



Your Touchstone Energy[®]
Cooperative 

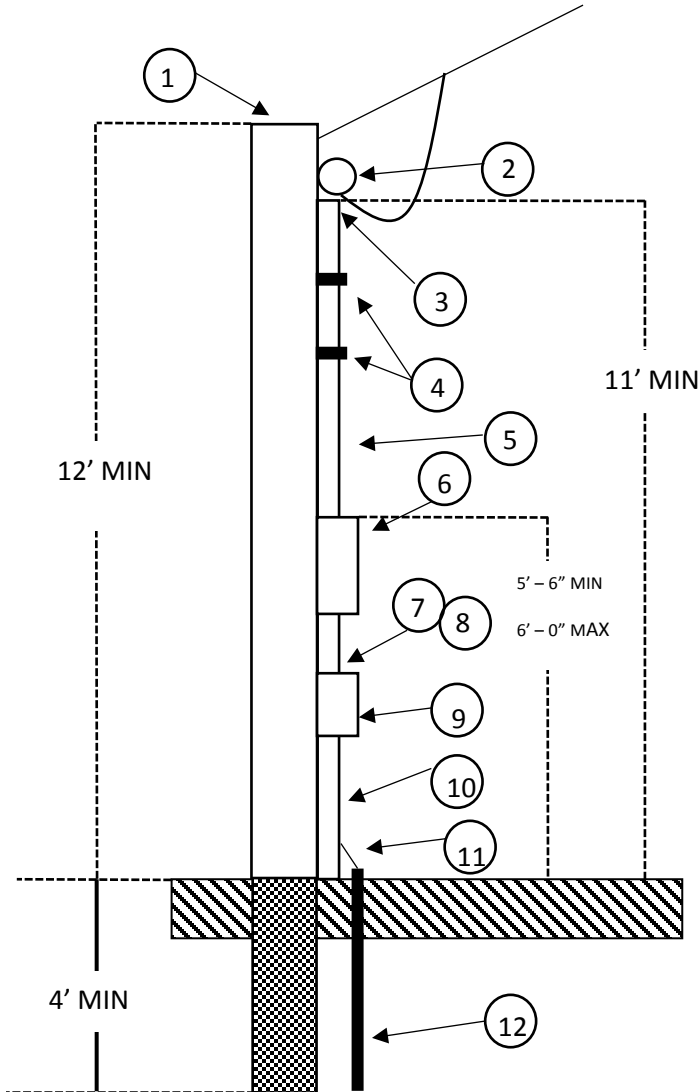
936-544-5641

METER LOOP INSTALLATION GUIDE FOR

METER POLE

100 AMP SERVICE, 120/240 VAC

BILL OF MATERIAL



<u>ITEM</u>	<u>QTY</u>	<u>DESCRIPTION</u>
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 ¼" Weatherhead
4	4	1 ¼" Conduit straps with screws (Nails NOT acceptable.)
5	As Req'd	1 ¼" Rigid metal or E.M.T. conduit with weather tight connectors.
6	1	Meter Socket (Furnished by HCEC)
7	1	1 ¼" Nipple
8	2	1 ¼" Conduit locknuts
9	1	2-Pole 100 AMP Weatherproof fused disconnect switch with 1 ¼" hub, or 100 AMP weatherproof load center with 1 ¼" hub (No more than a 6 circuit breaker panel is allowed 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' by ½" copper coated ground rod is preferred or 8' by 5/8" galvanized ground rod is acceptable.

Leave a minimum of 18" of conductor extending from the weatherhead.