

CICC/RESIDENTIAL CODE COMMITTEE

Des Moines Fire Administration Building – 2715 Dean Avenue, Des Moines, Iowa 50317 Thursday,
December 06, 2018
1:30 PM –3:30 PM

MEETING MINUTES

1) CALL TO ORDER

Jonathan Lund called the meeting to order at 1:37pm.

2) ROLL CALL

MEMBER	PRESENT	ABSENT
Jonathan Lund, Chair	X	
Rick Parrino, Vice-Chair		X
Dan Knoup, Secretary	X	
Mike Pardekooper, CICC Liaison		X
Jerry Agan	X	
Colin King	X	
Jerry Byers		X
Eric Clark	X	

Guests: Jeff Harden, Mike Minnick

3) AGENDA APPROVAL

A motion to approve the agenda as posted was made by Colin King and seconded by Eric Clark. The motion received approval.

4) APPROVE MINUTES FROM THE PREVIOUS MEETING

A motion to approve the minutes as submitted was made by Colin King and seconded by Eric Clark . The motion received approval.

5) AGENDA

The following posted agenda items were reviewed and all members agreed to the items with no changes recommended.

- A. Old Business - Review of P2602.1 – Connections to Public Sewer or Private Sewage Disposal, B. Old Business - Review of P2903.5 – Water Hammer Arrestors, C. Old Business - Review of P3103.1 – Vent Pipe Terminations, D. Old Business – Review of E3901.3 small appliance receptacles

E. MODIFY - R404.1 Concrete and Masonry foundation walls (Jerry Agan) **TABLED**

A motion to approve the change as posted was made by _____ and seconded by _____ with the following roll call vote.

MEMBER	YEA	NAY	ABSTAIN
Jonathan Lund, Chair			
Rick Parrino, Vice-Chair			
Dan Knoup, Secretary			
Mike Pardekooper, CICC Liaison			
Jerry Agan			

Colin King			
Jerry Byers			
Eric Clark			

F. ADD – R403.1.4.1 Frost protection (Jeff Junker) **TABLED**

A motion to approve the change as posted was made by _____ and seconded by _____ with the following roll call vote.

MEMBER	YEA	NAY	ABSTAIN
Jonathan Lund, Chair			
Rick Parrino, Vice-Chair			
Dan Knoup, Secretary			
Mike Pardekooper, CICC Liaison			
Jerry Agan			
Colin King			
Jerry Byers			
Eric Clark			

G. ADD – R506.2.4 Reinforcement Support (Jerry Agan) **TABLED**

A motion to approve the change as posted was made by _____ and seconded by _____ with the following roll call vote.

MEMBER	YEA	NAY	ABSTAIN
Jonathan Lund, Chair			
Rick Parrino, Vice-Chair			
Dan Knoup, Secretary			
Mike Pardekooper, CICC Liaison			
Jerry Agan			
Colin King			
Jerry Byers			
Eric Clark			

H. ADD – R404.1.3.2 Foundation walls for conventional light frame wood construction (Jeff Harden)

A motion to approve the change with the attached R404.1.3.2.3 City of Ankeny language was made by Colin King and seconded by Jerry Agan with the following roll call vote.

MEMBER	YEA	NAY	ABSTAIN
Jonathan Lund, Chair	X		
Rick Parrino, Vice-Chair			
Dan Knoup, Secretary	X		
Mike Pardekooper, CICC Liaison			
Jerry Agan	X		
Colin King	X		
Jerry Byers			
Eric Clark	X		

I. DELETE – R311.3.2 Floor elevations for other exterior doors (Ryan Meyer) **TABLED**

A motion to approve the change as posted was made by _____ and seconded by _____ with the following roll call vote.

MEMBER	YEA	NAY	ABSTAIN
Jonathan Lund, Chair			
Rick Parrino, Vice-Chair			
Dan Knoup, Secretary			
Mike Pardekooper, CICC Liaison			
Jerry Agan			
Colin King			
Jerry Byers			
Eric Clark			

J. MODIFY - R311.3.2 Floor elevations for other exterior doors exception (Jerry Agan) **TABLED**

A motion to approve the change as posted was made by _____ and seconded by _____ with the following roll call vote.

MEMBER	YEA	NAY	ABSTAIN
Jonathan Lund, Chair			
Rick Parrino, Vice-Chair			
Dan Knoup, Secretary			
Mike Pardekooper, CICC Liaison			
Jerry Agan			
Colin King			
Jerry Byers			
Eric Clark			

K. ADD – R311.7.8.2 Continuity Exception (regarding handrails) (Jerry Agan) **TABLED**

A motion to approve the change as posted was made by _____ and seconded by _____ with the following roll call vote.

MEMBER	YEA	NAY	ABSTAIN
Jonathan Lund, Chair			
Rick Parrino, Vice-Chair			
Dan Knoup, Secretary			
Mike Pardekooper, CICC Liaison			
Jerry Agan			
Colin King			
Jerry Byers			
Eric Clark			

L. MODIFY – R308.4.2 Glazing adjacent to doors (Jerry Agan) **TABLED**

A motion to approve the change as posted was made by _____ and seconded by _____ with the following roll call vote.

MEMBER	YEA	NAY	ABSTAIN
Jonathan Lund, Chair			
Rick Parrino, Vice-Chair			
Dan Knoup, Secretary			
Mike Pardekooper, CICC Liaison			
Jerry Agan			
Colin King			
Jerry Byers			
Eric Clark			

M. MODIFY – R303.3 Bathrooms – minimum ventilation (Jerry Agan) **TABLED**

A motion to approve the change as posted was made by _____ and seconded by _____ with the following roll call vote.

MEMBER	YEA	NAY	ABSTAIN
Jonathan Lund, Chair			
Rick Parrino, Vice-Chair			
Dan Knoup, Secretary			
Mike Pardekooper, CICC Liaison			
Jerry Agan			
Colin King			
Jerry Byers			
Eric Clark			

N. MODIFY – M1505.4.1 System Design – whole house ventilation (Ryan Robinson) **TABLED**

A motion to approve the change as posted was made by _____ and seconded by _____ with the following roll call vote.

MEMBER	YEA	NAY	ABSTAIN
Jonathan Lund, Chair			
Rick Parrino, Vice-Chair			
Dan Knoup, Secretary			
Mike Pardekooper, CICC Liaison			
Jerry Agan			
Colin King			
Jerry Byers			
Eric Clark			

O. MODIFY – M1502.4.2 Duct Installation – support (Mike Minnick)

A motion to table the submitted change to allow Mike Minnick to resubmit with modified language was made by Colin King and seconded by Eric Clark with the following roll call vote.

MEMBER	YEA	NAY	ABSTAIN
Jonathan Lund, Chair	X		
Rick Parrino, Vice-Chair			
Dan Knoup, Secretary	X		
Mike Pardekooper, CICC Liaison			

Jerry Agan	X		
Colin King	X		
Jerry Byers			
Eric Clark	X		

P. ADD – M1601.1 - prohibit the use of non-metal panning materials (Mike Minnick)

A motion to deny the change as posted was made by Colin King and seconded by Dan Knoup with the following roll call vote.

MEMBER	YEA	NAY	ABSTAIN
Jonathan Lund, Chair		X	
Rick Parrino, Vice-Chair			
Dan Knoup, Secretary	X		
Mike Pardekooper, CICC Liaison			
Jerry Agan	X		
Colin King	X		
Jerry Byers			
Eric Clark	X		

Q. ADD – M1601.3 – prohibit the use of air-gap for R-value (Mike Minnick)

A motion to approve the change as posted with the attached modified language was made by Colin King and seconded by Dan Knoup with the following roll call vote.

MEMBER	YEA	NAY	ABSTAIN
Jonathan Lund, Chair	X		
Rick Parrino, Vice-Chair			
Dan Knoup, Secretary	X		
Mike Pardekooper, CICC Liaison			
Jerry Agan	X		
Colin King	X		
Jerry Byers			
Eric Clark	X		

R. MODIFY – M1305.1.1 Appliances in rooms – clearance through doors (Mike Minnick) **TABLED**

A motion to approve the change as posted was made by _____ and seconded by _____ with the following roll call vote.

MEMBER	YEA	NAY	ABSTAIN
Jonathan Lund, Chair			
Rick Parrino, Vice-Chair			
Dan Knoup, Secretary			
Mike Pardekooper, CICC Liaison			
Jerry Agan			
Colin King			
Jerry Byers			
Eric Clark			

S. ADD – M1305.1.1 – spacing for furnaces and air handlers (Mike Minnick)

A motion to approve the change as posted was made by _____ and seconded by _____ with the following roll call vote.

MEMBER	YEA	NAY	ABSTAIN
Jonathan Lund, Chair			
Rick Parrino, Vice-Chair			
Dan Knoup, Secretary			
Mike Pardekooper, CICC Liaison			
Jerry Agan			
Colin King			
Jerry Byers			
Eric Clark			

T. DELETE – M1601.4 Installation – remove requirements (Jerry Agan) (discuss with item W)

A motion to approve the change as posted was made by _____ and seconded by _____ with the following roll call vote.

MEMBER	YEA	NAY	ABSTAIN
Jonathan Lund, Chair			
Rick Parrino, Vice-Chair			
Dan Knoup, Secretary			
Mike Pardekooper, CICC Liaison			
Jerry Agan			
Colin King			
Jerry Byers			
Eric Clark			

U. DELETE – M1601.4.11 Air plenums and ducts (Jerry Agan)

A motion to approve the change as posted was made by _____ and seconded by _____ with the following roll call vote.

MEMBER	YEA	NAY	ABSTAIN
Jonathan Lund, Chair			
Rick Parrino, Vice-Chair			
Dan Knoup, Secretary			
Mike Pardekooper, CICC Liaison			
Jerry Agan			
Colin King			
Jerry Byers			
Eric Clark			

V. ADD – M1602.2 – minimum distance between supply and return (Mike Minnick)

A motion to approve the change as posted was made by _____ and seconded by _____ with the following roll call vote.

MEMBER	YEA	NAY	ABSTAIN
Jonathan Lund, Chair			
Rick Parrino, Vice-Chair			
Dan Knoup, Secretary			
Mike Pardekooper, CICC Liaison			
Jerry Agan			
Colin King			
Jerry Byers			
Eric Clark			

6) OTHER BUSINESS

None

7) UPCOMING MEETINGS

A) The following future meetings and locations were set

- 1) Thursday January 3rd, 1:30 pm at 2715 Dean Avenue, Des Moines, Iowa 50317
- 2) Thursday January 17th, 1:30 pm at 2715 Dean Avenue, Des Moines, Iowa 50317

8) ADJOURNMENT

A motion to adjourn was made by Eric Clark and seconded by Jerry Agan. The motion received approval at 3:35.

Minutes prepared and submitted by Dan Knoup, Secretary
 Posted at www.capitalcrossroadsvision.com/central-iowa-code-consortium.

Amendments

Existing Text:

Proposed Text:

R404.1.3.2.3 Foundation Walls for Conventional Light Frame Wood Construction.
 Concrete and masonry foundation walls shall be permitted to be designed in accordance with the following Table 'Foundation Walls for Conventional Light Frame Construction' may be used:

Table - 'Foundation Walls for Conventional Light Frame Construction'

Height of Foundation Wall (Net measured from top of basement slab to top of foundation wall)*		Thickness of Foundation Walls		Reinforcement type and placement within Foundation Wall**	Reinforcement type and placement within Foundation Wall** (maximum 12' span between corners and supporting cross walls.)	Type of Mortar
		<u>Unit</u>				
Gross	Net	Concrete	Masonry	Concrete	Masonry	Masonry
8	7' 8"	7 ½"	8"	½" horizontal bars, placement in the middle, and near the top & bottom – ½" bars @ 6' max. vertically	0.075 square inch bar 8' o.c. vertically in fully grouted cells. If block is 12" nominal thickness, may be unreinforced.	Type M or S. Grout & Mortar shall meet provisions of Chapter 21 IBC
9	8' 8"	8"	See Chapter 18 IBC	½" bars 2' o.c. horizontally & 20" vertically o.c.	See Chapter 18 IBC	Same as above
10	9' 8"	8"	See Chapter 18 IBC	(5/8" bars 2' o.c. horizontally & 30" vertically o.c.)	See Chapter 18 IBC	Same as above
*Concrete floor slab to be nominal 4". If such floor slab is not provided prior to backfill, provide 1) 36" vertical #4 rebar embedded in the footing @ maximum 7' O.C. spacing -and/or- 2) full depth nominal 2" depth x 4" width keyway in footing						
** All reinforcement bars shall meet ASTM A6175 grade 40 minimum and be deformed. Placement of bars shall be in center of wall and meet the provisions of chapters 18, 19, and 21 of the International Building Code.						
NOTE: Cast in place concrete shall have a compressive strength of 3,000 lbs @ 28 days. Footings shall contain continuous reinforcement of minimum 2 – ½" diameter rebar throughout. Placement of reinforcement and concrete shall meet the requirements of Chapter 19 of the International Building Code.						
NOTE: Material used for backfilling shall be carefully placed granular soil of average or high permeability and shall be drained with an approved drainage system as prescribed in Section 1805.4 of the International Building Code. Where soils containing a high percentage of clay, fine silt or similar materials of low permeability or expansive soils are encountered or where backfill materials are not drained or an unusually high surcharge is to be placed adjacent to the wall, a specially designed wall shall be required.						
Note: Foundation plate or sill anchorage shall be installed in accordance with the respective codes as applicable.						

Justification

The construction of foundation wall systems as described in the amendment has been accepted historically in the Des Moines Metro area for at least 30 years. Most recently about 14 years ago the 9 foot and 10 foot wall provisions were accepted by each community belonging to the MICCC group and have been widely recognized as the preferred method of construction. This amendment helps maintain these accepted practices. The region has not undergone any type of geophysical transformation to justify a change, as noted in the actual code, to the way foundation walls for conventional light frame construction can be built.