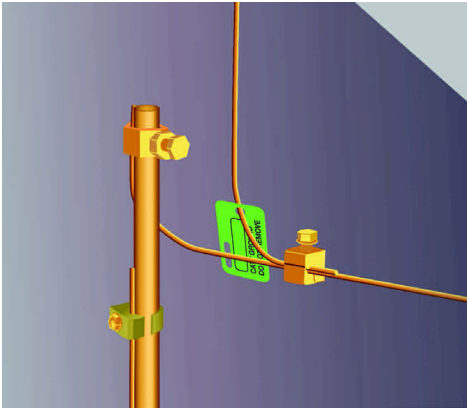
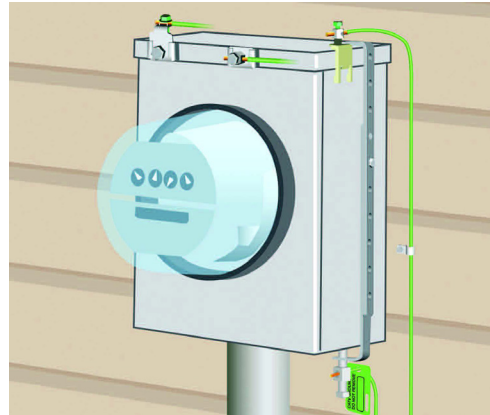


Bonding & Grounding Practices

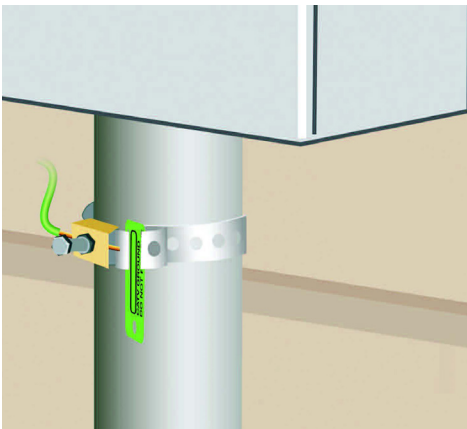
Power Ground



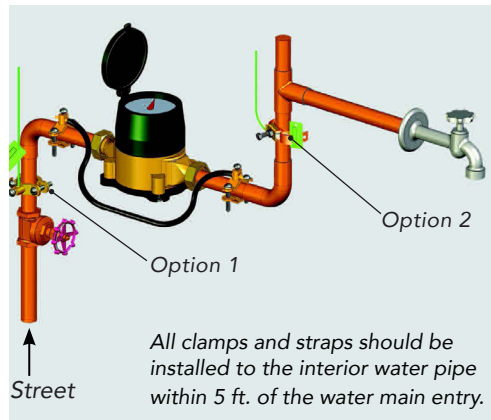
Power Meter Box



Metallic Service Mast Conduit



Copper Cold Water Pipe



- Bonding and grounding provides critical protection to both people and electrical equipment.
- 25 ohm targeted resistance between the system and ground.
- Both the power and communications systems need to be grounded.
- Communications and power systems should be bonded to one another to avoid dangerous high voltage potential between the systems.
- Bonding runs greater than 20ft. Should be made with #6 AWG wire,
- Bonding runs of less than 20ft. Should use a minimum of #12 AWG Wire.

MacLean Network Solutions

610 Pond Drive Wood Dale, IL 60191

Phone: 800-350-1650

Email: Sales@macleansenior.com

Website: www.macleannetworksolutions.com

MacLean Network Solutions All rights reserved.

09/21/2021