



**ELECTRICIANS!!: Always contact PLWC's Electric or Engineering Dept. before building your service entrance. They will inform you of the specifications needed for clearance, conduit lengths, and placement of the Meter base. Also, leave minimum of 18" of wire out of Weather Head.**

**NOTES:**

- Customer facilities shall comply with the National Electrical Code and authorities having jurisdiction.
- Distance from fascia to center of mast to be 4' - 0" max. NEC 230.29
- Buildings or other facilities shall not be constructed under existing company supply lines.
- Only continuous rigid steel 2", 2.5", 3" or IMC conduit can be used above the roof.
- 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.
- Customer shall Furnish and install meter socket.
- No telephone or cable attachment allowed on mast. NEC 230.28.
- Ground wire shall be attached to wall in PVC, NEC Code 250.52
- Any Service greater than 320 amps, consult PLWC.
- #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	COPPER (INSULATION PER NEC)	ALUMINUM (INSULATION PER NEC)	NEUTRAL WIRE SIZE	GROUND WIRE SIZE
200 Amp	2"	2/0	ASK PLWC	same as phase	#6 Cu
320 Amp	Ask PLWC	350 kcm	ASK PLWC	same as phase	#6 Cu

NEC = National Electric Code  
Current Code Requirement

<b>PARAGOULD LIGHT, WATER, AND CABLE</b>	
<b>TYPICAL PERMANENT OVERHEAD RESIDENTIAL SERVICE #2</b>	
APPROVED BY: DM	DATE: 3/29/2016
CHECKED BY: RK & SP	SCALE: none
DRAWN BY: JB	
<b>PLWC</b>	OFFICE PHONE #
	<b>870-239-7700</b>