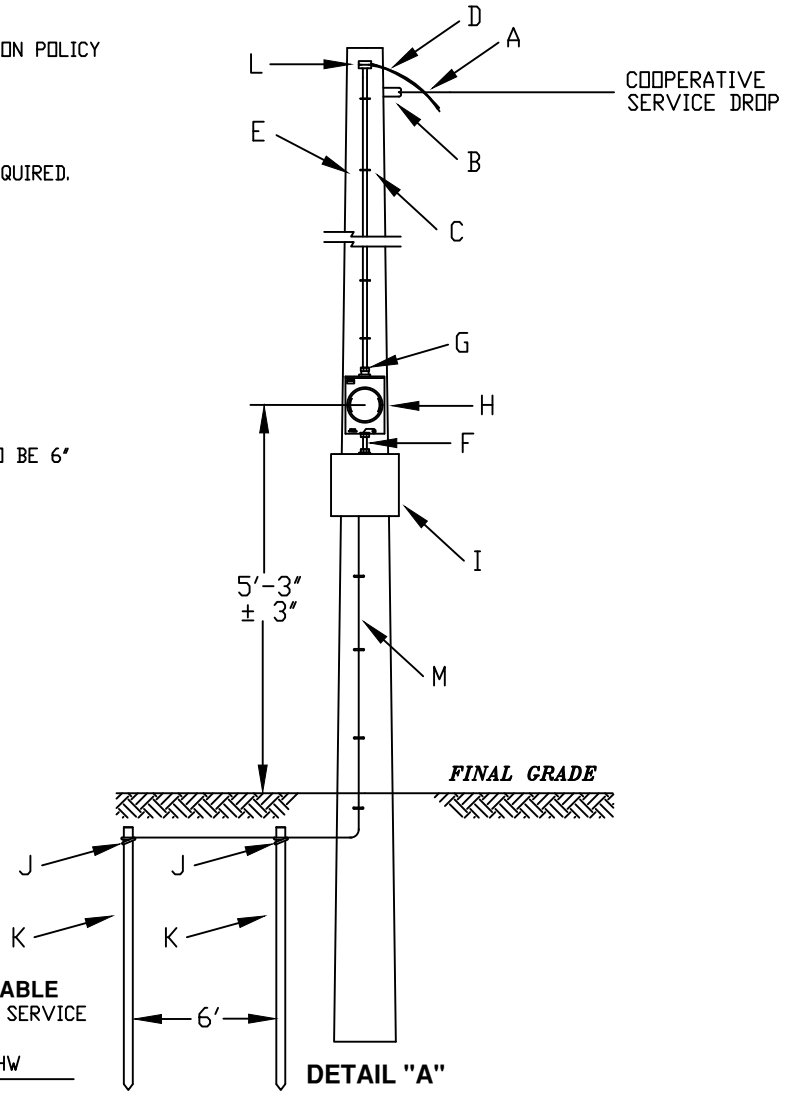
MOBILE HOME OR CENTRAL METER POLE SERVICE
SINGLE PHASE, 120/240 VOLTS, THREE WIRE, 100 AMP. MINIMUM

GENERAL NOTES

1. ALL SERVICE ENTRANCE EQUIPMENT TO BE INSTALLED ON POLE BY MEMBER.
2. COOPERATIVE WILL SUPPLY THE POLE AND INSTALL SERVICE WIRE ACCORDING TO THE LINE EXTENSION POLICY FROM TRANSFORMER POLE TO METER POLE.
3. COOPERATIVE SUPPLIED MATERIAL REMAINS PROPERTY OF COOPERATIVE.
4. ALL WIRING TO BE IN ACCORDANCE WITH NATIONAL ELECTRIC CODE.
5. FINAL CONNECT IS SUBJECT TO WIRING INSPECTION FROM LOCAL GOVERMENTAL AUTHORITY WHERE REQUIRED.
6. DRIVEN GROUND RODS MAY BE: 5/8 INCH BY 8 FEET COPPERCLAD ROD, OR 5/8 INCH BY 8 FEET SOLID GALVANIZED ROD, INSTALLED 1 FOOT BELOW GROUND LEVEL.
7. THE SERVICE GROUNDING CONDUCTOR (BARE COPPER WIRE) SHALL BE CONTINUOUS AND TIED TO THE NEUTRAL CONDUCTOR IN THE MAIN SERVICE PANEL, NOT IN OR ROUTED THROUGH THE METER SOCKET.
8. ALUMINUM ELECTRICAL JOINT COMPOUND SHALL BE APPLIED TO ALL ALUMINUM CONDUCTORS BEFORE INSTALLING IN TERMINALS OF METER BASE. AS PER N.E.C CODE
9. COOPERATIVE TO DETERMINE POLE LOCATION.
10. MEMBER IS TO PROVIDE UL APPROVED METER BASE.
11. WEATHERHEAD TO BE MOUNTED 3" INCHES FROM THE TOP OF THE POLE. COOPERATIVE ATTACHMENT TO BE 6" INCHES BELOW WEATHERHEAD.
12. ALL WIRING ACCORDING TO NEC

DETAIL "A" NOTES

- (A) COOPERATIVE WILL MAKE CONNECTION BETWEEN MEMBER SERVICE ENTRANCE CABLE AND COOPERATIVE SERVICE LINE.
- (B) FIBERGLAS WIREHOLDER (COOP. SUPPLIED)
- (C) CLAMPS (NO MORE THAN 12" INCHES FROM BOTTOM OF WEATHERHEAD AND NO MORE THAN 12" FROM TOP OF METER BASE.) AT MIN. 30" SPACING
- (D) SERVICE ENTRANCE CABLE ALLOW 3' FEET OF EXTRA WIRE AT TOP OF POLE
- (E) SERVICE POLE (COOP. SUPPLIED)
- (F) CONDUIT OR ENTRANCE CABLE BETWEEN METER BASE AND SERVICE DISCONNECT.
- (G) WEATHER PROOF BOX CONNECTIONS (ALL MATERIAL MUST BE MOUNTED ON SAME SIDE OF POLE)
- (H) METER BASE IS SUPPLIED BY THE MEMBER AND APPROVED BY THE COOPERATIVE
- (I) WEATHER PROOF SERVICE DISCONNECT EQUIPMENT UL APPROVED WITH FUSED DISCONNECT SWITH OR BREAKER.
- (J) GROUND CLAMP
- (K) 2 x GROUND ROD x 8 FEET DEEP. 6 FOOT SEPARATION SEE NOTE 6
- (L) WEATHERHEAD
- (M) GROUND WIRE - STAPELED TO POLE EVERY 4" INCHES.



DETAIL "A"

SERVICE ENTRANCE WIRE SIZE TABLE

THREE-WIRE-SINGLE PHASE,RESIDENTIAL SERVICE
CONDUCTOR TYPES AND SIZES
RH-RHH-RHW-THW-THWN-THHN-XHHW

BARE COPPER GROUND WIRE	COPPER	ALUMINUM AND COPPER-CLAD AL.	SERVICE IN AMPERES
	AWG	AWG	
6	4	2	100
4	3/0	4/0	200

CALL: OHIO UTILITIES PROTECTION SERVICE BEFORE YOU DIG. 1-800-362-2764

DATE: 9/9/21
CHK BY: JEF
DWN BY: JME
SCALE:
NOTES:

METER POLE INSTALLATION

the ENERGY cooperative