

# PC ELECTRIC

## METER LOOP SPECIFICATION

### ALTERNATIVE SOURCE UNDERGROUND SERVICE

Rev 2: November 10, 2017

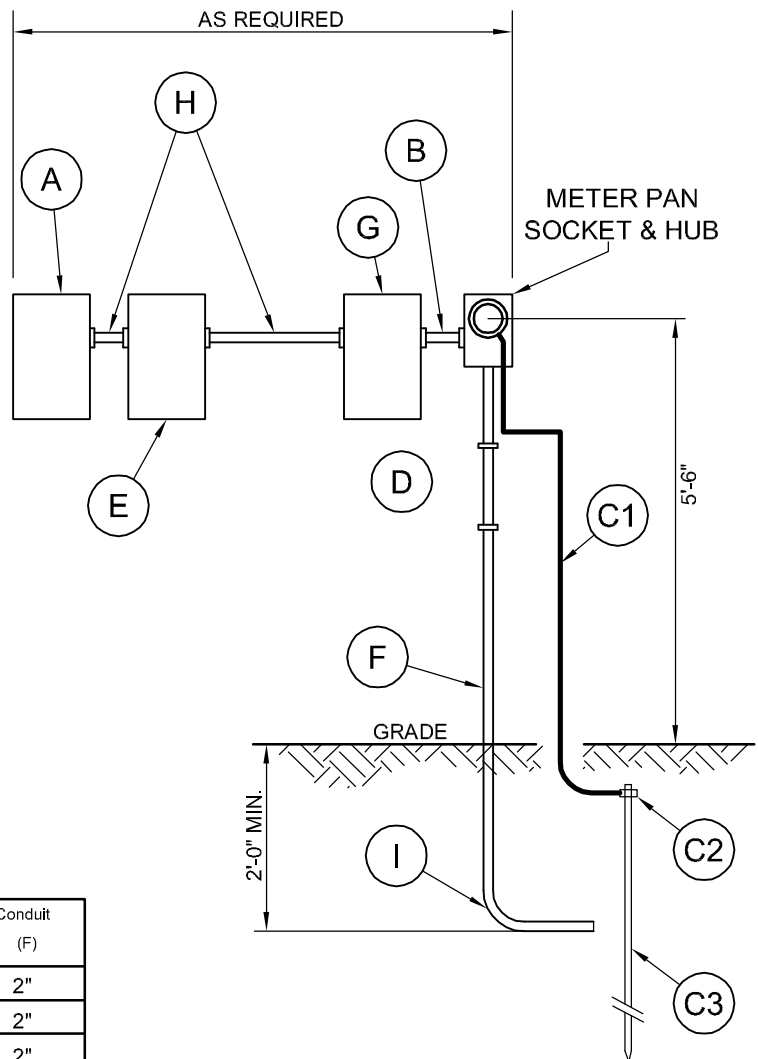
*METER LOOP MUST BE INSTALLED FOR STAKING ENGINEER TO STAKE*

**GENERAL REQUIREMENTS:**

- 1) Consumer is responsible for all equipment beyond the point of service except the meter
- 2) Consumer is responsible for load capacity including future loads.
- 3) This drawing is illustrative of generally acceptable standards. Where National, Local, City or Community codes are more restrictive, they shall govern. It shall be the responsibility of the member to construct and maintain the electrical service in a safe manner.
- 4) Use qualified electrician and install the electrical service in accordance with the National Electric Code.
- 5) Meter pan height shall be 5'-6" above ground.

**Legend:**

- A) Member's Alternative Source.
- B) Member's conductors, copper only.
- C1) Grounding conductor, copper only, in wall or, if exposed, securely fastened to wall.
- C2) Ground rod clamps: Acorn type below grade recommended, clamp type above grade.
- C3) Ground rod 8' long, 1/2" dia. copperweld or 5/8" dia. galv.
- D) Conduit straps as required.
- E) Exterior Weatherproof Alternative Source Disconnect must: 1) be sized according to the largest source protective device, 2) equipped with externally operated manual disconnect, that is lockable in the open position, 3) accessible to PCEMC personal, and 4) be labeled
- F) PVC Sch. 80 or rigid galvanized conduit, smooth bushing or bell on end of conduit.
- G) Service main disconnect: Circuit breaker recommended, fused switch acceptable, may be inside or raintight outside the building but not more than 30" from meter.
- H) Member's conductors, sized according to Source (A).
- I) 24"min. radius Sweep elbow



(G) Full Capacity Amperes	(B) Conductor sizes, Insulation Type, 30°C ambient, THHN-Copper		Ground Wire (C1)	Conduit (F)
	Phase	Neutral		
100	2	2	6	2"
150	1/0	1	6	2"
200	2/0	1/0	6	2"

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**METER LOOP SPECIFICATION**

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## BHA, INC.

BATON ROUGE, LOUISIANA

SCALE : N.T.S	DATE : 07/23/15	PROJECT NO. : 466E15B
DRAWN : JEJ	APPROVED : WBS	DRAWING NO. : REV. : 2