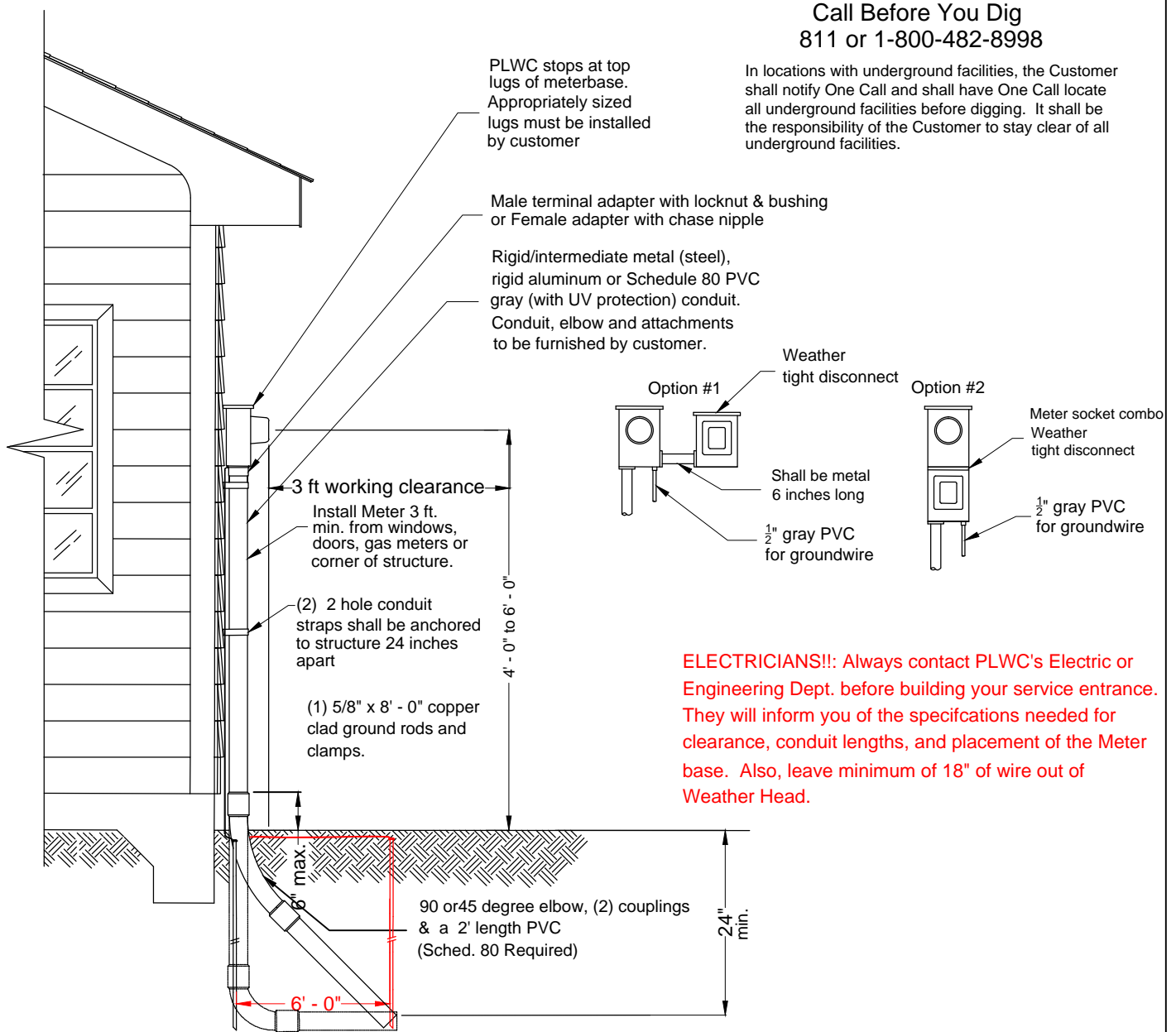


**Call Before You Dig
811 or 1-800-482-8998**

In locations with underground facilities, the Customer shall notify One Call and shall have One Call locate all underground facilities before digging. It shall be the responsibility of the Customer to stay clear of all underground facilities.



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.

If Service is larger than 200A's, 2 ground rods are required. Need to be minimum of 6 feet apart.

NOTES:

- Customer facilities shall comply with the National Electrical Code and authorities having jurisdiction.
- Meter socket shall be Furnished, installed, and maintained by the customer.
- Install vertical run of conduit from the meter to the top of the ground.
- The vertical run of conduit should be straight for optimum installation of conductor. A meter base offset should be used to avoid ledges.
- If bends are necessary, all PVC parts must be schedule 80.
- PLWC will perform any necessary excavation.
- Leave 45 degree elbow, (2) couplings and 2 feet of conduit near meter base for below ground installation by PLWC. (Do not assemble below ground pieces)

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	
UNDERGROUND SECONDARY SERVING A RESIDENCE / MFG HOME	
APPROVED BY: DM	DATE: 3/29/2016
CHECKED BY: RK & SP	SCALE: none
DRAWN BY: JB	
PLWC	OFFICE PHONE # 870-239-7700