

ELECTRICIANS !! :

Always contact Engineering, Dispatch or the District Manager before building your service entrance. They will tell you specifications for length of your conduit. Also, leave 36 inches of wire hanging out of the weatherhead.

30 ft pole = 15 ft conduit = 3, 2-hole conduit straps
 35 ft pole = 20 ft conduit = 4, 2-hole conduit straps

- Note: 1. Meter Loop shall comply with National Electrical Code and Authorities having jurisdiction.
2. Meter Loop shall be completely assembled.

CECC Stops at Wire Connections Before Weatherhead

Mark Neutral with white tape.

Conduit must be 2 inch schedule 80 Electrical Gray PVC, I.M.C. or rigid. Your weatherhead shall be of the same material as conduit. Example: if you use plastic conduit, you must use plastic weatherhead.

OPTION 2

Meter socket combo
 Rain-tight disconnect

Mark Neutral with white tape.

OPTION 1

Bushings & Locknuts

must be metal nipple
 6 inches long

Volt Reading:
 A-B 240 VOLT
 B-N 120 VOLT
 A-N 120 VOLT

Pole ground wire shall be #6 copper & 18 inches long.

Rain-tight fusible or breaker type disconnect.

CUSTOMER INSTALLATION MINIMUM WIRING SIZE

EXPECTED LOAD	CONDUIT SIZE	ALUMINUM (INSULATION PER NEC)	COPPER (INSULATION PER NEC)	NEUTRAL WIRE SIZE	GROUND WIRE SIZE
100 Amp	2 inches	1/0	#2	same as phase	#6 Cu

NEC = National Electric Code
 Current Code Requirement

CRAIGHEAD ELECTRIC COOPERATIVE

120/240 V SINGLE PHASE
 100 AMP METER LOOP

APPROVED BY: KB

DATE: 5-24-11

CHECKED BY: KB

SCALE: none

DRAWN BY: mbarnes



DWG NO.: 1107