STANDARDS OF WORK

Published: 11-01-23
Reaffirmed: 11-01-23

USE : Standards for electric service wiring.

STANDARD ORIGINATED	PREVIOUS STANDARD REVISION	PREVIOUS STANDARD NUMBERS
03-94	03-16-94	ER 1-500

REVISION SUMMARY: Converted to current format. General revision. Add NEC work rule.

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

National Standard(s)

a. National Fire Prevention Association(NFPA) 70®, National Electrical Code® (NEC®) Indiana Electrical Code / National Electrical Code® (IEC/NEC®)

SPECIFICATIONS:

1. **GENERAL:**
   - **1.1. Electric Service Wiring Shall Be in Accordance With:**
     - 1.1.1. Approved regulations of NFPA 70®, (IEC/NEC®), in effect when work is commenced.
     - 1.1.2. Municipal and state regulations.
     - 1.1.3. Requirements as outlined herein.
   - 1.2. Rules and information in NIPSCO Electric Rules Standards are intended to be non-conflicting with and supplemental to state laws and local ordinances.
   - 1.3. Electrical equipment shall be installed in a professional and skillful manner.

NIPSCO

REV. 10/25/2024

Site Readiness Checklist – Fast Track Customer Responsibilities

The following items must be completed by the homeowner/contractor in order for NIPSCO to install a new service. Please check each item and return or provide verbal confirmation once these items are completed:

Customer Name: _____

Site Address: _____

When facing the front of the home, select which side your meter(s) will be located:

- ☐ Left Side of Home
- ☐ Right Side of Home

For new construction, water and sewer facilities (if installed) must be marked or exposed prior to NIPSCO's gas/electric facilities:

Are water and/or sewer facilities installed?

- ☐ Yes
- ☐ No
- ☐ If yes, all facilities have been marked and flagged or are exposed and will remain as such until NIPSCO services are installed.

Per 811 dig laws, Private (customer-owned) facilities must be located or exposed, including electric lines to light posts or out buildings, sprinkler systems, dog fences, down spouts, septic systems, fuel lines, water, sewer and propane lines, etc.

- ☐ Customer confirms all site facilities have been located in accordance with state law.

The customers site must meet the requirements listed under the site readiness policy and must remain ready until the services are installed by NIPSCO. Site changes may cause a delay of the installation of services:

- ☐ Property must be within 6 inches of final grade where NIPSCO facilities will be installed.
- ☐ A clear path 8 feet wide must be maintained from the easement to the building, until NIPSCO installation is complete.

☐ Utility easement(s), lot lines, curbs, and sidewalks at the site must be staked, if applicable.

☐ Utility easement(s) must be kept free of trees, brush, spoils, construction debris, or any other obstruction, including snow.

☐ A gas fuel line stub must be installed; electric meter base must be installed. Gas & Electric meters must be on the same side of the home within the front 1/3 - (Residential customers only). If the fuel line will extend through concrete or masonry, including future masonry veneer, it must be encased in a protective sleeve with the space between sleeve and fuel line sealed.

☐ NIPSCO Standards read and complied with (copy of the standards is available if needed).

☐ If applicable, NIPSCO payment and/or contract has been received.

☐ If applicable, all inspections have been completed successfully and received by NIPSCO.

☐ Buried Hazards Form has been completed and is accurate as of the date of this checklist submittal.

Please return to: Newbusinessagent@nisource.com

_____ _____

Signature **Date**

- **The Customer is responsible for any expenditure incurred by NIPSCO to modify its facilities due to Customer's actions.**
- **The Customer is responsible for site restoration.**
- **A delay in service could occur if clear path is not maintained, or if there are any alterations to the plan.**
- **Once all site readiness tasks have been completed and the customer is ready for service, the customer should contact the NIPSCO engineer assigned to the project.**
- **All details outlined on this form apply to NIPSCO provided services only**

NOTE: The full Site Readiness Policy can be viewed, in its entirety, at www.nipsco.com

NIPSCO
A NiSource Company
Electric Rules Standard

SERVICE ENTRANCE - OVERHEAD
100, 200, or 320/400 Ampere Self-Supported

Published: 11-01-23
Reaffirmed: 11-01-23

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

STANDARD ORIGINATED	PREVIOUS STANDARD REVISION	PREVIOUS STANDARD NUMBERS
03-94	10-01-13	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.

SERVICE ENTRANCE - OVERHEAD

100, 200, or 320/400 Ampere
Self-Supported

Published: 11-01-23
Reaffirmed: 11-01-23

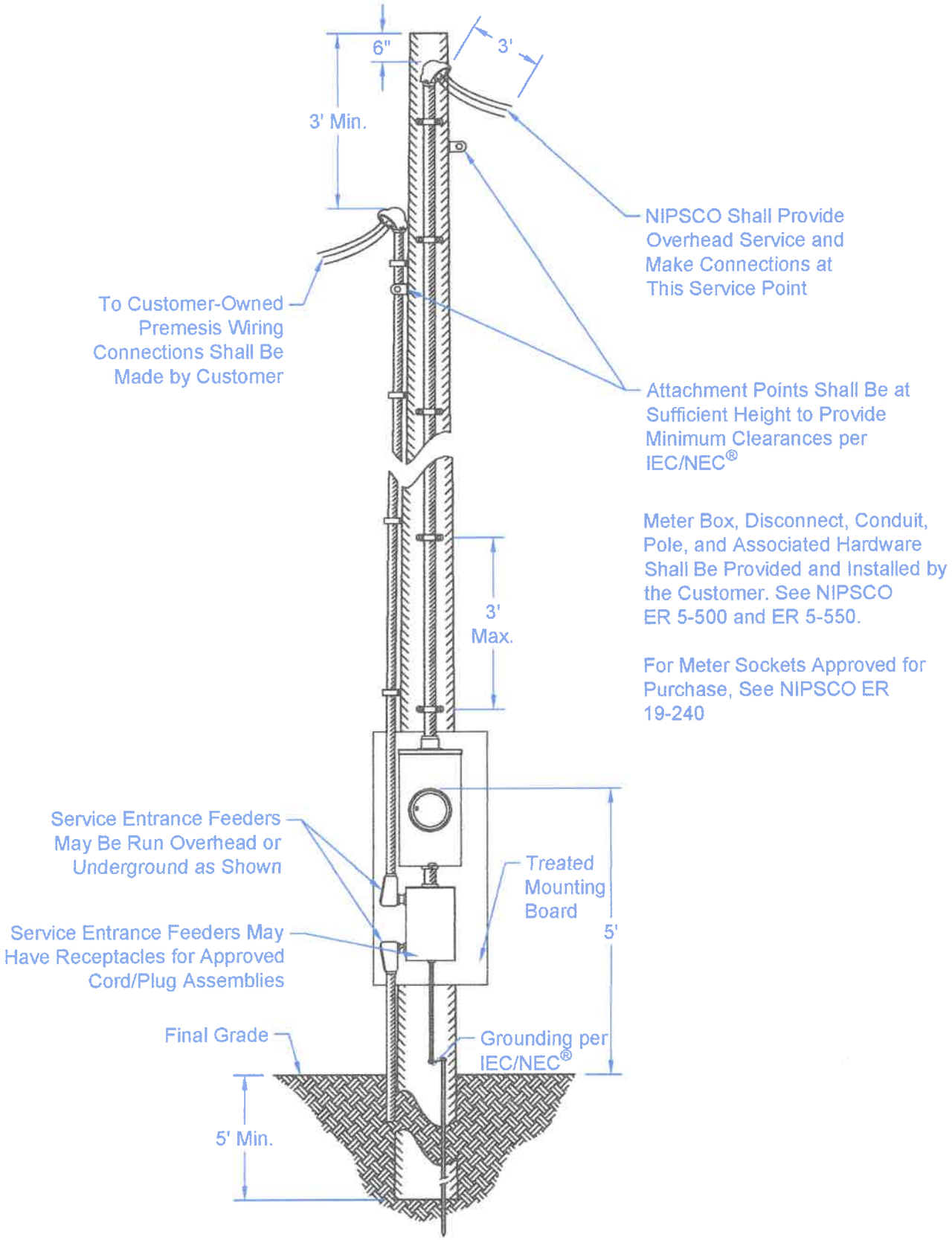
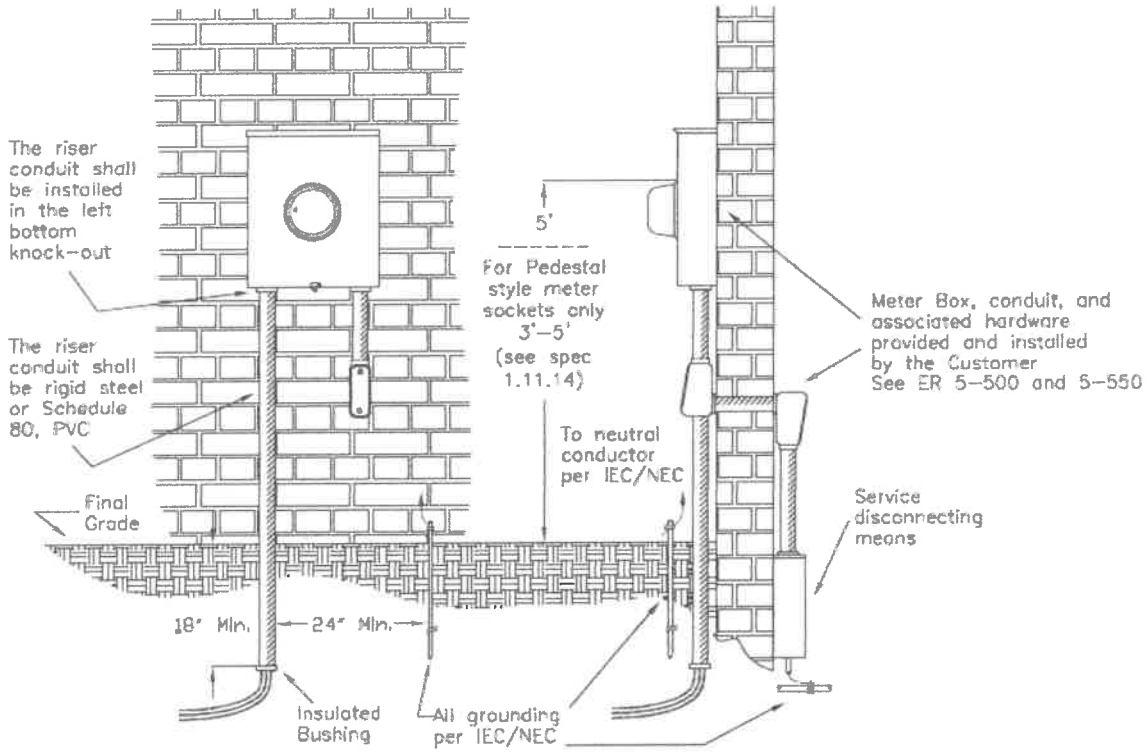


Figure 1

For NIPSCO Electric area only. If you have a provider other than NIPSCO; check with your provider for Electric meter install details.

Electric meter locations must comply with all NIPSCO safety requirements:



Gas meter locations must comply with all NIPSCO safety requirements: