

OVERHEAD CONSTRUCTION POLE- 20 FEET LONG, PRESSURE TREATED, MINIMUM 6 " DIAMETER, ROUND, PROVIDED AND INSTALLED BY MEMBER. GUYING MAY BE REQUIRED IF DICTATED BY SOIL CONDITIONS. SEE NOTE 1.

SERVICE ENTRANCE CONDUCTOR SHALL EXTEND A MIN. 2'-0" OUT OF WEATHERHEAD. NEUTRAL SHALL BE CLEARLY MARKED.

SERVICE ENTRANCE CONDUCTORS SHALL BE #6 COPPER OR #4 ALUMINUM. MINIMUM 1¼ RIGID GALVANIZED STEEL CONDUIT IS RECOMMENDED BUT OTHER CONDUITS MEETING NEC ARTICLE 230.50 ARE ACCEPTABLE. WHERE THE CABLE IS NOT SUBJECTED TO PHYSICAL DAMAGE, TYPE SE SERVICE ENTRANCE CABLE IS PERMISSIBLE. WHEN TYPE "SE" CABLE IS USED, THE CABLE SHALL BE FORMED IN A GOOSENECK TO CREATE A WEATHERHEAD AND TAPED WITH A SELF-SEALING WEATHER RESISTANT THERMOPLASTIC AS DEFINED IN NEC ARTICLE 230.54(b).

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

WEATHERPROOF MAIN PANEL, PANEL MUST BE GROUNDED. GROUND FAULT CIRCUIT INTERRUPTERS ARE REQUIRED ON ALL 125 VOLT SINGLE PHASE 15 AND 20 AMP RECEPTACLE OUTLETS. (NEC 527.6 (a))

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

THE MEMBER SHALL PROPERLY SECURE GROUNDING CONDUCTOR.

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

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

A CO-OP APPROVED METER BASE TO BE FURNISHED AND INSTALLED BY MEMBER. CO-OP SHALL SPECIFY LOCATION.


15'-0" MIN. ABOVE DRIVEWAY SEE NOTE 1

5 TO 6 FT.

4'-0"

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'-0" (NESC TABLE 232-1 EXCEPTION 7 (c)).
2. OVERHEAD CONSTRUCTION POLE MUST BE ABLE TO WITHSTAND 200 LB. HORIZONTAL TENSION (PULL) AT THE TOP.
3. ANTIOXIDANT COMPOUND IS REQUIRED ON ALL CONNECTIONS TO ALUMINUM CONDUCTORS.
4. 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".

			DATE: 2-11-05	SINGLE PHASE METERED CONSTRUCTION POLE SOURCE - 60 AMPERE MINIMUM	SPEC. NO. OH-1
			DRAWN BY: S.T.W		
			APP'D BY:		
NO.	REVISION	DATE		 STANDARD ELECTRIC SERVICE REQUIREMENTS CULLMAN ELECTRIC COOPERATIVE CULLMAN, ALABAMA	