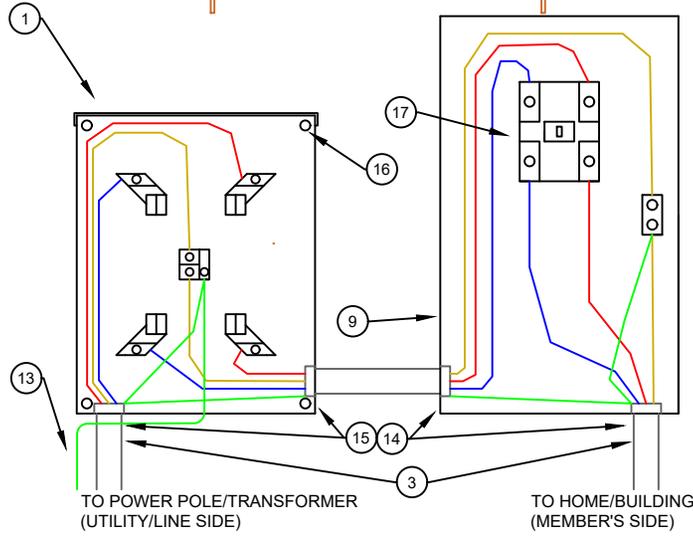


STAPLE GROUND CONDUCTOR TO POST OR ENCLOSE IN 1/2" PVC CONDUIT UNTIL 18" BELOW GRADE

**NOTES:**

- A. SECURE METER BASE FIRMLY TO STRUCTURE
- B. MEMBER WILL INSTALL CONDUCTOR AND CONDUIT BETWEEN METER BASE AND MAIN BREAKER
- C. IF ALUMINUM CONDUCTOR IS USED, APPLY CORROSION INHIBITOR TO ALL CONNECTIONS
- D. ALL WORK SHALL BE DONE IN ACCORDANCE TO THE NATIONAL, STATE, OR LOCAL ELECTRICAL CODES
- E. CO-OP WILL INSTALL LINE SIDE CONDUCTORS IN METER BASE
- F. ALWAYS USE RIGHT OR LEFT KNOCKOUT FOR CO-OP CONDUIT, NEVER USE CENTER KNOCKOUT
- G. ALL CONDUCTORS FROM THE METER BASE TO THE MAIN DISCONNECT SHALL BE IN CONDUIT
- H. BONDING BUSHINGS NOT REQUIRED IF USING PVC CONDUIT BETWEEN DISCONNECT AND METER BASE

REFERENCE NUMBER	DESCRIPTION	QUANTITY	SIZE
1	METER BASE	1	FURNISHED BY COOP
2	EXPANSION SLEEVE	1	FURNISHED BY COOP
3	CONDUIT RIGID OR SCHEDULE 40 PVC	12 FT	2-1/2"
4	CONDUCTOR	AS REQUIRED	2/0 COPPER
	OPTIONAL (ALUMINUM)	AS REQUIRED	4/0 ALUMINUM
5	CONDUIT STRAP	4	2-1/2"
6	LAG SCREW	4	AS REQUIRED
7	COPPER GROUND ROD	1	5/8" X 8'
8	GROUND ROD CLAMP	1	5/8"
9	WEATHERPROOF DISCONNECT	1	200 AMP
10	TREATED LUMBER OR ALUMINUM STRUT	AS REQUIRED	AS REQUIRED
11	TREATED 4X4 POST OR ALUMINUM POSTS	2	8'
12	BUSHING, INSULATING	2	2-1/2"
13	GROUND CONDUCTOR	AS REQUIRED	#4 COPPER
14	BUSHING, BONDING TYPE	4	2-1/2"
15	GALVANIZED LOCKNUT	8	2-1/2"
16	SCREWS	8	AS REQUIRED
17	MAIN BREAKER OR FUSE	1	200 AMP



**200 AMP UNDERGROUND SERVICE  
METER ON PEDESTAL  
TRI-COUNTY ELECTRIC COOPERATIVE**

<b>Date:</b> 1/16/2023	<b>Drawn By:</b> MVB	<b>Reviewed By:</b> ENG DEPT
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