SERVICE ENTRANCE - UNDERGROUND

100, 200, or 320 Amperes
Self Supported

USE: Arrangement of service equipment to supply electric energy on an outdoor self supported, underground installation.
Note: Company approved meter pedestals can be used as an alternative, refer to ER 19-266.

PREVIOUS REVISION	ORIGINATED	PREVIOUS NUMBER
01-01-11	03-94	ER 1-210 (12-10-87)

Latest Revision: Updated meter socket identification and general revisions.

REFERENCE: Indiana Electrical Code / National Electrical Code (IEC / NEC), latest revision
ER 5-500

SPECIFICATION:

1. GENERAL:

1.1 The self-supported meter structure shall be level and securely mounted to a post type mounting structure satisfactory to the company. Mounting post shall be buried a minimum of 4 feet underground. (See Figure 1)

1.2 All equipment, including the meter socket shall be owned, installed, and maintained by the customer. The installation is to conform with the IEC / NEC, as well as the rules and requirements of any recognized legal inspection service in effect in the community, and satisfactory to the Company.

1.3 The meter installation shall be adequately grounded in accordance with the IEC / NEC.

1.4 Ground rods and ground wires shall be installed a minimum of 24" away from the riser pipe to permit the installation and maintenance of service cables.

1.5 The customer shall provide meter identification satisfactory to the Company so that the location of each meter and it's respective main 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.

1.6 The meter position height, as measured from the top of the meter to the final grade level, shall be 5 feet.

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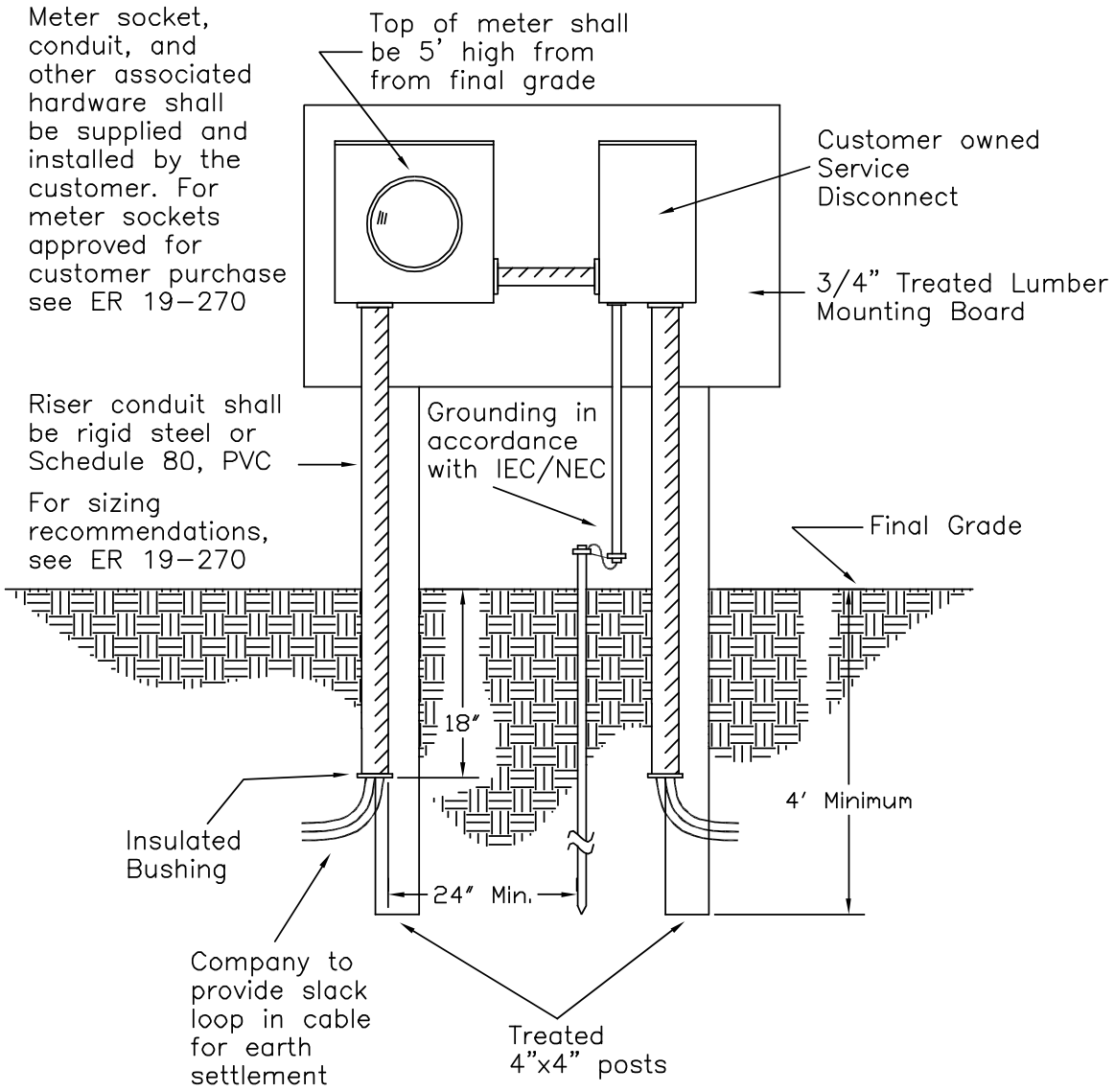
FIGURE 1--TYPICAL SELF-SUPPORTED METERING STRUCTURE