MINIMUM 3'-0" TAIL LENGTH
ON SERVICE WIRE, COLOR
CODED PER NEC

6" MIN. - 20' MAX.

CT CABINET

6" MIN.

METER BASE

SERVICE DISCONNECT REQUIRED. SERVICE ENTRANCE RATED SEE NOTE 6

NO EQUIPMENT SHALL BE MOUNTED UNDER METER LOCATION

MINIMUM 1" CONDUIT

5' MIN - 6' MAX

HIGH LEG FOR DELTA SERVICE PHASE "C"

MAKE AN ARKANSAS ONE CALL 48 HOURS BEFORE YOU DIG DIAL 1-800-482-8998

BOND TO ENCLOSURE SEE NOTE 8

IT SHALL BE A MEMBER'S RESPONSIBILITY TO STAY CLEAR OF ALL UNDERGROUND FACILITIES

MEMBER/ELECTRICIAN PROVIDES & INSTALLS PVC SCHEDULE 80 RISER AND SWEEPING ELBOW SIZED PER COOPERATIVE AND SERVICE SIZE

2' MIN.-6' MAX. TO CENTERLINE OF CABINET

24" MIN. TO TOP OF CONDUIT TRENCH 12" WIDE DITCHWITCH NOT ALLOWED

TO AVECC SOURCE

SCHEDULE 80 PVC ELBOW REQUIRED

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. ALL MATERIAL, EXCEPT INSTRUMENT TRANSFORMERS, METER, METER SOCKET, AND METERING CONDUCTORS; ARE TO BE FURNISHED, INSTALLED, AND MAINTAINED BY THE MEMBER.
4. INSTRUMENT TRANSFORMERS, CT CABINET, AND METER SOCKET ARE FURNISHED BY THE COOPERATIVE AND INSTALLED BY THE MEMBER/ELECTRICIAN.
5. 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).
6. 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.
7. ALL ABOVE GROUND CONDUITS SHALL BE ELECTRICAL GRADE SCHEDULE 40 PVC, EMT, IMC, OR RMC. ALL CONDUIT CONNECTIONS SHALL BE RAINTIGHT. ALL UNDERGROUND ELBOWS AND RISER SHALL BE SCHEDULE 80 PVC.
8. ALL ENCLOSURES SHALL BE GROUNDED AND BONDED PER NEC REQUIREMENTS.
9. CONTACT COOPERATIVE TO DETERMINE PLACEMENT OF CONDUIT SYSTEM TO THE COOPERATIVE'S FACILITIES. MEMBER IS REQUIRED TO OPEN AND CLOSE SERVICE TRENCH, MINIMUM OF 12" WIDE. NO DITCHWITCH ALLOWED.

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 UNDERGROUND SERVICE RATED ABOVE 320A

DWG#: SPEC-0000015	DATE: 06.19.17	SCALE: NTS
DRAWN BY:JDC	REV: 0	REV. DATE:N/A