

# WASHINGTON-ST. TAMMANY ELECTRIC COOPERATIVE, INC.

## MINIMUM METER LOOP SPECIFICATIONS PERMANENT OVERHEAD SERVICE FOR MOBILE HOMES

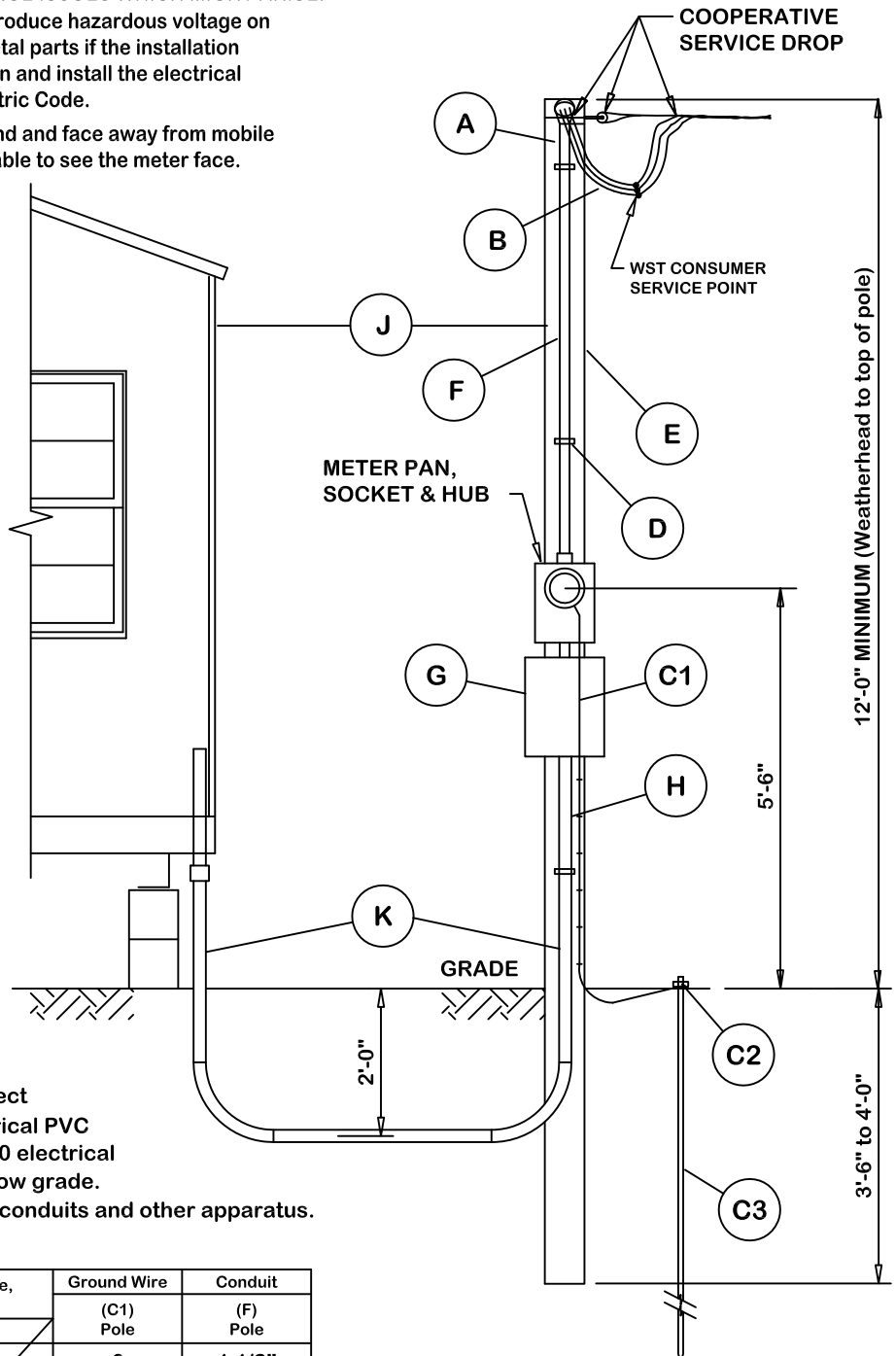
**METER LOOP MUST BE INSTALLED FOR STAKING ENGINEER TO STAKE!**

### 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 minimal 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. **WST RECOMMENDS A 20' POLE BE USED FOR FUTURE CLEARANCE ISSUES WHICH MIGHT ARISE.**
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 socket 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.
- B) Service entrance conductors, copper only.
- C1) Pole grounding conductor, copper only.
- 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: Min. 2, galv.
- E) Pole: Min. 16' long pole, 5" dia top or 6"X6" timber (20' length recommended) pressure treated creosote, penta or CCA process only.
- F) Galvanized conduit and fittings or Sch 80 electrical PVC & fittings.
- G) Service main disconnect: Circuit breaker recommended, fused switch acceptable, rain tight enclosure.
- H) Staples, approximately 6" apart.
- J) Clear of windows, doors, coverings and other buildings.
- K) **NO EXPOSED WIRE** from main disconnect to the mobile home. Schedule 80 electrical PVC or galvanized above grade. Schedule 40 electrical PVC or cable rated for direct burial below grade. Proper fittings shall be used to join the conduits and other apparatus.



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