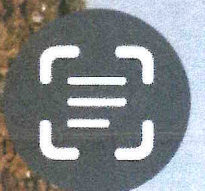
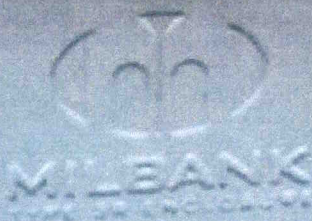
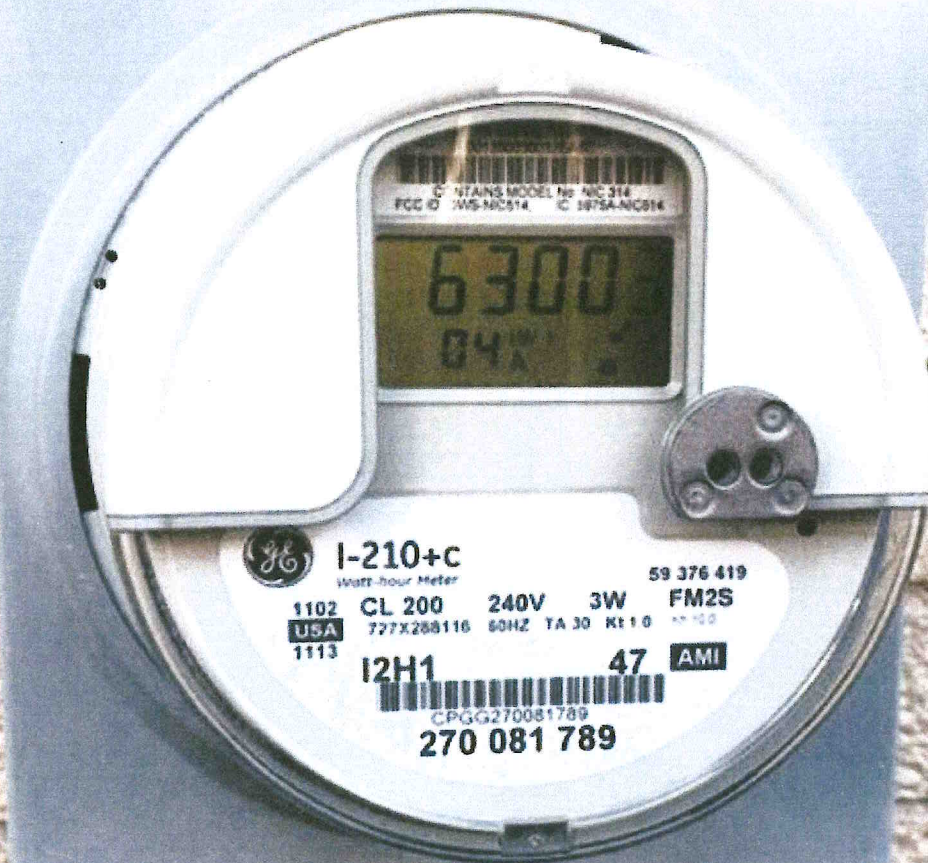




New 2020
NEC Require

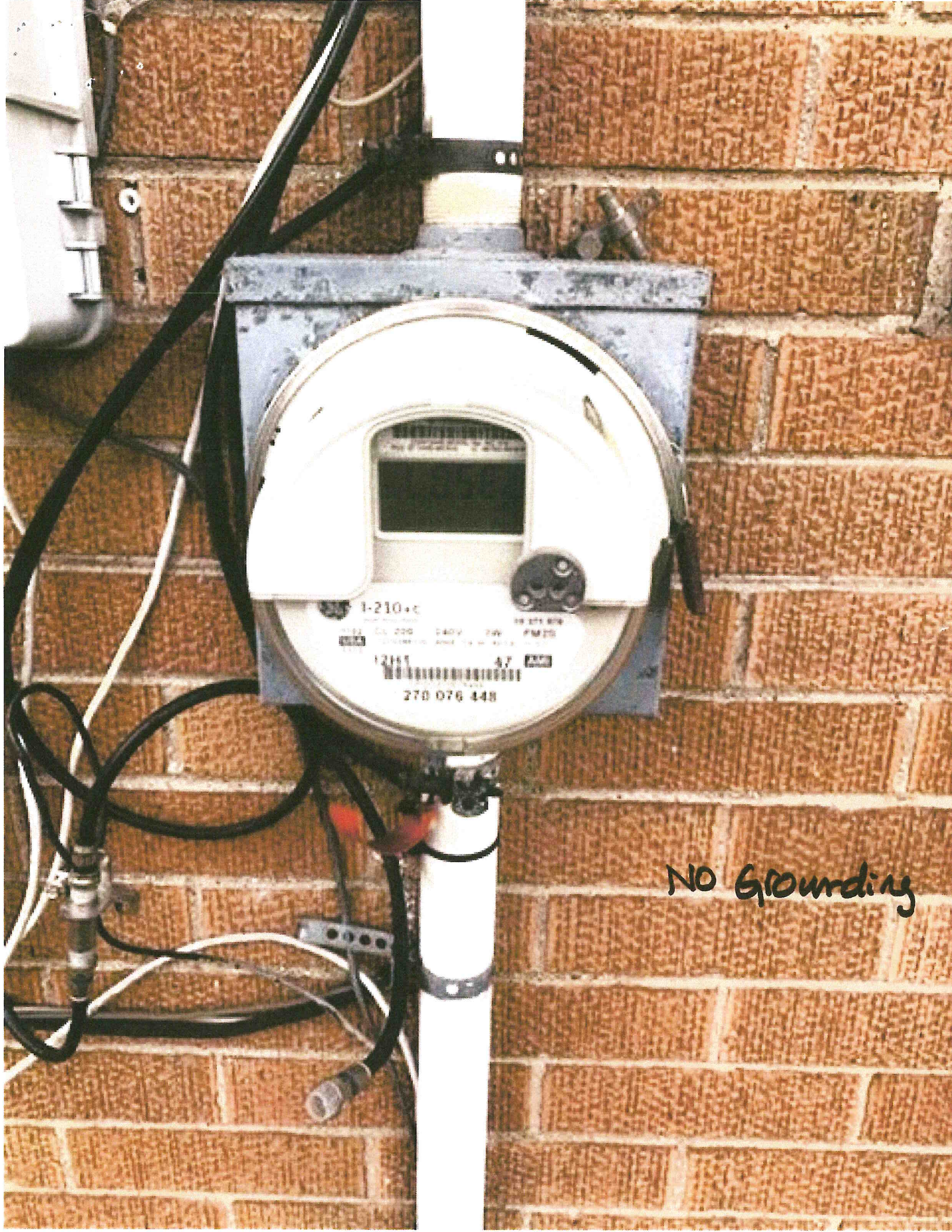




Good
Meter Fitting

Ground

← NEC Requires



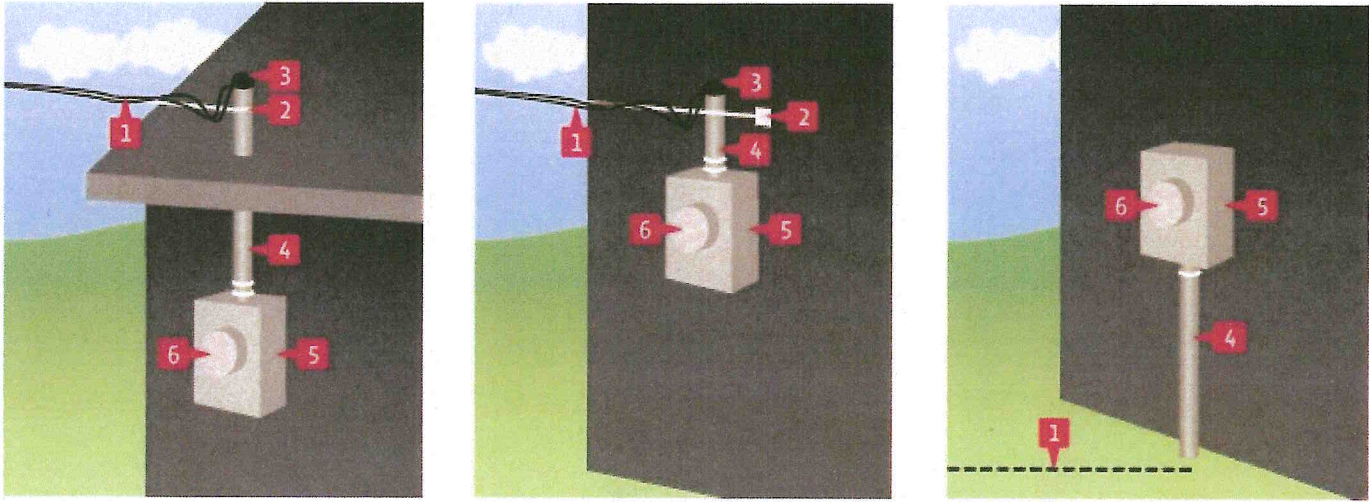
NO Grounding



NO grounding

Equipment Responsibility

When service damage occurs, it's important to understand who is responsible for the repair. Distinguish between areas owned by ComEd and areas owned by the customer.



1. **ComEd** - Electrical Service Wire coming from ComEd's system (overhead or underground)
2. **Customer** - Attachment (the point where ComEd equipment attaches to customer property)
3. **Customer** - Weather Head and wire drip loop (the weather resistant entry point for customer wires going to the meter box)
4. **Customer** - Riser/Raceway (the conduit that physically protects wires going to the meter box)
5. **Customer** - Meter Enclosure/Box (contains and safely secures the electric meter)
6. **ComEd** - Meter (measures the amount of electricity used by the customer)

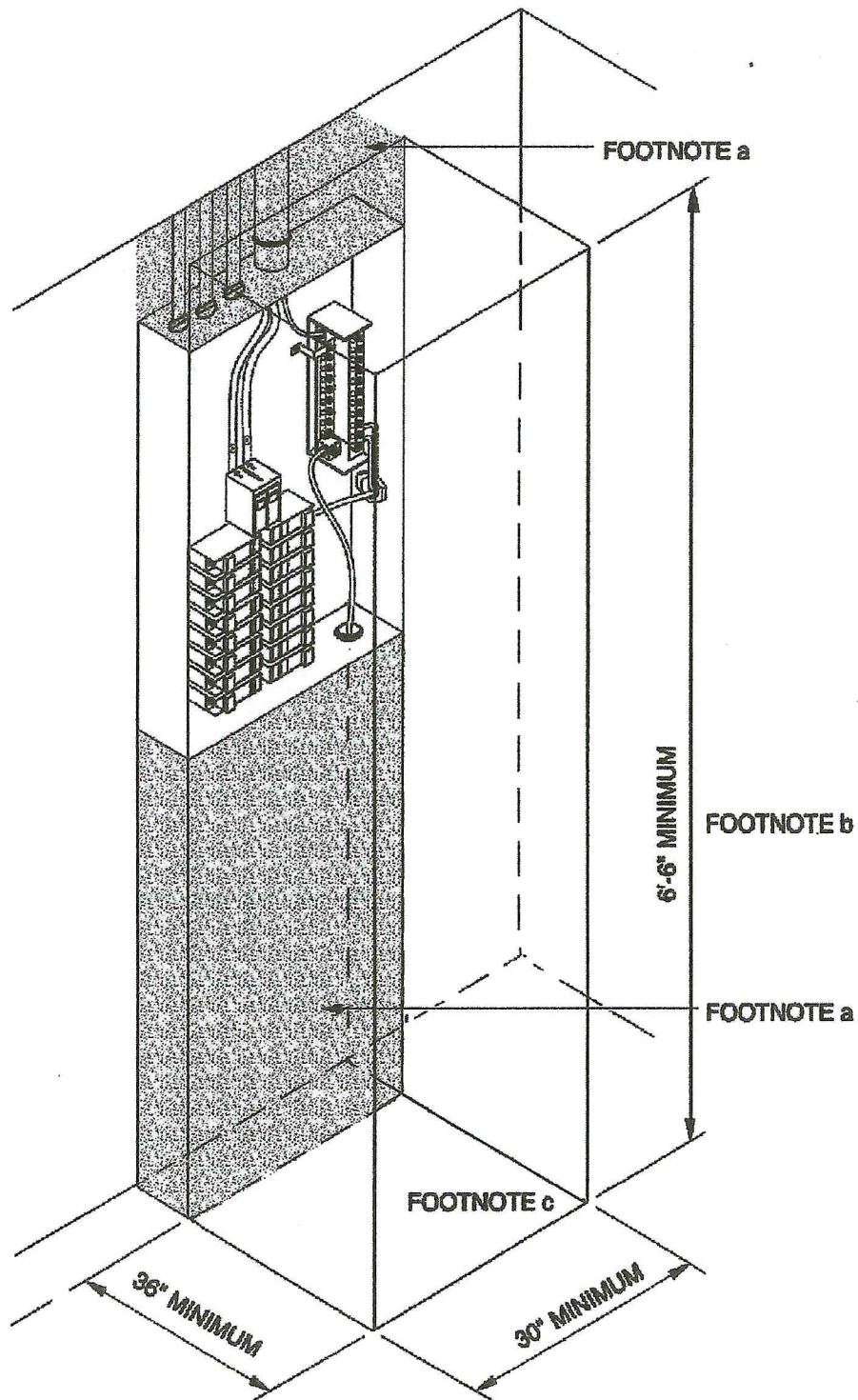
Residential Overhead Services

- ComEd will install an overhead service drop span length consistent with good engineering up to a maximum of 150 feet as part of the standard installation. Charges apply for any additional wire required.
- If a longer length is required to reach the customer's premise, additional equipment such as private property poles or extended service wire may be required. This additional equipment is installed and maintained by the customer.

Residential Underground Services

- ComEd will install underground cable (service wire) to the closest wall up to a maximum of 100 feet as part of the standard installation. Charges apply for any additional cable required.
- After repair work on underground cables is completed, ComEd will back-fill the trench to the original grade.
- If the customer caused the damage, the customer is responsible for the costs to repair the cable, for reseeding or re-sodding the area, and for replacing any structures, fences, patios associated with the damage.
- If ComEd is responsible for the repair (breakdown in cable, etc.), ComEd will reseed or resod the affected lawn or yard area back to its original condition.
- Easements must be kept clear of trees, bushes, structures, fences, patios, etc. The restoration of power after repair of cable can be delayed if ComEd cannot safely access its facilities.





For SI: 1 inch = 25.4 mm, 1 foot = 304.8 mm.

- a. Equipment, piping and ducts foreign to the electrical installation shall not be placed in the shaded areas extending from the floor to a height of 6 feet above the panelboard enclosure, or to the structural ceiling, whichever is lower.
- b. The working space shall be clear and unobstructed from the floor to a height of 6.5 feet or the height of the equipment, whichever is greater.
- c. The working space shall not be designated for storage.
- d. Panelboards, service equipment and similar enclosures shall not be located in bathrooms, toilet rooms, clothes closets or over the steps of a stairway.
- e. Such work spaces shall be provided with artificial lighting where located indoors and shall not be controlled by automatic means only.

FIGURE E3405.1^{a, b, c, d, e}
WORKING SPACE AND CLEARANCES