

SOUTHWEST MISSISSIPPI ELECTRIC POWER ASSOCIATION

POLE MOUNTED METER LOOP SPECIFICATIONS PERMANENT OVERHEAD SERVICE

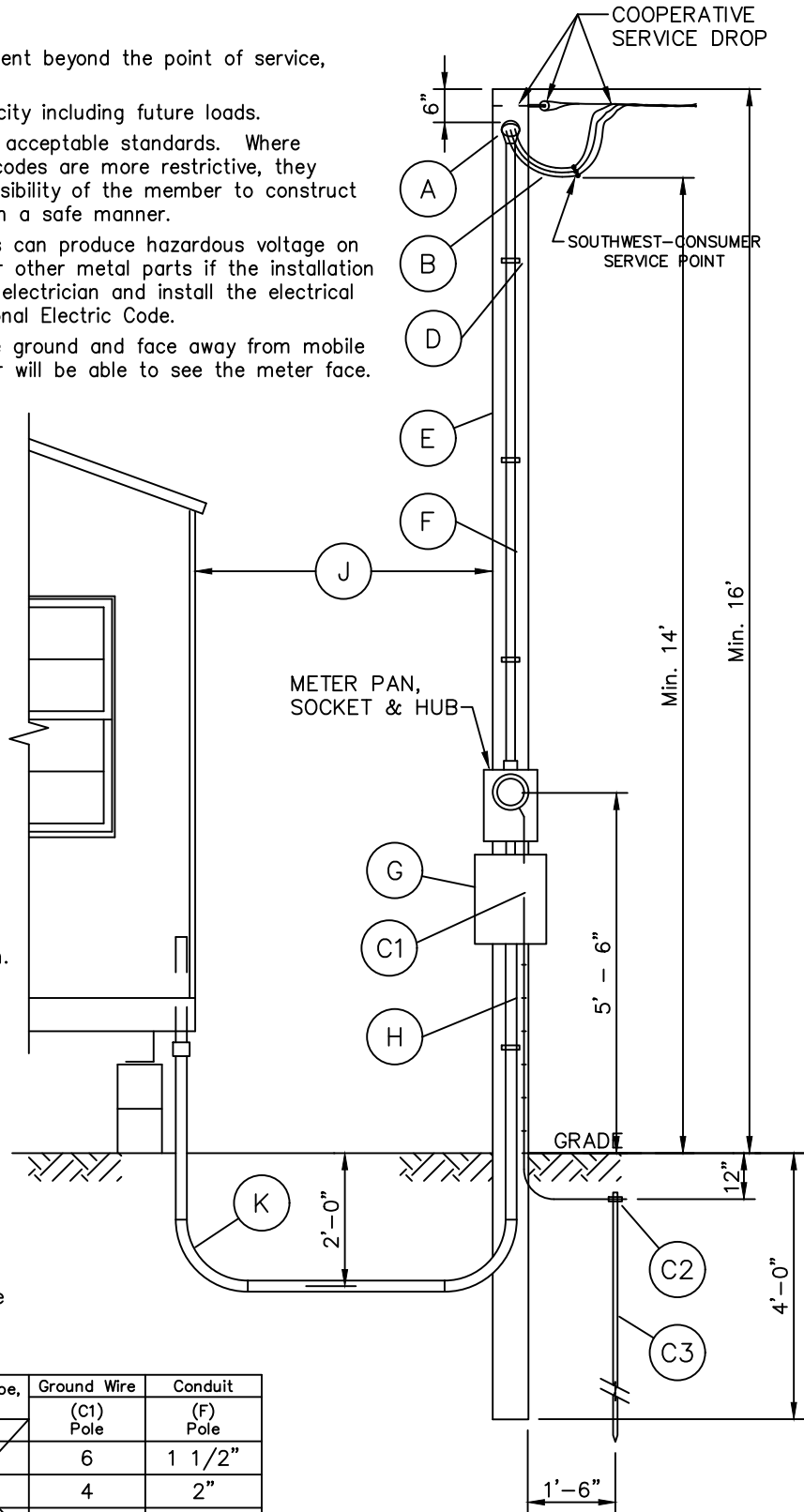
Effective July 1, 2005
Amended June 21, 2007

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. Electrical connections to mobile homes can produce hazardous voltage on the shell of the home, appliances or other metal parts if the installation is not done properly. 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 and face away from mobile home to ensure that the meter reader will be able to see the meter face.

Legend:

- A) Weatherhead. Minimum 15'
- B) Service entrance conductors, copper only.
- C1) Pole grounding conductor, copper only, bare.
- C2) Ground rod clamps: Acorn type below grade recommended.
- C3) Ground rod 8' long, 1/2" dia. copperweld or 5/8" dia. galv.
- D) Conduit straps: Min. 3, galv.
- E) Pole: Min. 20' long, 5" dia. top, or 6"x6" min. square pole, pressure treated creosote, penta or CCA process only.
- F) Rigid Galvanized or Sch. 80 PVC Conduit and fittings only, 10' min. NO EMT.
- G) Service main disconnect: Circuit breaker recommended, fused switch acceptable, raintype enclosure.
- H) Staples, 6" Apart
- J) Min. 5'-0" from unit, clear of windows, doors and other buildings or coverings.
- K) Conduit from main disconnect to entrance of building. Metallic or Sch. 80 conduit above ground and Sch. 40 below. **NO EXPOSED WIRES !!**



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(G) Full Capacity Amperes	(B) Conductor sizes: Insulation type, 30°C ambient, THHN-Copper		Ground Wire (C1) Pole	Conduit (F) Pole
	Phase	Neutral		
100	2	2	6	1 1/2"
150	1/0	1/0	4	2"
200	2/0	2/0	4	2"

REVISIONS	
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SOUTHWEST MISSISSIPPI EPA
POLE MOUNTED METER LOOP SPECS
PERMANENT OVERHEAD SERVICE

DRAWN ON: 11-22-21

DRAWN BY: JB

APPV BY: DH

Serving our Cooperative Members