

Houston County Electric Cooperative

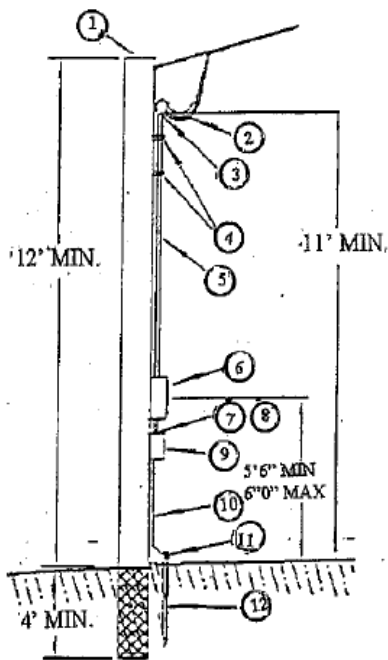
PO Box 52

Crockett, Texas 75835

800-657-2445 or 936-544-5641

Meter Loop Installation Guide for Meter Pole

100 Amp Service 120/240 VAC



NOTE: All requirements of the current edition of the National Electric Code or of the local codes shall be followed when not addressed in this guide.

Bill of Material

Item	Qty	Description
1	1	6"(min.) treated pole
2	as req'd	#2 stranded copper cable with 90 C insulation rating Type RHH, THHN, THHW, or XHHW. See note below.
3	1	1 1/4" Weatherhead
4	4	1 1/4" Conduit straps with screws (Nails NOT Acceptable)
5	as req'd	1 1/4" Rigid metal or E.M.T. conduit with weather tight connectors
6	1	Meter socket (furnished by Co-op)
7	1	1 1/4" Nipple
8	2	1 1/4" Conduit locknuts
9	1	2-Pole 100 AMP weatherproof fused disconnect switch with 1 1/4" hub, or 100 AMP weatherproof load center with 1 1/4" hub (No more than a 6 circuit breaker panel without a main breaker)
10	as req'd	Min #6 Solid soft drawn copper wire
11	1	Ground clamp approved for the type of ground rod used
12	1	8' x 1/2" copper coated ground rod is preferred or 8' by 5/8" galvanized ground rod is acceptable

NOTE: The conductor size shall be as noted above or Copper in accordance with the NEC, whichever is larger.