



# MABCD CONSTRUCTION INDUSTRY NEWSLETTER

Issue 24– May 2023

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

Chris Nordick - Editor

Get all of your latest MABCD news each month right here with the MABCD newsletter

## Administration-

**▲** MABCD is accepting appointments for in-person customer transactions for permits and licensing. Appointments can be made at <https://mabcd.timetap.com/#/>. All services are available online, and customers are encouraged to utilize virtual options to the maximum extent possible.

For assistance or questions with permitting, call 316-660-1840.

MABCD PORTAL - To obtain new permits, schedule inspections, or pay fees through the MABCD Portal - <https://mabcdportal.sedgwickcounty.org>.

MABCD PORTAL - City of Wichita Neighborhood Inspection office. No Walk-in traffic. Use the portal - <https://mabcdportal.sedgwickcounty.org> Nuisance reporting then Customer Service to report issues or call 316-660-9220

MABCD Plan Review examiners - [Plans Examiners Contact Info](#)

MABCD's Administration Email - [MABCD@sedgwick.gov](mailto:MABCD@sedgwick.gov). - (for inquiries regarding permits, licensing, insurance.).

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The Next Board of Building Code Standards and Appeals meeting will be held on Monday May 1, 2023.

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### Special points of interest

- Scheduling Appointments.
- Sheathing Requirements for roofs.
- Arc Flash Requirements..
- Corrugated Drain Pipe.
- Fires on Construction Sites
- Advisory Board calendar.

# Building Division-

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

## SHEATHING REQUIRMENTS FOR ROOFS

### SHEATHING REQUIREMENTS FOR ROOFS

Questions regarding roof decking/sheathing requirements for asphalt shingled roof systems come into MABCD on a daily basis.

The International Residential Code addresses these requirements in IRC R905.2.1.

IRC R905.2.1 Sheathing requirements. Asphalt shingles shall be fastened to solidly sheathed decks.

Below is the letter sent out to roofing contractors in 2013 defining solidly sheathed decks per MABCD standards. Please refer to this letter when considering code requirements in Sedgwick County.



*Sedgwick County...  
working for you*

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### Wichita-Sedgwick County Metropolitan Area Building and Construction Department

October 30, 2013

Re: International Residential Code, Section R905.2.1

This letter is in response to your inquiry about placing asphalt shingles over spaced- sheathing (one-by lumber) roofs in the MABCD jurisdiction. The IRC, Section R905.2.1 states, "The installation of asphalt shingles shall be fastened to solidly sheathed decks." The intent of this section is to ensure that all fasteners placed through the shingle penetrate into a solid surface in order to securely hold the shingles in place during windy periods. There is no way to verify that the fasteners did not go in the spaced gap between the spaced boards placed over the rafters. When inspecting the finished roofing installations from the attic space, the one-by boards are often splintered at the edges, broken at existing knots, or the fasteners were placed within the gapped areas between the boards.

This is the basis that the MABCD requires solid sheathing installed over the top of the existing spaced sheathing. Many manufactures require this also in their manufacturer's installation instructions as well. Please contact me if you have any questions.

Thank you,

Bud Lett- Asst. Director  
MABCD

# Electrical Division-

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

## Arc-Flash Hazard Warning - Article 110.16 & Available Fault Current - Article 110.24

There has been some confusion and discussions regarding properly labeling service equipment.

### Article 110.16 (B) - Arc-Flash Hazard Warning.

In other than dwelling units, **in addition to the requirements of 110.16 (A)**, a permanent label shall be field or factory applied to service equipment rated 1200 amps or more. The label shall meet the requirements of 110.21 (B) and contain the following information:

- 1) Nominal System Voltage.
- 2) Available fault current at the service overcurrent protective device.
- 3) The clearing time of the OCPD based on the available fault current at the service equipment.
- 4) The date the label was applied.

The additional requirements that are in 110.16 (A) are as follows:

Electrical equipment, such as switchboards, switchgear, panel-boards, industrial control panels, meter socket enclosures, and motor control centers, that is in **other than dwelling units**, and is likely to require examination, adjustment, servicing, or maintenance while energized, shall be field or factory marked to warn qualified persons of potential electric arc-flash hazards. The marking shall meet the requirements in 110.21 (B) and shall be located so as to be clearly visible to qualified persons before examination, adjustment, servicing, or maintenance of the equipment.

Article 110.16 does not state an amperage limitation or minimum.

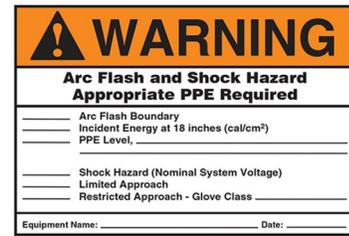
### Article 110.24 - Available Fault Current.

**Service Equipment at other than dwelling units** shall be legibly marked in the field with the available fault current. The field marking (s) shall include the date the fault current calculation was performed and be of sufficient durability to withstand the environment involved. The calculation shall be documented and made available to those authorized to design, install, inspect, maintain, or operate the system.

Article 110.24 does not state an amperage limitation or minimum.

### The available fault current is required at ALL service equipment regardless of its size.

Get your free resource on how to read and apply the rules of the label below.  
<https://www.70econsultants.com/Downloads/RozellLabelPosterv8.pdf>



## Plumbing Division-

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

### Corrugated Drain Pipe

Are corrugated drain pipe and fittings code approved?

Section 310.5 of the 2021 Uniform Plumbing Code states in part that “No fitting, fixture and piping connection, appliance, device, or method of installation that obstructs or retards the flow of water, waste, sewage, or air in the drainage or venting system , in an amount exceeding the normal frictional resistance to flow shall be used”.

Section 701.3.3 states in part that “Fittings used for drainage shall be of the drainage type, have a smooth interior waterway, and be constructed to allow ¼ inch per foot grade.”

Accordion type corrugated drain pipe and fittings are not code approved for use in the MABCD jurisdiction.



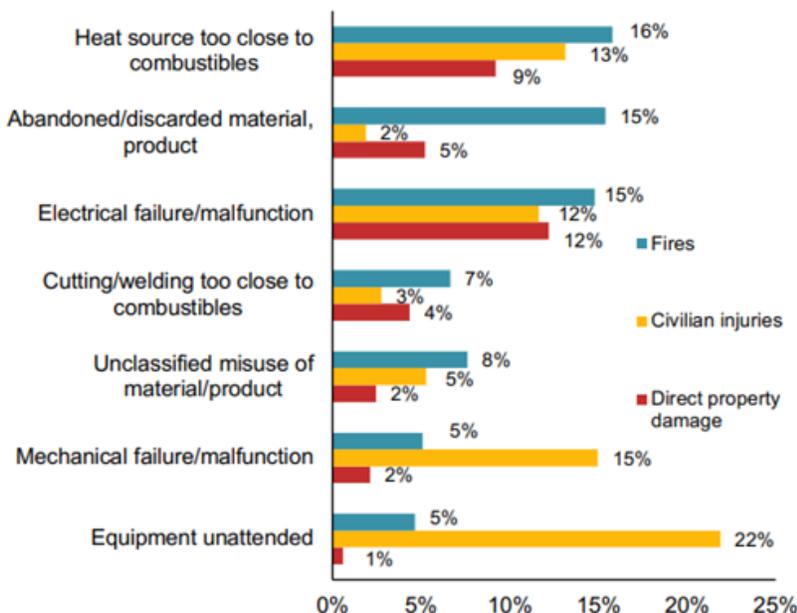
# Wichita Fire Department-

## FIRES DURING CONSTRUCTION/DEMOLITION



The leading factors contributing to the ignition of fires in structures under construction included heat sources being too close to combustible materials, abandoned or discarded materials or products, and electrical failures or malfunctions, as shown in Figure 6. Other factors contributing to construction fires included cutting or welding too close to combustible materials, unclassified misuse of materials or products, mechanical failures or malfunctions, and unattended equipment. Good worksite practices should include regular maintenance for the equipment. Fire safety procedures for the use of powered equipment and combustible materials should be established.

**Figure 6. Fires in Structures under Construction by Factors Contributing to Ignition, 2016–2020 Annual Averages.**



# 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](#)

# May 2023

Sun	Mon	Tue	Wed	Thu	Fri	Sat
	1 MABCD BCSA Board Meeting	2	3	4 MABCD Mechanical Board Meeting	5	6
7	8	9 MABCD Electrical Board Meeting	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31 MABCD Plumbing Board Meeting			6

## Directors Desk -



**[Chris W. Labrum](#)**

*Director*

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