

Meeting Notes
February 28, 2018

The committee met at 5:30 pm. A quorum was present so city staff led a discussion of the significant changes to the codes as noted below. The Fire Code has yet to be discussed.

IBC: All items were discussed with no amendments suggested for any of the items.

1. 311.1.1: Storage spaces are recognized as the occupancy to which they are accessory. **N**
2. 407.5.4: Smoke compartments require an exit or access to **two** adjacent compartments. **I**
3. 422.6: Emergency power required for ambulatory care facilities as for Health Care facilities. **I**
4. 503.1.4: Clarifies limits for rooftop-occupancies. Does not add a "story" by definition. **N**
 - a. Describes allowable rooftop occupancies as per top floor
 - i. Except when building has a sprinkler system
 - ii. And emergency occupant notification must be provided on the roof
 - b. Allows assembly occupancies above open parking garages.
5. 704.2 and 704.4.1: Eliminates individual column protection when located within a rated wall. **D**
6. 705.2: Decreased protection requirements for projections next to property lines. **D**
7. 706.1.1: Allows a party wall to be other than a "fire wall" if **D**
 - a. The entire structure complies with area and height
 - b. Agreements, easements and contracts must be approved by the City
8. 716.2.6.5: Self closing doors allowed incorporating a delayed-closing. **N**
9. 903.2.3: Adds fire sprinkler requirements for E occupancies (was 12,000 sq. ft.) **I**
 - a. E occupancies above or below the level of exit discharge.
 - b. Fire areas with occupant loads exceeding 300.
10. 1004.5 and 1004.8: Occupant load computation changes:
 - a. Business occupant load factor lowered to 1/150 sq. ft. **D**
 - b. Added "Concentrated business use" for call centers allowed to 1/50 sq. ft max density. **I**
11. 1103.2.14: Accessibility no longer required for walk in coolers that are employee work areas. **D**
12. 1705.5.2: Special inspection of **temporary and permanent bracing** required for trusses taller than 60" or longer than 60'. To be completed by the engineer. May also be completed by the inspector if sealed engineer plans are supplied. (commercial buildings only) **I**
13. 2211: Recognition of a new cold form steel structural standard AISI S202. **N**
14. 2304.10.5: Limits staples in preservative and fire treated lumber to be stainless steel. **I**
15. Table 2308.4.1.1 (1): Modified to the reduced span allowances for #2 Southern Pine lumber. An approximate decrease of 10% in allowable spans. **I**
16. Appendix N: Accepting replicable buildings with a streamlined review. Recommend adoption. **D**

IEBC: All items were discussed with no amendments suggested for any of the items.

1. 502.8: Added storm shelter requirements for additions to education occupancies. **I**

IRC: All items were discussed with no amendments suggested for any of the items.

1. 507.7: Adds decking material joist spacing table. **N**
2. 703.2: Recognizes other roof Water-Resistive-Barriers and their listings adds the requirement for detached buildings. **I**

I-Increase cost

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3. 1005.8: Requires a shield for factory built chimneys which need clearance to insulation. **I**
4. M 1502.4.2 and IMC 504.8.2: Concealed dryer ducts cannot be deformed to fit in walls. **I**
5. M 1503.6: Only requires kitchen make-up air for high velocity exhausts (>400cfm) when a gravity vented appliance is in the home. **D**
6. M1201.10: allows PEX tubing for heating systems to be tested with air. Previously just water was allowed for the test. **D**
7. G 2406.2 and IFGC 303.3: Allows a gas fired dryer in a bathroom or toilet room with a 100² inch opening. **N**
8. G 2420.6 and IFGC 409.7: Requires gas shut off valves to be stabilized in flexible pipe systems. **I**
9. G 2447.2: Allows commercial kitchen equipment in residential setting with engineering. **N**
10. P 2713.1: Allows bathtubs to be installed without an overflow. **D**
11. P 3003.2 and IPC 705.16.4: Allows cement welding of PVC to ABS with green glue complying with ASTM D3138. **D**
12. P 3111: Allows food waste disposers on a combination waste and vent system up to 8' to match IPC. **D**
13. E 3703.5: Requires a separate branch circuit for the garage. **I**
14. E 3901.9: Requires a receptacle in front of each garage "vehicle bay". **I**

IPC: *All items were discussed with no amendments suggested for any of the items.*

1. Table 403.1: Adds a gaming occupancy and new plumbing fixture minimum. **I**
2. 403.2: Allows max 25 people in business occupancy to have unisex restrooms. **D**
3. 403.3: Allows restrooms to be in an adjacent building within 500 feet. **D**
4. 504.6: Flexible pipes from P & T valves must be secured at their outlet and upsized if insert fittings are used. **I**
5. 701.2: Refers to the accepted "grey water" systems in chapters 13 & 14. **N** (Verify if water department approves of this type of installation) **N**
6. 702.3: Adds corrugated sewer pipe as an allowable building sewer. **D**
7. 716: Recognizes "pipe bursting" as an allowable building drain replacement up to 6". **D**
8. 1003.3.2. Removes food grinders from grease interceptors. **N** (J and J-is this a change?)

IMC: *All items were discussed with no amendments suggested for any of the items.*

1. 403.3.2.4: Requires label on residential ventilation system. **N** (J and J-is this a change?)

IFGC: *All items were discussed with no amendments suggested for any of the items.*

1. 503.4.1 and 503.4.2: Require plastic vent pipe to use primer at the connections as required by the acceptance standard UL 1738. **I**

NEC: *All items were discussed with no amendments suggested for any of the items.*

1. 210.8(E) GFCI Protection: Accept; now required at crawl space lighting outlets **I**

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2. 210.11(C)(4) Garage Branch Circuits: Accept; an exception was added to allow the circuit to supply readily accessible outdoor receptacle outlets. **D**
3. 210.12(C) Arc-Fault Circuit-Interrupter Protection: accept; guest rooms and suites in hotels and motels now require AFCI **I**
4. 210.52(C)(3) Peninsula countertop spaces: Accept; a peninsula countertop shall be measured from the connected perpendicular wall. **N**
5. 210.52(G)(1)Garage receptacles: Accept; receptacles shall be installed at each vehicle bay and not more than 5-1/2' above the floor. **N**
6. 210.71 Meeting Rooms: Accept; requires receptacle outlets for meeting rooms in commercial occupancies. **I**
7. 406.12 Tamper-Resistant Receptacles: Accept; expanded protection for the following: **I**
 - a. Preschools and elementary education facilities.
 - b. Business offices, corridors, waiting rooms and the like in clinics, medical and dental offices and outpatient facilities.
 - c. Subset of assembly occupancies described in 518.2 to include places of waiting transportation, gymnasiums, skating rinks, and auditoriums.
 - d. Dormitories.
8. 422.16(B)(2) Flexible cords for appliances: Accept; requires the dishwasher receptacle to be located in an adjacent space next to the occupied space of the dishwasher. **N**

IFC: See Fire Department review

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*The committee then moved onto the actual adoption of changes to the specific codes. The amendments which were discussed and approved are noted below. The remaining items in **bold** and the fire code Chapter 60 will be completed at the next meeting.*

Chapter 155 Building Code and Residential Code

1. 155.06: Delete: Replace with IRC and IBC language allowing for permit expiration based on inspection times. This allows us to administratively terminate permits or extend without fees if needed. **D**
Approved
2. 155.10: Delete: Accept the language in the IRC 110 and IBC 111 for Certificate of Occupancy. **N**
Approved
3. 155.11: Delete: Accept definition of “habitable attic” IRC 201 to allow an attic without counting as a floor above grade. **N**
Approved
4. 155.12: Correct the design parameters in IRC table R301.2 to match the code. **N**
Approved
5. 155.13: Delete: Accept the 2018 IRC corrected footnotes to table 302.1 (1&2) the ambiguous. **D**
Approved
6. 155.18: Modify this amendment to IRC 313.
 - a. Town homes: Add a condition limiting the entire structure to 10,000 ft² inclusive of all habitable and non habitable spaces regardless of fire separations.
 - b. One and two family dwellings:
 - i. Add a condition limiting the entire structure to 10,000 ft² inclusive of all habitable and non habitable spaces regardless of fire separations.
 - ii. Eliminate the “Alternate method” R313.3. This will cap the unsprinklered habitable space of a dwelling at 4,000 ft² /floor and 8,000 ft² total. (Includes the garage unless separated by 1 hour construction and a labeled fire door.) **I**
Approved
7. 155.19: Delete: Accept IRC 314 requirements for smoke detector location restrictions at bathrooms and commercial stoves in accordance with detector listings. **N**
Approved
8. 155.20: Correct to adopt the 2018 International Pool and Spa Code instead of the 2015. **N**
Approved
9. 155.21: Delete: Accept ISPSC 305 power safety covers in place of required barriers. **D**
Approved
10. 155.23: Delete: Accept locking exceptions in IBC 1010 to allow “...Shall Remain unlocked” signage on exit doors with double cylinders. (question consistency with other jurisdictions)**D**
Approved
11. 155.29: Modify: Foundation drainage is located in city code section 907.2. **N**
Approved

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Chapter 156 Plumbing Code

1. 156.04: Delete to accept the Fuel Gas Code as noted in P101.2 **N**
Approved
2. 156.05: Modify by changing to "2018" and eliminating the requirement of an engineer. **N**
Approved
3. 156.08: Modify by moving to P108.4 with no change in language. **N**
Approved
4. **156.12: Add P603.2.2: No joints allowed in service lines under buildings as per water rules and require an RPZ on all commercial service lines. I (to be discussed next meeting)**
5. 156.13: Delete; Marty accepts IPC water service materials. **N**
Approved
6. 156.15: Modify: change the code section reference to 714.1 **N**
Approved
7. 156.17: Modify: limit the requirement to: " where floor drains are provided" **D**
Approved

Chapter 157 NEC

1. 157.07 SMOKE DETECTORS AND CO ALARMS: Modify to match State Statute and detector listings: **N**
Approved
2. 157.08 CLEAR SPACE. Delete: The clearance requirements in the NEC are now acceptable. **N**
Approved
3. **157.10 COUNTER TOPS: Delete; may add a required receptacle. I (to be discussed next meeting)**
4. 157.11 Mast requirements: Delete; these requirements are in the NEC. **N**
Approved
5. 157.12 USES PERMITTED: Delete; use NEC for wiring method allowable locations. **D**
Approved
6. 157.13 USES NOT PERMITTED: Delete; use NEC for wiring methods in allowable locations. **D**
Approved

Chapter 158 Mechanical Code and Fuel Gas Code

1. 158.01: Change the year of the model code.
Approved
2. 158.04: Delete since the fuel gas code is included in the IMC 101.2 scope. **N**
Approved
3. 158.07 Modify by moving to IMC 108.4 and no change of language. **N**
Approved

I-Increase cost

D-Decrease cost

N-Neutral cost

Meeting Notes
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Chapter 159 Appeals Board:

1. 159.02: Allow for more than 7 members.
Approved
2. 159.06: Reference the "fee Schedule" instead of a flat amount.
Approved
3. 159.07 (4) and (4) A.: clarify the vote majority is a majority of the "full Board"
Approved
4. 159.09: Clarify recommendation authority is for rental licensure and not Pipe layers.
Approved
5. 159.12: Delete testing since we are no longer giving tests
Approved

Chapter 160 Fire Code (to be discussed at the next meeting)

See Fire Department recommendations.

Chapter 163 Housing Code

1. 163.03 Modify: add reference City amendments to IPMC in Chapter 164 N
Approved
2. 163.08: Delete-located in chapter 164
Approved
3. **163.11: Delete items (3) "occupant load" and (4) "Family" relocate items (1) and (2) in 164 (to be discussed at next meeting)**

Chapter 164 Property Maintenance Code

1. 164.07: Moved to a new section
Approved
2. 164.10: Modified smoke detector location amendment to include the State Statute. I
Approved

The meeting was adjourned at 6:45 and the next meeting is scheduled for March 14th at 5:30.

IBC and IRC:	City Code Section: Proposed action: Description: Cost	Other Jurisdictions				Appeals Bd Recommend
		Hiawa	C. R.	Marion	Linn Co.	
1.	155.06: Delete: Replace with IRC and IBC language allowing for permit expiration based on inspection times. This allows us to administratively terminate permits or extend without fees if needed. D	YES				YES
2.	155.10: Delete: Accept the language in the IRC 110 and IBC 111 for Certificate of Occupancy. N	YES				YES
3.	155.11: Delete: Accept definition of "habitable attic" IRC 201 to allow an attic without counting as a floor above grade. N	YES				YES
4.	155.12: Correct the design parameters in IRC table R301.2 to match the code. N	YES				YES
5.	155.13: Delete: Accept the 2018 IRC corrected footnotes to table 302.1 (1&2) the ambiguous. D	YES				YES
6.	155.14: Delete: Accept 2018 IRC 302.5.1 and require the garage/house door to be self closing: I	NO	NO	NO	YES	NO
7.	155.15: Delete: Accept 2018 IRC 302.13 and require a ceiling in basements where the floor joists are not standard lumber. I (This is not required in fully fire sprinkled homes.)	NO	NO	NO	NO	NO
8.	155.16: Delete: Accept IRC 308 which is slightly less restrictive for inset exterior doors. D	NO	NO	NO	NO	NO
9.	155.17: Delete: Accept IRC 312.2.1 and IBC 1015.8 and required window fall protection. I (OK AS LONG AS "EASY BREEZE" ARE NOT CONSIDERED WINDOWS BUT REQUIRE GUARDS)	NO	NO	NO	NO	NO
10.	155.18: Modify this amendment to IRC 313.	YES	C.R. LIKES THE CHANGE MARION: NOT SINCE THERE IS NO CODE FOUNDATION FOR THE LIMIT LINN CO.-NO OPINION			
	a. Town homes: Add a condition limiting the entire structure to 10,000 ft ² inclusive of all habitable and non habitable spaces regardless of fire separations.					
	b. One and two family dwellings:					
	i. Add a condition limiting the entire structure to 10,000 ft ² inclusive of all habitable and non habitable spaces regardless of fire separations.					
	ii. Eliminate the "Alternate method" R313.3. This will cap the unsprinklered habitable space of a dwelling at 4,000 ft ² /floor and 8,000 ft ² total. (Includes the garage unless separated by 1 hour construction and a labeled fire door.) I					
11.	155.19: Delete: Accept IRC 314 requirements for smoke detector location restrictions at bathrooms and commercial stoves in accordance with detector listings. N	YES	YES	NO	YES	YES
12.	155.20: Correct to adopt the 2018 International Pool and Spa Code instead of the 2015. N	YES				YES
13.	155.21: Delete: Accept ISPSC 305 power safety covers in place of required barriers. D	YES				YES
14.	155.23: Delete: Accept locking exceptions in IBC 1010 to allow "...Shall Remain unlocked" signage on exit doors with double cylinders. (question consistency with other jurisdictions) D	YES	YES	NO	YES	YES
15.	155.29: AMEND: Foundation drainage is now located in Hiawatha code 97.02. N	YES				YES
16.	155.31: Delete: No longer necessary since the code for apartment vs. condo are the same. N	YES				YES
17.	155.32: Delete: Reference to storage containers no longer needed. See UDC. N	YES				YES
Changes to Chapter 160 Fire Code: If proposal is available we will involve the Appeals Board						

Decrease

Increase

Neutral

City Code Section: Proposed action: Description: Cost	Hiawa	C. R.	Marion	Linn Co.	Hiawa
Plumbing Code					
1. 156.05: Modify by changing to "2018" and eliminating the requirement of an engineer for UPC. N	YES				YES
2. 156.08: Modify to reference the proper IPC code section; P108.4 with no change in language. N	YES				YES
3. 156.13 Add P603.2.2: "No joints allowed in service lines under buildings and add RPZ requirement as per water rules". I	YES				
4. 156.13: Delete: Marty accepts water service materials in IPC. N	YES				YES
5. 156.15: Modify: correct the code section reference to 714.1 N	YES				YES
6. 156.17: Modify: limit the requirement for sand interceptors to: " where floor drains are provided" D	YES				YES
Electrical Code					
1. 157.06 NONMETALLIC-SHEATHED CABLE. Delete; allow this wiring method more types of construction. D	NO	NO	NO	YES	NO
2. 157.07 SMOKE DETECTORS AND CO ALARMS: Modify to match State Statute and detector listings: N					
3. 157.08 CLEAR SPACE. Delete: The clearance requirements in the NEC are now acceptable. N					
4. 157.10 COUNTER TOPS: Delete; may add a required receptacle. I	YES	NO	NO	YES	
5. 157.11 Mast requirements: Delete; these requirements are in the NEC. N					
6. 157.12 USES PERMITTED: Delete; use NEC for wiring method allowable locations. D	YES	NO	NO	YES	YES
7. 157.13 USES NOT PERMITTED: Delete; use NEC for wiring methods in allowable locations. D	YES	NO	NO	YES	YES
Changes to Chapter 158: Mechanical code adoption are only administrative					
Appeals Board					
1. 159.02: Amend: Allow for more than 7 members.					
2. 159.06: Amend: Reference the "fee Schedule" instead of an amount.					
3. 159.07 (4) and (4) A.: Amend: clarify the vote majority is a majority of the "full Board"					
4. 159.09: Amend: Clarify recommendation authority is for rental licensure and not Pipe layers.					
5. 159.12: Delete: remove testing since we are no longer giving tests.					
Changes to 163: Housing Code / 164: Maintenance Code are coordinated with the IRC / IBC changes.					
1. 163.11: Delete definitions for occupant load and family	YES				

Decrease

Increase

Neutral

Miscellaneous items					
Is “easy breeze” a window? (IF NO THEN GUARDS ARE REQUIRED AND PET SCREENS MAY BE GUARDS)	YES	NO	NO	NO	YES
Will you adopt the “Tiny House” appendix	YES	YES			YES
Will you adopt the “Replicable Building” appendix	YES	YES			
What size residential structure do you allow without frost protected footings	All: limit eave height to 10’	1250	600		All: limit eave height to 10’

Decrease

Increase

Neutral