



MABCD CONSTRUCTION INDUSTRY NEWSLETTER

Issue 14 – July 2022

Chris Nordick - Editor

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

Administration-

**Due to the July 4th Holiday
BCSA Meeting will be held on
July 11, 2022**

The July BCSA meeting will be held on July 11th, 1:00 pm, at the Ronald Reagan Building, 271 W 3rd N, 3rd floor, Room 318.

▲ 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 - (Contractors Only) 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. - (for inquiries regarding permits, licensing, insurance.).

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Special points of interest

- BCSA Meeting Re-Scheduled
- Generator Requirements.
- Elevator Machine room Requirements.
- Grease Duct Testing.
- WFD Fire Service Features.
- Paul Hays Retirement
- Advisory Board calendar.

Electrical Division-

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

NEC Article 445—Generators

Article 445.18—Disconnecting Means and Emergency Shutdown.

Article 445.18(A) - Disconnecting Means.

Generators other than cord and plug-connected portable generators shall have one or more disconnecting means. Each disconnecting means shall simultaneously open all associated ungrounded conductor. Each disconnecting means shall be lockable open in accordance with 110.25.

Article 445.18(B) - Emergency shutdown of Prime Mover.

Generators shall have provisions to shut down the prime mover. The means of shutdown shall comply with all of the following:

- 1) Be equipped with provisions to disable all prime mover start control circuits to render the prime mover incapable of starting.
- 2) Initiate a shutdown mechanism that requires a mechanical reset.



Article 445.18(C) - Remote Emergency Shutdown.

Generators with greater than 15 kw rating shall be provided with a remote emergency stop switch to shut down the prime mover. The remote emergency stop switch shall be located outside of the equipment room or generator enclosure and shall also meet the requirements of 445.18(B)(1) and (B)(2).

Article 445.18(D) - Emergency Shutdown in One- and Two-Family Dwelling units.

For other than cord-and-plug-connected portable generators, and emergency shutdown device all be located outside the dwelling at a readily accessible location.

445.18(D) Emergency Shutdown Device at Dwelling Units



An outdoor emergency generator shutdown device is required for generators installed at one- and two-family dwelling units (other than cord-and-plug-connected generators)

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

A17.3 Existing Elevator Safety Code. Section 2.2.1—Machine Rooms and Machinery Spaces

Beginning January 1, 2018. We began enforcement of the newly adopted A17.3 – Safety Code for Existing Elevators and Escalators 2015 Edition. Prior to the enforcement date we sent copies of the timeline for enforcement to every elevator contractor. All items not listed in the timeline where required to be addressed immediately.

Section 2.2.1.— Machine Rooms and Machinery Spaces.

Elevator machine and control equipment shall be located in a room or space designated as an elevator machine room or space and shall be accessible only to authorized personnel.

Other existing machines and equipment essential to the operation and purpose of the building are permitted, but no equipment that is not used in connection with operation of the elevator shall be added to the enclosed area.



Mechanical (HVAC) Division-

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

UBTC Sec. 5.1.180. – Grease Duct Test

Code Fact:

Grease duct test must be performed by utilizing a halogen light with not less than 100 watts. The passing rate on the first inspection is very low however it increases immensely if you will have your welders do an initial test, prior to the inspector arriving.



UBTC Sec. 5.1.180. – Grease Duct Test.

Section 506.3.2.5 of the 2021 International Mechanical Code is amended to read as follows:

Section 506.3.3.1 of the International Mechanical Code is amended to read as follows: Prior to the use or concealment of any portion of a grease duct system, a leakage test shall be performed in the presence of the official. Ducts shall be considered to be concealed where installed in shafts or covered by coatings or wraps that prevent the ductwork from being visually inspected on all sides. The permit holder shall be responsible to provide the necessary equipment and perform the grease duct leakage test. A light test or an approved equivalent test method shall be performed to determine that all welded and brazed joints are liquid tight. A light test shall be performed by passing a halogen lamp having a power of not less than 100 watts through the entire section of the ductwork to be tested. The lamp shall be open so as to emit light equally in all directions perpendicular to the duct walls.

A test shall be performed for the entire duct system, including the hood-to-duct connection.

The ductwork shall be permitted to be tested in sections provided that every joint is tested.

For listed factory-built grease ducts, this test shall be limited to duct joints assembled in the field and shall exclude factory welds.



Plumbing Division-

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

HAPPY 4TH OF JULY



The Plumbing Inspectors at MABCD wish you and your families a safe and happy July 4th.

Wichita Fire Department-

CHAPTER 5—Fire Service Features

Section 503 – Fire Apparatus Access Road

503.1.1 Buildings and facilities.

Approved fire apparatus access roads shall be provided for every facility, building, or portion of a building hereafter constructed or moved into or within the jurisdiction. The fire apparatus access road shall comply with the requirements of this section and shall extend to within 1560 feet of all portions of the facility and all portions of the exterior walls of the first story of the building as measured by an *approved* route around the exterior of the building or facility.

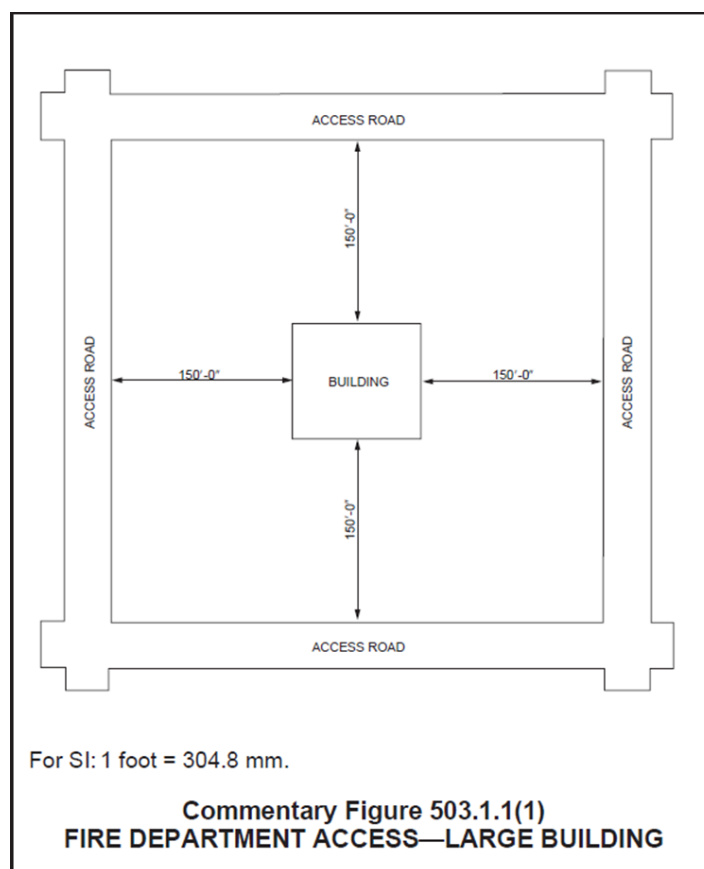
Exceptions:

1. The *fire code official* is authorized to increase the dimension of 150 feet where any of the following occur:

1.1 The building is equipped throughout with an *approved automatic sprinkler system* installed in accordance with Section 903.3.1.1, 903.3.1.2, or 903.3.1.3.

1.2 Fire apparatus access roads cannot be installed because of location on property, topography, waterways, nonnegotiable grades or other similar condition, and an *approved* alternative means of fire protection is provided.

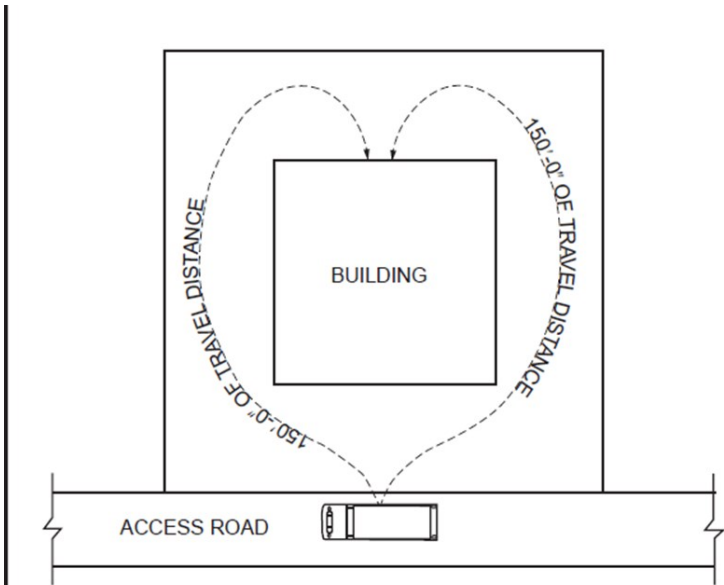
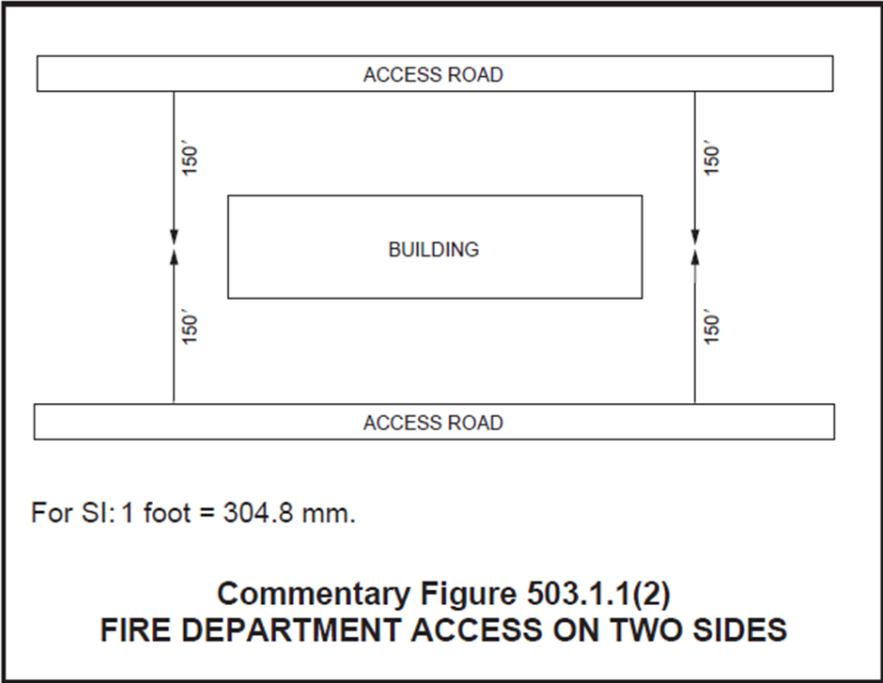
2. Where approved by the *fire code official*, fire apparatus access roads shall be permitted to be exempted or modified for solar photovoltaic power generation facilities.



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Wichita Fire Department-

CHAPTER 5—Fire Service Features (Continued)



Plans Examiner's Office

Paul Hays—Retirement

It saddens us to announce the retirement of Paul Hays.

His last working day was on Friday, June 3rd, 2022.

He was an integral part of MABCD for the last 43 years . His contributions to the Building department and specifically, Plan Review will always be valued and remembered.

Paul will be greatly missed.

Richard Chamberlin be will acting supervisor over Plan Review Section of MABCD until a new supervisor is hired.



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](#)

July 2022

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

Director's Desk-



[Chris W. Labrum](#)

Director

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