

VICTORIA ELECTRIC COOPERATIVE

For questions, please call VEC at (361)-573-2428 or Email Engineering@victoriaelectric.coop

This design is applicable for a standard 30' pole. Should conditions require the use of a longer or shorter pole, corrective measures can be applied to conduit and wire length.

MATERIAL FURNISHED BY MEMBER:

- 1 Meter base (purchased at cost from VEC)
- 15' EMT or electrical PVC conduit
- 1 Weatherhead
- 3 Two-hole straps
- 1 Connecting Nipple (3" straight or offset type)
- 1 Weathertight connector
- 1 Weathertight conduit coupling
- 2 Lockrings (attach nipple to meter base)
- 1 Main disconnect (breaker or fuse type)
- 1 Hub for disconnect box
- 60' + TRW insulated Copper wire (load will determine size)
#4 is smallest size allowed. See chart below.

Recommended Wire Size for Residential Non-Continuous Load		
Copper	Aluminum	Service Rating
AWG	AWG	Amps
6	4	100
4	3	110
4	2	125
3	1	150
2	1/0	175
1	2/0	200
1/0	2/0	225
1/0	3/0	250

