



MABCD CONSTRUCTION INDUSTRY NEWSLETTER

Issue 17– October 2022

<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-

General Contractor License renewal began on Sept 1st. General Contractors will have the option to renew on line through the MABCD portal.

Please see the MABCD website: [Contractor Licensing | Sedgwick County, Kansas.](#)

General Contractor License Renewal

Items to Submit - Bring or upload 4 items (application plus insurance certificates (3) - see below for details)

1. Application

- Complete the front and back of the contractor license application.
- Make sure **everyone signs** the application. (Qualified person AND Owner/Sole proprietor / all Partners / Officer of Corporation/LLC)
- **NOTE:** If you are a sole proprietor, all forms must be filled out "*applicant name dba company name*". Example - Julie Jones dba Best Builder Company.

2. Certificate of Liability insurance (at least \$300,000 in General Liability) showing MABCD as the certificate holder.

Certificate Holder **MUST** read: **MABCD271 W. 3rd Suite 101 Wichita, KS 67202**

- Name of insured **MUST MATCH** the company name on application. In the case of a sole proprietor, insurance is for "*applicant name dba company name*"
- Address of the insured matches address of applicant's local/business office.

3. Worker's Compensation certificate of insurance or updated waiver.

4. Auto certificate of insurance or updated waiver.

5. Pay fees.

6. ****Waivers must be signed and notarized****

Inside this issue

Administration	1
Electrical Division	2
Mechanical Division	3
Plumbing Division	4
Wichita Fire Department	5
MABCD Advisory Boards	8
Directors Desk	9

Special points of interest

- General Contractor License Renewals.
- Ground Rod Installation.
- Makeup Air Required.
- Plumbing Board Open Position.
- WFD Vacant Premises.
- Advisory Board calendar.

Electrical Division-

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

Proper Installation of Grounding Electrodes (Ground Rods)

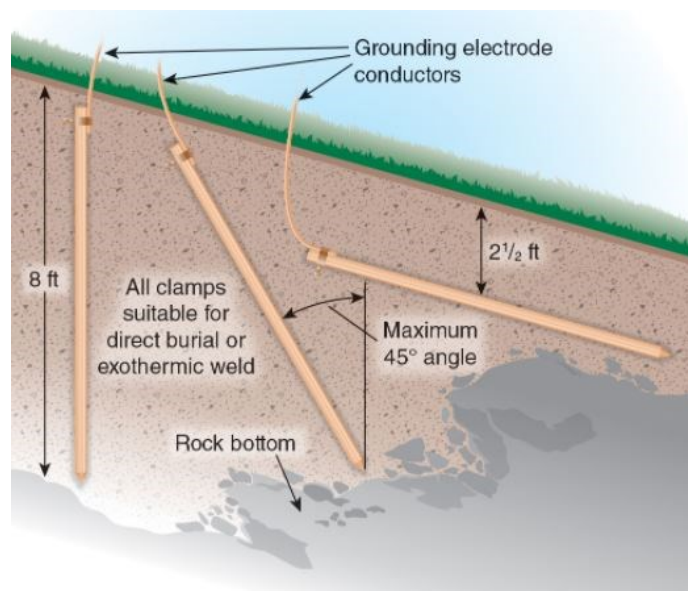
Section 250.52 - Grounding Electrodes-

Over the past few months we have seen an increase in illegal/improper installation of ground rods.

Ground rods are required on every electrical service, and at every structure where a concrete encased electrode does not exist. The ground rods are required to meet the requirements of the currently adopted NEC as follows:

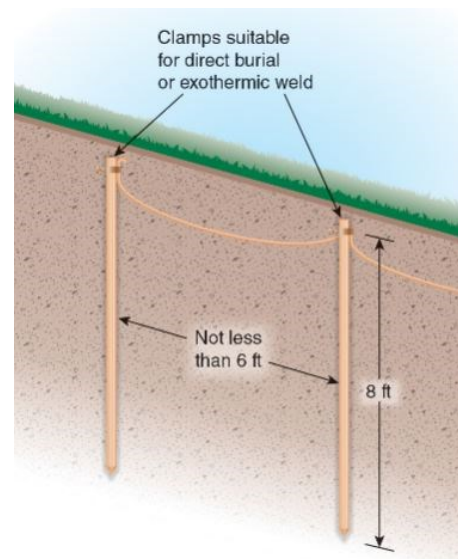
Section 250.52 (A) (5) - Rod and Pipe Electrodes. Rod and pipe electrodes shall not be less than 2.44 m (8 ft) in length and shall consist of the following materials.

- (a) Grounding electrodes of pipe or conduit shall not be smaller than metric designator 21 (trade size 3/4) and, where of steel, shall have the outer surface galvanized or otherwise metal-coated for corrosion protection.
- (b) Rod-type grounding electrodes of stainless steel and copper or zinc coated steel shall be at least 15.87 mm (5/8 in.) in diameter, unless listed.



Section 250.53 (A) (3) - Supplemental Electrode. If multiple rod, pipe, or plate electrodes are installed to meet the requirements of this section, they shall not be less than 1.8 m (6 ft) apart.

Section 250.53 (B) Electrode Spacing. Where more than one of the electrodes of the type specified in 250.52(A)(5) or (A)(7) are used, each electrode of one grounding system (including that used for strike termination devices) shall not be less than 1.83 m (6 ft) from any other electrode of another grounding system.



Two or more grounding electrodes that are bonded together shall be considered a single grounding electrode system.

Mechanical (HVAC) Division-

Please visit our website for more information [Mechanical \(HVAC\) Division](#)

2021 IRC Chapter 1503.6 - Makeup Air Required

Code Fact:

It is becoming more and more common for residential kitchens to resemble commercial kitchens, both aesthetically and functionally.

As a result, much larger capacity hoods are being installed which aggravate the already existing problem of a lack of makeup air for all exhaust in the dwelling.

This can cause a hazardous result of depressurization which can cause the failure of fuel-fired appliance venting systems to spill combustion products into the occupied spaces of the home.

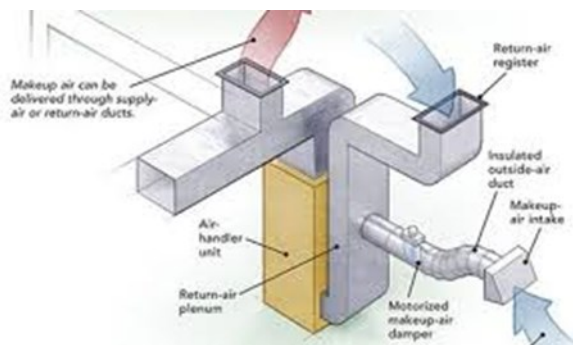
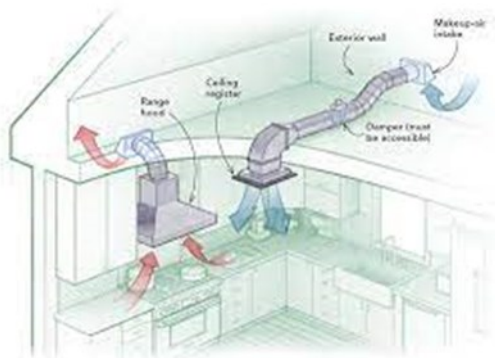
For this reason the code has added safety requirements for the makeup up air on residential hoods that are over 400 CFM.

2021 IRC Sec. 1503.6 - Makeup Air Required:

M1503.6 Makeup air required. CDP

Where one or more gas, liquid or solid fuel-burning *appliance* that is neither direct-vent nor uses a mechanical draft venting system is located within a dwelling unit's air barrier, each exhaust system capable of exhausting in excess of 400 cubic feet per minute (0.19 m³/s) shall be mechanically or passively provided with makeup air at a rate approximately equal to the exhaust air rate. Such makeup air systems shall be equipped with not fewer than one damper complying with Section M1503.6.2.

Exception: Makeup air is not required for exhaust systems installed for the exclusive purpose of space cooling and intended to be operated only when windows or other air inlets are open.



M1503.6.2 Makeup air dampers.

Where makeup air is required by Section M1503.6, makeup air dampers shall comply with this section. Each damper shall be a gravity damper or an electrically operated damper that automatically opens when the exhaust system operates. Dampers shall be located to allow access for inspection, service, repair and replacement without removing permanent construction or any other ducts not connected to the damper being inspected, serviced, repaired or replaced. Gravity or barometric dampers shall not be used in passive makeup air systems except where the dampers are rated to provide the design makeup airflow at a pressure differential of 0.01 in. w.c. (3 Pa) or less.

Plumbing Division-

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

Open Board Position - Appeals Board of Plumbers and Gas Fitters

The Appeals Board for Plumbers and Gas Fitters has an open position.

The open board seat is designated for a Mechanical Contractor whose experience and training is specific to, but not limited to, mechanical contracting. A qualified applicant should possess a Master Mechanical certificate.

This is a City of Wichita advisory board appointment. More information and an application for this Advisory Board position may be found on the City of Wichita webpage. Please use the link below.

[OnBoard2 | City of Wichita KS](#)

The Appeals Board for Plumbers and Gas Fitters convenes monthly on the last Wednesday of each month at 9am. The meetings may be attended in person at 271 W. 3rd N. or virtually by the use of ZOOM meeting software and an internet connection.

For more information, please contact the Chief Plumbing Inspector Jason Little.

Jason.little@sedgwick.gov 316-660-1717.

Wichita Fire Department-

Section 311 - Vacant Premises



SECTION 311 VACANT PREMISES

311.1 General. Temporarily unoccupied buildings, structures, premises, or portions thereof, including tenant spaces, shall be safeguarded, and maintained in accordance with Sections 311.1.1 through 311.6.

311.1.1 Abandoned premises. Buildings, structures and premises for which an owner cannot be identified or located by dispatch of a certificate of mailing to the last known or registered address, which persistently or repeatedly become unprotected or unsecured, which have been occupied by unauthorized persons or for illegal purposes, or which present a danger of structural collapse or fire spread to adjacent properties shall be considered to be abandoned, declared unsafe and abated by demolition or rehabilitation in accordance with the International Property Maintenance Code and the International Building Code.

311.1.2 Tenant spaces. Storage and lease plans required by this code shall be revised and updated to reflect temporary or partial vacancies.

311.2 Safeguarding vacant premises. Temporarily unoccupied buildings, structures, premises, or portions thereof shall be secured and protected in accordance with Sections 311.2.1 through 311.2.3.

311.2.1 Security. Exterior and interior openings open to other tenants or unauthorized persons shall be boarded, locked, blocked, or otherwise protected to prevent entry by unauthorized individuals. The fire code official is authorized to placard, post signs, erect barrier tape or take similar measures as necessary to secure public safety.

311.2.2 Fire protection. Fire alarm, sprinkler and standpipe systems shall be maintained in an operable condition at all times.

Wichita Fire Department-

Section 311 - Vacant Premises

Exceptions:

1. Where the premises have been cleared of all combustible materials and debris and, in the opinion of the fire code official, the type of construction, fire separation distance and security of the premises do not create a fire hazard.
2. Where approved by the fire code official, buildings that will not be heated and where fire protection systems will be exposed to freezing temperatures, fire alarm and sprinkler systems are permitted to be placed out of service and standpipes are permitted to be maintained as dry systems (without an automatic water supply), provided that the building does not have contents or storage, and windows, doors and other openings are secured to prohibit entry by unauthorized persons.
3. Where approved by the fire code official, fire alarm and sprinkler systems are permitted to be placed out of service in seasonally occupied buildings: that will not be heated; where fire protection systems will be exposed to freezing temperatures; where fire areas do not exceed 12,000 square feet (1115 m²); and that do not store motor vehicles or hazardous materials.

311.2.3 Fire separation. Fire-resistance-rated partitions, fire barriers and fire walls separating vacant tenant spaces from the remainder of the building shall be maintained. Openings, joints, and penetrations in fire-resistance-rated assemblies shall be protected in accordance with Chapter 7.

311.3 Removal of combustibles. Persons owning, or in charge or control of, a vacant building or portion thereof, shall remove therefrom all accumulations of combustible materials, flammable or combustible waste or rubbish and shall securely lock or otherwise secure doors, windows, and other openings to prevent entry by unauthorized persons. The premises shall be maintained clear of waste or hazardous materials.

Exceptions:

1. Buildings or portions of buildings undergoing additions, alterations, repairs or change of occupancy in accordance with the International Building Code, where waste is controlled and removed as required by Section 304.
2. Seasonally occupied buildings.

311.4 Removal of hazardous materials. Persons owning or having charge or control of a vacant building containing hazardous materials regulated by Chapter 50 shall comply with the facility closure requirements of Section 5001.6.

311.5 Placards. Any vacant or abandoned buildings or structures determined to be unsafe pursuant to Section 110 of this code relating to structural or interior hazards shall be marked as required by Sections 311.5.1 through 311.5.5.

311.5.1 Placard location. Placards shall be applied on the front of the structure and be visible from the street. Additional placards shall be applied to the side of each entrance to the structure and on penthouses. ⁶

Wichita Fire Department-

Section 311 - Vacant Premises

311.5.2 Placard size and color. Placards shall be 24 inches by 24 inches (610 mm by 610 mm) minimum in size with a red background, white reflective stripes, and a white reflective border. The stripes and border shall have a 2-inch (51 mm) minimum stroke.

311.5.3 Placard date. Placards shall bear the date of their application to the building and the date of the most recent inspection.

311.5.4 Placard symbols. The design of the placards shall use the following symbols:

1. This symbol shall mean that the structure had normal structural conditions at the time of marking.
2. This symbol shall mean that structural or interior hazards exist, and interior firefighting or rescue operations should be conducted with extreme caution.
3. This symbol shall mean that structural or interior hazards exist to a degree that consideration should be given to limit firefighting to exterior operations only, with entry only occurring for known life hazards.
4. Vacant marker hazard identification symbols: The following symbols shall be used to designate known hazards on the vacant building marker. They shall be placed directly above the symbol.
 - 4.1. R/O—Roof open.
 - 4.2. S/M—Stairs, steps and landing missing.
 - 4.3. F/E—Avoid fire escapes.
 - 4.4. H/F—Holes in floor.

311.5.5 Informational use. The use of these symbols shall be informational only and shall not in any way limit the discretion of the on-scene incident commander.

311.6 Unoccupied tenant spaces in mall buildings. Unoccupied tenant spaces in covered and open mall buildings shall be:

1. Kept free from the storage of any materials.
2. Separated from the remainder of the building by partitions of not less than 0.5-inch-thick (12.7 mm) gypsum board or an approved equivalent to the underside of the ceiling of the adjoining tenant spaces.
3. Without doors or other access openings other than one door that shall be kept key locked in the closed position except during that time when opened for inspection.
4. Kept free from combustible waste and be broom swept clean.



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](#)

October 2022

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

Directors Desk -



[Chris W. Labrum](#)

Director

*271 W. 3rd St. N.
Suite 101 Wichita, KS 67202*

p: 316.660.1840

f: 316.660.1810

