Item	CAC	Codes	Topic	Note
	Coordination			
1	None	IBC	Move posting to Chapter	
			16	
2	FCAC,	IBC, IFC, IEBC,	Coordination section on	Submitted to IECC
	PMGCAC,	IWUIC, IZC, IMC, IPMC, IFGC, ISPS,	Fees	
	(SEPCAC)	IGCC, IRC		
4	FCAC, PMGCAC	IBC, IMC, IFGC,	Temporary structures	FCAC comments
	,	IEBC, IPSDC,	,	
		IWUIC, ISPSC, IFC		
		and IRC		
5	None	IRC	Enforcement agency	
6	FCAC, PMGCAC	IBC, IECC, IWUIC, ISPSC, IRC,	Board of Appeals/Means	FCAC comments
		IPSDC, IPMC,	of Appeals	Submitted to IECC
		IGCC, IFGC, IFC,		
		IEBC, IPC, IMC		
9	None	IRC	Property protection added	
			to Intent	
10	None	IRC	Service utilities	
11	None	IEBC, IPMC	Demolition	
13	None	IRC	IRC/IBC Scope	
18	PMGCAC	ISPSC, IPSDC, IFGC, IPC, IMC	Duplicate text	
19	PMGCAC	IPSDC	Coord. with ADM 27 and	
			33-19	
20	PMGCAC	ISPSC, IPSDC, IFGC,	Coord with ADM 43-19	
		IPMC		
21	None	IEBC, IRC	IBC/IRC coordination with	Part of larger change
			existing building	with IEBC/IRC – not
			coordination	BCAC sponsored
23	PMGCAC	IPC	Fees missing	
24	PMGCAC,	ICCPC, IEBC, IFGC,	Limitation for appendix	
	(SEHPCAC)	IGC, IPC, IPMC, IRC,		
		ISPSC (IECC R and C)		
32	FCAC, PMGCAC	IBC, IRC, IFC, IPC,	Alternative means	
	(SEPCAC)	IMC, IFGC, IEBC,	(formatting)	
		IPSDC, IPMC,		
		IWUIC, ISPSC, IGCC		

BCAC Admin Item 1 Posting of live loads

Codes: IBC

Committee: BCAC

From Shane Nilles Date: 9-17-2020

IBC only

SECTION 106 FLOOR AND ROOF DESIGN LOADS

[A] 106.1 Live loads posted. In commercial or industrial buildings, for each floor or portion thereof designed for live loads exceeding 50 psf (2.40 kN/m²), such design live loads shall be conspicuously posted by the owner or the owner's authorized agent in that part of each story in which they apply, using durable signs. It shall be unlawful to remove or deface such notices.

[A] 106.2 Issuance of certificate of occupancy._A certificate of occupancy required by Section 111 shall not be issued until the floor load signs, required by Section 106.1, have been installed.

[A] 106.3 Restrictions on loading. It shall be unlawful to place, or cause or permit to be placed, on any floor or roof of a building, structure or portion thereof, a load greater than is permitted by this code.

1607.7.5 Posting. The maximum weight of vehicles allowed into or on a garage or other structure shall be posted <u>on a durable sign in a readily visible location at the vehicle entrance of the building or other approved location</u> by the owner or the owner's authorized agent in accordance with Section 106.1.

Reason: This proposal addresses the concerns expressed during testimony on a similar change last cycle. S52-19 attempted to move this signage requirement back to Chapter 16. This section was moved to the administrative provisions from structural by S48-07/08 The structural committee felt that this sign did not belong with the loading provisions in Chapter 16. There was testimony stating that the signage for live loads exceeding 50 pounds was an erroneous requirement. Signage requirements do not belong in the administrative provisions and none are found in any of the Administrative requirements in any of the other codes. Therefore, this proposal to delete the sign that was considered ineffective out of Chapter 1, and add a clarification of the requirements for the vehicle loading in Section 107.7.5 where it currently exists.

Cost impact: Reduction. Eliminates signage in some areas.

BCAC ADM Item 2 Fees

Codes: IBC, IFC, IEBC, IWUIC, IZC, IMC, IPMC, IFGC, ISPSC. (IGCC added)

Committee: BCAC, FCAC, PMGCAC

ADM 33-19

Part 1 AM – IBC, IFC, IEBC, IWUIC

Part 2 D IECC Commercial

Part 3 D IECC Residential

Part 4 AS - IGCC

Rep: Amber Armstrong

Date: 11-26-2021

Notes: Add to IRC and coordinate Permit Valuation with IECC proposed text.

IBC, IFC, IEBC, IWUIC, IZC, IMC, IPMC, IFGC, ISPSC. (IGCC added)

[A] 109.3 Permit valuations. The applicant for a permit shall provide an estimated permit value of the work for which the permit is being issued at time of application. Permit valuations shall reflect Such estimated valuations shall include the total value of work, including materials and labor, for which the permit is being issued, such as electrical, gas, mechanical, plumbing equipment and permanent systems. If Where, in the opinion of the building official, the valuation is underestimated on the application, the permit shall be denied, unless the applicant can show detailed estimates to meet the approval of acceptable to the building official.

Two version for BCAC – maybe separate change.

The building official shall have the authority to adjust the final estimated evaluation for permit fees.

-or-

Final building permit valuation shall be set by the building official.

Reason: The intent of this proposal is to coordinate the IRC with the provisions for fees in the other I-codes. Last cycle there were two different proposals to address consistency in the Fees section (ADM 27-19 and ADM 33-19) – the end result was coordination between the 2021 codes. for – IBC, IFC, IEBC, IMC, IPC, IPMC, IFGC, ISPSC, IWUIC and IZC.

The revisions to Section 109.3 is based on some concerns raised during discussion. The change to the first and second sentence is a clarification of application. The cost of the permit is the value of the work being performed, not the value of the permit.

There is another code change to add this section to IPC. ADM27-19 was approved last cycle for the coordination of the Fees section in IMC, IPC, IPMC, IFGC, ISPSC. This section was left out of IPC by accident. If this proposal is approved, that language should also be revised in IPC Section 109.3.

SECTION R108 FEES

R108.1 Payment of fees. A permit shall not be valid until the fees prescribed by law have been paid, nor shall an amendment to a permit be released until the additional fee, if any, has been paid.

R108.2 Schedule of permit fees. Where a permit is required, On buildings, structures, electrical, gas, mechanical and plumbing systems or alterations requiring a permit, a fee for each permit shall be paid as required, in accordance with the schedule as established by the applicable governing authority.

R108.3 Building permit valuations. The applicant for a permit shall provide an estimated value of the work for which the permit is being issued at time of application. Such estimated Building permit valuation shall include total value of the work, including materials and labor, for which a the permit is being issued, such as electrical, gas, mechanical, plumbing equipment and other permanent systems, including materials and labor. Where, in the opinion of the building official, the valuation is underestimated, the permit shall be denied, unless the applicant can show detailed estimates acceptable to the building official. Final building permit valuation shall be approved by the building official.

<u>R108.4</u> R108.6 Work commencing before permit issuance. Any A person who commences any work, activity or operation regulated by this code requiring a permit on a building, structure, electrical, gas, mechanical or plumbing system before obtaining the necessary permits shall be subject to a fee established by the applicable governing authority, which shall be in addition to the required permit fees.

<u>R108.5</u> R108.4 Related fees. The payment of the fee for the construction, alteration, removal or demolition for work done in connection to or concurrently with the work authorized by a building permit shall not relieve the applicant or holder of the permit from the payment of other fees that are prescribed by law.

R108.6 R108.5 Refunds. The building official is authorized to establish a refund policy.

Reason: The intent of this proposal is coordination for the section Fees in IRC with the other ICC codes. Since one city department will handle permit fees for construction, the requirements for administration should be the same across codes. Last cycle there were two different proposals to address consistency in the Fees section (ADM 27-19 and ADM 33-19) – the end result was coordination between the 2021 codes. for – IBC, IFC, IEBC, IMC, IPC, IPMC, IFGC, ISPSC, IWUIC and IZC. ADM33-19 should have included IRC, however it was missed.

- Payment of fees consistent title, clarification of language
- Schedule of permit fees A permit is not required for everything and the list is in R108.3.
- Permit valuation: permits can be for other than just buildings (add reason)
- Work commencing before permit issuance remove redundant language, the list is in R108.3
- Related fees fees application for other than just buildings
- Refunds the governing authority sets the fees, not the building official

The BCAC is working from the philosophy that ICC is a family of codes, so administrative requirements should be consistent across books. Most administrative and enforcement matters are the same for any code. Those matters unique for a specific code remain unchanged. This is one of a series of proposals being submitted relating to technical, editorial and organizational changes proposed for the Administrative chapters (Chapter 1) in all of the I-Codes.

Cost Impact : The net effect of the public comment and code change proposal will not increase or decrease the cost of construction

This is an editorial change that provides consistency between I-codes.

BCAC ADM Item 4 Temporary Uses

Codes: IBC, IMC, IFGC, IEBC, IPSDC, IWUIC, ISPSC, IFC and IRC.

Committees: BCAC, FCAC, PMGCAC

ADM 32-19

Part 1 D - IBC, IPC, IMC, IFGC, IEBC, IPSDC, IWUIC, ISPSC, IFC

Part 2 D - IRC

Rep- Jim Smith, Marc Nard, Truong Huynh

Blue text is new for 2021. Proposal is red.

This proposal will follow what BCAC did in the public comment to ADM 32-19 for IBC, IMC, IFGC, IEBC, IPSDC, IWUIC, ISPSC, IFC and IRC.

International Building Code

Revise as follows:

SECTION 108

TEMPORARY STRUCTURES AND USES EQUIPMENT AND SYSTEMS.

[A] 108.1 General. The *building official* is authorized to issue a permit for temporary structures—and temporary uses, equipment or systems. Such *permits* shall be limited as to time of service, but shall not be permitted for more than 180 days. The *building official* is authorized to grant extensions for demonstrated cause.

[A] 108.2 Conformance. Temporary structures and uses-shall comply with the requirements in Section 3103.

[A] 108.3 Temporary power_service utilities. The building official is authorized to give permission to temporarily supply service utilities in accordance with Section 112. and use power in part of an electric installation before such installation has been fully completed and the final certificate of completion has been issued. The part covered by the temporary certificate approval shall comply with the requirements specified for temporary lighting, heat or power in NFPA 70.

[A] 108.4 Termination of approval. The *building official* is authorized to terminate such permit for a temporary structure, equipment, or use system and to order the temporary structure or use same to be discontinued.

SECTION 112 SERVICE UTILITIES

[A] 112.1Connection of service utilities. A person shall not make connections from a utility, a source of energy, fuel, or power, or a water system or sewer system to any building or system that is regulated by this code for which a *permit* is required, until approved by the *building official*.

[A] 112.2Temporary connection. The *building official* shall have the authority to authorize the temporary connection of the building or system to the utility, the source of energy, fuel, or power, or the water system or sewer system for the purpose of testing systems or for use under a temporary approval.

[A] 112.3Authority to disconnect service utilities. The *building official* shall have the authority to authorize disconnection of utility service to the building, structure or system regulated by this code

and the referenced codes and standards in case of emergency where necessary to eliminate an immediate hazard to life or property or where such utility connection has been made without the approval required by Section 112.1 or 112.2. The *building official* shall notify the serving utility, and wherever possible the *owner* or the owner's authorized agent and occupant of the building, structure or service system of the decision to disconnect prior to taking such action. If not notified prior to disconnecting, the *owner* or the owner's authorized agent or occupant of the building, structure or service system shall be notified in writing, as soon as practical thereafter.

IEBC

SECTION 107

TEMPORARY STRUCTURES AND USES, EQUIPMENT AND SYSTEMS

[A] 107.1General. The *code official* is authorized to issue a permit for temporary uses, <u>equipment</u> <u>and systems</u>. Such permits shall be limited as to time of service but shall not be permitted for more than 180 days. The *code official* is authorized to grant extensions for demonstrated cause.

[A] 107.2Conformance. Temporary uses shall conform to the structural strength, fire safety, means of egress, accessibility, light, ventilation and sanitary requirements of this code as necessary to ensure the public health, safety and general welfare.

[A] 107.3Temporary power service utilities. The code official is authorized to give permission to temporarily supply service utilities in accordance with Section 111. and use power in part of an electric installation before such installation has been fully completed and the final certificate of completion has been issued. The part covered by the temporary certificate shall comply with the requirements specified for temporary lighting, heat or power in NFPA 70.

[A] 107.4Termination of approval. The *code official* is authorized to terminate such permit for a temporary use and to order the temporary use to be discontinued.

SECTION 111 SERVICE UTILITIES

- [A] 111.1 Connection of service utilities. A person shall not make connections from a utility, source of energy, fuel, power, water system or sewer system to any building or system that is regulated by this code for which a permit is required, until *approved* by the *code official*.
- [A] 111.2 Temporary connection. The *code official* shall have the authority to authorize the temporary connection of the building or system to the utility, source of energy, fuel, power, water system or sewer system for the purpose of testing systems or for use under a temporary approval.
- [A] 111.3 Authority to disconnect service utilities. The *code official* shall have the authority to authorize disconnection of utility service to the building, structure or system regulated by this code and the referenced codes and standards in case of emergency where necessary to eliminate an immediate hazard to life or property or where such utility connection has been made without the approval required by Section 111.1 or 111.2. The *code official* shall notify the serving utility and, wherever possible, the owner or the owner's authorized agent and the occupant of the building, structure or service system of the decision to disconnect prior to taking such action. If not notified prior to disconnecting, the owner, the owner's authorized agent or occupant of the building, structure or service system shall be notified in writing, as soon as practical thereafter.

International Fire Code

Notes: 11-11-2021 Notes from FCAC; don't like the list; think it should be across codes. SECTION 106

TEMPORARY STRUCTURES, USES, EQUIPMENT AND SYSTEMS

106.1 General. The fire code official is authorized to issue a permit for temporary structures, uses, equipment or systems. Such permits shall be limited as to time of service, but shall not be permitted for more than 180 days. The fire code official is authorized to grant extensions for demonstrated cause.

<u>106.2 Conformance</u> Temporary uses, equipment and systems shall conform to the requirements of this code as necessary to ensure the health, safety and general welfare.

<u>106.3 Temporary service utilities.</u> The fire code official is authorized to give permission to temporarily supply service utilities in accordance with Section 110.

106.4 Termination of approval. The fire code official is authorized to terminate such permit for a temporary uses, equipment, or system and to order the same to be discontinued.

SECTION 110 SERVICE UTILITIES

[A] 110.1Authority to disconnect service utilities. The *fire code official* shall have the authority to authorize disconnection of utility service to the building, structure or system in order to safely execute emergency operations or to eliminate an immediate hazard. The *fire code official* shall notify the serving utility and, where possible, the *owner* or the *owner's* authorized agent and the occupant of the building, structure or service system of the decision to disconnect prior to taking such action. If not notified prior to disconnection, then the *owner*, the *owner's* authorized agent or occupant of the building, structure or service system shall be notified in writing as soon as practical thereafter.

IRC

SECTION R107

TEMPORARY STRUCTURES, USES, EQUIPMENT AND USES SYSTEMS

R107.1 General. The building official is authorized to issue a permit for temporary structures and temporary uses, equipment, or systems. Such permits shall be limited as to time of service, but shall not be permitted for more than 180 days. The building official is authorized to grant extensions for demonstrated cause.

R107.2 Conformance. Temporary structures, and uses, equipment or systems shall conform to the structural strength, fire safety, means of egress, light, ventilation and sanitary requirements of this code as necessary to ensure the public health, safety and general welfare.

R107.3 Temporary power service <u>utilities</u>. The building official is authorized to give permission to temporarily <u>supply service utilities in accordance with Section R111</u>, and use power in part of an electric installation before such installation has been fully completed and the final certificate of completion has been issued. The part covered by the temporary certificate shall comply with the requirements specified for temporary lighting, heat or power in NFPA 70.

R107.4 Termination of approval. The building official is authorized to terminate such permit for a temporary structure equipment, or use system and to order the temporary structure or use same to be discontinued.

SECTION R111 SERVICE UTILITIES **R111.1 Connection of service utilities.** A person shall not make connections from a utility, source of energy, fuel or power to any building or system that is regulated by this code for which a *permit* is required, until *approved* by the *building official*.

R111.2 Temporary connection. The *building official* shall have the authority to authorize the temporary connection of the building or system to the utility, source of energy, fuel or power.

R111.3 Authority to disconnect service utilities. The *building official* shall have the authority to authorize disconnection of utility service to the building, structure or system regulated by this code and the referenced codes and standards set forth in Section R102.4 in case of emergency where necessary to eliminate an immediate hazard to life or property or where such utility connection has been made without the approval required by Section R111.1 or R111.2. The *building official* shall notify the serving utility and where possible the owner or the owner's authorized agent and occupant of the building, structure or service system of the decision to disconnect prior to taking such action. If not notified prior to disconnection, the owner, the owner's authorized agent or occupant of the building, structure or service system shall be notified in writing as soon as practical thereafter.

IPC

SECTION 107

TEMPORARY <u>USES</u>, EQUIPMENT, <u>AND</u> SYSTEMS <u>AND USES</u>

[A] 107.1General. The code official is authorized to issue a permit for temporary <u>uses</u>, equipment, <u>and</u> systems <u>and uses</u>. Such permits shall be limited as to time of service, but shall not be permitted for more than 180 days. The code official is authorized to grant extensions for demonstrated cause.

[A] 107.2Conformance. Temporary <u>uses</u>, equipment, <u>and</u> systems and uses shall conform to the <u>structural strength</u>, <u>fire safety</u>, <u>means of egress</u>, <u>accessibility</u>, <u>light</u>, <u>ventilation and sanitary</u> requirements of this code as necessary to ensure the public health, safety and general welfare.

[A] 107.3 Temporary service utilities. The code official is authorized to give permission to temporarily supply service utilities in accordance with Section 112. before an installation has been fully completed and the final certificate of completion has been issued. The part covered by the temporary certificate shall comply with the requirements specified for temporary lighting, heat or power in the code.

[A] 107.4Termination of approval. The code official is authorized to terminate such permit for temporary <u>uses</u>, equipment, <u>or</u> systems <u>or uses</u> and to order the temporary <u>uses</u>, equipment, <u>or</u> systems <u>or uses</u> to be discontinued.

SECTION 112 SERVICE UTILITIES

[A] 107.7112.1Connection of service utilities. A person shall not make connections from a utility, source of energy, fuel, power, water system or *sewer* system to any building or system that is regulated by this code for which a permit is required until authorized by the code official.

[A] 107.6112.2Temporary connection. The code official shall have the authority to authorize the temporary connection of the building or system to the utility, source of energy, fuel, power, water system or sewer system for the purpose of testing plumbing systems or for use under a temporary approval.

[A] 112.3 Authority to disconnect service utilities. The code official shall have the authority to authorize disconnection of utility service to the building, structure or system regulated by this code and the referenced codes and standards in case of emergency where necessary to eliminate an immediate hazard to life or property or where such utility connection has been made without the approval required by Section 112.1 or 112.2.

The code official shall notify the serving utility, and wherever possible the owner or the owner's authorized agent and occupant of the building, structure or service system, of the decision to disconnect prior to taking such action. If not notified prior to disconnecting, the owner, the owner's authorized agent or occupant of the building, structure or service system shall be notified in writing as soon as practical thereafter.

IMC

SECTION 107

TEMPORARY <u>USES</u>, EQUIPMENT, <u>AND</u> SYSTEMS AND USES

[A] 107.1General. The code official is authorized to issue a permit for temporary <u>uses</u>, equipment, <u>and</u> systems and uses. Such permits shall be limited as to time of service, but shall not be permitted for more than 180 days. The code official is authorized to grant extensions for demonstrated cause.

[A] 107.2Conformance. Temporary <u>uses</u>, equipment, <u>and</u> systems and uses shall conform to the structural strength, fire safety, means of egress, accessibility, light, ventilation and sanitary requirements of this code as necessary to ensure the public health, safety and general welfare.

[A] 107.3Temporary service utilities. The code official is authorized to give permission to temporarily supply service utilities before an installation has been fully completed and the final certificate of completion has been issued. The part covered by the temporary certificate shall comply with the requirements specified for temporary lighting, heat or power in the code.

[A] 107.4Termination of approval. The code official is authorized to terminate such permit for temporary <u>uses</u>, equipment, <u>or</u> systems <u>or uses</u> and to order the temporary <u>uses</u>, equipment, <u>or</u> systems <u>or uses</u> to be discontinued.

SECTION 112 SERVICE UTILITIES

[A] 112.1Connection of service utilities. A person shall not make connections from a utility, source of energy, fuel or power to any building or system that is regulated by this code for which a permit is required, until authorized by the code official.

[A] 112.2Temporary connection. The code official shall have the authority to authorize the temporary connection of the building or system to the utility, source of energy, fuel, power, water system or sewer system for the purpose of testing systems or for use under a temporary approval.

[A] 112.3 Authority to disconnect service utilities. The code official shall have the authority to authorize disconnection of utility service to the building, structure or system regulated by this code and the referenced codes and standards in case of emergency where necessary to eliminate an immediate hazard to life or property or where such utility connection has been made without the approval required by Section 112.1 or 112.2. The code official shall notify the serving utility, and wherever possible the owner or the owner's authorized agent and occupant of the building, structure or service system, of the decision to disconnect prior to taking such action. If not notified prior to disconnecting, the owner, the owner's authorized agent or occupant of the building, structure or service system shall be notified in writing as soon as practical thereafter.

IFGC

SECTION 111(IFGC)

TEMPORARY <u>USES</u>, EQUIPMENT, <u>AND</u> SYSTEMS <u>AND USES</u>

[A] 111.1General. The *code official* is authorized to issue a permit for temporary <u>uses</u>, *equipment*, <u>and</u> systems <u>and uses</u>. Such permits shall be limited as to time of service, but shall not be permitted for more than 180 days. The *code official* is authorized to grant extensions for demonstrated cause.
[A] 111.2Conformance. Temporary <u>uses</u>, equipment, <u>and</u> systems <u>and uses</u> shall conform to the <u>structural strength</u>, fire <u>safety</u>, means of <u>egress</u>, accessibility, light, ventilation and <u>sanitary</u> requirements of this code as necessary to ensure the public health, safety and general welfare.
[A] 111.3Temporary <u>service</u> utilities. The *code official* is authorized to give permission to temporarily supply <u>service</u> utilities in accordance with <u>Section 110</u>. before an installation has been fully completed and the final certificate of completion has been issued. The part covered by the temporary certificate shall comply with the requirements specified for temporary lighting, heat or power in the code.

[A] 111.4Termination of approval. The *code official* is authorized to terminate such permit for a temporary structure or use uses, equipment or systems and to order the temporary structure or use to be discontinued.

SECTION 110(IFGC) SERVICE UTILITIES

[A] 110.1Connection of service utilities. A person shall not make connections from a utility, source of energy, fuel or power to any building or system that is regulated by this code for which a permit is required until authorized by the *code official*.

[A] 110.2Temporary connection. The *code official* shall have the authority to authorize the temporary connection of the building or system to the utility, source of energy, fuel, power, water system or sewer system for the purpose of testing the installation or for use under a temporary approval.

110.3Authority to disconnect service utilities. The *code official* shall have the authority to authorize disconnection of utility service to the building, structure or system regulated by this code and the referenced codes and standards in case of emergency where necessary to eliminate an immediate hazard to life or property or where such utility connection has been made without the approval required by Section 112.1 or 112.2. The *code official* shall notify the serving utility, and wherever possible the owner or the owner's authorized agent and occupant of the building, structure or service system, of the decision to disconnect prior to taking such action. If not notified prior to disconnecting, the owner, the owner's authorized agent or occupant of the building, structure or service system shall be notified in writing, as soon as practical thereafter.

IPSDC

(This shows code changed approved – asking about errata.)

SECTION 109

TEMPORARY <u>USES</u>, EQUIPMENT, <u>AND</u> SYSTEMS <u>AND USES</u>

[A] 109.1General. The *code official* is authorized to issue a permit for temporary uses, equipment, or systems. Such permits shall be limited as to time of service, but shall not be permitted for more than 180 days. The *code official* is authorized to grant extensions for demonstrated cause.

[A] 109.2Conformance. Temporary uses, equipment and systems shall conform to the structural strength, fire safety, means of egress, accessibility, light, ventilation and sanitary requirements of this code as necessary to ensure the health, safety and general welfare.

[A] 109.3Temporary <u>service</u> utilities. The *code official* is authorized to give permission to temporarily supply <u>service</u> utilities <u>in accordance with Section 110.</u>, <u>sources of energy, fuel, power</u>,

water systems or sewer systems before an installation has been fully completed and the final approval has been issued. The part covered by the temporary approval shall comply with the requirements specified for temporary lighting, heat or power in this code.

[A] 109.4Termination of approval. The *code official* is authorized to terminate such permit for temporary uses, equipment or system and to order the same to be discontinued.

SECTION 110 SERVICE UTILITIES

[A] 110.1Connection of service utilities.

No person shall make connections from a utility, source of energy, fuel or power to any building or system that is regulated by this code for which a permit is required until authorized by the *code official*. **[A] 110.2Temporary connection.**

The *code official* shall have the authority to authorize the temporary connection of the building or system to the utility, source of energy, fuel, water system or sewer system for the purpose of testing systems or for use under a temporary approval.

[A] 110.3Authority to disconnect service utilities.

The *code official* shall have the authority to authorize disconnection of utility service to the building, structure or system regulated by this code and the referenced codes and standards in case of emergency where necessary to eliminate an immediate hazard to life or property or where such utility connection has been made without the approval required by Section 110.1 or 110.2. The *code official* shall notify the serving utility, and wherever possible the owner or the owner's authorized agent and occupant of the building, structure or service system of the decision to disconnect prior to taking such action. If not notified prior to disconnecting, the owner, the owner's authorized agent or occupant of the building, structure or service system shall be notified in writing, as soon as practical thereafter.

IWUIC

SECTION 108

TEMPORARY <u>USES</u>, EQUIPMENT, <u>AND</u> SYSTEMS <u>AND USES</u>

[A] 108.1 General. The *code official* is authorized to issue a permit for temporary structures and temporary uses, equipment and systems. Such permits shall be limited as to time of service, but shall not be permitted for more than 180 days. The *code official* is authorized to grant extensions for demonstrated cause.

[A] 108.2 Conformance. Temporary structures and uses, equipment and systems shall conform to the structural strength, fire safety, means of egress, accessibility, light, ventilation and sanitary requirements of this code as necessary to ensure the public health, safety and general welfare.

[A] 108.3Temporary service utilities. The code official is authorized to give permission to temporarily supply service utilities in accordance with Section 112.

[A] 108.3 108.4 Termination of approval. The *code official* is authorized to terminate such permit for a temporary structure or use, equipment or systems and to order the temporary structure or use same to be discontinued.

SECTION 112 SERVICE UTILITIES

[A] 112.1Connection of service utilities. A person shall not make connections from a utility, source of energy, fuel, power, water system or sewer system to any building or system that is regulated by this code for which a permit is required until authorized by the *code official*.

[A] 112.2Temporary connection. The *code official* shall have the authority to authorize the temporary connection of the building or system to the utility, source of energy, fuel, power, water system or sewer system for the purpose of testing systems or for use under a temporary approval.

[A] 112.3 Authority to disconnect service utilities. The *code official* shall have the authority to authorize disconnection of utility service to the building, structure or system regulated by this code and the referenced codes and standards in case of emergency where necessary to eliminate an immediate hazard to life or property or where such utility connection has been made without the approval required by Sections 112.1 and 112.2. The *code official* shall notify the serving utility and, where possible, the owner or the owner's authorized agent and the occupant of the building, structure or service system of the decision to disconnect prior to taking such action. If not notified prior to disconnection, the owner, the owner's authorized agent or the occupant of the building, structure or service system shall be notified in writing as soon as practical thereafter.

ISPSC

SECTION 106

TEMPORARY STRUCUTURES, EQUIPMENT AND SYSTEMS

106.1 General. The code official is authorized to issue a permit for temporary structures, equipment or systems. Such permits shall be limited as to time of service, but shall not be permitted for more than 180 days. The code official is authorized to grant extensions for demonstrated cause.

106.2 Conformance Temporary structures, equipment and systems shall conform to the requirements of this code as necessary to ensure the health, safety and general welfare.

<u>106.3 Temporary service utilities.</u> The code official is authorized to give permission to temporarily supply service utilities in accordance with Section 109.

106.4 Termination of approval. The code official is authorized to terminate such permit for a temporary structures, equipment, or system and to order the same to be discontinued.

SECTION 109 SERVICE UTILITIES

[A] 109.1Connection of service utilities.

A person shall not make connections from a utility, source of energy, fuel, power, water system or sewer system to any building or system that is regulated by this code for which a permit is required until authorized by the *code official*.

[A] 109.2Temporary connection.

The *code official* shall have the authority to authorize the temporary connection of the building or system to the utility, source of energy, fuel, power, water system or sewer system for the purpose of testing systems or for use under a temporary approval.

[A] 109.3Authority to disconnect service utilities.

The *code official* shall have the authority to authorize disconnection of utility service to the building, structure or system regulated by this code and the referenced codes and standards in case of emergency where necessary to eliminate an immediate hazard to life or property or where such utility connection has been made without the approval required by Section 108.2 or 108.3. The *code official* shall notify the serving utility, and wherever possible the owner or the owner's authorized agent and occupant of the building, structure or service system of the decision to disconnect prior to taking such action. If not notified prior to disconnecting, the owner, the owner's authorized agent or occupant of the building, structure or service system shall be notified in writing, as soon as practical thereafter.

Commenter's Reason: The purpose of this proposal is coordination between codes for the section on temporary structures. A version was proposed last cycle, ADM32-19. As requested by the development committee, the BCAC worked with FCAC and PMGCAC to develop this proposal.

This proposal modified the section for temporary facilities where it was already in the code. The committee felt that it was very important to add these safety options to the IFC as well, so this proposal adds this section to IFC and ISPSC. When looking for coordination, some of the codes did not include 'structure' and some did. The residential committee felt it was important to keep 'structures', so that is remaining in the proposed text.

Generally - The word use is moved to the front, and the lists are made the same throughout. Temporary power - The allowances for temporary connection under inspection and testing address more than just utilities, so the language in this section should match. The phrase "certificate of completion" is not defined, so "approved" would be a better choice.

The section on Conformance includes a laundry list "structural strength, fire safety, means of egress, accessibility, light, ventilation and sanitary", that is not needed for the section and includes provisions that are not addressed in all of the codes (e.g. IPC does not address structural strength, means of egress, or light).

The BCAC is working from the philosophy that ICC is a family of codes, so administrative requirements should be consistent across books. Most administrative and enforcement matters are the same for any code. Those matters unique for a specific code remain unchanged. This is one of a series of proposals being submitted relating to technical, editorial and organizational changes proposed for the Administrative chapters (Chapter 1) in all of the I-Codes.

Cost impact: None. Editorial coordination.

BCAC ADM Item 5 Enforcement Agency

Code: IRC

Committee: BCAC

ADM16-19 Part 2

Section IRC

Date 10-5-2020; 10-28-2020

Rep: Amber Armstrong, Marc Nard

Revise as follows

SECTION R103 DEPARTMENT OF BUILDING SAFETY CODE COMPLIANCE AGENCY

R103.1 Creation of enforcement agency.

The department of building safety [INSERT NAME OF DEPARTMENT] is hereby created and the official in charge thereof shall be known as the building official. The function of the agency shall be the implementation, administration and enforcement of the provisions of this code. Revise as follows

R103.2 Appointment.

The building official shall be appointed by the <u>chief appointing authority of the</u> jurisdiction. Revise as follows

R103.3 Deputies.

In accordance with the prescribed procedures of this jurisdiction and with the concurrence of the appointing authority, the building official shall have the authority to appoint a deputy building official, the other related technical officers, inspectors, plan examiners and other employees. Such employees shall have powers as delegated by the building official.

Reason: The purpose of this proposal is consistency through the family of codes for Enforcement Agency. During the 2018-2019 code development cycle, ADM 16-19 Parts 1 and III was approved for inclusion of this language in the IBC, IFC, IEBC, IPC, IMC, IFGC, IPMC, ISPSC, IPSDC, IGCC and IWUIC. BCAC is proposing this change again to the IRC to complete uniformity and consistency of language among all codes.

A survey of several departments across the country showed that jurisdictions choose many different names. ADM 16-19 proposed to change the name of this section to "Code Compliance Agency" and add a fill in the blank for the adopting agency to choose a name specific to their jurisdiction. In addition to these changes, all three sub-sections were modified to use language that is common in a majority of the codes. Specifically, a sentence was added to the section "Creation of the Agency" to state the function of the agency. In the section titled "Appointment," the term "chief appointing authority of the" was inserted before "jurisdiction." This was intended to be more specific and in line with the language in the section titled "Deputies," which uses the phrase "appointing authority." This language was not intended to name a specific individual or group of individuals. It was intended to identify anyone within the jurisdiction who has the authority to make appointments or staffing decisions. This could be anyone from an elected official or a person or group of people who have been designated to make staffing

decisions. The 2019 IRC committee also felt there was potential conflict with state and local laws. We believe it is incumbent on the jurisdiction adopting codes to make any modifications necessary to resolve conflicts that are specific for their locality.

The BCAC is working from the philosophy that ICC is a family of codes, so administrative requirements should be consistent across codes. Most administrative and enforcement matters are the same for any code. Those matters unique for a specific code remain unchanged. This is one of a series of proposals relating to technical, editorial and organizational changes proposed for the Administrative chapters (Chapter 1) in all of the I-Codes.

Cost impact: The net effect of the public comment and code change proposal will not increase or decrease the cost of construction

This is an editorial change that provides consistency between I-codes.

BCAC ADM Item 6 Means of Appeals

Codes: IBC, IECC, IWUIC, ISPSC, IRC, IPSDC, IPMC, IGCC, IFGC, IFC, IEBC, IPC, IMC (Already submitted to IECC)

Notes: ADM 40-19 Part 1 AS revised IBC, IEBC, IWUIC, IMC, IFC, ISPSC, IPC, IFGC, IPMC, IPSDC

ADM 40-19 Part 2 D – IRC

ADM 40-19 Part 3 D - IECC Commercial

ADM 40-19 Part 4 AS – IECC Residential

ADM 40-19 Part 5 AS - IGCC

Rep: Shane Niles

Date: 11-22-2021

SECTION 113 MEANS OF APPEALS

[A] 113.1 General. In order to hear and decide appeals of orders, decisions or determinations made by the *building official* relative to the application and interpretation of this code, there shall be and is hereby created a board of appeals. The board of appeals shall be appointed by the applicable governing authority and shall hold office at its pleasure. The board shall adopt rules of procedure for conducting its business and shall render all decisions and findings in writing to the appellant with a duplicate copy to the *building official*.

[A] 113.2 Limitations on authority. An application for appeal shall be based on a claim that the true intent of this code or the rules legally adopted thereunder have been incorrectly interpreted, the provisions of this code do not fully apply or an equivalent or better form of construction is proposed. The board shall not have authority to waive requirements of this code-or interpret the administration of this code.

[A] 113.3 Qualifications. The board of appeals shall consist of members who are qualified by experience and training to pass on matters pertaining to building construction provisions of this code and are not employees of the jurisdiction.

[A] 113.4 Administration. The building official shall take immediate expedient action in accordance with the decision of the board.

IECC Residential

SECTION R109 MEANS OF APPEALS

R109.1 General. In order to hear and decide appeals of orders, decisions or determinations made by the *code official* relative to the application and interpretation of this code, there shall be and is hereby created a board of appeals. The board of appeals shall be appointed by the applicable governing authority and shall hold office at its pleasure. The board shall adopt rules of procedure for conducting its business, and shall render all decisions and findings in writing to the appellant with a duplicate copy to the code official.

R109.2 Limitations on authority. An application for appeal shall be based on a claim that the true intent of this code or the rules legally adopted thereunder have been incorrectly interpreted, the provisions of this code do not fully apply or an equivalent or better form of construction is proposed. The board shall not have authority to waive requirements of this code or interpret the administration of this code.

R109.3 Qualifications. The board of appeals shall consist of members who are qualified by experience and training-on matters pertaining to the provisions of this code and are not employees of the jurisdiction.

R109.4 Administration. The code official shall take immediate expedient action in accordance with the decision of the board.

IECC Commercial

SECTION C109 BOARD MEANS OF APPEALS

C109.1 General. In order to hear and decide appeals of orders, decisions or determinations made by the *code official* relative to the application and interpretation of this code, there shall be and is hereby created a board of appeals. The *code official* shall be an ex officion member of said board but shall not have a vote on any matter before the board. The board of appeals shall be appointed by the applicable governing body authority and shall hold office at its pleasure. The board shall adopt rules of procedure for conducting its business, and shall render all decisions and findings in writing to the appellant with a duplicate copy to the *code official*.

C109.2 Limitations on authority. An application for appeal shall be based on a claim that the true intent of this code or the rules legally adopted thereunder have been incorrectly interpreted, the provisions of this code do not fully apply or an equally good equivalent or better form of construction is proposed. The board shall not have authority to waive requirements of this code.

C109.3 Qualifications. The board of appeals shall consist of members who are qualified by experience and training on matters pertaining to the provisions of this code and are not employees of the jurisdiction.

C109.4 Administration. The code official shall take expedient action in accordance with the decision of the board.

IWUIC

SECTION 113 MEANS OF APPEALS

[A] 113.1 General. In order to hear and decide appeals of orders, decisions or determinations made by the code official relative to the application and interpretation of this code, there shall be and is hereby created a board of appeals. The board of appeals shall be appointed by the applicable governing authority and shall hold office at its pleasure. The board shall adopt rules of procedure for conducting its business and shall render all decisions and findings in writing to the appellant, with a duplicate copy to the code official.

[A] 113.2 Limitations on authority. An application for appeal shall be based on a claim that the true intent of this code or the rules legally adopted thereunder have been incorrectly interpreted, the provisions of this code do not fully apply or an equivalent or better form of construction is proposed. The board shall not have authority to waive requirements of this code or interpret the administration of this code.

[A] 113.3 Qualifications. The board of appeals shall consist of members who are qualified by experience and training on matters pertaining to the provisions of this code and are not employees of the jurisdiction.

[A] 113.4 Administration. The code official shall take expedient immediate action in accordance with the decision of the board.

ISPSC

SECTION 111 MEANS OF APPEALS

[A] 111.1 General. In order to hear and decide appeals of orders, decisions or determinations made by the *code official* relative to the application and interpretation of this code, there shall be and is hereby created a board of appeals. The board of appeals shall be appointed by the applicable governing authority and shall hold office at its pleasure. The board shall adopt rules of procedure for conducting its business and shall render all decisions and findings in writing to the appellant with a duplicate copy to the *code official*.

[A] 111.2 Limitations on authority. An application for appeal shall be based on a claim that the true intent of this code or the rules legally adopted thereunder have been incorrectly interpreted, the provisions of this code do not fully apply, or an equivalent or better form of construction is proposed. The board shall not have authority to waive requirements of this code or interpret the administration of this code.

[A] 111.3 Qualifications. The board of appeals shall consist of members who are qualified by experience and training on matters pertaining to the provisions of this code and are not employees of the jurisdiction.

[A] 111.4 Administration. The code official shall take expedient immediate action in accordance with the decision of the board.

IRC

SECTION R112 BOARD MEANS OF APPEALS

R112.1 General. In order to hear and decide appeals of orders, decisions or determinations made by the *building official* relative to the application and interpretation of this code, there shall be and is hereby created a board of appeals. The *building official* shall be an ex officio member of said board but shall not have a vote on any matter before the board. The board of appeals shall be appointed by the applicable governing body authority and shall hold office at its pleasure. The board shall adopt rules of procedure for conducting its business and shall render all decisions and findings in writing to the appellant with a duplicate copy to the *building official*.

R112.2 Limitations on authority. An application for appeal shall be based on a claim that the true intent of this code or the rules legally adopted thereunder have been incorrectly interpreted, the provisions of this code do not fully apply or an equally good equivalent or better form of construction is proposed. The board shall not have authority to waive requirements of this code.

R112.3 Qualifications. The board of appeals shall consist of members who are qualified by experience and training to the pass independent.

R112.3 Qualifications. The board of appeals shall consist of members who are qualified by experience and training to pass judgement on matters pertaining to building construction the provisions of this code and are not employees of the jurisdiction.

R112.4 Administration. The building official shall take immediate expedient action in accordance with the decision of the board.

IPSDC

SECTION 112 MEANS OF APPEALS

[A] 112.1 General. In order to hear and decide appeals of orders, decisions or determinations made by the *code official* relative to the application and interpretation of this code, there shall be and is hereby created a board of appeals. The board of appeals shall be appointed by the applicable governing authority and shall hold office at its pleasure. The board shall adopt rules of procedure for conducting its business and shall render all decisions and findings in writing to the appellant with a duplicate copy to the *code official*.

112.2 Limitations on authority. An application for appeal shall be based on a claim that the true intent of this code or the rules legally adopted thereunder have been incorrectly interpreted, the provisions of this code do not fully apply or an equivalent or better form of construction is proposed. The board shall not have authority to waive requirements of this code or interpret the administration of this code.

[A] 112.3 Qualifications. The board of appeals shall consist of members who are qualified by experience and training on matters pertaining to the provisions of this code and are not employees of the jurisdiction.

[A] 112.4 Administration. The code official shall take immediate expedient action in accordance with the decision of the board.

IPMC

SECTION 107 MEANS OF APPEALS

107.1 General. In order to hear and decide appeals of orders, decisions or determinations made by the *code official* relative to the application and interpretation of this code, there shall be and is hereby created a board of appeals. The board of appeals shall be appointed by the applicable governing authority and shall hold office at its pleasure. The board shall adopt rules of procedure for conducting its business and shall render all decisions and findings in writing to the appellant with a duplicate copy to the *code official*. **[A] 107.2 Limitations of authority.** An application for appeal shall be based on a claim that the true intent of this code or the rules legally adopted thereunder have been incorrectly interpreted, the provisions of this code do not fully apply or an equivalent or better form of construction is proposed. The board shall not have authority to waive requirements of this code or interpret the administration of this code.

107.3 Qualifications. The board of appeals shall consist of members who are qualified by experience and training on matters pertaining to the provisions of this code and are not employees of the jurisdiction.

107.4 Administration. The *code official* shall take immediate expedient action in accordance with the decision of the board.

IGCC

SECTION 108 MEANS OF APPEALS

108.1 General. In order to hear and decide appeals of orders, decisions or determinations made by the authority having jurisdiction relative to the application and interpretation of this code, there shall be and is hereby created a board of appeals. The board of appeals shall be appointed by the applicable governing authority and shall hold office at its pleasure. The board shall adopt rules of procedure for conducting its business, and shall render all decisions and findings in writing to the appellant with a duplicate copy to the authority having jurisdiction.

Revise as follows

108.2 Limitations on authority. An application for appeal shall be based on a claim that the true intent of this code or the rules legally adopted there under have been incorrectly interpreted, the provisions of this code do not fully apply or an equivalent or better form of construction is proposed. The board shall not have authority to waive requirements of this code or interpret the administration of this code.

Revise as follows

108.3 Qualifications. The board of appeals shall consist of members who are qualified by experience and training to pass judgement on matters pertaining to the provisions of this code building construction and are not employees of the jurisdiction.

108.4 Administration. The authority having jurisdiction shall take <u>immediate expedient</u> action in accordance with the decision of the board.

IFGC

SECTION 113(IFGC) MEANS OF APPEALS

113.1 General. In order to hear and decide appeals of orders, decisions or determinations made by the *code official* relative to the application and interpretation of this code, there shall be and is hereby created a board of appeals. The board of appeals shall be appointed by the applicable governing authority and shall hold office at its pleasure. The board shall adopt rules of procedure for conducting its business and shall render all decisions and findings in writing to the appellant with a duplicate copy to the *code official*.

[A] 113.2 Limitations on authority. -An application for appeal shall be based on a claim that the true intent of this code or the rules legally adopted thereunder have been incorrectly interpreted, the provisions of this code do not fully apply or an equivalent or better form of construction is proposed. The board shall not have authority to waive requirements of this code or interpret the administration of this code.

113.3 Qualifications. The board of appeals shall consist of members who are qualified by experience and training on matters pertaining to the provisions of this code and are not employees of the jurisdiction.

113.4 Administration. The *code official* shall take immediate expedient action in accordance with the decision of the board.

IFC

SECTION 111
MEANS OF APPEALS

- [A] 111.1 Board of appeals established General. In order to hear and decide appeals of orders, decisions or determinations made by the *fire code official* relative to the application and interpretation of this code, there shall be and is hereby created a board of appeals. The board of appeals shall be appointed by the applicable governing authority and shall hold office at its pleasure. The board shall adopt rules of procedure for conducting its business and shall render all decisions and findings in writing to the appellant with a duplicate copy to the *fire code official*.
- [A] 111.2 Limitations on authority. An application for appeal shall be based on a claim that the true intent of this code or the rules legally adopted thereunder have been incorrectly interpreted, the provisions of this code do not fully apply or an equivalent or better form of construction is proposed. The board shall not have authority to waive requirements of this code or interpret the administration of this code.
- [A] 111.3 Qualifications. The board of appeals shall consist of members who are qualified by experience and training to pass on matters pertaining to hazards of fire, explosions, hazardous conditions or fire protection systems, the provisions of this code and are not employees of the jurisdiction.
- [A] 111.4 Administration. The fire code official shall take immediate expedient action in accordance with the decision of the board.

IEBC

SECTION 112 MEANS OF APPEALS

[A] 112.1 General. In order to hear and decide appeals of orders, decisions or determinations made by the *code official* relative to the application and interpretation of this code, there shall be and is hereby created a board of appeals. The board of appeals shall be appointed by the applicable governing authority and shall hold office at its pleasure. The board shall adopt rules of procedure for conducting its business and shall render all decisions and findings in writing to the appellant with a duplicate copy to the *code official*.

[A] 112.2 Limitations on authority. An application for appeal shall be based on a claim that the true intent of this code or the rules legally adopted thereunder have been incorrectly interpreted, the provisions of this code do not fully apply or an equivalent or better form of construction is proposed. The board shall not have authority to waive requirements of this code or interpret the administration of this code.

[A] 112.3 Qualifications. The board of appeals shall consist of members who are qualified by experience and training to pass on matters pertaining to building construction the provisions of this code and are not employees of the jurisdiction.

[A] 112.4 Administration. The code official shall take immediate expedient action in accordance with the decision of the board.

ICCCP - none

IZC – no not propose to change

IPC

SECTION 114 MEANS OF APPEALS

[A] 114.1 General. In order to hear and decide appeals of orders, decisions or determinations made by the code official relative to the application and interpretation of this code, there shall be and is hereby created a board of appeals. The board of appeals shall be appointed by the applicable governing authority and shall hold office at its pleasure. The board shall adopt rules of procedure for conducting its business and shall render all decisions and findings in writing to the appellant with a duplicate copy to the code official.

[A] 114.2 Limitations on authority. An application for appeal shall be based on a claim that the true intent of this code or the rules legally adopted thereunder have been incorrectly interpreted, the provisions of this code do not fully apply, or an equivalent or better form of construction is proposed. The board shall not have authority to waive requirements of this code or interpret the administration of this code.

[A] 114.3 Qualifications. The board of appeals shall consist of members who are qualified by experience on matters pertaining to the provisions of this code and training and are not employees of the jurisdiction.

[A] 114.4 Administration. The code official shall take immediate expedient action in accordance with the decision of the board.

IMC

administration of this code.

SECTION 114 MEANS OF APPEALS

[A] 114.1 General. In order to hear and decide appeals of orders, decisions or determinations made by the code official relative to the application and interpretation of this code, there shall be and is hereby created a board of appeals. The board of appeals shall be appointed by the applicable governing authority and shall hold office at its pleasure. The board shall adopt rules of procedure for conducting its business and shall render all decisions and findings in writing to the appellant with a duplicate copy to the code official.

[A] 114.2 Limitations on authority. An application for appeal shall be based on a claim that the true intent of this code or the rules legally adopted thereunder have been incorrectly interpreted, the provisions of this code do not fully apply or an equivalent or better form of construction is proposed. The board shall not have the authority to waive requirements of this code or interpret the

[A] 114.3 Qualifications. The board of appeals shall consist of members who are qualified by experience and training on matters pertaining to the provisions of this code and are not employees of the jurisdiction.

[A] 114.4 Administration. The code official shall take immediate expedient action in accordance with the decision of the board.

Reason: ADM40-19 was approved for IBC, IEBC, IFC, IWUIC, IPC, IMC, IFGC, ISPSC, IPMC, IPSDC, IECC-R and IGCC for revisions to the section on Means of Appeals. This item was disapproved for IECC Commercial and IRC. The result is an inconsistency with IECC Commercial and IRC.

The intent of this proposal is coordination for the means of appeals within the family of codes. Most of this was accomplished through ADM40-19 during the last cycle. Comments during the testimony, from the code development committees and subsequent discussions have suggested some improvements.

General: In the IRC and IECC Residential, the sentence about the code official not being a voting member of the board of appeals is proposed to be deleted. The fact about city employees not being a voting member of the board is already included in the section on qualifications. The code official is an important advisor for the Board of Appeals. The deletion of this sentence will not change that.

Limitation on authority. The deletion of 'or interpret the administration of this code' is proposed to be deleted so that the board could consider appeals on any part of the codes.

Qualifications: The phrase for experience and training is slightly different in each code. Adding this idea to all codes would provide consistency.

Administration: The IRC code change committee felt that 'immediate' was unreasonable. 'Expedient' should allow for reasonable action without this same concern.

Cost Impact: None. These are administration requirements, so there will be no change in construction requirements.

BCAC ADM Item 9 Intent – add 'property protection'

Sections IRC R101.3, IECC C101.3 and R101.3

Rep: Marc Nard

Date: 10-1-2020

ADM 10-19 Part 1

Coordination with IBC, IEBC, IFC, ISPSC, IPMC, IZC

ADM 10-19 Part 2 - IRC

Revise as follows:

R101.3 Intent Purpose. The purpose of this code is to establish minimum requirements to safeguard the public safety, health and general welfare through affordability, structural strength, means of egress facilities, stability, sanitation, light and ventilation, energy conservation and safety to life providing a reasonable level of life safety and property protection from fire and other hazards attributed to the built environment, and to provide safety to fire fighters and emergency responders during emergency operations.

Reason: The purpose of this proposal is for consistency in language for the sections related to the purpose of the codes throughout the ICC family of codes. This would be consistent with IFC, IBC, IEBC, ISPSC, and IZC – which were passed with ADM10-19.

The change in the title reflects the language in the first sentence. The IRC code development committee objected to the proposal last cycle because it included "explosions"; which has been removed. The revision is for consistency with "providing a reasonable level of life safety and property protection".

Cost impact: None. This change is for coordination and does not change requirements.

Below is the information on the approved proposals

IBC

[A] 101.3IntentPurpose.

The purpose of this code is to establish the minimum requirements to provide a reasonable level of safety, public health and general welfare through structural strength, means of egress-facilities, stability, sanitation, adequate-light and ventilation, energy conservation, and safety to life for providing a reasonable level of life safety and property protection from the hazards of fire, explosion and other hazards or dangerous conditions, and to provide a reasonable level of safety to fire fighters and emergency responders during emergency operations.

IEBC

[A] 101.3Intent-Purpose.

The intent of this code is to provide flexibility to permit the use of alternative approaches to achieve compliance with minimum requirements to <u>safeguard the public provide a reasonable level of safety</u>, health, <u>safety property protection</u> and <u>general</u> welfare insofar as they are affected by the *repair*, *alteration*, *change of occupancy*, *addition* and relocation of *existing buildings*.

IFC

[A] 101.3Intent. Purpose.

The purpose of this code is to establish the minimum requirements consistent with nationally recognized good practice for providing a reasonable level of life safety and property protection from the hazards of fire, explosion or dangerous conditions in new and existing buildings, structures and premises, and to provide a reasonable level of safety to fire fighters and emergency responders during emergency operations.

ISPSC

A]101.3Intent Purpose.

The purpose of this code is to establish minimum standards requirements to provide a reasonable level of safety and protection of health, health, property protection and public general welfare by regulating and controlling the design, construction, installation, quality of materials, location and maintenance or use of pools and spas.

IWUIC

[A] 101.3 Objective. Purpose.

The <u>objective-purpose</u> of this code is to establish minimum regulations consistent with nationally recognized good practice for the safeguarding of life and for property protection. Regulations in this code are intended to mitigate the risk to life and structures from intrusion of fire from wildland fire exposures and fire exposures from adjacent structures and to mitigate structure fires from spreading to wildland fuels. The extent of this regulation is intended to be tiered commensurate with the relative level of hazard present.

The unrestricted use of property in *wildland-urban interface areas* is a potential threat to life and property from fire and resulting erosion. Safeguards to prevent the occurrence of fires and to provide adequate fire protection facilities to control the spread of fire in *wildland-urban interface areas* shall be in accordance with this code.

This code shall supplement the jurisdiction's building and fire codes, if such codes have been adopted, to provide for special regulations to mitigate the fire- and life-safety hazards of the *wildland-urban interface areas*.

IPSDC

[A] 101.6 Intent. Purpose.

The purpose of this code is to establish minimum standards requirements to provide a reasonable level of safety health, property protection and public general welfare by regulating and controlling the design, construction, installation, quality of materials, location, operation and maintenance or use of private sewage disposal systems.

IPMC

[A] 101.3 Purpose Intent.

This code shall be construed to secure its expressed intent, which is to ensure public The purpose of this code is to establish minimum requirements to provide a reasonable level of health, safety, property protection and general welfare insofar as they are affected by the continued occupancy and maintenance of structures and premises. Existing structures and premises that do not comply with these provisions shall be altered or repaired to provide a reasonable minimum level of health, safety and general welfare safety as required herein.

IFGC

[A] 101.4 IntentPurpose.

The purpose of this code is to establish minimum <u>requirements</u> to provide a reasonable level of safety, health, property protection and <u>general public</u> welfare by regulating and controlling the

design, construction, installation, quality of materials, location, operation and maintenance or use of fuel gas *equipment* or systems.

IZC

[A] 101.2 Intent Purpose.

The purpose of this code is to <u>establish minimum requirements to provide a reasonable level of health, safety, property protection and safeguard the health, property and public welfare by controlling the design, location, use or occupancy of all buildings and structures through the regulated and orderly development of land and land uses within this jurisdiction.</u>

IPC

[A] 101.3IntentPurpose.

The purpose of this code is to establish minimum standardsrequirements to provide a reasonable level of safety, health, property protection and publicgeneral welfare by regulating and controlling the design, construction, installation, quality of materials, location, operation and maintenance or use of plumbing equipment and systems.

IMC

[A] 101.3 Purpose.

The purpose of this code is to establish minimum standardsrequirements to provide a reasonable level of safety, health, property protection and publicgeneral welfare by regulating and controlling the design, construction, installation, quality of materials, location, operation and maintenance or use of mechanical equipment or systems.

BCAC ADM Item 10 Service Utilities

Codes: IRC

Committee: BCAC

ADM39-19 Part 2

Section IRC 111.1

Date 10-5-2020

Rep: John Taecker

SECTION R111 SERVICE UTILITIES

R111.1Connection of service utilities. A *person* shall not make connections from a utility, a source of energy, fuel, or power, or water system or sewer system to any building or system that is regulated by this code for which a *permit* is required, until *approved* by the *building official*.

R111.2Temporary connection. The *building official* shall have the authority to authorize the temporary connection of the building or system to the utility, source of energy, fuel, or power, or the water system or sewer system for the purpose of testing systems for use under a temporary approval.

R111.3Authority to disconnect service utilities. The *building official* shall have the authority to authorize disconnection of utility service to the building, structure or system regulated by this code and the referenced codes and standards set forth in Section R102.4 in case of emergency where necessary to eliminate an immediate hazard to life or property or where such utility connection has been made without the approval required by Section R111.1 or R111.2. The *building official* shall notify the serving utility and where possible the *owner* or the owner's authorized agent and occupant of the building, structure or service system of the decision to disconnect prior to taking such action. If not notified prior to disconnection, the *owner*, the owner's authorized agent or occupant of the building, structure or service system shall be notified in writing as soon as practical thereafter.

Reason: ADM39-19 was a 2 part proposal. The revised text for service utilities was approved for IBC, IPC, IMC, IFGC, IEBC, IPSDC, IWUIC, ISPSC. The reason for disapproval by the IRC code development committee was "This would be in violation of the requirements of many public utilities across the country. (Vote 6-4)."

The BCAC respectively disagrees with the IRC development committee. The code official is not making the connection or disconnection, he just has the power to approve it were warranted. This is not over riding the public utility companies.

The main purpose of this proposal is coordination IRC with the other codes for the section on connection to services – including those coming from utilities or generated on-site

- R111.3 Codes have references to codes and standards throughout the document, so a reference back to the list at the beginning of Chapter 1 is not inclusive.
- R111.1 and R111.2 The list should include all the systems –including water and sewer.

The BCAC is working from the philosophy that ICC is a family of codes, so administrative requirements should be consistent across books. Most administrative and enforcement matters are the same for any code. Those matters unique for a specific code remain unchanged. This is one of a series of proposals being submitted relating to technical, editorial and organizational changes proposed for the Administrative chapters (Chapter 1) in all of the I-Codes.

Cost impact: The net effect of the public comment and code change proposal will not increase or decrease the cost of construction
This is an editorial change that provides consistency between I-codes.

BCAC – Administration Working Group

Item – 11 DEMOLITION

Codes: IEBC, IPMC Committee: BCAC Date: 9-17-2020

Notes: Marc to also look at Unsafe Building. Add reason and cost impact

This item addresses the topic of demolition in both the IEBC and the IPMC.

SECTION 117 DEMOLITION

Current 2021 IEBC Text

[A] 117.1 General.

The *code official* shall order the owner or owner's authorized agent of any premises on which is located any structure that in the *code official's* judgment is so old or dilapidated, or has become so out of *repair* as to be *dangerous*, *unsafe*, insanitary or otherwise unfit for human habitation of occupancy, and such that it is unreasonable to *repair* the structure, to demolish and remove such structure; or if such structure is capable of being made safe by *repairs*, to *repair* and make safe and sanitary or to demolish and remove to the owner's or the owner's authorized agent's option; or where there has been a cessation of normal construction of any structure for a period of more than two years, to demolish and remove such structure.

Proposed IEBC Code Change Text

Replace with the following:

[A] 117.1 General.

When the *code* official determines any structure is so old, dilapidated or has become so out of repair and is dangerous, unsafe, insanitary and otherwise unfit for human habitation or occupancy they shall order the owner or owner's authorized agent to demolish and remove any such structure.

The code official can authorize the owner or owner's authorized agent to make the structure safe by repairs in order to make the structure safe and sanitary. Where there has been a cessation of construction repairs of any structure for a period of more than two years the structure will be ordered demolished and removed.

10-1-2020:

When the *code official* determines any structure is so old, dilapidated or has become so out of repair and is dangerous, unsafe, insanitary and otherwise unfit for human habitation or occupancy the code official can order either of the following:

1. The code official is permitted to authorize the owner or owner's authorized agent to make the structure safe by repairs in order to make the structure safe and

- sanitary. Where there has been a cessation of construction repairs of any structure for a period of more than two years the structure will be ordered demolished and removed.
- 2. The code official is permitted to order the owner or owner's authorized agent to demolish and remove any such structure.

2021 IPMC

SECTION 113 DEMOLITION

Current 2021 Text

[A] 113.1 General.

The code official shall order the owner or owner's authorized agent of any premises upon which is located any structure, which in the code official's or owner's authorized agent judgment after review is so deteriorated or dilapidated or has become so out of repair as to be dangerous, unsafe, insanitary or otherwise unfit for human habitation or occupancy, and such that it is unreasonable to repair the structure, to demolish and remove such structure; or if such structure is capable of being made safe by repairs, to repair and make safe and sanitary, or to board up and hold for future repair or to demolish and remove at the owner's option; or where there has been a cessation of normal construction of any structure for a period of more than two years, the code official shall order the owner or owner's authorized agent to demolish and remove such structure, or board up until future repair. Boarding the building up for future repair shall not extend beyond one year, unless approved by the building official.

Proposed IPMC Code Change Text Replace with the following:

[A] 113.1 General.

When the *code official* determines any structure is so old, dilapidated or has become so out of repair and is dangerous, unsafe, insanitary and otherwise unfit for human habitation or occupancy they shall order the owner or owner's authorized agent to demolish and remove any such structure.

The code official can authorize the owner or owner's authorized agent to make the structure safe by repairs in order to make the structure safe and sanitary. Where there has been a cessation of construction repairs of any structure for a period of more than two years the structure will be ordered demolished and removed.

Reason: This is a run on sentence. The intent is only to clarify.

Cost Impact: None. Editorial.

BCAC ADM #13 Coordination with IBC and IRC Scope

Code: IRC

Committee: BCAC

2021 IRC

101.2 Scope. The provisions of this code shall apply to the construction, *alteration*, movement, enlargement, replacement, repair, equipment, use and occupancy, location, removal and demolition of detached one- and two-family dwellings and *townhouses* not more than three stories above *grade plane* in height with a separate means of egress and their *accessory structures* not more than three stories above *grade plane* in height.

Exception: The following <u>uses</u> shall be permitted to be constructed in accordance with this code where located <u>within a dwelling unit that is</u> provided with an automatic sprinkler system complying with Section P2904:

- 1. Live/work units located in townhouses and complying with the requirements of Section 508.5 of the *International Building Code*.
- 2. Owner-occupied *lodging houses* with five or fewer guestrooms.
- 3. A care facility with five or fewer persons receiving custodial care within a dwelling unit.
- 4. A care facility with five or fewer persons receiving medical care within a dwelling unit.
- 5. A <u>day</u> care facility for five or fewer persons receiving care that are within a single-family dwelling.

Reason: These are exceptions for use within a building constructed in accordance with the IRC. The deleted text in the list is moved into the main section.

Cost: None, Editorial.

BCAC ADM Item 18 ADM 39 coordination

Date 10-3-2020

Codes: ISPSC, IPSDC, IFGC, IPC, IMC

Committee: PMGCAC

Duplication of text for 'authority to disconnect service utilities'

ISPSC Sections 109.3 and 113.6.2

SECTION 109 SERVICE UTILITIES

[A] 109.1 Connection of service utilities. A person shall not make connections from a utility, source of energy, fuel, power, water system or sewer system to any building or system that is regulated by this code for which a permit is required until authorized by the *code official*.

[A] 109.2 Temporary connection. The *code official* shall have the authority to authorize the temporary connection of the building or system to the utility, source of energy, fuel, power, water system or sewer system for the purpose of testing systems or for use under a temporary approval.

[A] 109.3 Authority to disconnect service utilities. The code official shall have the authority to authorize disconnection of utility service to the building, structure or system regulated by this code and the referenced codes and standards in case of emergency where necessary to eliminate an immediate hazard to life or property or where such utility connection has been made without the approval required by Section 108.2 or 108.3. The code official shall notify the serving utility, and wherever possible the owner or the owner's authorized agent and occupant of the building, structure or service system of the decision to disconnect prior to taking such action. If not notified prior to disconnecting, the owner, the owner's authorized agent or occupant of the building, structure or service system shall be notified in writing, as soon as practical thereafter.

SECTION 113 VIOLATIONS

A] 113.6 Unsafe systems. Any system regulated by this code that is unsafe or that constitutes a fire or health hazard, insanitary condition, or is otherwise dangerous to human life is hereby declared unsafe. Any use of a system regulated by this code constituting a hazard to safety, health or public welfare by reason of inadequate maintenance, dilapidation, obsolescence, fire hazard, disaster, damage or abandonment is hereby declared an unsafe use. Any such unsafe system is hereby declared to be a public nuisance and shall be abated by repair, rehabilitation, demolition or removal.

[A] 113.6.1 Authority to condemn a system. Where the *code official* determines that any system, or portion thereof, regulated by this code has become hazardous to life, health or property or has become insanitary, the *code official* shall order in writing that such system either be removed or restored to a safe or sanitary condition. A time limit for compliance with such order shall be specified in the written notice. A person shall not **use** or maintain a defective system after receiving such notice.

Where such a system is to be disconnected, written notice as prescribed in **Section 113.2** shall be given. In cases of immediate danger to life or property, such disconnection shall be made immediately without such notice.

[A] 113.6.2 Authority to disconnect service utilities. The code official shall have the authority to authorize disconnection of utility service in accordance with Section 109.3. to the pool or spa regulated by the technical codes in case of an emergency, where necessary, to eliminate an immediate danger to life or property. Where possible, the owner or the owner's authorized agent and occupant of the building where the pool or spa is located shall be notified of the decision to disconnect utility service prior to taking such action. If not notified prior to disconnecting, the owner, the owner's authorized agent or the occupant of the building shall be notified in writing, as soon as practical thereafter.

[A] 113.6.3 Connection after order to disconnect. A person shall not make connections from any energy, fuel, power supply or water distribution system, or supply energy, fuel or water to any equipment regulated by this code that has been disconnected or ordered to be disconnected by the *code official* or the use of which has been ordered to be discontinued by the *code official* until the *code official* authorizes the reconnection and use of such equipment.

When any system is maintained in violation of this code, and in violation of any notice issued pursuant to the provisions of this section, the *code official* shall institute any appropriate action to prevent, restrain, correct or abate the violation.

IPSDC: Sections 110.3 and 114.6.2

SECTION 110 SERVICE UTILITIES

[A] 110.1 Connection of service utilities. No person shall make connections from a utility, source of energy, fuel or power to any building or system that is regulated by this code for which a permit is required until authorized by the *code official*.

[A] 110.2 Temporary connection. The *code official* shall have the authority to authorize the temporary connection of the building or system to the utility, source of energy, fuel, water system or sewer system for the purpose of testing systems or for use under a temporary approval.

[A] 110.3 Authority to disconnect service utilities. The code official shall have the authority to authorize disconnection of utility service to the building, structure or system regulated by this code and the referenced codes and standards in case of emergency where necessary to eliminate an immediate hazard to life or property or where such utility connection has been made without the approval required by Section 110.1 or 110.2. The code official shall notify the serving utility, and wherever possible the owner or the owner's authorized agent and occupant of the building, structure or service system of the decision to disconnect prior to taking such action. If not notified prior to disconnecting, the owner, the owner's authorized agent or occupant of the building, structure or service system shall be notified in writing, as soon as practical thereafter.

SECTION 114 VIOLATIONS

[A] 114.6 Unsafe systems. Any *private sewage disposal system* regulated by this code that is unsafe or constitutes a health hazard, insanitary condition or is otherwise dangerous to human life is hereby declared unsafe. Any use of *private sewage disposal systems* regulated by this code constituting a hazard to safety, health or public welfare by reason of inadequate maintenance, dilapidation, obsolescence, disaster, damage or abandonment is hereby declared an unsafe use. Any such unsafe equipment is hereby declared to be a public *nuisance* and shall be abated by repair, rehabilitation, demolition or removal.

[A] 114.6.1 Authority to condemn equipment. Where the *code official* determines that any *private* sewage disposal system, or portion thereof, regulated by this code has become hazardous to life, health or property or has become insanitary, the *code official* shall order in writing that such system be either removed or restored to a safe or sanitary condition. A time limit for compliance with such order shall be specified in the written notice. A defective *private sewage disposal system* shall not be used or maintained after receiving such notice. Where such system is to be disconnected, written notice as prescribed in Section 114.2 shall be given. In cases of immediate danger to life or property, such disconnection shall be made immediately without such notice.

[A] 114.6.2 Authority to disconnect service utilities. The code official shall have the authority to authorize disconnection of utility service in accordance with Section 110.3. to the building, structure or system regulated by the technical codes in case of emergency, where necessary, to eliminate an immediate danger to life or property. Where possible, the owner, the owners's authorized agent and occupant of the building, structure or service system shall be notified of the decision to disconnect utility service prior to taking such action. If not notified prior to disconnecting, the owner or occupant of the building, structure or service systems shall be notified in writing as soon as is practical thereafter.

IFGC: Sections 110.3 and 115.6.2

SECTION 110(IFGC) SERVICE UTILITIES

[A] 110.1 Connection of service utilities. A person shall not make connections from a utility, source of energy, fuel or power to any building or system that is regulated by this code for which a permit is required until authorized by the *code official*.

[A] 110.2 Temporary connection. The *code official* shall have the authority to authorize the temporary connection of the building or system to the utility, source of energy, fuel, power, water system or sewer system for the purpose of testing the installation or for use under a temporary approval.

110.3 Authority to disconnect service utilities. The *code official* shall have the authority to authorize disconnection of utility service to the building, structure or system regulated by this code and the referenced codes and standards in case of emergency where necessary to eliminate an immediate hazard to life or property or where such utility connection has been made without the approval required by Section 112.1 or 112.2. The *code official* shall notify the serving utility, and wherever possible the owner or the owner's authorized agent and occupant of the building, structure or service system, of the decision to disconnect prior to taking such action. If not notified prior to disconnecting, the owner, the owner's authorized agent or occupant of the building, structure or service system shall be notified in writing, as soon as practical thereafter.

SECTION 115(IFGC) VIOLATIONS

[A] 115.6 Unsafe installations.

An installation that is unsafe, constitutes a fire or health hazard, or is otherwise dangerous to human life, as regulated by this code, is hereby declared an unsafe installation. Use of an installation regulated by this code constituting a hazard to health, safety or welfare by reason of inadequate maintenance, dilapidation, fire hazard, disaster, damage or abandonment is hereby declared an unsafe use. Such unsafe installations are hereby declared to be a public nuisance and shall be abated by repair, rehabilitation, demolition or removal.

[A] 115.6.1 Authority to condemn installations.

Whenever the *code official* determines that any installation, or portion thereof, regulated by this code has become hazardous to life, health or property, he or she shall order in writing that such installations either be removed or restored to a safe condition. A time limit for compliance with such order shall be specified in the written notice. A person shall not use or maintain a defective installation after receiving such notice.

Where such installation is to be disconnected, written notice as prescribed in **Section 115.2** shall be given. In cases of immediate danger to life or property, such disconnection shall be made immediately without such notice.

[A] 115.6.2 Authority to disconnect service utilities.

The code official shall have the authority to require disconnection of utility service in accordance with Section 110.3. to the building, structure or system regulated by the technical codes in case of emergency where necessary to eliminate an immediate hazard to life or property. The code official shall notify the serving utility and, where possible, the owner or the owner's authorized agent and occupant of the building, structure or service system of the decision to disconnect prior to taking such action. If not notified prior to disconnection, the owner or occupant of the building, structure or service system shall be notified in writing, as soon as practicable thereafter.

[A] 115.6.3Connection after order to disconnect.

A person shall not make energy source connections to installations regulated by this code that have been disconnected or ordered to be disconnected by the *code official*, or the use of which has been ordered to be discontinued by the *code official* until the *code official* authorizes the reconnection and use of such installations.

Where an installation is maintained in violation of this code, and in violation of a notice issued pursuant to the provisions of this section, the *code official* shall institute appropriate action to prevent, restrain, correct or abate the violation.

IPC: Sections 112.3 and 115.6.2

SECTION 112 SERVICE UTILITIES

[A] 107.7112.1 Connection of service utilities. A person shall not make connections from a utility, source of energy, fuel, power, water system or sewer system to any building or system that is regulated by this code for which a permit is required until authorized by the code official.

[A] 107.6112.2 Temporary connection. The code official shall have the authority to authorize the temporary connection of the building or system to the utility, source of energy, fuel, power, water system or sewer system for the purpose of testing plumbing systems or for use under a temporary approval.

[A] 112.3 Authority to disconnect service utilities.

The code official shall have the authority to authorize disconnection of utility service to the building, structure or system regulated by this code and the referenced codes and standards in case of emergency where necessary to eliminate an immediate hazard to life or property or where such utility connection has been made without the approval required by Section 112.1 or 112.2.

The code official shall notify the serving utility, and wherever possible the owner or the owner's authorized agent and occupant of the building, structure or service system, of the decision to disconnect prior to taking such action. If not notified prior to disconnecting, the owner, the owner's authorized agent or occupant of the building, structure or service system shall be notified in writing as soon as practical thereafter.

SECTION 115 VIOLATIONS

[A] 115.6 Unsafe plumbing.

Any plumbing regulated by this code that is unsafe or that constitutes a fire or health hazard, insanitary condition, or is otherwise dangerous to human life is hereby declared unsafe. Any use of plumbing regulated by this code constituting a hazard to safety, health or public welfare by reason of inadequate maintenance, dilapidation, obsolescence, fire hazard, disaster, damage or abandonment is hereby declared an unsafe use. Any such unsafe equipment is hereby declared to be a public nuisance and shall be abated by repair, rehabilitation, demolition or removal.

[A] 115.6.1 Authority to condemn equipment.

Where the code official determines that any plumbing, or portion thereof, regulated by this code has become hazardous to life, health or property or has become unsanitary, the code official shall order in writing that such plumbing either be removed or restored to a safe or sanitary condition. A time limit for compliance with such order shall be specified in the written notice. A person shall not use or maintain defective plumbing after receiving such notice.

Where such plumbing is to be disconnected, written notice as prescribed in Section 115.2 shall be given. In cases of immediate danger to life or property, such disconnection shall be made immediately without such notice.

[A] 115.6.2 Authority to disconnect service utilities.

The code official shall have the authority to authorize disconnection of utility service in accordance with Section 112.3. to the building, structure or system regulated by the technical codes in case of an emergency, where necessary, to eliminate an immediate danger to life or property. Where possible, the owner or the owner's authorized agent and occupant of the building, structure or service system shall be notified of the decision to disconnect utility service prior to taking such action. If not notified prior to disconnecting, the owner, the owner's authorized agent or occupant of the building, structure or service systems shall be notified in writing, as soon as practical thereafter.

[A] 115.6.3 Connection after order to disconnect.

A person shall not make connections from any energy, fuel, power supply or water distribution system or supply energy, fuel or water to any equipment regulated by this code that has been disconnected or ordered to be disconnected by the code official or the use of which has been ordered to be discontinued by the code official until the code official authorizes the reconnection and use of such equipment.

Where any plumbing is maintained in violation of this code, and in violation of any notice issued pursuant to the provisions of this section, the code official shall institute any appropriate action to prevent, restrain, correct or abate the violation.

*IMC: Sections 112.3 and 115.6.2

SECTION 112 SERVICE UTILITIES

[A] 112.1 Connection of service utilities.

A person shall not make connections from a utility, source of energy, fuel or power to any building or system that is regulated by this code for which a permit is required, until authorized by the code official.

[A] 112.2 Temporary connection. The code official shall have the authority to authorize the temporary connection of the building or system to the utility, source of energy, fuel, power, water system or sewer system for the purpose of testing systems or for use under a temporary approval.

[A] 112.3A uthority to disconnect service utilities.

The code official shall have the authority to authorize disconnection of utility service to the building, structure or system regulated by this code and the referenced codes and standards in case of emergency where necessary to eliminate an immediate hazard to life or property or where such utility connection has been made without the approval required by Section 112.1 or 112.2. The code official shall notify the serving utility, and wherever possible the owner or the owner's authorized agent and occupant of the building, structure or service system, of the decision to disconnect prior to taking such action. If not notified prior to disconnecting, the owner, the owner's authorized agent or occupant of the building, structure or service system shall be notified in writing as soon as practical thereafter.

SECTION 115 VIOLATIONS

[A] 115.6 Unsafe mechanical systems.

A mechanical system that is unsafe, constitutes a fire or health hazard, or is otherwise dangerous to human life, as regulated by this code, is hereby declared as an unsafe mechanical system. Use of a mechanical system regulated by this code constituting a hazard to health, safety or welfare by reason of inadequate maintenance, dilapidation, fire hazard, disaster, damage or abandonment is hereby declared an unsafe use. Such unsafe *equipment* and *appliances* are hereby declared to be a public nuisance and shall be abated by repair, rehabilitation, demolition or removal.

[A] 115.6.1 Authority to condemn mechanical systems.

Where the code official determines that any mechanical system, or portion thereof, regulated by this code has become hazardous to life, health, property, or has become insanitary, the code official shall order in writing that such system either be removed or restored to a safe condition. A time limit for compliance with such order shall be specified in the written notice. A person shall not use or maintain a defective mechanical system after receiving such notice.

Where such mechanical system is to be disconnected, written notice as prescribed in Section 115.2 shall be given. In cases of immediate danger to life or property, such disconnection shall be made immediately without such notice.

[A] 115.6.2 Authority to order disconnection of energy sources disconnect service utilities.

The code official shall have the authority to <u>order authorize</u> disconnection of <u>utility services in accordance</u> with Section 112.3 energy sources supplied to a building, structure or mechanical system regulated by this code, where it is determined that the mechanical system or any portion thereof has become hazardous or unsafe. Written notice of such order to disconnect service and the causes therefor shall be given within 24 hours to the owner, the owner's authorized agent and occupant of such building, structure or premises, provided, however, that in cases of immediate danger to life or property, such disconnection shall be made immediately without such notice. Where energy sources are provided by a public utility, the code official shall immediately notify the serving utility in writing of the issuance of such order to disconnect.

[A] 115.6.3 Connection after order to disconnect.

A person shall not make energy source connections to mechanical systems regulated by this code that have been disconnected or ordered to be disconnected by the code official, or the use of which has been ordered to be discontinued by the code official until the code official authorizes the reconnection and use of such mechanical systems.

Where a mechanical system is maintained in violation of this code, and in violation of a notice issued pursuant to the provisions of this section, the code official shall institute appropriate action to prevent, restrain, correct or abate the violation.

Reason: ADM 39-19 was a coordinating proposal for Service Utilities. There was an inadvertent duplication of language in the section on Violations. This proposal is intended to editorially remove the repeated sections. A reference to the same section in Service Utilities is provided instead.

Cost impact. None. This is an editorial deletion of what is basically duplicate requirements.

BCAC ADM Item 19 ADM27 and ADM 33 coord

Date: 10-3-2020 Codes: IPSDC

Committee: BCAC, PMGCAC

Proposal 1 IPSDC

SECTION 107 FEES

[A] 106.4 107.1 Payment of fees. Fees. A permit shall not be issued valid until the fees prescribed in Section 106.4.2 by law have been paid., and an An amendment to a permit shall not be released until the additional fee, if any, due to an increase of the private sewage disposal system, has been paid.

107.2 Schedule of permit fees. Where work requires a permit, a fee for each permit shall be paid as required, in accordance with the schedule as established by the applicable governing authority.

[A] 106.4.2Fee schedule.

The fees for all private sewage disposal work shall be as indicated in the following schedule:

[JURISDICTION TO INSERT APPROPRIATE SCHEDULE].

107.3 Permit valuations. The applicant for a permit shall provide an estimated permit value at time of application. Permit valuations shall include total value of work, including materials and labor, for which the permit is being issued, such as mechanical equipment and permanent systems. If, in the opinion of the code official, the valuation is underestimated on the application, the permit shall be denied, unless the applicant can show detailed estimates to meet the approval of the code official. Final building permit valuation shall be set by the code official.

[A] 106.4.1 107.4 Work commencing before permit issuance. Any person who commences any work on a *private sewage disposal system* before obtaining the necessary permits shall be subject to 100 percent of the usual permit fee a fee established by the code official that shall be in addition to the required permit fees.

107.5 Related fees. The payment of the fee for the construction, alteration, removal or demolition for work done in connection to or concurrently with the work authorized by a permit shall not relieve the applicant or holder of the permit from the payment of other fees that are prescribed by law.

[A] 106.4.3Fee refunds.

The code official shall authorize the refunding of fees as follows:

- 1. The full amount of any fee paid hereunder that was erroneously paid or collected.
- 2.Not more than [SPECIFY PERCENTAGE] percent of the permit fee paid where no work has been done under a permit issued in accordance with this code.
- 3.Not more than **[SPECIFY PERCENTAGE]** percent of the plan review fee paid where an application for a permit for which a plan review fee has been paid is withdrawn or canceled before any plan review effort has been expended.

The code official shall not authorize the refunding of any fee paid except upon written application filed by the original permittee no later than 180 days after the date of fee payment.

107.6 Refunds. The code official is authorized to establish a refund policy.

Reason: The intent of this proposal is coordination for the section Fees in IPSDC with the other ICC codes. Since one city department will handle permit fees for construction, the requirements for administration should be the same across codes.

There were two different proposals to address consistency in the Fees section (ADM 27-19 and ADM 33-19) – the end result was coordination between the 2021 codes. for – IBC, IFC, IEBC, IMC, IPC, IPMC, IFGC, ISPSC, IWUIC and IZC. ADM27-19 should have included IPSDC, however it was missed.

The IPSDC required the insertion of a table for fees and sets a policy for refunds. If the jurisdiction is on a code for 3 to 6 years, this would prohibit them from adjusting their fees. What the policy is for refunds should also be determined by the department. ADM27-19 removed similar text in the IMC, IPC, IPMC, IFGC, and ISPSC.

The current text does not address permit valuations or related fees. The more generic language for refunds allows for the department to establish a policy rather than have that set in the codes.

The BCAC is working from the philosophy that ICC is a family of codes, so administrative requirements should be consistent across books. Most administrative and enforcement matters are the same for any code. Those matters unique for a specific code remain unchanged. This is one of a series of proposals being submitted relating to technical, editorial and organizational changes proposed for the Administrative chapters (Chapter 1) in all of the I-Codes.

Cost Impact: The net effect of the public comment and code change proposal will not increase or decrease the cost of construction

This is an editorial change that provides consistency between I-codes.

BCAC ADM 20 – Board of Appeals Section ISPSC, IPSDC, IFGC, IPMC

Rep:

Date: 10-5-2020

ISPSC

SECTION 112 BOARD OF APPEALS

[A] 112.1 Membership of board. The board of appeals shall consist of five members appointed by the chief appointing authority as follows: one for 5 years, one for 4 years, one for 3 years, one for 2 years and one for 1 year. Thereafter, each new member shall serve for 5 years or until a successor has been appointed.

IPSDC

SECTION 113 BOARD OF APPEALS

113.1 Membership of board. The board of appeals shall consist of five members appointed by the chief appointing authority as follows: one for 5 years, one for 4 years, one for 3 years, one for 2 years and one for 1 year. Thereafter, each new member shall serve for 5 years or until a successor has been appointed.

IFGC

SECTION 114 (IFGC) BOARD OF APPEALS

114.1 Membership of board. The board of appeals shall consist of five members appointed by the chief appointing authority as follows: one for 5 years; one for 4 years; one for 3 years; one for 2 years and one for 1 year. Thereafter, each new member shall serve for 5 years or until a successor has been appointed.

IPMC

SECTION 108 BOARD OF APPEALS

[A] 108.1 Membership of board. The board of appeals shall consist of not less than three members who are qualified by experience and training to pass on matters pertaining to property maintenance and who are not employees of the jurisdiction. The *code official* shall be an ex-officio member but shall not vote on any matter before the board. The board shall be appointed by the chief appointing authority, and shall serve staggered and overlapping terms.

Reason: ADM40-18 and ADM 43-19 were companion code changes. ADM 40-19 revised the sections for Means of Appeals. ADM 43-19 added an appendix for Board of Appeals that included the size and appointment of the Board of appeals to IBC, IEBC, IFC, IWUIC, IPC, IMC, IFGC, ISPSC, IPMC, IPSDC, IECC-C & R, IGCC and IRC. This text for the board size is only in these four codes. For consistency in the family of codes, and to not have a conflict with the appendix, this section should be deleted. Below is the relevant section from the appendix.

[A] 101.3Membership of board.

The board shall consist of five voting members appointed by the chief appointing authority of the jurisdiction. Each member shall serve for **[NUMBER OF YEARS]** years or until a successor has been

appointed. The board member's terms shall be staggered at intervals, so as to provide continuity. The code official shall be an ex officio member of said board but shall not vote on any matter before the board.

Cost impact: None. This is removing redundant text.

IPC (ADM 27-19)

This section was missed in the adds.

[A] 109.3 Permit valuations. The applicant for a *permit* shall provide an estimated *permit* value at time of application. *Permit* valuations shall include total value of work, including materials and labor, for which the *permit* is being issued, such as electrical, gas, mechanical, plumbing equipment and permanent systems. If, in the opinion of the *code official*, the valuation is underestimated on the application, the *permit* shall be denied, unless the applicant can show detailed estimates to meet the approval of the *building official*. Final building *permit* valuation shall be set by the *code official*.

Reason: ADM27-19 was approved last cycle for the coordination of the Fees section in IMC, IPC, IPMC, IFGC, ISPSC. This section was left out of IPC by accident. There is another proposal from BCAC that has some adjustment to this section across codes. If approved, that language should also be revised in this section.

BCAC ADM #24

Date: 11-5-2021

Codes: ICCPC, IEBC, IFGC, IGC, IPC, IPMC, IRC, ISPSC (IECC R and C)

Committee: BCAC, PMGCAC, SEHPCAC

Reason: Appendices are in all of the codes except for IZC. The intent is to put information about their adoption for inclusion in the same location in all of the codes immediately following the section on scope. This is already the case in the IBC, IFC, IMC, IPSDC and IWUIC. This section is added to ICCPC, IGCC, IPMC, and ISPSC. This section is relocated in the IEBC, IFGC, IPC and IRC. This will also be proposed to the first public draft of the IECC.

Cost: None: editorial.

IBC

SECTION 101 SCOPE AND GENERAL REQUIREMENTS

- [A] 101.1 Title. These regulations shall be known as the *Building Code* of [NAME OF JURISDICTION], hereinafter referred to as "this code."
- [A] 101.2 Scope. The provisions of this code shall apply to the construction, *alteration*, relocation, enlargement, replacement, *repair*, equipment, use and occupancy, location, maintenance, removal and demolition of every building or structure or any appurtenances connected or attached to such buildings or structures.

Exception: Detached one- and two-family *dwellings* and *townhouses* not more than three *stories above grade plane* in height with a separate *means of egress*, and their accessory structures not more than three *stories above grade plane* in height, shall comply with this code or the *International Residential Code*.

[A] 101.2.1 Appendices. Provisions in the appendices shall not apply unless specifically adopted.

ICCPC

SECTION 101 GENERAL

- [A] 101.1 Title. These regulations shall be known as the Performance Code of [NAME OF JURISDICTION], hereinafter referred to as "this code."
- [A] 101.2 Purpose. To provide appropriate health, safety, welfare, and social and economic value, while promoting innovative, flexible and responsive solutions that optimize the expenditure and consumption of resources.

[A] 101.3 Scope.

- [A] 101.3.1 Building. Part II of this code provides requirements for buildings and structures and includes provisions for structural strength, stability, sanitation, means of access and egress, light and ventilation, safety to life and protection of property from fire and, in general, to secure life and property from other hazards affecting the built environment. This code includes provisions for the use and occupancy of buildings, structures, facilities and premises, their alteration, repair, maintenance, removal, demolition, and the installation and maintenance of amenities including, but not limited to, such services as the electrical, gas, mechanical, plumbing, energy conservation and building transportation systems.
- [A] 101.3.2 Fire. Part III of this code establishes requirements applicable to the use and occupancy of buildings, structures and facilities; and to the prevention, control and mitigation of fire, life safety and property hazards arising

from this use and from the storage, handling and use of explosive, flammable and combustible materials, hazardous materials and dangerous operations and processes.

[A] 101.3.3 Appendices. Provisions in the appendices shall not apply unless specifically adopted.

IEBC

SECTION 101 SCOPE AND GENERAL REQUIREMENTS

- [A] 101.1 Title. These regulations shall be known as the *Existing Building Code* of [NAME OF JURISDICTION], hereinafter referred to as "this code."
- [A] 101.2 Scope. The provisions of this code shall apply to the *repair*, *alteration*, *change of occupancy*, *addition* to and relocation of *existing buildings*.

Exception: Detached one- and two-family dwellings and townhouses not more than three stories above grade plane in height with a separate means of egress, and their accessory structures not more than three stories above grade plane in height, shall comply with this code or the *International Residential Code*.

- **101.2.1 Application of fire code.** Where work regulated by this code is also regulated by the construction requirements for *existing buildings* in Chapter 11 of the *International Fire Code*, such work shall comply with applicable requirements in both codes.
- [A] 101.2.1 Appendices. Provisions in the appendices shall not apply unless specifically adopted.
- [A] 101.3 Purpose. The intent of this code is to provide flexibility to permit the use of alternative approaches to achieve compliance with minimum requirements to provide a reasonable level of safety, health, property protection and general welfare insofar as they are affected by the *repair*, *alteration*, *change of occupancy*, *addition* and relocation of *existing buildings*.
- [A] 101.4 Applicability. This code shall apply to the *repair*, *alteration*, *change of occupancy*, *addition* and relocation of *existing buildings*, regardless of occupancy, subject to the criteria of Sections 101.4.1 and 101.4.2.
 - [A] 101.4.1 Buildings not previously occupied. A building or portion of a building that has not been previously occupied or used for its intended purpose, in accordance with the laws in existence at the time of its completion, shall be permitted to comply with the provisions of the laws in existence at the time of its original permit unless such permit has expired. Subsequent permits shall comply with the *International Building Code* or *International Residential Code*, as applicable, for new construction.
 - [A] 101.4.2 Buildings previously occupied. The legal occupancy of any building existing on the date of adoption of this code shall be permitted to continue without change, except as is specifically covered in this code, the *International Fire Code*, or the *International Property Maintenance Code*, or as is deemed necessary by the *code official* for the general safety and welfare of the occupants and the public.
- [A] 101.5 Safeguards during construction. Construction work covered in this code, including any related demolition, shall comply with the requirements of Chapter 15.

[A] 101.6 Appendices. The *code official* is authorized to require retrofit of buildings, structures or individual structural members in accordance with the appendices of this code if such appendices have been individually adopted.

IFC

SECTION 101 SCOPE AND GENERAL REQUIREMENTS

[A] 101.1 Title. These regulations shall be known as the *Fire Code* of [NAME OF JURISDICTION], hereinafter referred to as "this code."

[A] 101.2 Scope. This code establishes regulations affecting or relating to structures, processes, premises and safeguards regarding all of the following:

- 1. The hazard of fire and explosion arising from the storage, handling or use of structures, materials or devices.
- 2. Conditions hazardous to life, property or public welfare in the occupancy of structures or premises.
- 3. Fire hazards in the structure or on the premises from occupancy or operation.
- 4. Matters related to the construction, extension, repair, *alteration* or removal of fire protection systems.
- 5. Conditions affecting the safety of fire fighters and emergency responders during emergency operations.

[A] 101.2.1 Appendices. Provisions in the appendices shall not apply unless specifically adopted.

IFGC

SECTION 101 (IFGC) SCOPE AND GENERAL REQUIREMENTS

[A] 101.1 Title. These regulations shall be known as the *Fuel Gas Code* of [NAME OF JURISDICTION], hereinafter referred to as "this code."

[A] 101.2 Scope. This code shall apply to the installation of fuel-gas *piping* systems, fuel gas *appliances*, gaseous hydrogen systems and related accessories in accordance with Sections 101.2.1 through 101.2.5.

Exception: Detached one- and two-family dwellings and townhouses not more than three stories above grade plane in height with separate means of egress and their accessory structures not more than three stories above grade plane in height, shall comply with this code or the *International Residential Code*.

[A] 101.3 101.2.1 Appendices. Provisions in the appendices shall not apply unless specifically adopted.

IGCC

101.3 Scope. The provisions of this code shall apply to the design, construction, addition, alteration, equipment, change of occupancy, relocation, replacement, demolition and removal of every building or structure or any appurtenances connected or attached to such buildings or structures and to the building site on which the building is located. Occupancy classifications shall be determined in accordance with the *International Building Code*.

101.3.1 (2.2) Applicability. The provisions of this code do not apply to the following:

- 1. Single-family dwellings.
- 2. Multiple-family dwellings of three stories or fewer above grade.
- 3. Manufactured houses (mobile homes).
- 4. Manufactured houses (modular).
- 5. Building projects that use none of the following:
 - 1. Electricity.
 - 2. Fossil fuels.
 - 3. Water.

101.3.2 Appendices. Provisions in the appendices shall not apply unless specifically adopted or referenced.

IMC

SECTION 101 SCOPE AND GENERAL REQUIREMENTS

- [A] 101.1 Title. These regulations shall be known as the *Mechanical Code* of [NAME OF JURISDICTION], hereinafter referred to as "this code."
- [A] 101.2 Scope. This code shall regulate the design, installation, maintenance, *alteration* and inspection of mechanical systems that are permanently installed and utilized to provide control of environmental conditions and related processes within buildings. This code shall also regulate those mechanical systems, system components, *equipment* and *appliances* specifically addressed herein. The installation of fuel gas distribution piping and *equipment*, fuel gas-fired *appliances* and fuel gas-fired *appliance* venting systems shall be regulated by the *International Fuel Gas Code*.

Exception: Detached one- and two-family dwellings and townhouses not more than three stories above grade plane in height with a separate means of egress and their accessory structures not more than three stories above grade plane in height shall comply with this code or the *International Residential Code*.

[A] 101.2.1 Appendices. Provisions in the appendices shall not apply unless specifically adopted.

IPC

- [A] 101.1 Title. These regulations shall be known as the *Plumbing Code* of [NAME OF JURISDICTION] hereinafter referred to as "this code."
- [A] 101.2 Scope. The provisions of this code shall apply to the erection, installation, alteration, repairs, relocation, replacement, addition to, use or maintenance of plumbing systems within this jurisdiction. This code shall regulate nonflammable medical gas, inhalation anesthetic, vacuum piping, nonmedical oxygen systems and sanitary and condensate vacuum collection systems. The installation of fuel gas distribution piping and equipment, fuel-gas-fired water heaters and water heater venting systems shall be regulated by the *International Fuel Gas Code*. Provisions in the appendices shall not apply unless specifically adopted.

Exception: Detached one- and two-family dwellings and townhouses not more than three stories above grade plane in height with a separate means of egress, and their accessory structures not more than three stories above grade plane in height, shall comply with this code or the *International Residential Code*.

[A] 101.2.1 Appendices. Provisions in the appendices shall not apply unless specifically adopted.

IPMC

SECTION 101 SCOPE AND GENERAL REQUIREMENTS

- [A] 101.1 Title. These regulations shall be known as the *International Property Maintenance Code* of [NAME OF JURISDICTION], hereinafter referred to as "this code."
- [A] 101.2 Scope. The provisions of this code shall apply to all existing residential and nonresidential structures and all existing *premises* and constitute minimum requirements and standards for *premises*, structures, equipment and facilities for light, *ventilation*, space, heating, sanitation, protection from the elements, a reasonable level of safety from fire and other hazards, and for a reasonable level of sanitary maintenance; the responsibility of *owners*, an *owner's* authorized agent, *operators* and *occupants*; the *occupancy* of existing structures and *premises*, and for administration, enforcement and penalties.

[A] 101.2.1 Appendices. Provisions in the appendices shall not apply unless specifically adopted.

IPSDC

SECTION 101 SCOPE AND GENERAL REQUIREMENTS

[A] 101.1 Title. These regulations shall be known as the *Private Sewage Disposal Code* of [NAME OF JURISDICTION] hereinafter referred to as "this code."

[A] 101.2 Scope. Septic tank and effluent absorption systems or other treatment tank and effluent disposal systems shall be permitted where a public sewer is not available to the property served. Unless specifically approved, the *private sewage disposal system* of each building shall be entirely separate from and independent of any other building. The use of a common system or a system on a parcel other than the parcel where the structure is located shall be subject to the full requirements of this code as for systems serving public buildings.

[A] 101.2.1 Appendices. Provisions in the appendices shall not apply unless specifically adopted.

IRC

SECTION R101 SCOPE AND GENERAL REQUIREMENTS

R101.1 Title. These provisions shall be known as the *Residential Code for One- and Two-family Dwellings* of [NAME OF JURISDICTION], and shall be cited as such and will be referred to herein as "this code."

R101.2 Scope. The provisions of this code shall apply to the construction, *alteration*, movement, enlargement, replacement, repair, equipment, use and occupancy, location, removal and demolition of detached one- and two-family dwellings and *townhouses* not more than three stories above *grade plane* in height with a separate means of egress and their *accessory structures* not more than three stories above *grade plane* in height.

Exception: The following shall be permitted to be constructed in accordance with this code where provided with an automatic spinkler system complying with Section P2904:

- 1. Live/work units located in townhouses and complying with the requirements of Section 508.5 of the *International Building Code*.
- 2. Owner-occupied *lodging houses* with five or fewer guestrooms.
- 3. A care facility with five or fewer persons receiving custodial care within a dwelling unit.
- 4. A care facility with five or fewer persons receiving medical care within a dwelling unit.
- 5. A care facility for five or fewer persons receiving care that are within a single-family dwelling.

<u>R101.2.1 Appendices.</u> Provisions in the appendices identified for possible adoption shall not apply unless specifically adopted.

R101.3 Purpose. The purpose of this code is to establish minimum requirements to provide a reasonable level of safety, health and general welfare through affordability, structural strength, means of egress, stability, sanitation, light and ventilation, energy conservation and safety to life and property from fire and other hazards and to provide a reasonable level of safety to fire fighters and emergency responders during emergency operations.

R102.5 Appendices. Provisions in the appendices shall not apply unless specifically referenced in the adopting ordinance.

ISPSC

SECTION 101 SCOPE AND GENERAL REQUIREMENTS

[A] 101.1 Title. These regulations shall be known as the Swimming Pool and Spa Code of [NAME OF JURISDICTION], hereinafter referred to as "this code."

[A] 101.2 Scope. The provisions of this code shall apply to the construction, alteration, movement, renovation, replacement, repair and maintenance of aquatic recreation facilities, pools and spas. The pools and spas covered by this code are either permanent or temporary, and shall be only those that are designed and manufactured to be connected to a circulation system and that are intended for swimming, bathing or wading.

[A] 101.2.1 Appendices. Provisions in the appendices shall not apply unless specifically adopted.

<u>101.2.2</u> <u>101.2.1</u> **Flotation tanks.** Flotation tank systems intended for sensory deprivation therapy shall not be considered to be included in the scope of this code.

IWUIC

SECTION 101 SCOPE AND GENERAL REQUIREMENTS

[A] 101.1 Title. These regulations shall be known as the *Wildland-Urban Interface Code* of [NAME OF JURISDICTION], hereinafter referred to as "this code."

[A] 101.2 Scope. The provisions of this code shall apply to the construction, alteration, movement, repair, maintenance and use of any building, structure or premises within the *wildland-urban interface areas* in this jurisdiction.

Buildings or conditions in existence at the time of the adoption of this code are allowed to have their use or occupancy continued, if such condition, use or occupancy was legal at the time of the adoption of this code, provided that such continued use does not constitute a distinct danger to life or property.

Buildings or structures moved into or within the jurisdiction shall comply with the provisions of this code for new buildings or structures.

[A] 101.2.1 Appendices. Provisions in the appendices shall not apply unless specifically adopted.

IZC – this book has no appendix

Reason: This is an effort to make the reference for appendices consistent across codes both in location and content. Since appendices are occasionally referenced (ex: IEBC of Appendix A and IGCC Section 101.5.1), this proposal adds "or referenced" if this occurs.

Cost impact: None: Editorial clarification.

IECC

SECTION C101 SCOPE AND GENERAL REQUIREMENTS

C101.1 Title. This code shall be known as the *Energy Conservation Code* of **[NAME OF JURISDICTION]**, and shall be cited as such. It is referred to herein as "this code."

C101.2 Scope. This code applies to *commercial buildings* and the buildings' sites and associated systems and equipment.

C101.2.1 Appendices. Provisions in the appendices shall not apply unless specifically adopted.

SECTION R101 SCOPE AND GENERAL REQUIREMENTS

R101.1 Title. This code shall be known as the *Energy Conservation Code* of **[NAME OF JURISDICTION]** and shall be cited as such. It is referred to herein as "this code."

R101.2 Scope. This code applies to residential buildings, building sites and associated systems and equipment.

R101.2.1 Appendices. Provisions in the appendices shall not apply unless specifically adopted.

BCAC ADM #30

From John-Jozef Proczka

Proposal – Material specification on construction documents

Codes: IBC, IRC, IFC, IPC, IMC, IFGC, IEBC, IPSDC, IWUIC, ISPSC (added IECC)

IBC

SECTION 107

CONSTRUCTION DOCUMENTS

107.2.1 Information on construction documents. *Construction documents* shall be dimensioned and drawn on suitable material. Electronic media documents are permitted to be submitted where *approved* by the *building official*. *Construction documents* shall be of sufficiently clarity to indicate the <u>material</u>, location, nature and extent of the work proposed and show in detail that it will conform to the provisions of this code and relevant laws, ordinances, rules and regulations, as determined by the *building official*.

[A] 107.2 Construction documents. *Construction documents* shall be in accordance with Sections 107.2.1 through 107.2.8 107.2.9.

[A] 107.2.7 Structural information. The *construction documents* shall provide the information specified in Section 1603.

107.2.8 Material Specification. The *construction documents* shall indicate the characteristics of the materials to be used in sufficient detail to show that they will conform with the provisions of this code.

<u>107.2.9</u> <u>107.2.8</u> **Relocatable buildings.** *Construction documents* for *relocatable buildings* shall comply with Section 3112.

IRC

SECTION R106

CONSTRUCTION DOCUMENTS

R106.1.1 Information on construction documents. Construction documents shall be drawn upon suitable material. Electronic media documents are permitted to be submitted where approved by the building official. Construction documents shall be of sufficient clarity to indicate the material, location, nature and extent of the work proposed and show in detail that it will conform to the provisions of this code and relevant laws, ordinances, rules and regulations, as determined by the building official.

IFC

SECTION 106

CONSTRUCTION DOCUMENTS

[A] 106.2.1 Information on construction documents. Construction documents shall be drawn to scale on suitable material. Documents in a digital format are allowed to be submitted where approved by the fire code official. Construction documents shall be of sufficient clarity to indicate the material, location, nature and extent of the work proposed and show in detail that it will conform to the provisions of this code and relevant laws, ordinances, rules and regulations as determined by the fire code official.

IPC

SECTION 110

CONSTRUCTION DOCUMENTS

[A] 110.1 Construction documents. Construction documents, engineering calculations, diagrams and other such data shall be submitted in two or more sets, or in a digital format where allowed by the code official, with each application for a permit. The code official shall require construction documents, computations and specifications to

be prepared and designed by a registered design professional where required by state law. Construction documents shall be drawn to scale and shall be of sufficient clarity to indicate the <u>material</u>, location, nature and extent of the work proposed and show in detail that the work conforms to the provisions of this code. Construction documents for buildings more than two stories in height shall indicate where penetrations will be made for pipes, fittings and components and shall indicate the materials and methods for maintaining required structural safety, fire-resistance rating and fireblocking.

Exception: The code official shall have the authority to waive the submission of construction documents, calculations or other data if the nature of the work applied for is such that the reviewing of construction documents is not necessary to determine compliance with this code.

IMC SECTION 110 CONSTRUCTION DOCUMENTS

[A] 110.1 Construction documents. Construction documents, engineering calculations, diagrams and other data shall be submitted in two or more sets, or in a digital format where allowed by the building official, with each application for a permit. The code official shall require construction documents, computations and specifications to be prepared and designed by a registered design professional where required by state law. Where special conditions exist, the code official is authorized to require additional construction documents to be prepared by a registered design professional. Construction documents shall be drawn to scale and shall be of sufficient clarity to indicate the material, location, nature and extent of the work proposed and show in detail that the work conforms to the provisions of this code. Construction documents for buildings more than two stories in height shall indicate where penetrations will be made for mechanical systems, and the materials and methods for maintaining required structural safety, fire-resistance rating and fireblocking.

Exception: The code official shall have the authority to waive the submission of *construction documents*, calculations or other data if the nature of the work applied for is such that reviewing of *construction documents* is not necessary to determine compliance with this code.

IFGC SECTION 107 (IFGC) CONSTRUCTION DOCUMENTS

[A] 107.1 Construction documents. Construction documents, engineering calculations, diagrams and other data shall be submitted in two or more sets, or in a digital format where allowed by the building official, with each application for a permit. The *code official* shall require *construction documents*, computations and specifications to be prepared and designed by a *registered design professional* where required by state law. Construction documents shall be drawn to scale and shall be of sufficient clarity to indicate the material, location, nature and extent of the work proposed and show in detail that the work conforms to the provisions of this code. Construction documents for buildings more than two stories in height shall indicate where penetrations will be made for installations and shall indicate the materials and methods for maintaining required structural safety, fire resistance rating and fireblocking.

Exception: The *code official* shall have the authority to waive the submission of *construction documents*, calculations or other data if the nature of the work applied for is such that reviewing of *construction documents* is not necessary to determine compliance with this code.

IEBC SECTION 106 CONSTRUCTION DOCUMENTS

[A] **106.2 Construction documents.** Construction documents shall be in accordance with Sections 106.2.1 through 106.2.6.

[A] 106.2.1 Construction documents. Construction documents shall be dimensioned and drawn on suitable material. Electronic media documents are permitted to be submitted where *approved* by the *code official*. Construction documents shall be of sufficient clarity to indicate the <u>material</u>, location, nature and extent of the work proposed and show in detail that it will conform to the provisions of this code and relevant laws, ordinances, rules and regulations, as determined by the *code official*. The *work areas* shall be shown.

106.2.7 Material Specification. The *construction documents* shall indicate the characteristics of the materials to be used in sufficient detail to show that they will conform with the provisions of this code.

IPSDC SECTION 107 CONSTRUCTION DOCUMENTS

[A] 107.1 Construction documents. An application for a permit shall be accompanied by not less than two copies of *construction documents* drawn to scale, or in a digital format where allowed by the building official, with sufficient clarity and detail dimensions showing the <u>material</u>, nature, and character of the work to be performed. Specifications shall include pumps and controls, dose volume, elevation differences (vertical lift), pipe friction loss, pump performance curve, pump model and pump manufacturer. The *code official* is permitted to waive the requirements for filing *construction documents* where the work involved is of a minor nature. Where the quality of the materials is essential for conformity to this code, specific information shall be given to establish such quality, and this code shall not be cited, or the term "legal" or its equivalent used as a substitute for specific information.

IPMC No text

IWUIC SECTION 107 CONSTRUCTION DOCUMENTS

[A] 107.2 Information on plans and specifications. Plans and specifications shall be drawn to scale on substantial paper or cloth and shall be of sufficient clarity to indicate the <u>material</u>, location, nature and extent of the work proposed, and show in detail that it will conform to the provisions of this code and relevant laws, ordinances, rules and regulations.

ISPSC SECTION 106 CONSTRUCTION DOCUMENTS

[A] 106.1 Construction documents. Construction documents, engineering calculations, diagrams and other such data shall be submitted in two or more sets with each application for a permit. The *code official* shall require construction documents, computations and specifications to be prepared and designed by a registered design professional where required by state law. Construction documents shall be drawn to scale and shall be of sufficient clarity to indicate the <u>material</u>, location, nature and extent of the work proposed and show in detail that the work conforms to the provisions of this code.

Reason:

Although sometimes stated in various manners in the material specific chapters and referenced standards, there is currently no global requirement to show the material specification on the construction documents. This change would include this material specification requirement. Material specification is an obvious necessity of the code, as the properties of materials are regulated throughout. The absence of material specification can cause insufficiently strong, fire-resistive, water-resistive, etc. structures, especially when similar materials are or can be used, such as: steel versus aluminum hollow sections, and differing wood species/grades. Material specification absence causes issues with correct communication between the designer, the contractor, and the inspector.

Note that construction documents includes both specifications and drawings.

This requirement can currently be attempted to be enforced as a requirement in accordance with the clarity provisions of IBC Section 107.2.1 as constructing a project without these specifications is difficult and usually not code compliant. The wording that currently exists uses the term "nature", but this term is not specific enough for this material identification requirement.

The material specification requirement is included both in a new subsection to IBC 107.2 as well as in IBC 107.2.1 for general consistency across i-codes as the majority of the other i-codes do not have an appropriate section to create a new subsection for, so the term "material" is captured in the similar sections without creating the separate subsection.

The proposed wording is chosen such that every possible characteristic of the material does not have to be provided, unless the characteristic is necessary for the building official to determine compliance with the code.

Cost Impact:

This code change proposal will neither increase nor decrease the cost of construction. It is a clarification of existing requirements.

For 1st public comment draft IECC

C103.2 Information on construction documents. Construction documents shall be drawn to scale on suitable material. Electronic media documents are permitted to be submitted where *approved* by the *code official*. Construction documents shall be of sufficient clarity to indicate the <u>material</u>, location, nature and extent of the work proposed, and show in sufficient detail pertinent data and features of the building, systems and equipment as herein governed. Details shall include, but are not limited to, the following as applicable:

- 1. Energy compliance path.
- 2. Insulation materials and their *R*-values.
- 3. Fenestration *U*-factors and solar heat gain coefficients (SHGCs).
- 4. Area-weighted *U*-factor and solar heat gain coefficient (SHGC) calculations.
- 5. Mechanical system design criteria.
- 6. Mechanical and service water-heating systems and equipment types, sizes and efficiencies.
- 7. Economizer description.
- 8. Equipment and system controls.
- 9. Fan motor horsepower (hp) and controls.
- 10. Duct sealing, duct and pipe insulation and location.
- 11. Lighting fixture schedule with wattage and control narrative.
- 12. Location of *daylight* zones on floor plans.
- 13. Air barrier and air sealing details, including the location of the air barrier.

R103.2 Information on construction documents. Construction documents shall be drawn to scale on suitable material. Electronic media documents are permitted to be submitted where *approved* by the *code official*. Construction documents shall be of sufficient clarity to indicate the <u>material</u>, location, nature and extent of the work proposed, and show in sufficient detail pertinent data and features of the *building*, systems and equipment as herein governed. Details shall include the following as applicable:

- 1. Energy compliance path.
- 2. Insulation materials and their *R*-values.
- 3. Fenestration *U*-factors and *solar heat gain coefficients* (SHGC).

- 4. Area-weighted *U*-factor and *solar heat gain coefficients* (SHGC) calculations.
- 5. Mechanical system design criteria.
- 6. Mechanical and service water-heating systems and equipment types, sizes and efficiencies.
- 7. Equipment and system controls.
- 8. Duct sealing, duct and pipe insulation and location.
- 9. Air sealing details.

ADM #31

Proposal – Individual interpretations not waiving code provisions.

Codes: IBC, IRC, IFC, IPC, IMC, IFGC, IEBC, IPSDC, IPMC, IWUIC, ISPSC, IGCC

Committee: BCAC, FCAC, PMGCAC

From John-Jozef Proczka

Codes: IBC, IRC, IFC, IPC, IMC, IFGC, IEBC, IPSDC, IPMC, IWUIC, ISPSC, IGCC

Committee: BCAC, FCAC, PMGCAC

11-11-2021 Notes from FCAC Interps are project specific. It should not be added in the 3rd sentence and should be removed from the 2nd sentence

IBC

SECTION 104 DUTIES AND POWERS OF BUILDING OFFICIAL

104.1 General. The building official is hereby authorized and directed to enforce the provisions of this code. The *building official* shall have the authority to render interpretations of this code and adopt policies and procedures in order to clarify the application of its provisions. Such interpretations, policies and procedures shall be in compliance with the intent and purpose of this code. Such interpretations, policies, and procedures and shall not have the effect of waiving requirements specifically provided for in this code.

IRC

SECTION R104 DUTIES AND POWERS OF THE BUILDING OFFICIAL

R104.1 General. The *building official* is hereby authorized and directed to enforce the provisions of this code. The *building official* shall have the authority to render interpretations of this code and to adopt policies and procedures in order to clarify the application of its provisions. Such interpretations, policies and procedures shall be in compliance with the intent and purpose of this code. Such <u>interpretations</u>, policies and procedures shall not have the effect of waiving requirements specifically provided for in this code.

IFC

SECTION 104 DUTIES AND POWERS OF THE FIRE CODE OFFICIAL

[A] 104.1 General. The *fire code official* is hereby authorized to enforce the provisions of this code. The *fire code official* shall have the authority to render interpretations of this code and to adopt policies, procedures, rules and regulations in order to clarify the application of its provisions. Such interpretations, policies, procedures, rules and regulations shall be in compliance with the intent and purpose of this code. Such <u>interpretations</u>, policies, procedures, rules and regulations shall not have the effect of waiving requirements specifically provided for in this code.

IPC

SECTION 104 DUTIES AND POWERS OF THE CODE OFFICIAL [A] 104.1 General. The code official is hereby authorized and directed to enforce the provisions of this code. The code official shall have the authority to render interpretations of this code and to adopt policies and procedures in order to clarify the application of its provisions. Such interpretations, policies and procedures shall be in compliance with the intent and purpose of this code. Such interpretations, policies and procedures shall not have the effect of waiving requirements specifically provided for in this code.

IMC

SECTION 104

DUTIES AND POWERS OF THE CODE OFFICIAL

[A] 104.1 General. The code official is hereby authorized and directed to enforce the provisions of this code. The code official shall have the authority to render interpretations of this code and to adopt policies and procedures in order to clarify the application of its provisions. Such interpretations, policies and procedures shall be in compliance with the intent and purpose of this code. Such interpretations, policies and procedures shall not have the effect of waiving requirements specifically provided for in this code.

IFCG

SECTION 104 (IFGC)

DUTIES AND POWERS OF THE CODE OFFICIAL

[A] 104.1 General. The *code official* is hereby authorized and directed to enforce the provisions of this code. The *code official* shall have the authority to render interpretations of this code and to adopt policies and procedures in order to clarify the application of its provisions. Such interpretations, policies and procedures shall be in compliance with the intent and purpose of this code. Such interpretations, policies and procedures shall not have the effect of waiving requirements specifically provided in this code.

IEBC

SECTION 104

DUTIES AND POWERS OF CODE OFFICIAL

[A] 104.1 General. The *code official* is hereby authorized and directed to enforce the provisions of this code. The *code official* shall have the authority to render interpretations of this code and to adopt policies and procedures in order to clarify the application of its provisions. Such interpretations, policies and procedures shall be in compliance with the intent and purpose of this code. Such <u>interpretations</u>, policies and procedures shall not have the effect of waiving requirements specifically provided for in this code.

IPSDC

SECTION 104

DUTIES AND POWERS OF THE CODE OFFICIAL

[A] 104.1 General. The *code official* is hereby authorized and directed to enforce the provisions of this code. The *code official* shall have the authority to render interpretations of this code and to adopt policies and procedures in order to clarify the application of its provisions. Such interpretations, policies and procedures shall be in compliance with the intent and purpose of this code. Such interpretations, policies and procedures shall not have the effect of waiving requirements specifically provided for in this code.

IPMC

SECTION 105

DUTIES AND POWERS OF THE CODE OFFICIAL

[A] 105.1 General. The *code official* is hereby authorized and directed to enforce the provisions of this code. The *code official* shall have the authority to render interpretations of this code and to adopt policies and procedures in order to clarify the application of its provisions. Such interpretations, policies and procedures shall be in compliance

with the intent and purpose of this code. Such <u>interpretations</u>, policies and procedures shall not have the effect of waiving requirements specifically provided for in this code.

IWUIC

SECTION 104

AUTHORITY OF THE CODE OFFICIAL

[A] 104.1 Powers and duties of the code official. The *code official* is hereby authorized to enforce the provisions of this code. The *code official* shall have the authority to render interpretations of this code and to adopt policies and procedures in order to clarify the application of its provisions. Such interpretation interpretations, policy policies and procedures shall not have the effect of waiving requirements specifically provided for in this code.

IZC

SECTION 104 DUTIES AND POWERS OF THE ZONING CODE OFFICIAL

[A] 104.1 General. This section establishes the duties and responsibilities for the zoning code official and other officials and agencies, with respect to the administration of this code. The zoning code official and/or designee shall be referred to hereafter as "the code official."

[A] 104.3 Reviews and approvals. The code official shall be authorized to undertake reviews, make recommendations and grant approvals as set forth in this code.

ICCPC

No text

ISPSC

SECTION 104

DUTIES AND POWERS OF THE CODE OFFICIAL

[A] 104.1 General. The *code official* is hereby authorized and directed to enforce the provisions of this code. The *code official* shall have the authority to render interpretations of this code and to adopt policies and procedures in order to clarify the application of its provisions. Such interpretations, policies and procedures shall be in compliance with the intent and purpose of this code. Such <u>interpretations</u>, policies and procedures shall not have the effect of waiving requirements specifically provided for in this code.

IGCC

SECTION 104

DUTIES AND POWERS OF THE AUTHORITY HAVING JURISDICTION

104.1 General. The authority having jurisdiction is hereby authorized and directed to enforce the provisions of this code. The authority having jurisdiction shall have the authority to render interpretations of this code and to adopt policies and procedures in order to clarify the application of its provisions and how this code relates to other applicable codes and ordinances. Such interpretations, policies and procedures shall be in compliance with the intent and purpose of this code and other applicable codes and ordinances. Such interpretations, policies and procedures shall not have the effect of waiving requirements specifically provided for in this code or other applicable codes and ordinances.

Reason:

Not only can policies and procedures not waive requirements of the code, but it is also the intent that individual interpretations not waive requirements of the code.

Section 104.10 and 104.11 are already present for where modifications or alternatives can be considered, and as such when they are used code sections are not being waived.

Notes: 10-11-2021: Look at all the codes. (John-Jozef Proczka). Is the highlighted needed or commentary?

BCAC ADM Item #32 Alternative Means

Codes: IEBC, IFC, IFGC, IMC, IPC, IPMC, IPSDC, IRC, ISPSC, IWUIC, IECC (C and R)

Committee: BCAC, FCAC, PMGCAC, SEPCAC

Date: 10-29-2021

Will be submitted to IECC with public review draft.

Manny Muniz had changes to IBC 104.11 with ADM19-19 (AM), ADM20-19 (D), ADM21-19 (D)

Reason from ADM 19-19: This section can be written more clearly as to the various criteria that must be met in order to be approved as an alternate material, design or method of construction. This will make it easier for the building official to make the necessary evaluation and decision. Should the alternate not be approved, it will also make it easier for the building official to cite the reasons for disapproval. There are no changes to the various requirements that the building official must consider.

Reason: ADM19-19 modified IBC Section 104.11, but did not make the same suggestion across all the codes. The changes to this section were primarily formatting, with some slight reordering. This same change to be applicable to all the codes. It was also noted that not all of the codes included a subsection on research reports as an aid to alternative approval.

Cost impact - None. Editorial

IBC

[A] 104.11 Alternative materials, design and methods of construction and equipment. The provisions of this code are not intended to prevent the installation of any material or to prohibit any design or method of construction not specifically prescribed by this code, provided that any such alternative has been *approved*. An alternative material, design or method of construction shall be *approved* where the *building official* finds that the proposed alternative meets all of the following:

- 1. The alternative material, design or method of construction is satisfactory and complies with the intent of the provisions of this code,
- 2. The material, method or work offered is, for the purpose intended, not less than the equivalent of that prescribed in this code as it pertains to the following:
 - 2.1. Quality.
 - 2.2. Strength.
 - 2.3. Effectiveness.
 - 2.4. Fire resistance.
 - 2.5. Durability.
 - 2.6. Safety.

Where the alternative material, design or method of construction is not approved, the *building official* shall respond in writing, stating the reasons why the alternative was not approved.

[A] 104.11.1 Research reports. Supporting data, where necessary to assist in the approval of materials or assemblies not specifically provided for in this code, shall consist of valid research reports from *approved* sources.

ICCP - none

IEBC

[A] 104.11 Alternative materials, design and methods of construction, and equipment. The provisions of this code are not intended to prevent the installation of any material or to prohibit any design or method of construction not specifically prescribed by this code, provided that any such alternative has been *approved*. An alternative material,

design or method of construction shall be *approved* where the *code official* finds that the proposed <u>alternative meets</u> <u>all of the following:</u>

- The alternative material, design or method of construction is satisfactory and complies with the intent of the provisions of this code, and that
- 2. The material, method or work offered is, for the purpose intended, not less than the equivalent of that prescribed in this code in as it pertains to the following:
 - 2.1. Quality,.
 - 2.2. Strength,
 - 2.3. Effectiveness,
 - 2.4. Fire resistance,
 - 2.5. Durability. and
 - 2.6. Safety.

Where the alternative material, design or method of construction is not *approved*, the *code official* shall respond in writing, stating the reasons why the alternative was not *approved*.

[A] 104.11.1 Research reports. Supporting data, where necessary to assist in the approval of materials or assemblies not specifically provided for in this code, shall consist of valid research reports from *approved* sources.

IFC

- [A] 104.10 Alternative materials, design and methods of construction and equipment. The provisions of this code are not intended to prevent the installation of any material or to prohibit any design or method of construction not specifically prescribed by this code, provided that any such alternative has been *approved*. An alternative material, design or method of construction shall be *approved* where the *fire code official* finds that the proposed <u>alternative</u> meets all of the following:
 - 1. The alternative material, design or method of construction is satisfactory and complies with the intent of the provisions of this code, and that
 - <u>2.</u> The material, method or work offered is, for the purpose intended, not less than the equivalent of that prescribed in this code-in as it pertains to the following:
 - 2.1. Quality,
 - 2.2. Strength,
 - 2.3. Effectiveness.
 - 2.4. Fire resistance.
 - 2.5. Durability. and
 - 2.6. Safety.

Where the alternative material, design or method of construction is not approved, the fire code official shall respond in writing, stating the reasons why the alternative was not approved.

[A] 104.10.1 Research reports. Supporting data, where necessary to assist in the approval of materials or assemblies not specifically provided for in this code, shall consist of valid research reports from *approved* sources.

IFGC

- [A] 105.2 Alternative materials, design and methods of construction and equipment. The provisions of this code are not intended to prevent the installation of any material or to prohibit any design or method of construction not specifically prescribed by this code, provided that any such alternative has been *approved*. An alternative material, design or method of construction shall be *approved* where the *code official* finds that the proposed <u>alternative meets</u> all of the following:
 - 1. The alternative material, design or method of construction is satisfactory and complies with the intent of the provisions of this code, and that

- <u>2.</u> The material, method or work offered is, for the purpose intended, not less than the equivalent of that prescribed in this code-in as it pertains to the following:
 - 2.1. Quality,
 - 2.2. Strength,
 - 2.3. Effectiveness.
 - 2.4. Fire resistance,
 - 2.5. Durability. and
 - 2.6. Safety.

Where the alternative material, design or method of construction is not *approved*, the *code official* shall respond in writing, stating the reasons why the alternative was not *approved*.

[A] 105.2.1 Research reports. Supporting data, where necessary to assist in the approval of materials or assemblies not specifically provided for in this code, shall consist of valid research reports from *approved* sources.

IMC

- [A] 105.2 Alternative materials, design and methods of construction and equipment. The provisions of this code are not intended to prevent the installation of any material or to prohibit any design or method of construction not specifically prescribed by this code, provided that any such alternative has been *approved*. An alternative material, design or method of construction shall be *approved* where the code official finds that the proposed <u>alternative meets</u> all of the following:
 - 1. The alternative material, design or method of construction is satisfactory and complies with the intent of the provisions of this code, and that
 - 2. The material, method or work offered is, for the purpose intended, not less than the equivalent of that prescribed in this code in as it pertains to the following:
 - 2.1. Quality ...
 - 2.2. Strength,
 - 2.3. Effectiveness.
 - 2.4. Fire resistance.
 - 2.5. Durability. and
 - 2.6. Safety.

Where the alternative material, design or method of construction is not *approved*, the *code official* shall respond in writing, stating the reasons why the alternative was not *approved*.

[A] 105.2.1 Research reports. Supporting data, where necessary to assist in the approval of materials or assemblies not specifically provided for in this code, shall consist of valid research reports from *approved* sources.

IPC

- [A] 105.2 Alternative materials, design and methods of construction and equipment. The provisions of this code are not intended to prevent the installation of any material or to prohibit any design or method of construction not specifically prescribed by this code, provided that any such alternative has been *approved*. An alternative material or method of construction shall be *approved* where the code official finds that the proposed <u>alternative meets all of the following:</u>
 - 1. The alternative material, design or method of construction is satisfactory and complies with the intent of the provisions of this code, and that
 - 2. The material, method or work offered is, for the purpose intended, not less than the equivalent of that prescribed in this code in as it pertains to the following:
 - 2.1. Quality,
 - 2.2. Strength,

- 2.3. Effectiveness.
- 2.4. Fire resistance.
- 2.5. Durability. and
- <u>2.6.</u> Safety.

Where the alternative material, design or method of construction is not *approved*, the *code official* shall respond in writing, stating the reasons why the alternative was not *approved*.

[A] 105.2.1 Research reports. Supporting data, where necessary to assist in the approval of materials or assemblies not specifically provided for in this code, shall consist of valid research reports from *approved* sources.

IPMC

[A] 106.2 Alternative materials, design and methods of construction and equipment. The provisions of this code are not intended to prevent the installation of any material or to prohibit any design or method of construction not specifically prescribed by this code, provided that any such alternative has been *approved*. An alternative material, design or method of construction shall be *approved* where the *code official* finds that the proposed <u>alternative meets</u> all of the following:

- 1. The alternative material, design or method of construction is satisfactory and complies with the intent of the provisions of this code, and that
- <u>2.</u> The material, method or work offered is, for the purpose intended, not less than the equivalent of that prescribed in this code in as it pertains to the following:
 - 2.1. Quality.
 - 2.2. Strength,
 - 2.3. Effectiveness.
 - 2.4. Fire resistance.
 - 2.5. Durability. and
 - <u>2.6.</u> Safety.

Where the alternative material, design or method of construction is not *approved*, the *code official* shall respond in writing, stating the reasons why the alternative was not *approved*.

[A] 106.6 Research reports. Supporting data, where necessary to assist in the approval of materials or assemblies not specifically provided for in this code, shall consist of valid research reports from *approved* sources.

IPSDC

[A] 105.2 Alternative materials, design and methods of construction and equipment. The provisions of this code are not intended to prevent the installation of any material or to prohibit any design or method of construction not specifically prescribed by this code, provided that any such alternative has been approved. An alternative material, design or method of construction shall be approved where the *code official* finds that the proposed <u>alternative meets</u> all of the following:

- 1. The alternative material, design or method of construction is satisfactory and complies with the intent of the provisions of this code, and that
- 2. The material, method or work offered is, for the purpose intended, not less than the equivalent of that prescribed in this code in as it pertains to the following:
 - <u>2.1.</u> Quality,
 - <u>2.2.</u> Strength,
 - 2.3. Effectiveness.
 - 2.4. Fire resistance,
 - 2.5. Durability. and

2.6. Safety.

Where the alternative material, design or method of construction is not *approved*, the *code official* shall respond in writing, stating the reasons why the alternative was not *approved*.

[A] 105.2.1 Research reports. Supporting data, where necessary to assist in the approval of materials or assemblies not specifically provided for in this code, shall consist of valid research reports from approved sources.

IRC

R104.11 Alternative materials, design and methods of construction and equipment. The provisions of this code are not intended to prevent the installation of any material or to prohibit any design or method of construction not specifically prescribed by this code. The *building official* shall have the authority to approve An alternative material, design or method of construction upon application of the *owner* or the owner's authorized agent. The shall be approved where the *building official* shall first find finds that the proposed alternative meets all of the following:

- The alternative material, design or method of construction is satisfactory and complies with the intent of the provisions of this code, and that
- 2. The material, method or work offered is, for the purpose intended, not less than the equivalent of that prescribed in this code in as it pertains to the following:
 - <u>2.1.</u> Quality,
 - 2.2. Strength,
 - 2.3. Effectiveness.
 - 2.4. Fire resistance,
 - 2.5. Durability. and
 - 2.6. Safety.

Compliance with the specific performance based provisions of the International Codes shall be an alternative to the specific requirements of this code.

Where the alternative material, design or method of construction is not *approved*, the *building official* shall respond in writing, stating the reasons why the alternative was not *approved*.

[A] 104.11.1 Research reports. Supporting data, where necessary to assist in the approval of materials or assemblies not specifically provided for in this code, shall consist of valid research reports from approved sources.

ISPSC

[A] 104.10 Alternative materials, design and methods of construction and equipment. The provisions of this code are not intended to prevent the installation of any material or to prohibit any design or method of construction not specifically prescribed by this code, provided that any such alternative has been approved. An alternative material, design or method of construction shall be approved where the *code official* finds that the proposed alternative meets all of the following:

- 1. The alternative material, design or method of construction is satisfactory and complies with the intent of the provisions of this code, and that
- 2. The material, method or work offered is, for the purpose intended, not less than the equivalent of that prescribed in this code-in as it pertains to the following:
 - 2.1. Quality,.
 - 2.2. Strength,
 - 2.3. Effectiveness.
 - 2.4. Fire resistance.
 - 2.5. Durability. and
 - 2.6. Safety.

Where the alternative material, design or method of construction is not *approved*, the *code official* shall respond in writing, stating the reasons why the alternative was not *approved*.

[A] 104.10.1 Research reports. Supporting data, where necessary to assist in the approval of materials or assemblies not specifically provided for in this code, shall consist of valid research reports from approved sources.

IWUIC

- [A] 105.3 Alternative materials, design and methods. The provisions of this code are not intended to prevent the installation of any material or to prohibit any design or method of construction not specifically prescribed by this code, provided that any such alternative has been *approved*. An alternative material, design or method shall be *approved* where the *building official* in concurrence with the fire chief finds that the proposed alternative meets all of the following:
 - The alternative material, design or method of construction is satisfactory and complies with the intent of the provisions of this code, and that
 - 2. The material, method or work offered is, for the purpose intended, not less than the equivalent of that prescribed in this code in as it pertains to the following:
 - 2.1. Quality,
 - 2.2. Strength,
 - 2.3. Effectiveness.
 - 2.4. Fire resistance,
 - 2.5. Durability. and
 - 2.6. Safety.

Where the alternative material, design or method is not *approved*, the *building official* shall respond in writing, stating the reasons why the alternative was not *approved*.

[A] 105.3.1 Research reports. Supporting data, where necessary to assist in the approval of materials or assemblies not specifically provided for in this code, shall consist of valid research reports from approved sources.

IZC - none

IECC - Commercial

SECTION C102 ALTERNATIVE MATERIALS, DESIGN AND METHODS OF CONSTRUCTION AND EQUIPMENT

C102.1 General. The provisions of this code are not intended to prevent the installation of any material or to prohibit any design or method of construction not specifically prescribed by this code, provided that any such alternative has been *approved*. The code official shall have the authority to approve An alternative material, design or method of construction upon the written application of the owner or the owner's authorized agent. shall be approved where The code official shall first find finds that the proposed alternative meets all of the following:

- The alternative material, design or method of construction is satisfactory and complies with the intent of the provisions of this code, and that
- 2. The material, method or work offered is, for the purpose intended, not less than the equivalent of that prescribed in this code in as it pertains to the following:
 - 2.1. Quality ...
 - 2.2. Strength,
 - 2.3. Effectiveness.
 - 2.4. Fire resistance,

- 2.5. Durability.
- 2.6. Energy conservation. and
- 2.6. Safety.

Where the alternative material, design or method is not approved, The code official shall respond to the applicant, in writing, stating the reasons why the alternative was approved or was not approved.

[A] C102.1 Research reports. Supporting data, where necessary to assist in the approval of materials or assemblies not specifically provided for in this code, shall consist of valid research reports from approved sources.

IECC - Residential

SECTION R102 ALTERNATIVE MATERIALS, DESIGN AND METHODS OF CONSTRUCTION AND EQUIPMENT

R102.1 General. The provisions of this code are not intended to prevent the installation of any material or to prohibit any design or method of construction not specifically prescribed by this code, provided that any such alternative has been *approved*. The code official shall have the authority to approve An alternative material, design or method of construction upon the written application of the owner or the owner's authorized agent. shall be approved where The code official shall first find finds that the proposed alternative meets all of the following:

- 1. The alternative material, design or method of construction is satisfactory and complies with the intent of the provisions of this code, and that
- 2. The material, method or work offered is, for the purpose intended, not less than the equivalent of that prescribed in this code-in as it pertains to the following:
 - 2.1. Quality ...
 - 2.2. Strength,
 - 2.3. Effectiveness.
 - 2.4. Fire resistance,
 - 2.5. Durability.
 - 2.6. Energy conservation. and
 - 2.6. Safety.

Where the alternative material, design or method is not approved. The code official shall respond to the applicant, in writing, stating the reasons why the alternative was approved or was not approved.

[A] R102.1 Research reports. Supporting data, where necessary to assist in the approval of materials or assemblies not specifically provided for in this code, shall consist of valid research reports from approved sources.

IGCC

105.4 Innovative approaches and alternative materials, design, and methods of construction and equipment. The provisions of this code are not intended to prevent the installation of any material or to prohibit any design, innovative approach, or method of construction not specifically prescribed by this code, provided that any such alternative has been *approved*. An alternative material, design, innovative approach or method of construction shall be reviewed and approved where the authority having jurisdiction finds that the proposed

- 1. The alternative material, design or method of construction is satisfactory and complies with the intent of the provisions of this code, and that
- 2. The material, design, method or work offered is, for the purpose intended, not less than at least the equivalent of that prescribed in this code in as it pertains to the following:
 - 2.1. Quality.
 - 2.2. Strength.
 - 2.3. Effectiveness.

- 2.4. Fire resistance.
- 2.5. Durability.
- 2.6. Safety.

The details of granting the use of alternative materials, designs, innovative approach and methods of construction shall be recorded and entered in the files of the department.

Where the alternative material, design or method of construction is not approved, the building official shall respond in writing, stating the reasons the alternative was not approved.

105.4.1 Research reports. Supporting data, where necessary to assist in the approval of materials or assemblies not specifically provided for in this code, shall consist of valid research reports from *approved* sources.