



MABCD CONSTRUCTION INDUSTRY NEWSLETTER

Issue 11 – April 2022

Chris Nordick - Editor

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

Administration-

Providing correct permit information and posting of job cards on the site as required by code.

Please provide all requested information on the building permit application before submitting it by email or on the portal. Incomplete applications will be returned to the contractor.

If information provided is incorrect, please be aware that it is the contractor’s responsibility to notify MABCD of necessary corrections.

If MABCD staff discovers errors, they will contact the contractor. If the permit has been issued, staff will arrange for a corrected job card and copy of the permit.

It is the contractor’s responsibility to have the correct job card and associated site plan/documents posted on site for the inspector.

If a permit/job card is reissued due to staff error, there is no charge for the replacement job card.

Replacement cards for lost or destroyed job cards are \$15.00

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Special points of interest

- Permit Information / Job Cards
- Ice barriers - Roofs
- Elevator Annual Safety Testing.
- Electrical Permits and Inspection Types.
- Venting System Terminal Clearances.
- Limitation of Hot Water Temperatures..
- WFD—April Burn Ban.
- Advisory Board calendar.
- Scams Targeting Industry.

Building Division-

Please visit our website for more information

[Building Division](#)

IRC Section R905.1.2: Ice Barriers—

R905.1.2 Ice Barriers

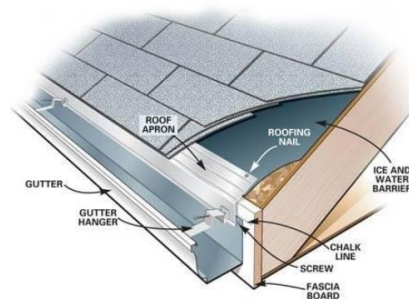
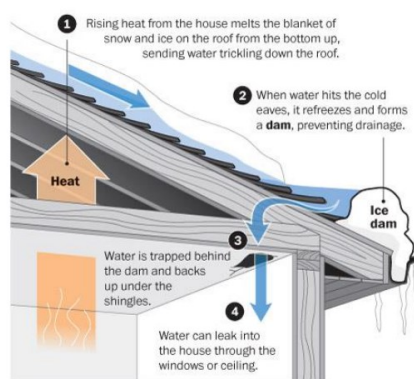
In areas where there has been a history of ice forming along the eaves causing a backup of water as designated in [Table R301.2\(1\)](#), an ice barrier shall be installed for asphalt shingles, metal roof shingles, mineral-surfaced roll roofing, slate and slate-type shingles, wood shingles and wood shakes.

The ice barrier shall consist of not fewer than two layers of underlayment cemented together, or a self-adhering polymer-modified bitumen sheet shall be used in place of normal underlayment and extend from the lowest edges of all roof surfaces to a point not less than 24 inches (610 mm) inside the exterior wall line of the building. On roofs with slope equal to or greater than eight units vertical in 12 units horizontal (67-percent slope), the ice barrier shall also be applied not less than 36 inches (914 mm) measured along the roof slope from the eave edge of the building.

Exception: Detached accessory structures not containing conditioned floor area.

2018 International residential code

- Ice barriers required at roof eaves



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

Elevator Annual Inspection and Safety Testing—

The elevator invoicing starts March 1st and the inspection cycle calendar year is from April 1, 2022 to March 31, 2023 which should allow those business owners time to pay their invoice and receive their inspections on ALL elevators with a due date in April. All invoices are due when received and will be marked past due 30 days after the date on the invoice.

Note: not all inspections have been performed for the 2021-2022 cycle. If you did not receive an invoice for a piece of equipment that you manage, these invoices will be mailed to you separately once the **past due** inspections have been completed.

Elevators and escalators with routine or safety test past due, or where safety issues are found and not resolved by the compliance date, will be shut down and “Red Tagged” until such time that a new permit is obtained and all safety tests are satisfied.

Any person or entity removing a “Red Tag” or violating any provisions of the Wichita/Sedgwick County Unified Building & Trade Code (UBTC) shall be deemed guilty of an unclassified misdemeanor and upon conviction of each violation thereof, shall be assessed a fine according to the Schedule of Fines listed in Article 1 Section 3 of the UBTC.

Reminder: Only licensed elevator companies and certified elevator mechanics are allowed to work on or in elevators, escalators or their associated machine rooms.



Electrical Division-

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

Permit application details and proper inspection codes

When applying for an electrical permit, using the correct application details is important for two reasons:

1. Everything you do electrically requires an inspection. Our permits are designed by line item and quantity.
2. The only way to ensure that you get the proper inspection once you have made application, is by selecting the appropriate line item and quantity, which will populate the correct inspection in our system for you to schedule.

Please call me with questions:
Chris Nordick 316-660-1736

ELE – Electrical Permit

Inspection Logic – Inspection Subtask

<p>Code: 01 – 120 Volt Circuit</p> <p>Inspections Added</p> <ul style="list-style-type: none"> 205 – Underground Conduit (except serv cond) 236 – Slab Rough 240 – Rough Electrical 241 – Wall Rough 242 – Ceiling Rough 542 – General Circuits (not listed under another code) 620 – Fire Repair 942 – Ceiling Final 	<p>Code: 02 – 277 Volt Circuit</p> <p>Inspections Added</p> <ul style="list-style-type: none"> 205 – Underground Conduit (except serv cond) 236 – Slab Rough 241 – Wall Rough 242 – Ceiling Rough 542 – General Circuits (not listed under another code) 620 – Fire Repair 942 – Ceiling Final 	<p>Code: 03 – Heating Appliance less than 4500 watts</p> <p>Inspections Added</p> <ul style="list-style-type: none"> 557 – Small Heating Appliance Circuit 	<p>Code: 04 – Range or Heating Appliance 4500 watts or over</p> <p>Inspections Added</p> <ul style="list-style-type: none"> 552 – Range or Oven or Cooktop Circuit 555 – Water Heater Circuit
<p>Code: 05 – Clothes Dryer</p> <p>Inspections Added</p> <ul style="list-style-type: none"> 562 – Dryer Circuit 	<p>Code: 06 – Feeder</p> <p>Inspections Added</p> <ul style="list-style-type: none"> 205 – Underground Conduit (except serv cond) 236 – Slab Rough 562 – Feeder 	<p>Code: 07 – Hot Tub, Sauna, Spa or Pool</p> <p>Inspections Added</p> <ul style="list-style-type: none"> 205 – Underground Conduit (except serv cond) 577 – Hot Tub or Sauna 640 – Structural Pool Bonding 650 – Perimeter Pool Bonding 	<p>Code: 08 – Special Power Circuit</p> <p>Inspections Added</p> <ul style="list-style-type: none"> 205 – Underground Conduit (except serv cond) 572 – Special Power Circuit
<p>Code: 09 – Generator</p> <p>Inspections Added</p> <ul style="list-style-type: none"> 205 – Underground Conduit (except serv cond) 511 – Generator Wiring 	<p>Code: 10 – Sign Circuit</p> <p>Inspections Added</p> <ul style="list-style-type: none"> 205 – Underground Conduit (except serv cond) 592 – Sign Circuit 	<p>Code: 11 – Outlets Added to Existing Circuits</p> <p>Inspections Added</p> <ul style="list-style-type: none"> 240 – Rough Electrical 241 – Wall Rough 242 – Ceiling Rough 542 – General Circuits (not listed under another code) 544 – Receptacle added to existing circuit 620 – Fire Repair 	<p>Code: 12 – Smoke Detector</p> <p>Inspections Added</p> <ul style="list-style-type: none"> 543 – Smoke Detectors
<p>Code: 13 – Light Fixtures or Lampholding Devices (also retrofits)</p> <p>Inspections Added</p> <ul style="list-style-type: none"> 240 – Rough Electrical 241 – Wall Rough 242 – Ceiling Rough 542 – General Circuits (not listed under another code) 545 – Light opening added to existing circuit 620 – Fire Repair 942 – Ceiling Final 	<p>Code: 14 – 1HP or less Motor</p> <p>Inspections Added</p> <ul style="list-style-type: none"> 205 – Underground Conduit (except serv cond) 236 – Slab Rough 600 – Motors (not listed under another code) 610 – Air Conditioner Circuit 630 – Furnace Circuit 	<p>Code: 15 – Over 1HP motor</p> <p>Inspections Added</p> <ul style="list-style-type: none"> 205 – Underground Conduit (except serv cond) 600 – Motors (not listed under another code) 610 – Air Conditioner Circuit 630 – Furnace Circuit 	<p>Code: 16 – Water Well Motor</p> <p>Inspections Added</p> <ul style="list-style-type: none"> 205 – Underground Conduit (except serv cond) 236 – Slab Rough 605 – Well Motor

ELE – Electrical Permit

Inspection Logic – Inspection Subtask

<p>Code: 17 – Electrical Service (480 volt or less) per each motor</p> <p>Inspections Added</p> <ul style="list-style-type: none"> 200 – Service Conduit 201 – Grounding 510 – New Service 515 – Service Change 517 – Panel Change 535 – Service Riser 537 – Underground Service Lateral Replacement 	<p>Code: 18 – Electrical Service (over 480 volt)</p> <p>Inspections Added</p> <ul style="list-style-type: none"> 200 – Service Conduit 201 – Grounding 510 – New Service 515 – Service Change 517 – Panel Change 535 – Service Riser 537 – Underground Service Lateral Replacement 	<p>Code: 19 – Construction Service (480 volt or less)</p> <p>Inspections Added</p> <ul style="list-style-type: none"> 532 – Construction Service 	<p>Code: 20 – Construction Service (over 480 volt)</p> <p>Inspections Added</p> <ul style="list-style-type: none"> 532 – Construction Service
<p>Code: 21 – Motor Reset (re-inspection or discontinued service)</p> <p>Inspections Added</p> <ul style="list-style-type: none"> 512 – Motor Reset 	<p>Code: 22 – Transformer</p> <p>Inspections Added</p> <ul style="list-style-type: none"> 587 – Transformer 	<p>Code: 23 – Miscellaneous</p> <p>Inspections Added</p> <ul style="list-style-type: none"> 201 – Grounding 542 – General Circuits (not listed under another code) 567 – Miscellaneous Repair 620 – Fire Repair 	<p>Code: 24 – PV (Solar) System</p> <p>Inspections Added</p> <ul style="list-style-type: none"> 205 – Underground Conduit (except serv cond) 519 – PV Wiring

Mechanical (HVAC) Division-

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

Code Fact: 2021 IFGC Section 503.8—Venting System Terminal Clearances:

The clearances for through-the wall direct-vent and non-direct vent terminals shall be in accordance with Table 503.8 and Figure 503.8

*Exception: The clearances in Table 503.8 shall not apply to the combustion air intake of a direct-vent appliance.

Figure 503.8
Through-The-Wall Vent Terminal Clearance

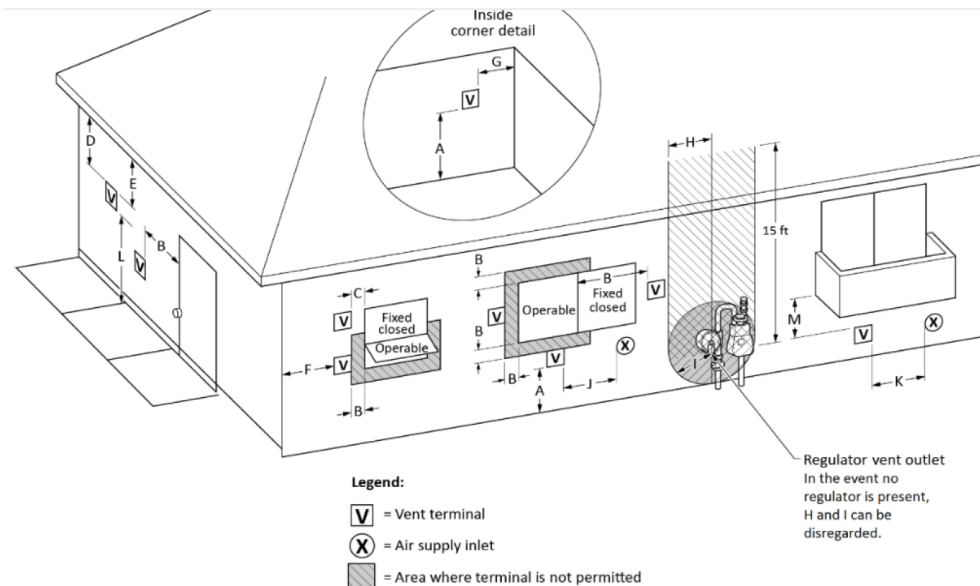


FIGURE CLEARANCE	CLEARANCE LOCATION	MINIMUM CLEARANCE FOR DIRECT-VENT TERMINALS	MINIMUM CLEARANCE FOR NONDIRECT-VENT TERMINALS
A	Clearance above finished grade level, veranda, porch, deck, or balcony	12 inches	
B	Clearance to window or door that is operable	6 inches: Appliances ≤ 10,000 Btu/hr 9 inches: Appliances > 10,000 Btu/hr ≤ 50,000 Btu/hr 12 inches: Appliances > 50,000 Btu/hr ≤ 150,000 Btu/hr Appliances > 150,000 Btu/hr, in accordance with the appliance manufacturer's instructions and not less than the clearances specified for nondirect-vent terminals in Row B	4 feet below or to side of opening or 1 foot above opening
C	Clearance to nonopenable window	None unless otherwise specified by the appliance manufacturer	
D	Vertical clearance to ventilated soffit located above the terminal within a horizontal distance of 2 feet from the center line of the terminal	None unless otherwise specified by the appliance manufacturer	
E	Clearance to unventilated soffit	None unless otherwise specified by the appliance manufacturer	
F	Clearance to outside corner of building	None unless otherwise specified by the appliance manufacturer	
G	Clearance to inside corner of building	None unless otherwise specified by the appliance manufacturer	
H	Clearance to each side of center line extended above regulator vent outlet	3 feet up to a height of 15 feet above the regulator vent outlet	
I	Clearance to service regulator vent outlet in all directions	3 feet for gas pressures up to 2 psi; 10 feet for gas pressures above 2 psi	
J	Clearance to nonmechanical air supply inlet to building and the combustion air inlet to any other appliance	Same clearance as specified for Row B	
K	Clearance to a mechanical air supply inlet	10 feet horizontally from inlet or 3 feet above inlet	
L	Clearance above paved sidewalk or paved driveway located on public property	7 feet and shall not be located above public walkways or other areas where condensate or vapor can cause a nuisance or hazard	
M	Clearance to underside of veranda, porch deck, or balcony	12 inches where the area beneath the veranda, porch deck or balcony is open on not less than two sides. The vent terminal is prohibited in this location where only one side is open.	

Plumbing Division-

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

Code Fact: 2021 UPC Section 409.4—Limitation of Hot Water Temperatures in Bathtubs and Whirlpool Bathtubs

The maximum hot water temperature discharging from the bathtub and whirlpool bathtub filler shall be limited to 120 degrees F (49 degrees C).

The maximum temperature shall be regulated by one of the following means:

- 1) A limiting device conforming to either ASSE 1070/ASME A112.1070/CSA B125.70 or CSA B125.3.
- 2) A water heater conforming to ASSE 1084.

Below are some examples of 1070 standard compliant tempering valves.



Seeking Volunteers for code review subcommittee

The Appeals Board for Plumbers and Gas Fitters is seeking volunteers to participate in the sewer ordinance code review and update subcommittee. The first meeting is scheduled for April 27th after the 9 am Plumbing Board meeting is adjourned. Please email the Chief Plumbing Inspector for more information.

Jason.little@sedgwick.gov

Wichita Fire Department-

APRIL BURN BAN

NO Burning allowed during the month of April.



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](#)

April 2022

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

Director's Desk-



[Chris W. Labrum](#)

Director

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Suite 101 Wichita, KS 67202

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f: 316.660.1810

IMPORTANT REMINDER

The Wichita Police Department would like to notify local Building and Construction professionals of a recent scam targeting the industry.

Fraudsters are successfully hacking into company email servers and intercepting communications between partnering businesses. The Fraudsters then take over one side of the conversation and request to have payments made through ACH (an electronic bank-to-bank payment system) instead of the traditional means. Victim businesses are being led to believe they are making a payment for a service received, when they are actually transferring money into a fraudulent banking account. The money then moves multiple times, making it difficult and often impossible, to trace or recover.

MABCD continues to only accept payment via our normal payment methods and will never request that you pay in a non-traditional method or through a third party transfer.

If a business receives a request to do so, especially via email, it is from a fraudster and not MABCD.

If your business receives an unexpected request for a change in payment method from any of your vendors or customers, it is highly recommended to confirm that request in person or by phone with someone you know and recognize from that partnering business.

