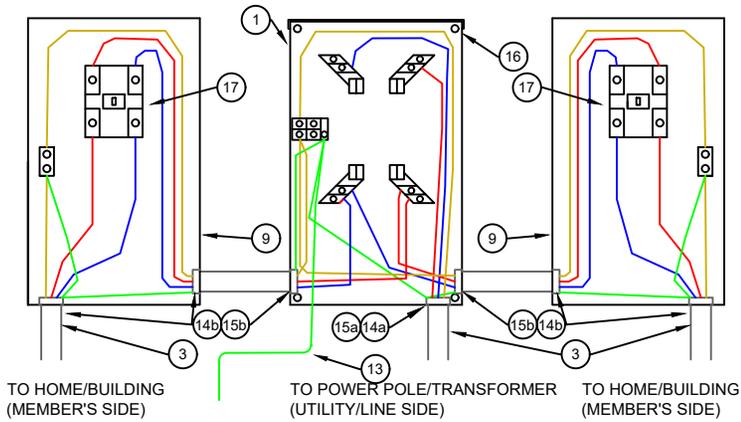


STAPLE GROUND CONDUCTOR TO POST OR ENCLOSE IN 1/2" PVC CONDUIT UNTIL 18" BELOW GRADE

NOTES:

- A. SECURE METER BASE FIRMLY TO STRUCTURE
- B. ALL CONDUCTORS FROM THE METER BASE TO THE MAIN DISCONNECTS SHALL BE IN CONDUIT, AND INSTALLED BY MEMBER
- 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 KNOCKOUT FOR CO-OP CONDUIT
- G. PARALLEL CONDUCTORS MUST BE CUT TO EQUAL LENGTHS
- 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
3a	CONDUIT RIGID OR SCHEDULE 40 PVC	6 FT	3"
3b	CONDUIT RIGID OR SCHEDULE 40 PVC	12 FT	2 1/2"
4a	CONDUCTOR	AS REQUIRED	(2) 2/0 COPPER
4b	OPTIONAL (ALUMINUM)	AS REQUIRED	(2) 4/0 ALUMINUM
5a	CONDUIT STRAP	2	3"
5b	CONDUIT STRAP	4	2 1/2"
6	LAG SCREW	12	AS REQUIRED
7	COPPER GROUND ROD	1	5/8" X 8'
8	GROUND ROD CLAMP	1	5/8"
9	WEATHERPROOF DISCONNECT	2	200 AMP
10	TREATED LUMBER OR ALUMINUM STRUT	AS REQUIRED	AS REQUIRED
11	TREATED 4X4 POST OR ALUMINUM POSTS	2	8'
12	BUSHING, INSULATING	1	3"
13	GROUND CONDUCTOR	AS REQUIRED	1/0 COPPER
14a	BUSHING, BONDING TYPE	1	3"
14b	BUSHING, BONDING TYPE	6	2 1/2"
15a	GALVANIZED LOCKNUT	1	3"
15b	GALVANIZED LOCKNUT	6	2 1/2"
16	SCREWS	8	AS REQUIRED
17	MAIN BREAKER OR FUSE	2	200 AMP
18	CONDUIT NIPPLE	2	2 1/2"



**400 AMP UNDERGROUND SERVICE
METER ON PEDESTAL (2) 200A DISCONNECTS
TRI-COUNTY ELECTRIC COOPERATIVE**

Date: 1/18/2023	Drawn By: MVB	Reviewed By: ENG DEPT
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