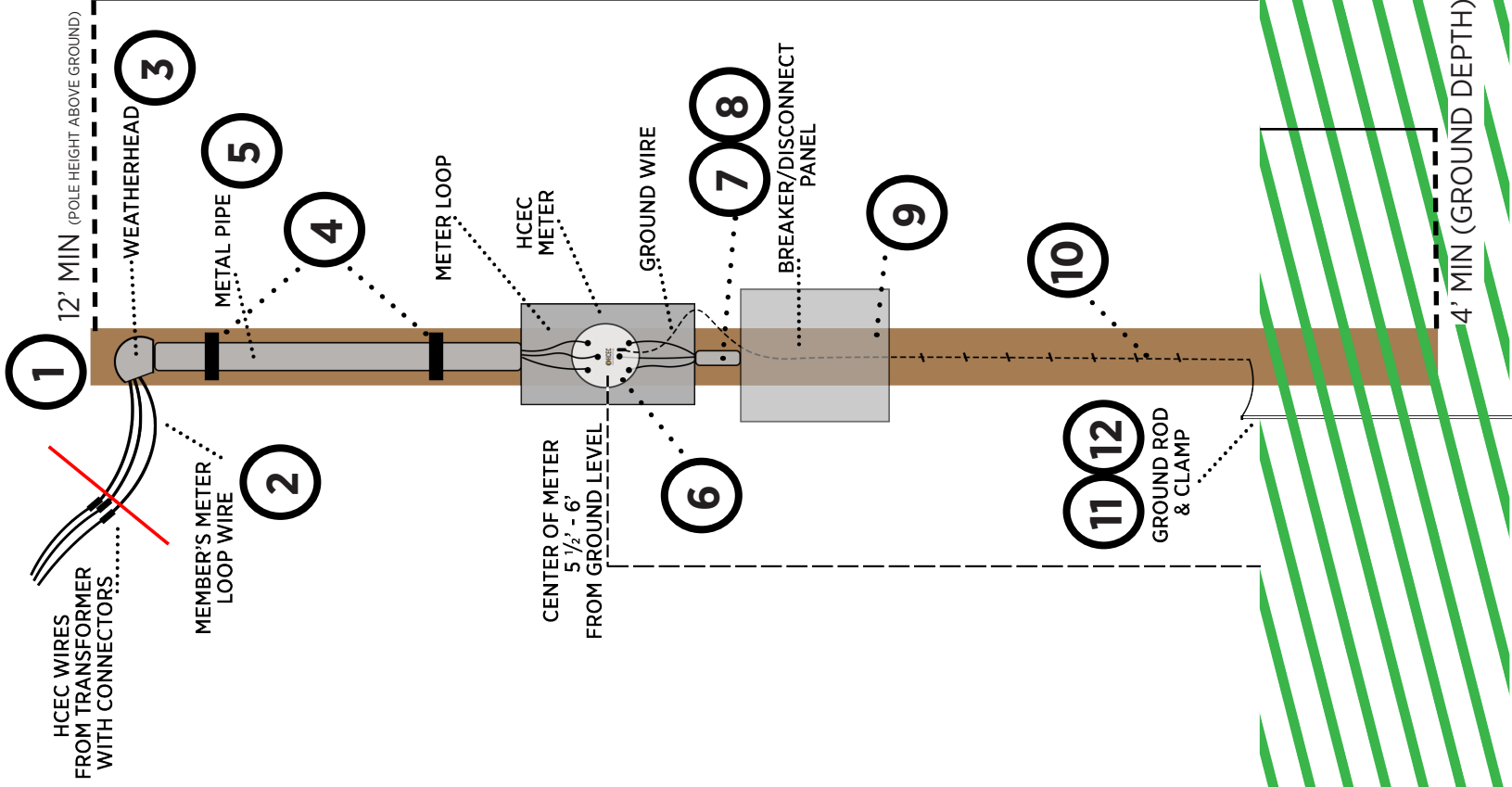


# METER LOOP INSTALLATION GUIDE FOR: METER POLE 100 AMP SERVICE, 120/240 VAC



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 <b>NOT</b> 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 HCEC)
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 100AMP weatherproof load center with 1 1/4" 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 1/2" copper coated ground rod is preferred or 8' by 5/8" galvanized ground rod is acceptable. The ground rod must be driven to ground level.

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

1 1/4" is the minimum size req'd - Optional: 1 1/2" or 2"