

CENTRAL IOWA CODE CONSORTIUM
MEETING NOTICE AND AGENDA
IBC/IEBC COMMITTEE
Urbandale City Hall
Engineering Conference Room C
3600 86th Street
Urbandale, Iowa 50322

December 5, 2018 – 1:30pm

AGENDA

1. CALL TO ORDER
2. ROLL CALL
3. AGENDA APPROVAL
4. APPROVE MINUTES FROM PREVIOUS MEETING
5. PUBLIC COMMENT
6. EXECUTIVE LIAISON UPDATE
7. AGENDA

7.1 Review and take action on the following code change proposals:

1. Proposed Amendment to 2018 IBC Section 419 – Live/Work Units:

419 – Live/Work Units

Exception #2 of Section 419.1 is new stating “Detached one- and two-family dwellings and townhouses that include an office that is less than 20 percent of the area of the dwelling unit and constructed in accordance with the International Residential Code are not required to comply with Sections 419.1 through 419.9.”

419.1.1 Limitations: Language in item #3 is a change from the existing code text: “The nonresidential area function shall be limited to floors of the live/work unit with exits to grade level; and”

419.2 Occupancies: Exception #2 is new “Live/work units located within detached one- and two-family dwellings and townhouses may be constructed in accordance with the International Residential Code.”

MEMBER	MOTIONED	2 nd	YEA	NAY	ABSTAIN
Jeff Harden					
Dave Kuhn					
Blake O'Brien					
Rod VanGenderen					
David Voss					
Jay Mattas					

2. Proposed Amendment to 2018 IBC Section 503 by adding a new section 503.1.5 Type V construction:

Buildings of Type V construction shall be surrounded and adjoined by public ways or yards not less than 130 feet in width. There are accompanying exceptions contained therein with the new section.

MEMBER	MOTIONED	2 nd	YEA	NAY	ABSTAIN
Jeff Harden					
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David Voss					
Jay Mattas					

3. Proposed Amendment to 2018 IEBC Section 302 by adding a new section 302.7 Fire Protection:

Existing buildings containing R-2 occupancies shall be made to comply with the International Building Code section 903.2.8 within 2 years of any of the following situations:

1. Fire damage to 3 or more dwelling units.
2. Issuance of a building permit for a Level II or II alteration as identified in Chapter 5 of the International Existing Building Code.

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Jeff Harden					
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David Voss					
Jay Mattas					

4. Proposed Amendment to 2018 IBC Section 1704.2 – Special Inspections and Tests by deleting exceptions #1 and #3 and inserting in lieu thereof:

Section 1704.2 Special Inspections and Tests Where application is made to the building official for construction as specified in Section 105, the owner or the owner’s authorized agent, other than the contractor, shall employ one or more approved agencies to provide special inspections and tests during construction on the types of work specified in Section 1705 and identify the approved agencies to the building official. These special inspections and tests are in addition to the inspections by the building official that are identified in Section 110.

Exceptions:

1. Building that do not contain more than two dwelling units.

~~1. Special inspections and tests are not required for construction of a minor nature or as warranted by conditions in the jurisdiction as approved by the building official.~~

2. Unless otherwise required by the building official, special inspections and tests are not required for Group U occupancies that are accessory to a residential occupancy including, but not limited to, those listed in Section 312.1.

3. Buildings not more than one-story above grade plane.

~~3. Special inspections and tests are not required for portions of structures designed and constructed in accordance with the cold formed steel light frame construction provisions of Section 2211.1.2 or the conventional light frame construction provisions of Section 2308.~~

4. The contractor is permitted to employ the approved agencies where the contractor is also the owner.

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Rod VanGenderen					
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Jay Mattas					

5. Proposed Amendment to 2018 IBC 1705.11 – Special Inspections for Wind Resistance. and Tests by deleting said section and inserting in lieu thereof:

SECTION 1705.11 AMENDED - - SPECIAL INSPECTIONS FOR WIND RESISTANCE. Section 1705.11, Special Inspections for Wind Resistance, of the IBC, is hereby amended by deleting said section and inserting in lieu thereof the following:

Section 1705.11 Special Inspections For Wind Resistance Special inspections for wind resistance specified in Sections 1705.11.1 through 1705.11.3, are required for buildings and structures.

~~1705.11 Special inspections for wind resistance.~~

~~Special inspections for wind resistance specified in Sections 1705.11.1 through 1705.11.3, unless exempted by the exceptions to Section 1704.2, are required for buildings and structures constructed in the following areas:~~

- ~~1. In wind Exposure Category B, where V_{asd} as determined in accordance with Section 1609.3.1 is 120 miles per hour (52.8 m/sec) or greater.~~
- ~~2. In wind Exposure Category C or D, where V_{asd} as determined in accordance with Section 1609.3.1 is 110 mph (49 m/sec) or greater.~~

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6. Proposed Amendment to 2018 IBC Section 1705.11.1 – Structural Wood is hereby amended by deleting the exception:

SECTION 1705.11.1 AMENDED - - STRUCTURAL WOOD. Section 1705.11.1, Structural Wood, of the IBC, is hereby amended by deleting the exception:

Section 1705.11.1 Structural Wood Continuous special inspection is required during field gluing operations of elements of the main windforce-resisting system. Periodic special inspection is required for nailing, bolting, anchoring and other fastening of elements of the main windforce-resisting system, including wood shear walls, wood diaphragms, drag struts, braces and hold-downs.

~~Exception: Special inspections are not required for wood shear walls, shear panels and diaphragms, including nailing, bolting, anchoring and other fastening to other elements of the main windforce resisting system, where the specified fastener spacing at panel edges is more than 4 inches (102 mm) on center.~~

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7. Proposed Amendment to 2018 IBC 1705.11.2 – Cold Formed Steel Light Frame Construction is hereby amended by deleting the exception:

Section 1705.11.2 Cold-Formed Steel Light-Framed Construction 1705.11.2 Cold-formed steel light-frame construction.

Periodic special inspection is required for welding operations of elements of the main windforce-resisting system. Periodic special inspection is required for screw attachment, bolting, anchoring and other fastening of elements of the main windforce-resisting system, including shear walls, braces, diaphragms, collectors (drag struts) and hold-downs.

~~Exception: Special inspections are not required for cold-formed steel light-frame shear walls and diaphragms, including screwing, bolting, anchoring and other fastening to components of the windforce resisting system, where either of the following applies:~~

- ~~1. The sheathing is gypsum board or fiberboard.~~
- ~~2. The sheathing is wood structural panel or steel sheets on only one side of the shear wall, shear panel or diaphragm assembly and the fastener spacing of the sheathing is more than 4 inches (102 mm) on center (o.c.).~~

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8. Proposed Amendment to 2018 IBC Section 713.3 & 707.5 – New Sections Shaft Wall Construction:

IBC Section 713.3 Materials. Shaft enclosures shall be of the following materials.

713.3.1 – 1 Hour Shafts. Shafts that are allowed to have a fire resistance rating of 1 hour or less are allowed to be constructed of materials permitted by the building type of construction.

713.3.2 – 2 Hour Shafts. Shafts that are required to have a fire resistance rating of 2 hours or more serving Interior exit stairs or Interior exit ramps shall be constructed of concrete or masonry. All other shafts that are required to have a fire resistance rating of 2 hours or more shall be constructed of non-combustible materials.

IBC Section 707.5 Continuity.

Exceptions:

3. Shafts required to be constructed as per section 713.3.2 having exterior walls that are not required to be fire rated per section 707.4 shall be permitted to be constructed of materials permitted by the building type of construction so long as a complete non-combustible separation of 2 hours is provided between the shaft and adjoining structure. In addition the provisions of section 1023.7 shall be met.

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7. OTHER BUSINESS

8. ADJOURNMENT

Posted on **January 16, 2019** at www.CapitalCrossRoadsVision.com/central-iowa-code-consortium and at Urbandale City Hall 3600 86th Street, Urbandale, Iowa