

Agenda

Presented by Greg Karow C.B.O.

Initial Code Review of the Speculative Occupancies Submitted for Permit

- Calculation of allowable area
- Type of construction building height and stories allowed
- Site plan review for area increase if applicable

Analyze the Mixed Occupancy Options

- Establish and provide tracking for the method chosen for the occupancies for the initial proposed project as submitted

Introduce a Change of Occupancy

- Drinking and dining facility
- Calculation of allowable area
- Type of construction building height and stories allowed for the new occupancy
- Analyze the mixed occupancy options to establish and provide tracking for the method chosen for the new occupancy

Analyze the Specific Requirements for the New Drinking and Dining Occupancy including but not Limited to:

- Occupancy classification
- Means of egress
 - Calculation of occupant load options
 - Egress width
 - Travel distance
 - Common path of travel

Calculation of Restroom Requirements

Mechanical Overview

- Ventilation requirements
- Quantity of air based on current ASHRAE standard
- Kitchen exhaust and hood requirements based on NFPA 96 and the mechanical code
- Fire protection parameters

Proposed New Occupancy Repair Garage

- Classification of the occupancy
- Verify allowable height, area and stories associated with the new occupancy
- Verify mixed occupancy options
- Analyze specific ventilation requirements for the use
- Special conditions

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Design Considerations and Mixed Occupancy Options for Speculative Buildings

Live, Interactive Webinar - Tuesday, May 10, 2022

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HalfMoon Education Inc.
PO Box 278
Altoona, WI 54720-0278



Learning Objectives

You'll be able to:

Discuss an initial code review for mixed use occupancy in a speculative building.

Identify all of the requirements for introducing a change of occupancy to a drinking and dining facility.

Explore occupancy classifications and means of egress requirements.

Identify ventilation requirements, as well as HVAC system and kitchen exhaust requirements for restaurants.

Calculate restroom requirements.

Examine occupancy options and code requirements for a proposed auto repair garage.



HalfMoon Education Live Webinars

Design Considerations and Mixed Occupancy Options for Speculative Buildings

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Discuss the initial code review of a speculative occupancy submitted for permit

Explore mixed occupancy options

Examine a change of occupancy, including type of construction, building height and stories allowed

Review design options for restaurants and repair garage occupancies

Learn to calculate occupant load options and explore egress requirements

Comply with mechanical ventilation requirements

Continuing Education Credits

Professional Engineers
6.0 PDHs

International Code Council
.6 CEUs (Building)

Architects
6.0 HSW CE Hours
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Faculty

Greg Karow C.B.O.
Mr. Karow is the CEO of Code Educational Opportunities providing education based on current building codes. He also provides service as a building code specialist for design professionals and stakeholders in the industry. Mr. Karow has an extensive background in developing and presenting various types of building code and related seminars. Previous career paths included staff instructor with the International Code Council and with the State of Minnesota Codes and Standards Division. He has instructed in a Building Inspection Technology program at a local community college. Mr. Karow is a certified building official in Minnesota and holds ICC certifications as a Certified Building Official, ICC Plans Examiner, ICC Building Inspector and ICC Building Code Specialist.

Webinar Information

| | |
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| Log into Webinar 8:30 - 9:00 am CDT | Break 11:40 am - 12:10 pm CDT |
| Morning Session 9:00 am - 11:40 am CDT | Afternoon Session 12:10 - 3:40 pm CDT |

Tuition
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Additional Learning

- International Building Code 2021**
- Tues, Apr 12, 2022 | 8:00 am - 4:00 pm CDT
- IBC Building Classification, Occupancy and Mixed Occupancies**
- Wed, Apr 13, 2022 | 9:00 am - 4:30 pm CDT
- Designing for Fire Protection**
- Tues, Apr 19, 2022 | 9:00 am - 4:00 pm CDT
- Structural Forensic Engineering**
- Tues, Apr 19, 2022 | 9:00 am - 3:50 pm CDT
- Low Impact Development**
- Wed, Apr 20, 2022 | 10:00 am - 2:00 pm CDT
- Thurs, Apr 21, 2022 | 10:00 am - 12:45 pm CDT
- Managing Construction with AIA Document A201: General Conditions**
- Thurs, Apr 21, 2022 | 9:00 am - 4:30 pm CDT
- Designing and Constructing a Net-Zero Energy Home**
- Tues, Apr 26, 2022 | 8:30 am - 1:00 pm CDT
- Wed, Apr 27, 2022 | 8:30 am - 1:30 pm CDT
- Designing to Withstand Tornadoic Loads on Buildings with ASCE 7-22**
- Tues, Apr 26, 2022 | 9:00 am - 4:00 pm CDT
- IBC Significant Changes: Administration and Building Planning**
- Fri, Apr 29, 2022 | 11:00 am - 3:30 pm CDT
- Construction Cost Estimating and Value Engineering**
- Fri, Apr 29, 2022 | 8:30 am - 3:20 pm CDT
- HVAC Primer for Design Professionals**
- Tues, May 3, 2022 | 8:30 am - 4:30 pm CDT
- IBC Significant Changes: Fire Protection and Means of Egress**
- Fri, May 6, 2022 | 11:00 am - 3:30 pm CDT
- IBC Significant Changes: Accessibility, Systems, and Materials**
- Fri, May 13, 2022 | 11:00 am - 3:30 pm CDT
- For more information and other online learning opportunities visit: www.halfmoonseminars.org

Continuing Education Credit Information
This webinar offers 6.0 PDHs to professional engineers and 6.0 HSW continuing education hours to architects licensed in all states.

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The American Institute of Architects Continuing Education System has approved this course for 6.0 LU | HSW (Sponsor No. J885). Only full participation is reportable to the AIA/CES.

The International Code Council has approved this course for .6 CEUs in the specialty area of Building (No. 1232).

Completion certificates will be awarded to participants who complete this event, respond to prompts and earn a passing score (80%) on the quiz that follows the presentation (multiple attempts allowed).

Added Value:
Enhance your learning - a recording of this webinar will be available for attendees to stream online for two weeks after the program date.
(Must attend live webinar to earn live webinar credits)

Registration

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