



**NOTES:**

1. Customer facilities shall comply with the National Electrical Code and authorities having jurisdiction.
2. Distance from fascia to center of mast to be 4' - 0" max. NEC 230.29
3. Buildings or other facilities shall not be constructed under existing company supply lines.
4. Only continuous rigid steel 2", 2.5", 3" or IMC conduit can be used above the roof.
5. A minimum of 18" of each conductor shall extend from the top of the service mast. The neutral shall be marked with white tape at both ends.

6. If mast is over 3' - 0", it shall be guyed.
7. Customer shall install meter socket, and Load Break Disconnect or Combo Socket with Main Breaker.
8. No telephone or cable attachment allowed on mast. NEC 230.28.
9. Ground wire shall be attached to wall in PVC, NEC Code 250.52
10. Any Service greater than 320 amps, consult CECC.
11. #6 Copper for Ground Rods. See NEC Code #250.66 A, B & C for other permitted grounds.

**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" or 3"	500 kcm	350 kcm	same as phase	#6 Cu

NEC = National Electric Code  
Current Code Requirement

<b>CRAIGHEAD ELECTRIC COOPERATIVE</b>	
<b>TYPICAL PERMANENT OVERHEAD</b>	
<b>RESIDENTIAL SERVICE #2</b>	
APPROVED BY: KB	DATE: 6-16-06
CHECKED BY: WG	SCALE: none
DRAWN BY: mbarnes	
DWG NO.: 1104	