



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 18 inches of wire hanging out of Weatherhead.

NOTES:

1. Customer facilities shall comply with the National Electrical Code and authorities having jurisdiction.
2. Buildings or other facilities shall not be constructed under existing company supply lines.
3. Rigid/intermediate metal (steel), rigid aluminum, or schedule 80 PVC gray electrical conduit Weatherhead shall be same material as the conduit.
4. A minimum of 18" of each conductor shall extend from the top of the service mast. The neutral shall be marked with white tape on both ends.
5. Customer shall install point of attachment.
6. Customer shall install meter socket and Load Break switch or combo meter socket and main breaker.
7. Ground wire shall be attached to wall in 1/2" gray PVC conduit.
8. Any Service greater than 320 amps, consult CECC.

CUSTOMER INSTALLATION MINIMUM WIRING SIZE FOR SINGLE FAMILY DWELLING

EXPECTED LOAD	CONDUIT SIZE	ALUMINUM (INSULATION PER NEC)	COPPER (INSULATION PER NEC)	NEUTRAL WIRE SIZE	GROUND WIRE SIZE
200 Amp	2"	4/0	2/0	same as phase	#6 Cu
320 Amp	2.5, 3"	500 kcm	350 kcm	same as phase	#6 Cu

NEC= National Electric Code
 Current Code Requirement

CRAIGHEAD ELECTRIC COOPERATIVE	
TYPICAL PERMANENT OVERHEAD	
RESIDENTIAL SERVICE #1	
APPROVED BY: KB	DATE: 5-30-06
CHECKED BY: WG	SCALE: none
DRAWN BY: mbarnes	
DWG NO.: 1103	