



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

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

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.

NOTES

1. AVECC RECOMMENDS THAT A LICENSED ELECTRICIAN INSTALLS TRANSFER SWITCH AND GENERATOR PER NEC CODE AND LOCAL ORDINANCES.
2. MANUAL TRANSFER SWITCH SHALL BE CONSTRUCTED IN A MANNER THAT DOES NOT ALLOW UTILITY POWER AND GENERATOR POWER TO BE TIED TOGETHER AT ANY GIVEN TIME.
3. MULTIPLE CIRCUIT BREAKERS/FUSED DISCONNECTS CAN BE CONNECTED AFTER THE TRANSFER SWITCH, SO LONG AS THE SUM OF THE BREAKER INTERRUPTING CURRENT OF EACH BREAKER/FUSED DISCONNECT DOES NOT EXCEED THE MANUAL TRANSFER SWITCH RATING OR THE ELECTRIC SERVICE SIZE.
4. REFER TO DRAWINGS SPEC-000001 THROUGH SPEC-0000017 FOR INCOMING SERVICE REQUIREMENTS, AVECC SUPPLIED EQUIPMENT & SERVICES, MEMBER REQUIRED EQUIPMENT & SERVICES, DITCH REQUIREMENTS, ETC.
5. WHERE PANELS AND EQUIPMENT ARE NOT MOUNTED ON BUILDING STRUCTURE, REFER TO DRAWINGS SPEC-0000011 & SPEC-0000012 FOR RACK MATERIAL AND INSTALLATION REQUIREMENTS. ALLOW ADEQUATE ROOM ON RACK FOR ALL EQUIPMENT/PANELS NECESSARY.
6. ALL EXTERIOR PANELS ARE TO BE RATED NO LESS THAN NEMA 3R.
7. WHERE MANUAL TRANSFER SWITCH CLEARLY STATES ON A MANUFACTURER'S LABEL ATTACHED TO TRANSFER SWITCH ENCLOSURE THAT THE SWITCH HAS BOTH OVER CURRENT PROTECTION RATED FOR THE FULL LOAD ELECTRICAL SERVICE AND IS SERVICE ENTRANCE RATED, THEN SERVICE ENTRANCE RATED BREAKER/FUSED DISCONNECT AHEAD OF TRANSFER SWITCH SHOWN ABOVE IS NOT REQUIRED. OTHERWISE, SERVICE ENTRANCE BREAKER/FUSED DISCONNECT MUST BE INSTALLED PRIOR TO AVECC CONNECTING ELECTRICAL SERVICE TO METER.
8. PROTECTIVE BUSHINGS REQUIRED ON ALL CONDUITS.
9. NO WIRING GUTTERS OR TROUGHS WILL BE ALLOWED ON THE OUTSIDE OF THE BUILDING.



**ARKANSAS VALLEY ELECTRIC
COOPERATIVE COOPERATION**

TITLE
400A STANDBY GENERATOR,
COMPLETE SERVICE
MANUAL TRANSFER SWITCH

DWG#: SPEC-0000023	DATE: 12.08.2017	SCALE: NTS
DRAWN BY: JDC	REV: 0	REV. DATE: N/A