



MABCD CONSTRUCTION INDUSTRY NEWSLETTER

Issue 37—June 2024

<https://www.sedgwickcounty.org/mabcd/mabcd-newsletter/>

Chris Nordick - Editor

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Administration

Reminder from MABCD Administration:

Avoid delays in the approval of your roofing permit applications!

Kansas Attorney General Roofing Contractor Registration is due by June 30th.

To allow for transmission and processing time, **we strongly recommend emailing your application and documents to roofing@ag.ks.gov by May 1st.**

If your application is delayed or remains incomplete after June 30th, your registration status may change to “not in good standing” and MABCD will not process your roofing permit.

See the link below:

<https://ag.ks.gov/licensing/roofing-registration>

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Special points of interest

- Roofing Contractor Registration.
- 2023 NEC—Receptacle requirements at Kitchen Islands and Peninsular.
- Plumbing Ground Rough.
- Fire Safety During Construction and Demolition.
- Advisory Board calendar.

Electrical Division-

Please visit our website for more information: [Electrical, Elevator, & Alarm Division](#)

2023 National Electrical Code (NEC) adoption Article 210.52(C)(2)—Island and Peninsular Countertops and Work Surfaces

With the adoption of the 2023 NEC, there are several significant changes that we want everyone to be aware of. This Month we will be highlighting Article 210.52(C)(2)

Article 210.52(C)(2)—Island and Peninsular countertops and Work Surfaces.

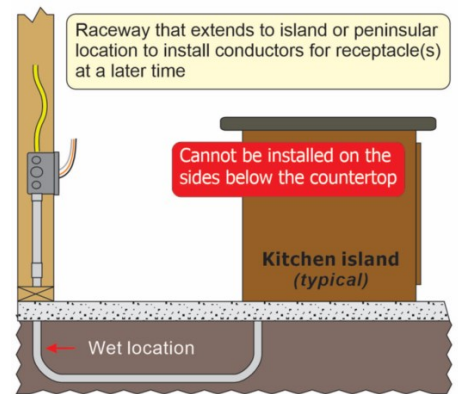
The requirement for receptacles serving the countertop or work surface of an island or peninsular has been **made optional**, but guidance for their location has been maintained when they are provided.

In the event a receptacle is not provided, the electrical contractor shall provide a method to the island or peninsular for future addition of a receptacle. Some examples may include:

1. Install an NM or UF cable (as required in a wet location) to the island or peninsular and terminate in a box with a cover.
2. Access is provided through an unfinished basement or crawl space.
3. A conduit is ran to the location for future use (slab on grade homes, etc.).

In the event a receptacle is provided, the receptacle is **no longer** allowed to be installed below the countertop. Receptacles shall be installed on or above the countertops.

Receptacle outlet assemblies listed for on the counter applications (pop-up style) shall be permitted to be installed in countertops and work surfaces. Receptacles are not permitted to be installed in a face-up position in work surface or countertops (406.5(G)(1)).



These and all other requirements have become effective with the May 2024 adoption, and MABCD will begin enforcement of these requirements January 1, 2025. MABCD's intention is to allow the use of either Code to the advantage and benefit of the builders, contractors, and home owners.

Plumbing Division-

Please visit our website for more information: [Plumbing Division](#)

Plumbing Ground Rough Installation

The pictures below show an attempt at a ground rough installation that has numerous code compliance deficiencies.

Section 312.2 of the 2021 Uniform Plumbing Code states in part “No plumbing piping shall be directly embedded in concrete or masonry.”

Section 313.5 states in part “Piping in the ground shall be laid on a firm bed for its entire length”

Section 708.0 States in part “ Horizontal drainage piping shall be run in practical alignment and a uniform slope of not less than ¼ inch per foot or 2 percent toward the point of disposal”.

The pictures below show a drain installed on top of or above the footing in a manner that would embed the piping in the concrete slab and impose the load of the building on the piping and impair the integrity of the concrete slab at the load bearing edge. The pictures also show that the atmospheric precipitation (rain) has saturated the trench and does not provide a firm bed and the piping is dangling in the air where it is not propped up on dirt clods or rocks. All horizontal drain waste and vent piping below the concrete floor must be entirely in the soil or sand and must not extend into the concrete floor slab.



Section 904 of the 2021 Uniform Plumbing Code states in part “the drainage piping of each building..... shall be vented by means of one or more vent pipes the aggregate cross sectional area of which shall be not less than that of the building sewer”. The minimum sewer size in the MABCD jurisdiction is 4 inch diameter. The cross sectional area of a 4 inch pipe is 12.56 square inches. Calculation formula for the area of a circle is Pi (3.14) multiplied by the radius squared. Code compliant solutions may include 2 each of 3 inch vents, 2 each of 2 inch vents and a 3 inch vent or 4 each of 2 inch vents to achieve 12.56 square inches.

The plumbing inspection staff would like to wish everyone a safe and happy summer!

If you have a plumbing or sewer topic you would like to see discussed in the newsletter please email

Jason.little@Sedgwick.gov

2018 IFC—CHAPTER 33

FIRE SAFETY DURING CONSTRUCTION AND DEMOLITION

SECTION 3313 STANDPIPES

3313.1 Where required. In buildings required to have standpipes by Section 905.3.1, not less than one standpipe shall be provided for use during construction. Such standpipes shall be installed prior to construction exceeding 40 feet (12 192 mm) in height above the lowest level of fire department vehicle access. Such standpipes shall be provided with fire department hose connections at locations adjacent to stairways complying with Section 3311.1. As construction progresses, such standpipes shall be extended to within one floor of the highest point of construction having secured decking or flooring.

3313.2 Buildings being demolished. Where a building is being demolished and a standpipe is existing within such a building, such standpipe shall be maintained in an operable condition to be available for use by the fire department. Such standpipe shall be demolished with the building but shall not be demolished more than one floor below the floor being demolished.

3313.3 Detailed requirements. Standpipes shall be installed in accordance with the provisions of Section 905.

Exception: Standpipes shall be either temporary or permanent in nature, and with or without a water supply, provided that such standpipes comply with the requirements of Section 905 as to capacity, outlets, and materials.



MABCD Advisory Boards - Calendar

- [Board of Building Code Standards and Appeals \(BCSA\)](#)
- [Board of Electrical Appeals \(BEA\)](#)
- [Board of Appeals of Refrigeration, Air Conditioning, Warm Air Heating, and Boiler](#)
- [Board of Appeals of Plumbers and Gas Fitters](#)

June 2024

Sun	Mon	Tue	Wed	Thu	Fri	Sat
						1
2	3 MABCD BCSA Meeting CANCELED	4	5	6 MABCD Mechanical Board Meeting	7	8
9	10	11 MABCD Electrical Board Meeting	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26 MABCD Plumbing Board Meeting	27	28	29
30						