MEMBERS PRESENT: Bart Caldwell, Chairperson
Chuck Gassman
Randy Tinker
Chad Layland
Martie Mendenhall
Cheryl Peterson
Jon Thyberg
Dave Kriens, Vice Chairperson
Matthew Keller
Mel Shivvers
Candy Morgan
Blake O'Brien

MEMBERS ABSENT: Randy Tinker

STAFF PRESENT: Brian Bishop, Deputy Building Official
Cody Christensen, Permit and Development Administrator
Meg Norberg, Assistant City Attorney
Patrick Phelan, Fire Protection Engineer II
Terry Berk, Plans Examiner
Candace Biddle, Plans Examiner

GUESTS: None

Meeting was called to order by Chairperson Bart Caldwell at 3:30 p.m. Meeting was held at the Des Moines Municipal Service Center located at 1551 East Martin Luther King Jr. Parkway.

**Item 1: Introductions**

Board members, staff, and the public introduced themselves.

**Item 2: Old Business**

a. **Minutes September 12, 2019 Building and Fire Code Board of Appeals**

Chuck Gassman made a motion to approve the September 12, 2019 minutes. Martie Mendenhall seconded motion. Motion passed unanimously.

**Item 3: Staff Report.**

Brian Bishop introduced Meg Norberg, Assistant City Attorney who recently started with the City.
Item 4: New Business

a) Chapter 46 code updates

DBO Bishop announced to the Board that the Chapter 46 Fire Code revisions were not ready for this meeting and asked for this item to be tabled until the November meeting. Chuck Gassman made a motion to table the review of Chapter 46 until next month. Candy Morgan seconded the motion. Motion passed unanimously.

b) Chapter 26 code updates

Deputy Building Official Brian Bishop led the Board through a presentation of the 2018 International Residential Code with the final recommendations from the Central Iowa Code Consortium (CICC). A list of amendments was provided to the Board along with a staff recommendation for each amendment. That list has been included as a supplement to the minutes. The presentation focused on the requirements of each amendment, the staff recommendation, and the impacts of accepting or rejecting the amendment.

One amendment that was not part of the CICC process for the residential code was regarding minimum footing widths. Staff submitted this to the Board for review. The current ordinance provides a minimum width of 16 inches for all footings. However there needs to be some additional language provided for detached accessory structures that might not need 16-inch-wide footings. In addition, an alternative footing design table was provided that was previously part of the Mid Iowa Construction Code Council (MICCC) standard.

CICCC amendments that staff did not recommend accepting were as follows:

1. 5/8 drywall for all house/ garage separations
2. Basement ceiling protection for all floor framing not meeting 100% load testing
3. Egress windows in sprinklered homes
4. Existing ceiling heights in basements
5. Glazing adjacent to doors
6. New habitable space in basement requiring egress windows
7. Freestanding decks greater than 30 inches high requiring frost depth footings
8. Providing exception for reinforcement for non-structural slabs
9. All amendments related to electrical or fuel gas piping- Due to the City not adopting those sections from the IRC
The Board listened to the presentation of the adoption of the 2018 International Residential Code with the staff's recommendation on amendments.

Chuck Gassman made a motion to accept the amendments of the Central Iowa Code Consortium to the 2018 International Residential Code in accordance with City staff's recommendations. Second by Martie Mendenhall. Motion passed by unanimous vote.

Chuck Gassman made a motion to accept City staff's recommendation of the amendment to the 2018 International Residential Code section 403.1.1 regarding footing sizes. Second by Martie Mendenhall. Motion passed by unanimous vote.

DBO Bishop began the presentation of the amendments for the adoption of the 2018 International Building Code. The CICC amendments were presented. The amendment regarding shaft construction contained in section 713 will require some additional thought. City staff has examined this amendment and it makes sense for wood-framed buildings, but it doesn't work for buildings of all construction types. Staff will work to provide new language at the November meeting.

A list of amendments was provided to the Board along with a staff recommendation for each amendment. That list has been included as a supplement to the minutes. The presentation focused on the requirements of each amendment, the staff recommendation, and the impacts of accepting or rejecting the amendment. Daycare and care facilities were discussed. Live/work units, storm shelters, address identification, and shaft construction amendments were discussed with the Board.

The fire sprinklers amendments were being discussed prior to adjournment. Staff will lead off with the fire sprinkler amendments at the November meeting.

Item 5: Adjourn
A motion to adjourn was made by Chad Layland and seconded by Jon Thyberg. The motion passed with unanimous approval and the meeting adjourned at 5:00 p.m.

Minutes prepared and submitted by: Brian Bishop, Deputy Building Official