



MEMBER'S METERED CONDUCTORS TO EXTEND A MINIMUM OF 2'-0" OUT OF WEATHERHEAD. NEUTRAL MUST BE CLEARLY MARKED. HIGH LEG, IF PRESENT, MUST BE CLEARLY MARKED WITH ORANGE TAPE.

CO-OP SERVICE DROP.

18"
SEE NOTE #8

C.T.S AND RACK FURNISHED AND INSTALLED BY CO-OP.

OMIT BOTTOM C.T. FOR SINGLE PHASE INSTALLATION.

RIGID METALIC CONDUIT AND WEATHERHEAD FURNISHED AND INSTALLED BY CO-OP.

16'-0" MIN. ABOVE DRIVEWAY
SEE NOTE 1.

MEMBER'S METERED CONDUCTORS IN CONDUIT.

MOUNTING SUPPORTS SHALL SUFFICIENTLY SUPPORT THE RACEWAY. (NEC 230.51)

INSTRUMENT RATED METER SOCKET FURNISHED BY CO-OP. CO-OP WILL INSTALL ON POLE.

5 TO 6 FT.

THE MEMBER SHALL SECURE GROUNDING CONDUCTOR.

GROUNDING CONDUCTOR SHALL BE #6 BARE COPPER, UNLESS A LARGER CONDUCTOR IS REQUIRED BY THE NATIONAL ELECTRICAL CODE. (TABLE 250.66)

APPROVED SOLID BRASS GROUND CLAMP, INSTALLED AND MAINTAINED BY MEMBER, SHALL BE ATTACHED TO AN APPROVED GROUNDING ELECTRODE AND BONDED TO METALLIC WATER PIPING SYSTEM. (NEC 250.52)

NEC APPROVED GROUND ROD (NEC 250.52) WHICH MEETS REQUIREMENTS OF NEC 250.56.

NOTES

1. THE MINIMUM HEIGHT OF A SERVICE DROP ACROSS A DRIVEWAY IS 16'-0", UNLESS THE HEIGHT OF THE BUILDING OR OTHER INSTALLATION DOES NOT PERMIT SERVICE DROPS TO MEET THIS VALUE. THE CLEARANCE OVER RESIDENTIAL DRIVEWAYS ONLY MAY BE REDUCED TO 12'-6" (NESC TABLE 232-1 EXCEPTION 7 (a)).
2. CO-OP SHALL SPECIFY LOCATION OF SERVICE ATTACHMENT AND METER SOCKET.
3. METER MUST BE READILY ACCESSIBLE WITH NO OBSTRUCTIONS. A CLEAR WORK AREA WITH AN 18" CLEARANCE ON ALL SIDES AND A 36" CLEARANCE IN FRONT OF METER BASE IS REQUIRED. THIS CLEARANCE MUST EXTEND TO A HEIGHT OF 84".
4. CONDUIT MUST BE RIGID GALVANIZED STEEL.
5. SINGLE PHASE PROTECTIVE DEVICES ARE RECOMMENDED FOR MOTORS.
6. ANTIOXIDANT COMPOUND IS REQUIRED ON ALL CONNECTIONS TO ALUMINUM CONDUCTORS.
7. IF A CONDUIT GREATER THAN 10FT. IN TOTAL LENGTH IS REQUIRED, THE THREADED COUPLING AND SHORT PIECE MUST BE ON THE END OPPOSITE THE WEATHERHEAD.
8. FOR SERVICE DROPS LESS THAN 750 VOLTS, AN 18" CLEARANCE IS ALLOWED WHEN NO MORE THAN 6'-0" OF THE SERVICE PASSES OVER THE ROOF AND TERMINATES ON A SERVICE MAST. THE SERVICE MAST CANNOT BE MORE THAN 4'-0" FROM THE EDGE OF THE ROOF. (NESC 234C3D)

			DATE: 2-11-05
			DRAWN BY: S.T.W
			APP'D BY: _____
NO.	REVISION	DATE	

**THREE PHASE FOUR WIRE SERVICE
(OVER 600 AMPS) PIPE MAST
C.T. INSTALLATION ON POLE**

**STANDARD ELECTRIC SERVICE
REQUIREMENTS CULLMAN ELECTRIC
COOPERATIVE CULLMAN, ALABAMA**

SPEC. NO.
CT-1