

TOWN OF TOPSHAM
ELECTRICAL
PERMIT APPLICATION

Date: _____

Site Address: _____

Property Use: _____

Property Owner: _____

Property Owner Mailing Address: _____ Phone Number: _____

Applicant: _____ Phone Number: _____

Applicant Email: _____

Applicant is (check one):

- A Maine Licensed Electrician: License Number _____
- A Manufactured Housing Dealer/Installer: License Number _____
- A Homeowner residing at this address

Check applicable box(s):

A permit IS required for the following work:

- New construction: Wires and fixtures associated with new buildings
- Additions to existing structures: Wires and fixtures associated with additions to buildings. *Note: Photovoltaic is a structural addition to a building and does require a permit using the Photovoltaic Permit application.*
- Repairs to structures that alter the existing wiring: Wires and fixtures replaced/installed in conjunction with a building renovation
- Repairs/replacement of line-side service equipment

A permit IS NOT required for the following work:

- All Low Voltage
- Additions and upgrades to an existing electrical system including;
 - o New, extended, or replacement branches
 - o New or replacement devices and systems such as but not limited to; outlets, lighting, water heater, stand-by generator, vehicle charging station, heat pump
 - o Repairs/replacement of load-side service equipment

Description of Work (If Photovoltaic do not use this form, use application for "Permit_Photovoltaic"):

I HERBY CERTIFY THAT: THE INFORMATION IN THIS APPLICATION IS COMPLETE AND CORRECT AND I AGREE TO COMPLY WITH ALL TOWN ORDINANCES AND LAWS APPLICABLE TO THIS PROJECT; I AM OR LEGALLY REPRESENT THE OWNER OF THE SUBJECT PROPERTY FOR THE PURPOSE OF OBTAINING THIS PERMIT; WHERE A PERMIT IS NOT REQUIRED, I UNDERSTAND I MAY ELECTIVLY SUBMITTED THIS FORM FOR PROCESSING INCLUDING COLLECTION OF A FEE.

Applicant Signature: _____ Printed Name: _____

FOR OFFICE USE ONLY

FEE: _____

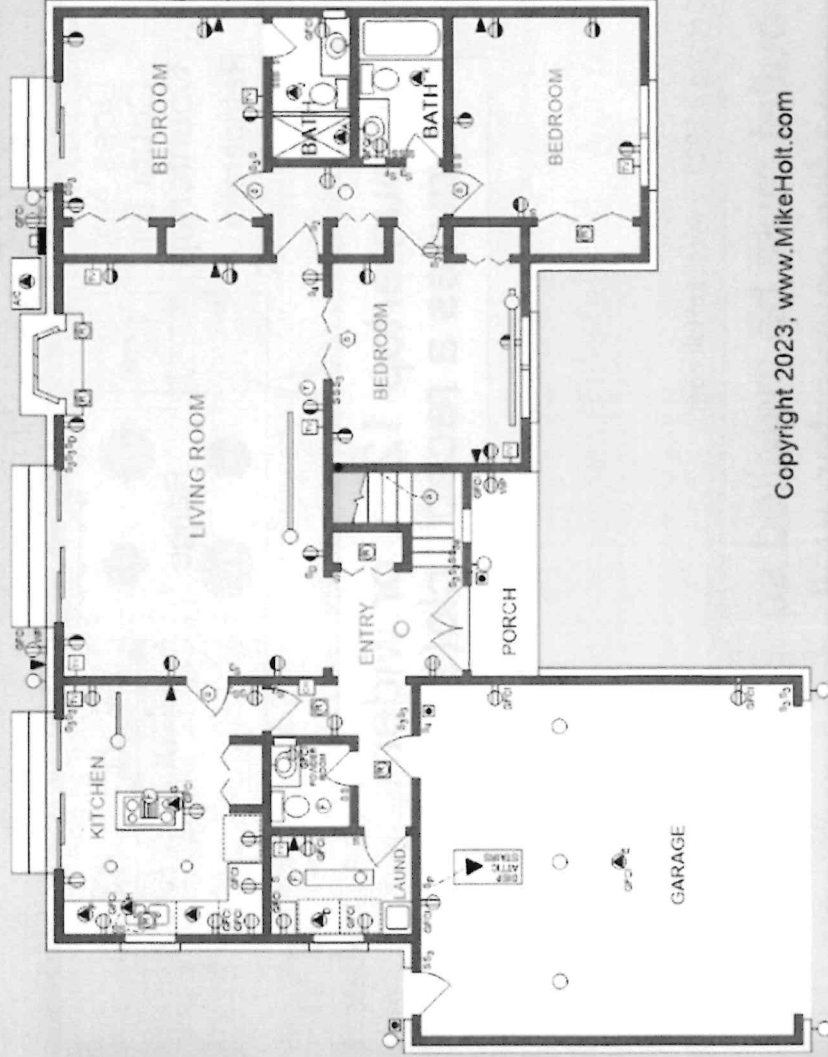
VISION

Map: _____ Lot: _____

PERMIT #: EL _____

APPROVED / DISAPPROVED; CEO SIGNATURE: _____ DATE: _____

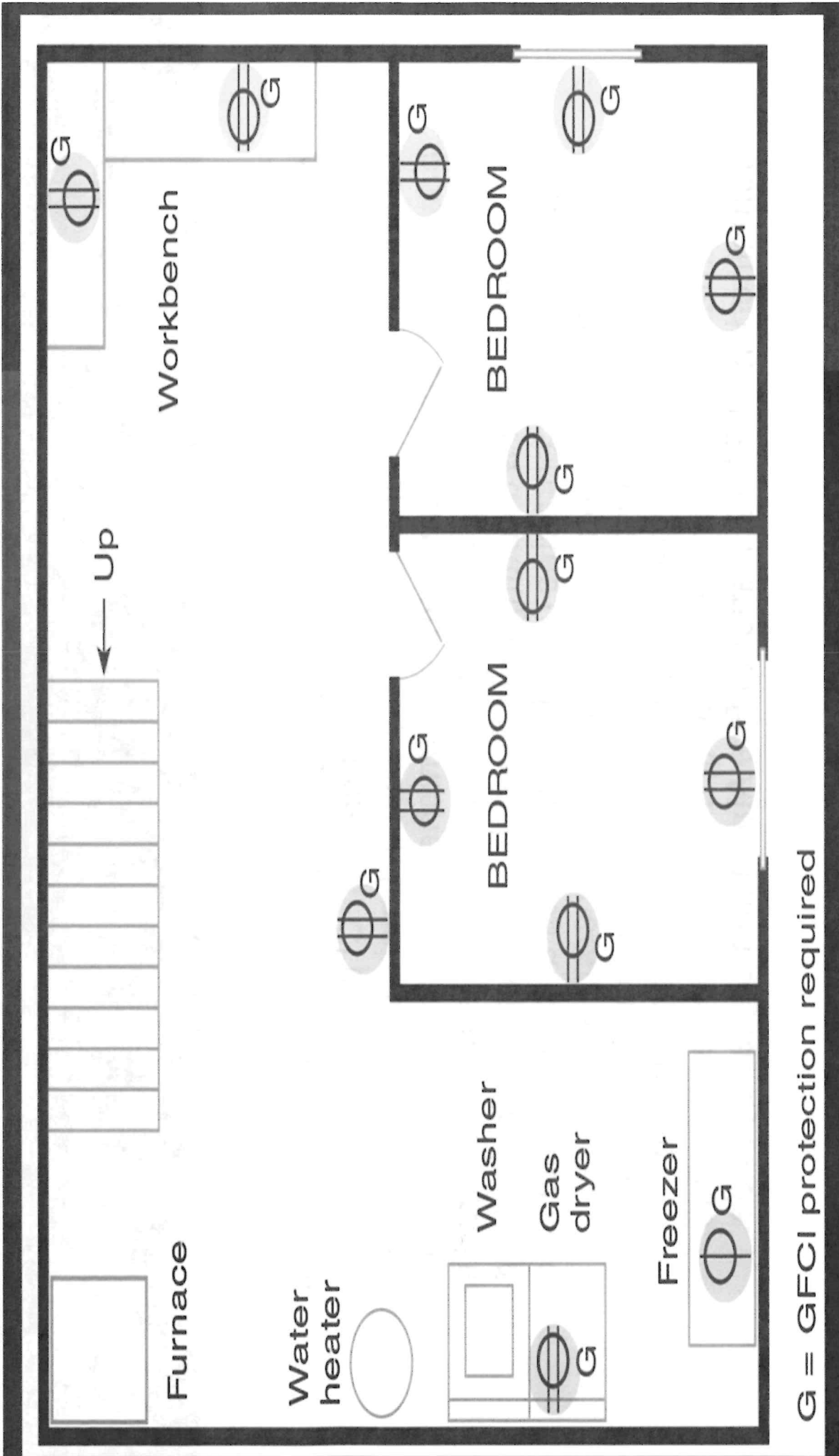
AFCI Protection, Dwelling Units 210.12(B)



- Bedrooms
- Closets
- Dens
- Dining Rooms
- Family Rooms
- Hallways
- Kitchens
- Laundry Areas
- Libraries
- Living Rooms
- Parlors
- Rec Rooms
- Sunrooms
- Similar Areas

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AFCI protection is required for 15A or 20A, 120V branch circuits in the following dwelling unit locations:



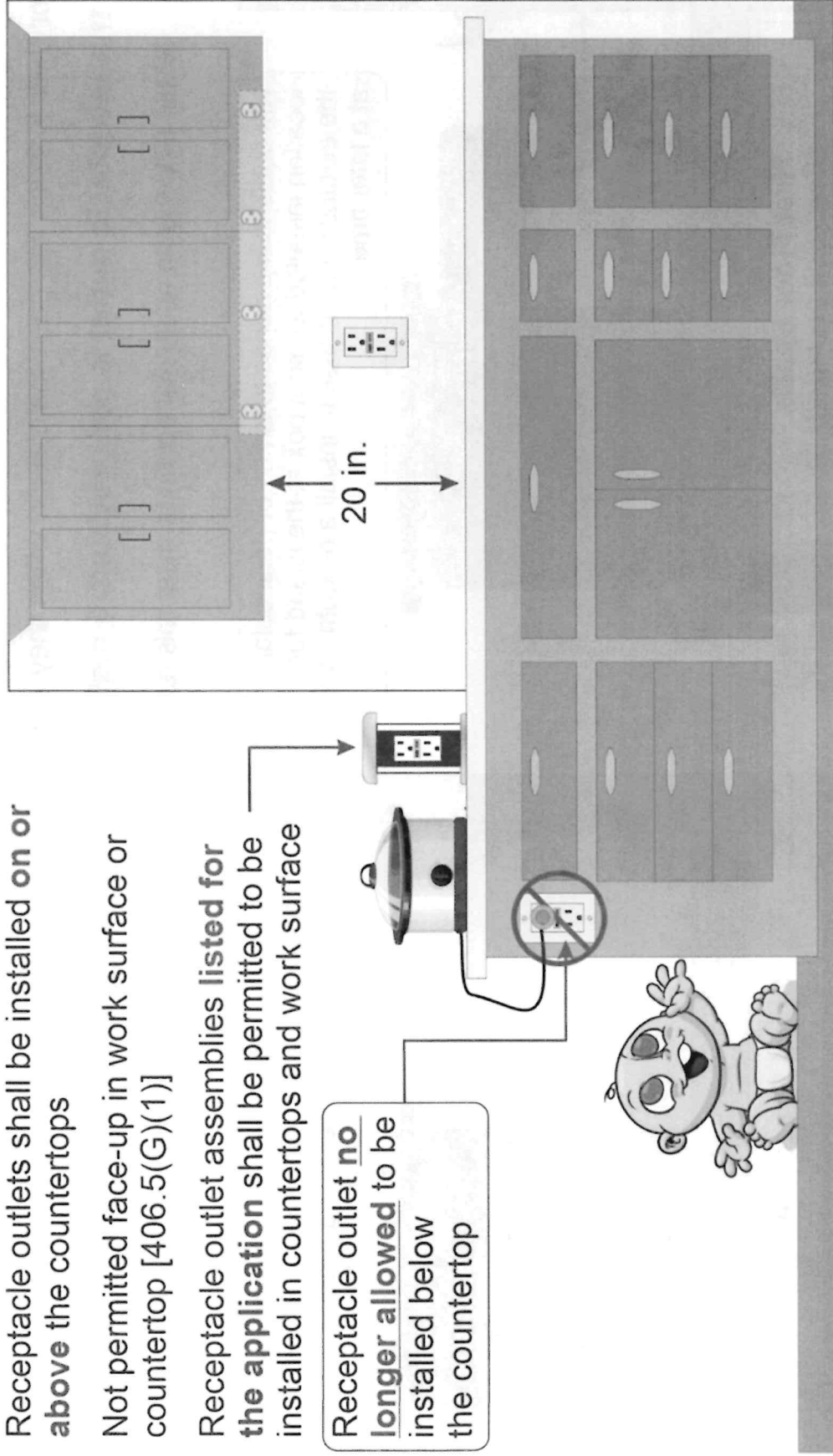
210.52(C) Islands and Peninsular Receptacles- Dwelling Units

Receptacle outlets shall be installed on or above the countertops

Not permitted face-up in work surface or countertop [406.5(G)(1)]

Receptacle outlet assemblies listed for the application shall be permitted to be installed in countertops and work surface

Receptacle outlet no longer allowed to be installed below the countertop

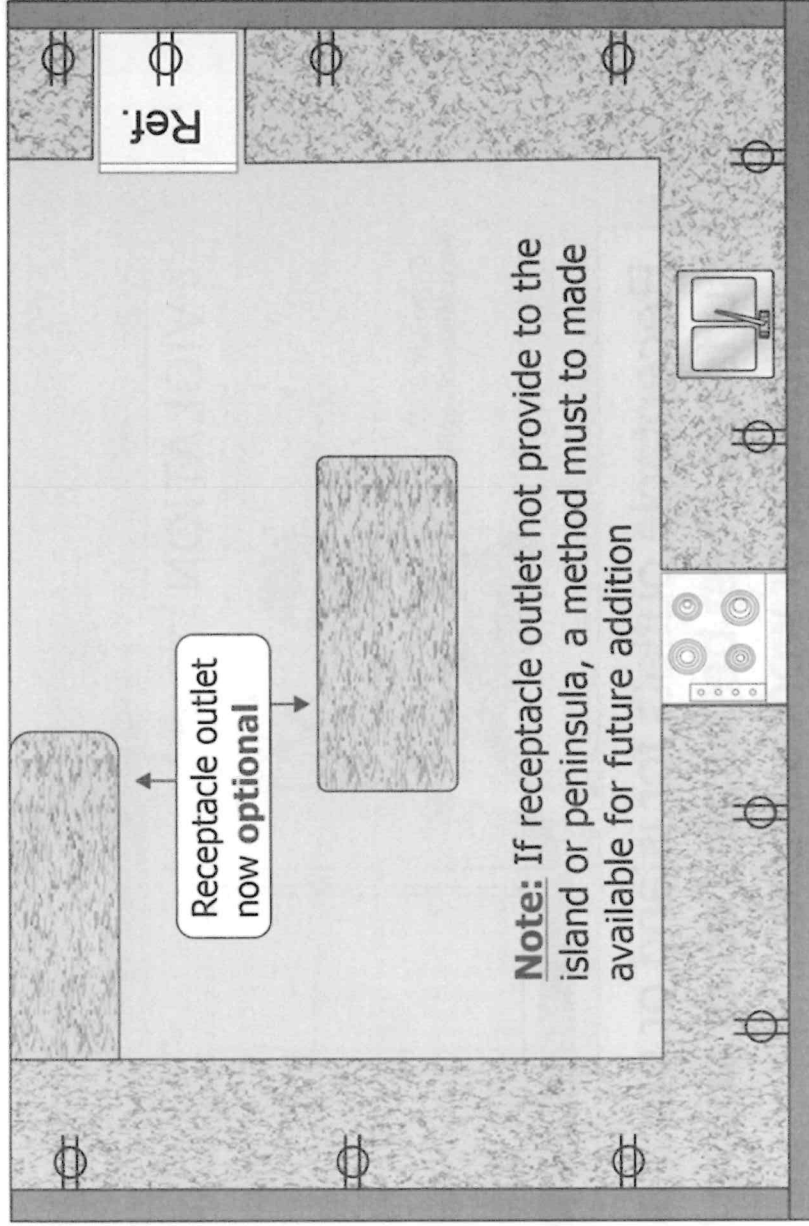


210.52(C) Island and Peninsular Countertops and Work Surfaces

Receptacles serving the countertop or work surface of an island or peninsula are **optional**, but guidance for their location has been maintained when they are provided

An estimated 9,700 burns or other injuries were treated in U.S. hospital emergency rooms from Jan. 1991-2020

Children pull cords and appliances fall from kitchen countertops

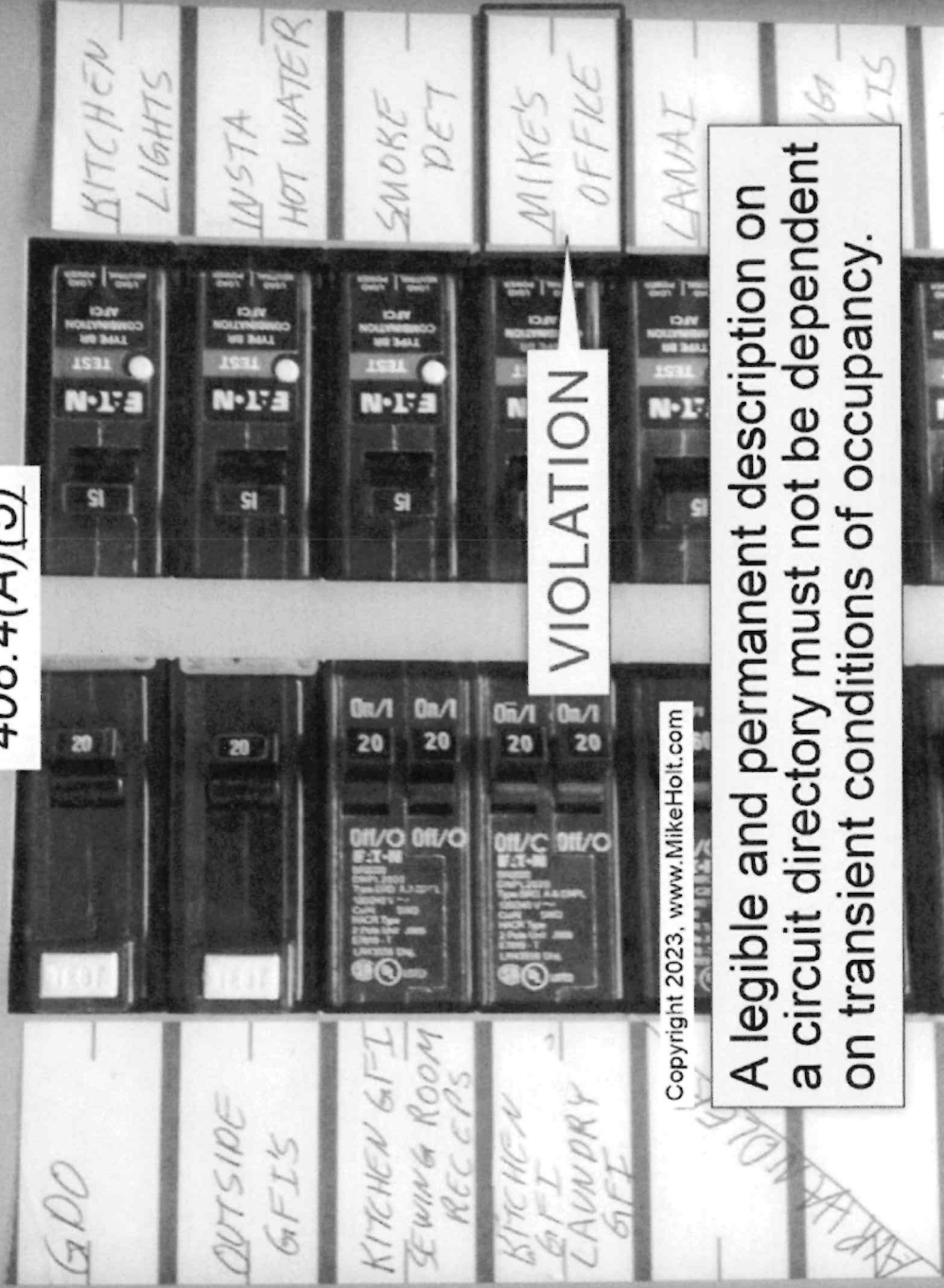




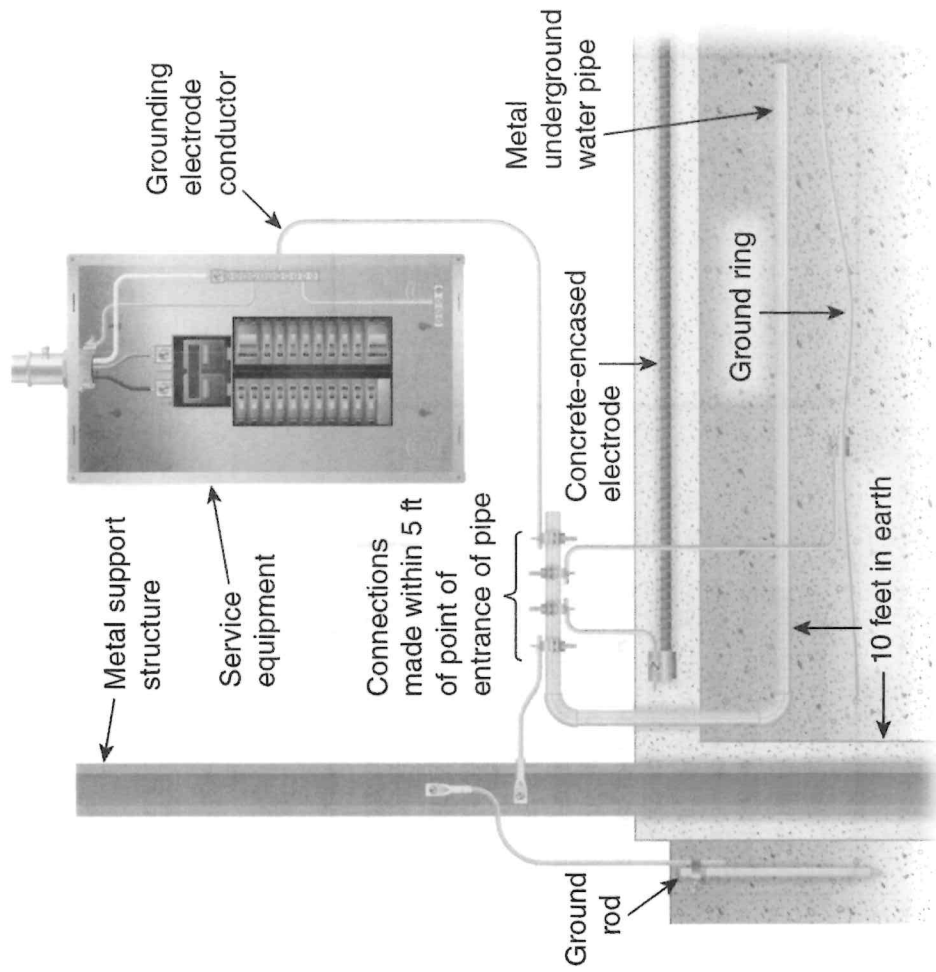
230.67

- Sensitive electronics and systems found in modern appliances, safety devices [e.g., arc-fault circuit interrupters (AFCIs), ground-fault circuit interrupters (GFCIs), and smoke alarms], and other equipment used in dwellings warrant protection by surge-protective devices. Additionally, the increased use of distributed energy resources within electrical systems creates more opportunity for the introduction of or greater exposure to surges in the system.

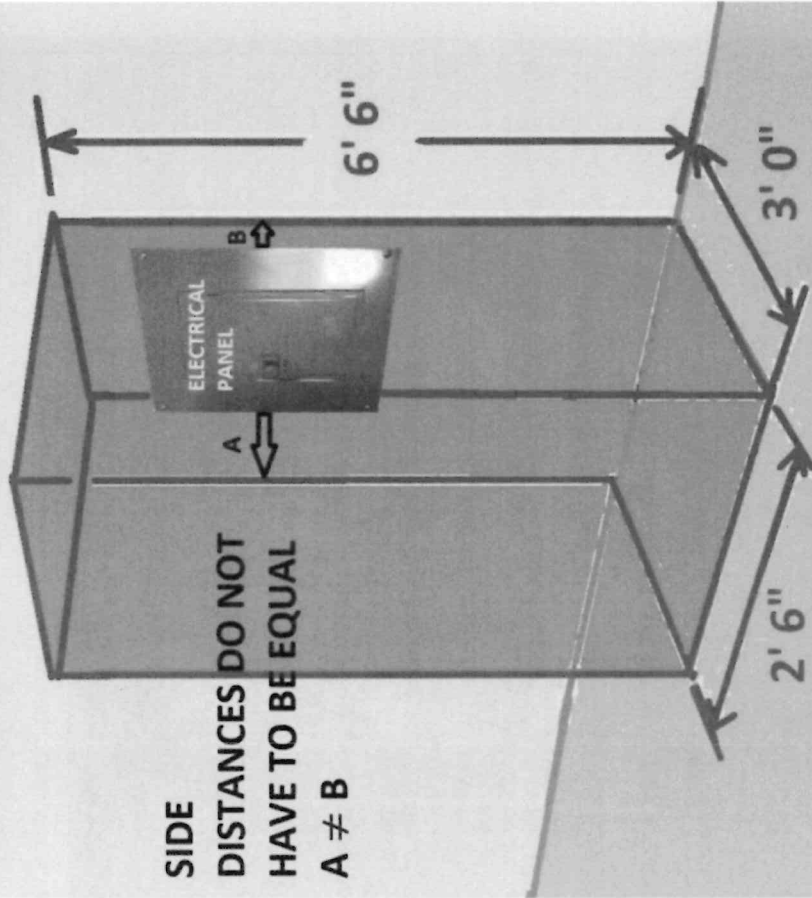
Switchboards and Panelboards
Circuit Description, Transient Conditions
408.4(A)(5)



A legible and permanent description on a circuit directory must not be dependent on transient conditions of occupancy.



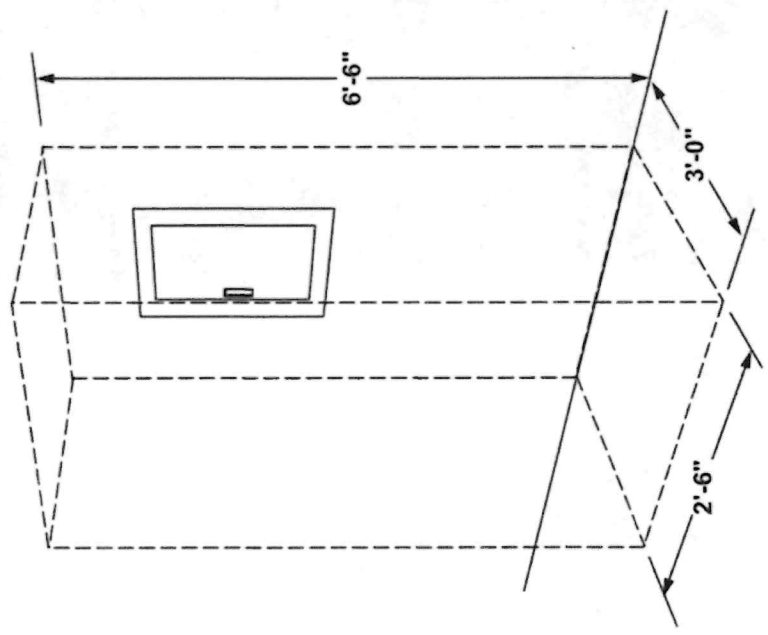
ELECTRICAL PANEL WORKING SPACE



SIDE DISTANCES DO NOT HAVE TO BE EQUAL
A ≠ B

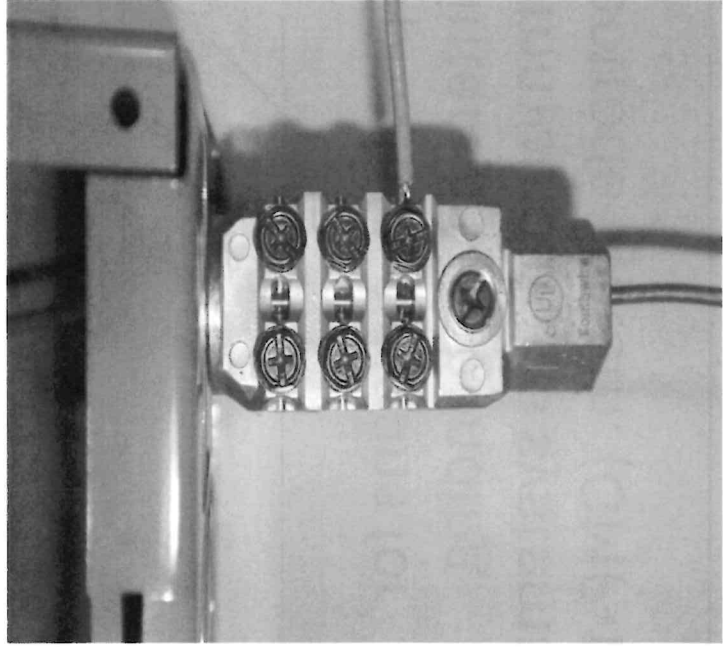
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Minimum Access Clearance Around a Service Panel



Intersystem Bonding Termination Device

Grounding Bridge



Used with PVC Conduit

