

WASHINGTON-ST. TAMMANY ELECTRIC COOPERATIVE, INC.

MINIMUM METER LOOP SPECIFICATIONS

UNDERGROUND SERVICE ENTRANCE - CONSUMER FURNISHED & INSTALLED CONDUIT

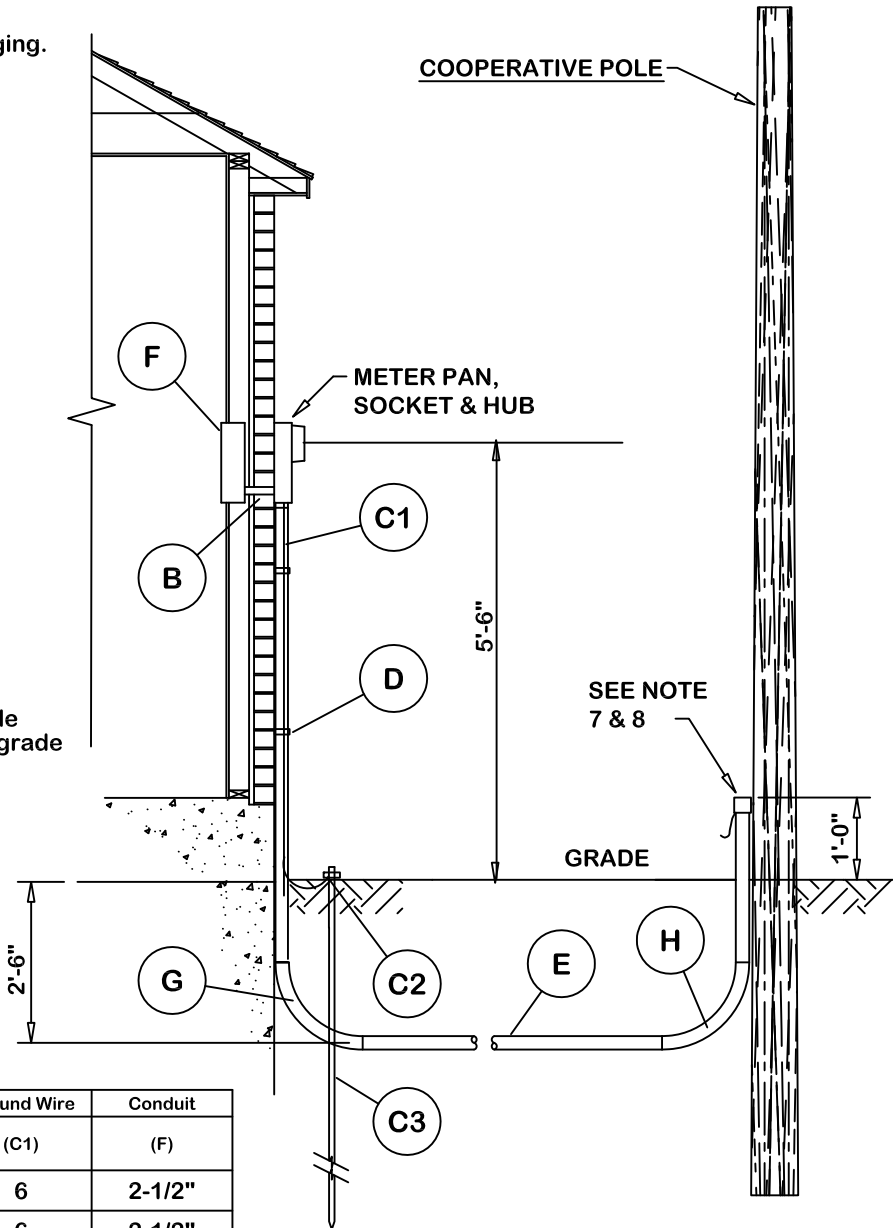
METER LOOP MUST BE INSTALLED FOR STAKING ENGINEER TO STAKE!

GENERAL REQUIREMENTS:

1. Consumer is responsible for all equipment shown 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.
4. Use qualified electrician and install the electric service in accordance with the National Electric Code.
5. Meter socket height shall be 5'-6" above ground.
6. This detail for 200 amp maximum service. Consult Engineering Department for larger service.
7. A nylon pull cord shall be provided in the PVC conduit. Tape end of PVC conduit at pole. Nylon cord must be exposed.
8. Customer must also furnish (3) three 10-foot sections of Schedule 80 PVC 2-1/2" conduit and (1) one 2-1/2" weatherhead (to be installed by Co-op.)
9. LAONECALL must be called prior to digging. (1-800-272-3020)

Legend:

- A) Not used.
- B) Customer'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 needed.
- E) Schedule 80 electrical PVC above grade and schedule 40 electrical PVC below grade with proper fittings to join the conduits and other apparatus.
- F) Service main disconnect may be inside or outside the building or other structures but not more than 30" from the meter.
- G) 90° Sweep, 24" minimum radius elbow.



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