



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:

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 Furnish and install meter socket.
7. Ground wire shall be attached to wall in 1/2" gray PVC conduit.
8. Any Service greater than 200 amps, consult PLWC.

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

PARAGOULD LIGHT, WATER, AND CABLE	
TYPICAL PERMANENT OVERHEAD	
RESIDENTIAL SERVICE #1	
APPROVED BY: DM	DATE: 3/29/2016
CHECKED BY: RK & SP	SCALE: none
DRAWN BY: JB	
PLWC	OFFICE PHONE # 870-239-7700