

## **SERVICE ENTRANCE - OVERHEAD**

100, 200, or 320 Amperes Self Supported 10-01-13 ER 19-245-B PAGE 1 OF 1

**Use:** Arrangement of service equipment to supply electric energy on an outdoor self supported, overhead installation.

 PREVIOUS REVISION
 ORIGINATED
 PREVIOUS NUMBER

 04-01-98
 03-94
 ER 1-168 (12-01-84), ER 19-250 (03-15-94)

LATEST REVISION: Updated meter socket identification and bonding bushing specifications and general revisions.

REFERENCE: IEC/NEC (Indiana Electrical Code/National Electrical Code), latest edition

ER 5-500 ER 19-240

## SPECIFICATION:

## 1. GENERAL

- 1.1 The self supported service entrance shall be level, plumb, and securely mounted to a customer owned pole, installed at least 5 feet in the ground.
- 1.2 All equipment, except service drop cable and meter, shall be owned, installed, and maintained by the customer.
- 1.3 The installation shall be approved by any local electrical authority having jurisdiction, if one exists, before it will be energized.
- 1.4 The installation shall meet all applicable codes having jurisdiction.
- 1.5 Refer to ER 19-240 for approved meter sockets for customer purchase, and proper wiring specifications.
- 1.6 The customer shall provide meter identification satisfactory to the Company so that the location of each meter and it's respective disconnect(s), with respect to the location being serviced is easily determined. For installations involving multiple meters, the meter socket and it's respective main disconnect shall be labeled per Standard ER 5-500.
- 1.7 Approved service entrance cable, with weather-proof fittings, may be used where permitted by local authority.
- 1.8 Bonding bushings and jumpers shall be used to maintain electrical continuity to service equipment enclosures when the entire concentric knockout is not removed.

