



MEMBER INSTALLED GROUND WIRE, 5/8" X8'-0" COPPER-CLAD GROUND ROD INSTALLED FLUSH OR SLIGHTLY BELOW GRADE, AND CLAMP REQUIRED. SIZE PER NEC

NOTES

1. ALL WORK SHALL COMPLY WITH COOPERATIVE STANDARDS, THE CURRENT EDITION OF THE NATIONAL ELECTRIC CODE, AND AUTHORITIES HAVING JURISDICTION.
2. THIS SERVICE SHALL BE INSTALLED AT A LOCATION MUTUALLY AGREED UPON BY THE MEMBER AND THE COOPERATIVE. THE LOCATION SHALL BE READILY ACCESSIBLY AT ALL TIMES TO THE COOPERATIVE.
3. CT CABINET AND METER BASE ARE PROVIDED BY AVECC, INSTALLED AND MAINTAINED BY THE MEMBER.
4. CT TRANSFORMERS AND METER ARE PROVIDED AND INSTALLED BY AVECC.
5. SERVICE ENTRANCE CONDUCTOR TAILS SHALL EXTEND A MINIMUM OF 36 INCHES INSIDE CT CABINET. TERMINATIONS ARE BY AVECC.
6. THE CT CABINET, METER SOCKET, AND ALL ASSOCIATED CONDUITS AND EQUIPMENT SHALL BE SECURELY MOUNTED TO THE BUILDING WALL USING LAG BOLTS, MASONRY ANCHORS, OR SIMILAR HARDWARE(PLASTIC ANCHORS ARE NOT ACCEPTABLE).
7. THE COOPERATIVE RECOMMENDS THAT THE DISCONNECT SWITCH BE MOUNTED OUTSIDE WITHIN 36" OF THE CT CABINET. CONTACT THE LOCAL AUTHORITIES HAVING JURISDICTION FOR ACTUAL REQUIREMENTS.
8. ALL CONDUITS SHALL BE ELECTRICAL GRADE SCHEDULE 40 PVC, EMT, IMC, OR RMC. MAST(S) THROUGH ATTIC AND ABOVE ROOF LINE SHALL BE RMC; ADDITIONAL BRACING MAY BE REQUIRED TO SUPPORT THE WEIGHT OF THE SERVICE DROP CONDUCTORS.ALL CONDUIT CONNECTIONS SHALL BE RAINTIGHT.
9. ALL ENCLOSURES SHALL BE GROUNDED AND BONDED PER NEC REQUIREMENTS.
10. CONTACT COOPERATIVE TO DETERMINE PLACEMENT OF CONDUIT/CONDUCTOR SYSTEM TO THE COOPERATIVE'S FACILITIES.
11. BUILDING ATTACHMENT POINT MUST BE A MINIMUM 1/2" GRADE 5 GALVANIZED STEEL EYEBOLT SECURELY FASTENED TO BUILDING BY THE MEMBER. A MAST MAY BE REQUIRED TO PROVIDE ADEQUATE ATTACHMENT HEIGHT.

NOTICE

THIS DRAWING ILLUSTRATES AVECC REQUIREMENTS ONLY, AND IS NOT INTENDED TO BE A COMPREHENSIVE GUIDE FOR THE INSTALLATION OF AN ELECTRICAL SERVICE. TO INSURE A SAFE, QUALITY INSTALLATION THAT COMPLIES WITH THE NATIONAL ELECTRICAL CODE, AND LOCAL CODE REQUIREMENTS; THE COOPERATIVE RECOMMENDS THAT ALL WORK BE DONE BY A QUALIFIED, LICENSED ELECTRICAL CONTRACTOR.



ARKANSAS VALLEY ELECTRIC COOPERATIVE COOPERATION

TITLE		
BUILDING MOUNTED CT CABINET FOR OVERHEAD SERVICE RATED ABOVE 320A		
DWG#: SPEC-000016	DATE: 06.19.17	SCALE: NTS
DRAWN BY: JDC	REV: 0	REV. DATE: N/A