

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

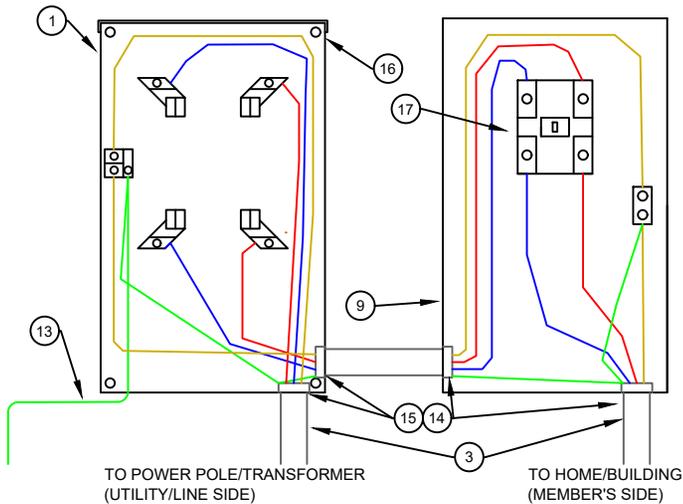
FINAL GRADE

TO POWER POLE/TRANSFORMER (UTILITY/LINE SIDE)

TO HOME/BUILDING (MEMBER'S SIDE)

NOTES:

- A. SECURE METER BASE FIRMLY TO STRUCTURE
- B. ALL CONDUCTORS FROM THE METER BASE TO THE MAIN DISCONNECT 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
- I. DISCONNECT MAY BE MOUNTED ON EITHER SIDE OF METER BASE



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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	3"
4	CONDUCTOR	AS REQUIRED	250 MCM COPPER
	OPTIONAL (ALUMINUM)	AS REQUIRED	500 MCM ALUMINUM
	OPTIONAL (COPPER)	AS REQUIRED	(2) 3/0 COPPER
	OPTIONAL (ALUMINUM)	AS REQUIRED	(2) 4/0 ALUMINUM
5	CONDUIT STRAP	4	3"
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	1	400 AMP
10	TREATED LUMBER OR ALUMINUM STRUT	AS REQUIRED	AS REQUIRED
11	TREATED 4X4 POST OR ALUMINUM POSTS	2	8'
12	BUSHING, INSULATING	2	3"
13	GROUND CONDUCTOR	AS REQUIRED	1/0 COPPER
14	BUSHING, BONDING TYPE	4	3"
15	GALVANIZED LOCKNUT	8	3"
16	SCREWS	8	AS REQUIRED
17	MAIN BREAKER OR FUSE	1	400 AMP
18	CONDUIT NIPPLE	1	3"

**400 AMP UNDERGROUND SERVICE
METER ON PEDESTAL SINGLE DISCONNECT
TRI-COUNTY ELECTRIC COOPERATIVE**

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