

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

Note: Company-approved meter pedestals can be used as an alternative, refer to ER 19-266.

STANDARD ORIGINATED
03-94

PREVIOUS STANDARD REVISION
10-01-13

PREVIOUS STANDARD NUMBERS
ER 1-210

REVISION SUMMARY: Convert to current format. Added clarification on service cables.

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 19-266: Service Entrance - Underground, 100 or 200 Amps, Single Phase, 3 wire, 120/240 Volt, Self Supported - Meter Pedestal
- d. Electric Rules Standard ER 19-270: 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 meter structure shall be level and securely mounted to a post-type mounting structure satisfactory to NIPSCO. Mounting post shall be installed a minimum of 4 feet underground per **Figure 1**.
- 1.3. All equipment, including meter socket, shall be owned, installed, and maintained by the customer.
- 1.4. Meter sockets approved for customer purchase and conduit sizing recommendations per NIPSCO ER 19-270.
- 1.5. Meter installation shall be adequately grounded in accordance with IEC/NEC®.
- 1.6. Ground rods and ground wires shall be installed a minimum of 24 inches from electric service riser pipe conduit to permit the installation and maintenance of NIPSCO's service cables.
- 1.7. Customer shall provide meter identification satisfactory to NIPSCO so that the 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.
- 1.8. Meter position height, as measured from top of meter to final grade level, shall be five feet.

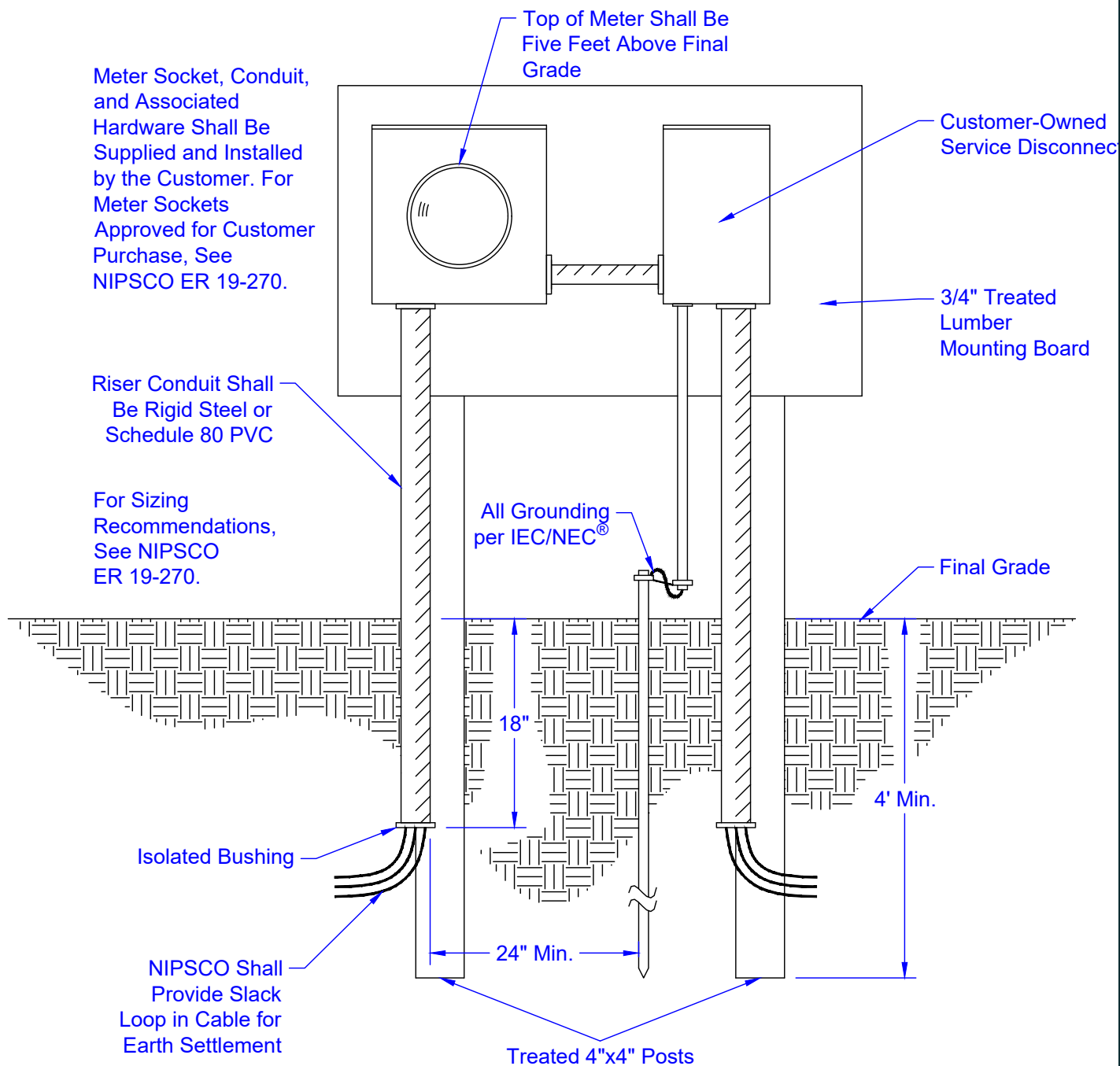


Figure 1
Typical Self-Supported Metering Structure