

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

STANDARD ORIGINATED
03-94

PREVIOUS STANDARD REVISION
10-01-13

PREVIOUS STANDARD NUMBERS
ER 1-168, ER 19-250

REVISION SUMMARY: Convert to current format. Update reference section.

REFERENCE(S): (All references are latest revision; unless noted)

National Standard(s)

- a. Indiana Electrical Code / National Electrical Code® (IEC/NEC®)

NIPSCO Standard(s)

- b. Electric Rules Standard ER 5-500: Entrance Equipment
- c. Electric Rules Standard ER 5-550: Entrance Run
- d. Electric Rules Standard ER 19-240: Service Entrance - Overhead, Single & Three Phase, 100, 200, & 320/400 Amp
- e. Electric Rules Standard ER 19-900: Standards of Work

SPECIFICATIONS:

1. GENERAL:

- 1.1. Installation shall conform with IEC/NEC® and rules and requirements of any recognized legal inspection service in effect in the community and shall be satisfactory to NIPSCO.
- 1.2. Self-supported service entrance shall be level, plumb, and securely mounted to a customer-owned pole installed at least five feet in the ground.
- 1.3. All equipment, except service drop cable and meter, shall be owned, installed, and maintained by the customer.
- 1.4. Installation shall be approved by any local electrical authority having jurisdiction, if one exists, before it will be energized.
- 1.5. The installation shall meet all applicable codes having jurisdiction.
- 1.6. Approved meter sockets for customer purchase and proper wiring specifications shall be per NIPSCO ER 19-240.
- 1.7. Meter box, disconnect, conduit, pole, and associated hardware shall be provided and installed by the customer per NIPSCO ER 5-500 and ER 5-550.
- 1.8. Customer shall provide meter identification satisfactory to NIPSCO so that location of each meter and its respective disconnect(s) with respect to the location being serviced is easily determined. For installations involving multiple meters, the meter socket and its respective main disconnect shall be labeled per NIPSCO ER 5-500.
- 1.9. Approved service entrance cable with weather-proof fittings may be used where permitted by local authority.
- 1.10. Bonding bushings and jumpers shall be used to maintain electrical continuity to service equipment enclosures when the entire concentric knockout is not removed.

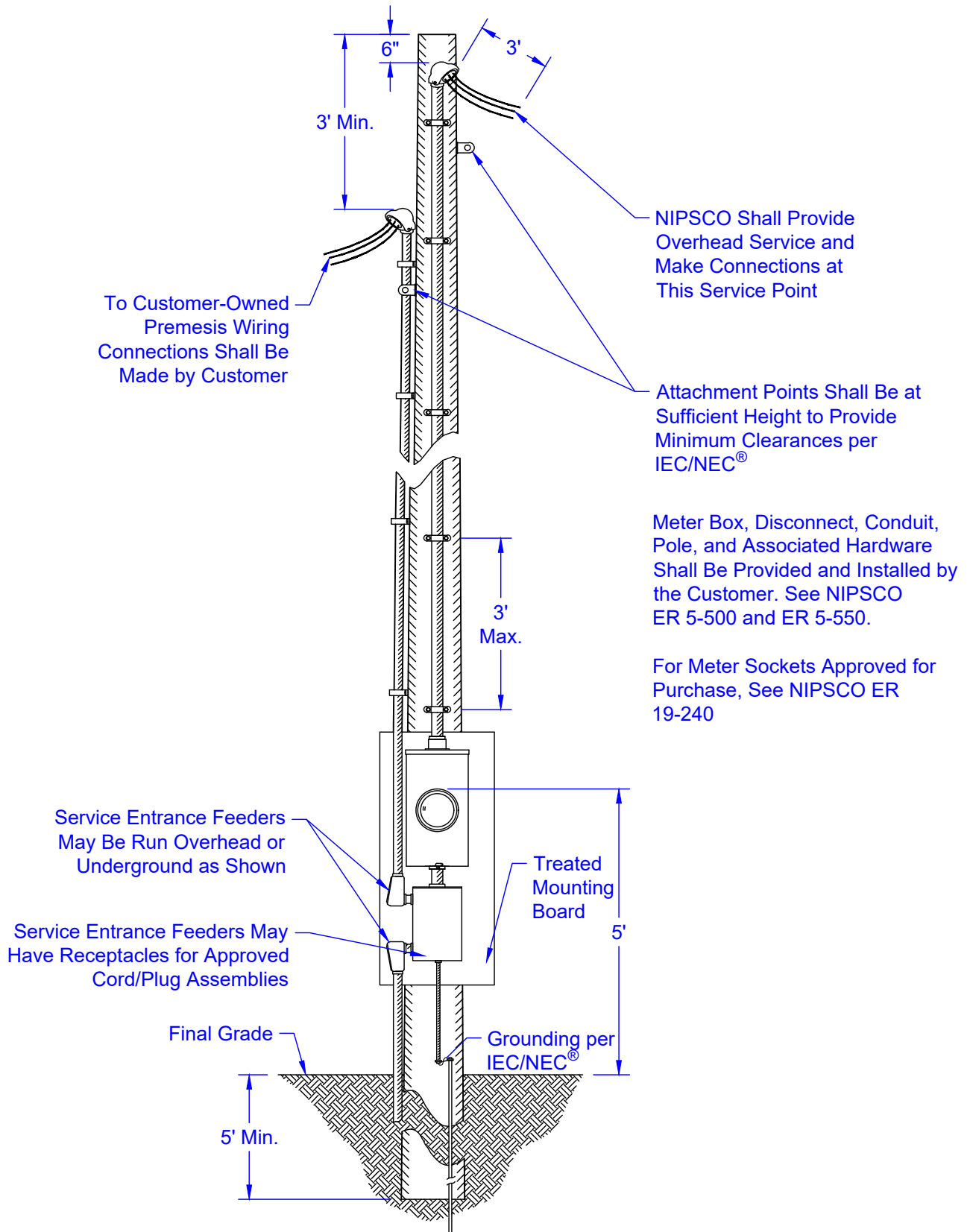


Figure 1