UNIFORM BUILDING CODE COMMISSION

Report to the Utah Legislature
Business and Labor Interim Committee

August 20, 2018

Uniform Building Code Commission recommended changes to construction codes under Title 15A, State Construction and Fire Code Act

The following document has the full details and summary of proposed changes to the updated 2018 national building codes and amendments as approved by the Uniform Building Code Commission. There are also several proposed changes to the 2015 International Residential Code. This proposal recommends that the 2018 international codes and amendments be adopted effective July 1, 2019.

A public hearing regarding the proposed building codes was held August 8, 2018 at 9:00 a.m. in Room 341 of the Sandy City Hall, 10000 South Centennial Parkway, Sandy, Utah.

This document has two parts:

Part A – Proposed Building Codes and Amendment Changes recommended by the Uniform Building Code Commission (UBCC) and its advisory committees. It should be noted that the changes are made with strikethrough and underline as if making changes to existing statutes which have adopted the current building codes. This format is used for easier identification of items that are recommended for changes.

Part B – A summary and explanation of the changes proposed in Part A. Included in the summary is a fiscal analysis of each amendment. For amendments which are clarifications or technical changes only and have no fiscal impact, no cost is noted. All new amendments are noted as a "cost increase", "cost savings", or "no cost impact".

PART A

Title 15A. State Construction and Fire Codes Act

Chapter 2
Adoption of State Construction Code

Part 1
General Provisions

15A-2-101 Title -- Adoption of code.

(1) This chapter is known as the "Adoption of State Construction Code."

(2) In accordance with Chapter 1, Part 2, State Construction Code Administration Act, the Legislature repeals the State Construction Code in effect on July 1, 2010, and adopts the

following as the State Construction Code:
(a) this chapter;
(b) Chapter 3, Statewide Amendments Incorporated as Part of State Construction Code; and
(c) Chapter 4, Local Amendments Incorporated as Part of State Construction Code.

Enacted by Chapter 14, 2011 General Session

15A-2-102 Definitions.
As used in this chapter and Chapter 3, Statewide Amendments Incorporated as Part of State Construction Code, and Chapter 4, Local Amendments Incorporated as Part of State Construction Code:
(1) "HUD Code" means the Federal Manufactured Housing Construction and Safety Standards Act, as issued by the Department of Housing and Urban Development and published in 24 C.F.R. Parts 3280 and 3282 (as revised April 1, 1990).
(2) "IBC" means the edition of the International Building Code adopted under Section 15A-2-103.
(3) "IEBC" means the edition of the International Existing Building Code adopted under Section 15A-2-103.
(4) "IECC" means the edition of the International Energy Conservation Code adopted under Section 15A-2-103.
(5) "IFGC" means the edition of the International Fuel Gas Code adopted under Section 15A-2-103.
(6) "IMC" means the edition of the International Mechanical Code adopted under Section 15A-2-103.
(7) "IPC" means the edition of the International Plumbing Code adopted under Section 15A-2-103.
(8) "IRC" means the edition of the International Residential Code adopted under Section 15A-2-103.
(9) "NEC" means the edition of the National Electrical Code adopted under Section 15A-2-103.
(10) "UWUI" means the edition of the Utah Wildland Urban Interface Code adopted under Section 15A-2-103.

Amended by Chapter 249, 2016 General Session

15A-2-103 Specific editions adopted of construction code of a nationally recognized code authority.
(1) Subject to the other provisions of this part, the following construction codes are incorporated by reference, and together with the amendments specified in Chapter 3, Part 3, Statewide Amendments to International Plumbing Code, and Chapter 4, Local Amendments Incorporated as Part of State Construction Code, are the construction standards to be applied to building construction, alteration, remodeling, and repair, and in the regulation of building construction, alteration, remodeling, and repair in the state:
(a) the ~~2015~~ 2018 edition of the International Building Code, including Appendix J, issued by the International Code Council;
(b) the 2015 edition of the International Residential Code, issued by the International Code Council;
(c) the ~~2015~~ 2018 edition of the International Plumbing Code, issued by the International Code Council;

(d) the ~~2015~~ 2018 edition of the International Mechanical Code, issued by the International Code Council;
(e) the ~~2015~~ 2018 edition of the International Fuel Gas Code, issued by the International Code Council;
(f) the 2017 edition of the National Electrical Code, issued by the National Fire Protection Association;
(g) the ~~2015~~ 2018 edition of the International Energy Conservation Code, issued by the International Code Council;
(h) the ~~2015~~ 2018 edition of the International Existing Building Code, issued by the International Code Council;
(i) subject to Subsection 15A-2-104(2), the HUD Code;
(j) subject to Subsection 15A-2-104(1), Appendix E of the 2015 edition of the International Residential Code, issued by the International Code Council; and
(k) subject to Subsection 15A-2-104(1), the 2005 edition of the NFPA 225 Model Manufactured Home Installation Standard, issued by the National Fire Protection Association.

(2) Consistent with Title 65A, Chapter 8, Management of Forest Lands and Fire Control, the Legislature adopts the 2006 edition of the Utah Wildland Urban Interface Code, issued by the International Code Council, with the alternatives or amendments approved by the Utah Division of Forestry, as a construction code that may be adopted by a local compliance agency by local ordinance or other similar action as a local amendment to the codes listed in this section.

Amended by Chapter 249, 2016 General Session

15A-2-104 Installation standards for manufactured housing.

(1) The following are the installation standards for manufactured housing for new installations or for existing manufactured or mobile homes that are subject to relocation, building alteration, remodeling, or rehabilitation in the state:
(a) The manufacturer's installation instruction for the model being installed is the primary standard.
(b) If the manufacturer's installation instruction for the model being installed is not available or is incomplete, the following standards apply:
(i) Appendix E of the 2015 edition of the IRC, as issued by the International Code Council for installations defined in Section AE101 of Appendix E; or
(ii) if an installation is beyond the scope of the 2015 edition of the IRC as defined in Section AE101 of Appendix E, the 2005 edition of the NFPA 225 Model Manufactured Home Installation Standard, issued by the National Fire Protection Association.
(c) A manufacturer, dealer, or homeowner is permitted to design for unusual installation of a manufactured home not provided for in the manufacturer's standard installation instruction, Appendix E of the 2015 edition of the IRC, or the 2005 edition of the NFPA 225, if the design is approved in writing by a professional engineer or architect licensed in Utah.
(d) For a mobile home built before June 15, 1976, the mobile home shall also comply with the additional installation and safety requirements specified in Chapter 3, Part 8, Installation and Safety Requirements for Mobile Homes Built Before June 15, 1976.

(2) Pursuant to the HUD Code Section 604(d), a manufactured home may be installed in the state that does not meet the local snow load requirements as specified in Chapter 3, Part 2, Statewide Amendments to International Residential Code, except that the manufactured home shall have a protective structure built over the home that meets the IRC and the snow load requirements under Chapter 3, Part 2, Statewide Amendments to International Residential Code.

Amended by Chapter 249, 2016 General Session

15A-2-105 Scope of application.

(1) To the extent that a construction code adopted under Section 15A-2-103 establishes a local administrative function or establishes a method of appeal which pursuant to Section 15A-1-207 is designated to be established by the compliance agency:
   (a) that provision of the construction code is not included in the State Construction Code; and
   (b) a compliance agency may establish provisions to establish a local administrative function or a method of appeal.

(2)
   (a) To the extent that a construction code adopted under Subsection (1) establishes a provision, standard, or reference to another code that by state statute is designated to be established or administered by another state agency, or a local city, town, or county jurisdiction:
      (i) that provision of the construction code is not included in the State Construction Code; and
      (ii) the state agency or local government has authority over that provision of the construction code.
   (b) Provisions excluded under this Subsection (2) include:
      (i) the International Property Maintenance Code;
      (ii) the International Private Sewage Disposal Code, authority over which is reserved to the Department of Health and the Department of Environmental Quality;
      (iii) the International Fire Code, authority over which is reserved to the board, pursuant to Section 15A-1-403;
      (iv) a day care provision that is in conflict with Title 26, Chapter 39, Utah Child Care Licensing Act, authority over which is designated to the Utah Department of Health; and
      (v) a wildland urban interface provision that goes beyond the authority under Section 15A-1-204, for the State Construction Code, authority over which is designated to the Utah Division of Forestry or to a local compliance agency.

(3) If a construction code adopted under Subsection 15A-2-103(1) establishes a provision that exceeds the scope described in Chapter 1, Part 2, State Construction Code Administration Act, to the extent the scope is exceeded, the provision is not included in the State Construction Code.

Enacted by Chapter 14, 2011 General Session

Chapter 3
Statewide Amendments Incorporated as Part of State Construction Code

Part 1
Statewide Amendments to International Building Code

15A-3-101 General provision.
The amendments in this part are adopted as amendments to the IBC to be applicable statewide.

Enacted by Chapter 14, 2011 General Session

15A-3-102 Amendments to Chapters 1 through 3 of IBC.

(1) IBC, Section 106, is deleted.

(2) In IBC, Section 110, a new section is added as follows: " 110.3.5.1, Weather-resistant exterior wall envelope. An inspection shall be made of the weather-resistant exterior wall envelope as required by Section ~~1403.2~~ 1404.2, and flashing as required by Section ~~1405.4~~ 1404.4 to prevent water from entering the weather-resistive barrier."

(3) IBC, Section 115.1, is deleted and replaced with the following: "115.1 Authority. Whenever the building official finds any work regulated by this code being performed in a manner either contrary to the provisions of this code or other pertinent laws or ordinances or is dangerous or unsafe, the building official is authorized to stop work."

(4) In IBC, Section 202, the following definition for Ambulatory Surgical Center: "AMBULATORY SURGICAL CENTER. A building or portion of a building licensed by the Utah Department of Health where procedures are performed that may render patients incapable of self-preservation where care is less than 24 hours. See Utah Administrative Code R432-13."

(5) In IBC, Section 202, the following definition is added for Assisted Living Facility: "ASSISTED LIVING FACILITY. See Residential Treatment / Support Assisted Living Facility, Type I Assisted Living Facility, and Type II Assisted Living Facility.

~~(5)~~(6) In IBC, Section 202, the definition for Foster Care Facilities is modified by ~~changing~~ deleting the word "Foster" ~~to~~ and replacing it with the word "Child."

~~(6)~~(7) In IBC, Section 202, the definition for "[F]Record Drawings" is modified by deleting the words "a fire alarm system" and replacing them with "any fire protection system".

~~(7)~~(8) In IBC, Section 202, the following definition is added for Residential Treatment/Support Assisted Living Facility: "RESIDENTIAL TREATMENT/SUPPORT ASSISTED LIVING FACILITY. ~~See Section 308.1.2.~~ A Residential Treatment / Support Assisted Living Facility which creates a group living environment for four or more residents licensed by the Utah Department of Human Services, and provides a protected living arrangement for ambulatory, non-restrained persons who are capable of achieving mobility sufficient to exit the facility without the physical assistance of another person."

~~(8)~~(9) In IBC, Section 202, the following definition is added for Type I Assisted Living Facility: "TYPE I ASSISTED LIVING FACILITY. ~~See Section 308.1.2.~~ A residential facility licensed by the Utah Department of Health that provides a protected living arrangement, assistance with activities of daily living and social care to two or more ambulatory, non-restrained persons who are capable of mobility sufficient to exit the facility without the assistance of another person. Subcategories shall be:

Limited Capacity, two to five residents;

Small, six to sixteen residents;
Large, over sixteen residents."

~~(9)~~(10) In IBC, Section 202, the following definition is added for Type II Assisted Living Facility: "Type II, ASSISTED LIVING FACILITY. A residential facility licensed by the Utah Department of Health that provides an array of coordinated supportive personal and health care services to two or more residents who are:

A. Physically disabled but able to direct his or her own care; or
B. Cognitively impaired or physically disabled but able to evacuate from the facility, or to a zone or area of safety, with the physical assistance of one person. Subcategories shall be:

Limited Capacity, two to five residents;
Small, six to sixteen residents;
Large, over sixteen residents."

~~(10)~~(11) In IBC, Section 305.2, the following changes are made:

(a) "Delete the words "more than five children older than 2½ years of age" and replace with the words "five or more children 2 years of age or older";
(b) After the word "supervision" insert the words "child care services";
(c) Add the following sentence at the end of the paragraph: "See Section 429 for special requirements for Day Care."

~~words "child care centers," are inserted after the word "supervision," and following sentence is added at the end of the paragraph: "See Section 425 for special requirements for Day Care."~~

~~(11)~~(12) In IBC, Section 305.2.2 and 305.2.3, the word "five" is deleted and replaced with the word "four" in ~~both~~ all places.

~~(12)~~(13) A new IBC Section 305.2.4 is added as follows: "305.2.4 ~~Child Day Care --~~ Residential Certificate Child Care and Licensed ~~or a~~ Family Child Care ~~License~~. Areas used as a Residential Certificate Child Care as defined ~~for child day care purposes with a Residential Certificate~~ in the Utah Administrative Code R430-50 or as a Licensed Family Child Care ~~License~~, as defined in Utah Administrative Code, R430-90, ~~Licensed Family Child Care,~~ may be located in a Group R-2 or R-3 occupancy as provided in Section ~~310.5~~ 310.3 and 310.4 or shall comply with the International Residential Code in accordance with Section R101.2."

~~(13)~~(14) A new IBC Section 305.2.5 is added as follows: "305.2.5 Child Care ~~Centers~~. Areas used ~~for~~ as Hourly Child Care Centers, as defined in Utah Administrative Code, ~~R430-60~~ R381-60, Child Care Center as defined in Utah Administrative Code, ~~R430-100~~ R381-100, or Out of School Time Programs, as defined in Utah Administrative Code, ~~R430-70~~ R381-70, may be classified as accessory occupancies subject to the provisions in Section 508.2."

~~(14)~~(15) In IBC, Table 307.1(1), footnote "d" is added to the row for ~~Consumer fireworks~~ Explosives, Division 1.4G in the column titled STORAGE - Solid Pounds (cubic feet).

(16) In IBC, Section 308.2, in the list of items under "This group shall include", the words "Type-I Large and Type-II Small, see Section 308.2.5" are added after "Assisted living facilities".

~~(15) In IBC, Section 308.2, the word "FOSTER" is deleted and replaced with "CHILD."~~

~~(16) A new IBC Section 308.2.1 is added as follows: "308.2.1 Assisted living facilities and related occupancies. The following words and terms shall, for the purposes of this section and as used elsewhere in this code, have the meanings shown herein.~~

~~TYPE I ASSISTED LIVING FACILITY. A residential facility licensed by the Utah Department of Health that provides a protected living arrangement for ambulatory, non-restrained persons who are capable of achieving mobility sufficient to exit the facility without the assistance of~~

~~another person.~~

~~Occupancies. Limited capacity, type I assisted living facilities with two to five residents shall be classified as R-3 occupancies. Small, type I assisted living facilities with six to sixteen residents shall be classified as R-4 occupancies. Large, type I assisted living facilities with over sixteen residents shall be classified as I-1 occupancies.~~

~~TYPE II ASSISTED LIVING FACILITY. A residential facility licensed by the Utah Department of Health that provides an array of coordinated supportive personal and health care services to residents who meet the definition of semi-independent.~~

~~Semi-Independent. A person who is:~~

~~A. Physically disabled but able to direct his or her own care; or~~

~~B. Cognitively impaired or physically disabled but able to evacuate from the facility with the physical assistance of one person.~~

~~Occupancies. Limited capacity, type II assisted living facilities with two to five residents shall be classified as R-4 occupancies. Small, type II assisted living facilities with six to sixteen residents shall be classified as I-1 occupancies. Large, type II assisted living facilities with over sixteen residents shall be classified as I-2 occupancies.~~

~~RESIDENTIAL TREATMENT/SUPPORT ASSISTED LIVING FACILITY. A residential treatment/support assisted living facility which creates a group living environment for four or more residents licensed by the Utah Department of Human Services, and provides a protected living arrangement for ambulatory, non-restrained persons who are capable of achieving mobility sufficient to exit the facility without the physical assistance of another person."~~

~~(17) In IBC, Section 308.3, the words "(see Section 308.2.1)" are added after the words "assisted living facilities."~~

(~~18~~)(17) In IBC, Section ~~308.3.~~4 308.2.4, all of the words after the first words "International Residential Code" are deleted.

(18) A new IBC, Section 308.2.5 is added as follows:

"308.2.5 Group I-1 assisted living facility occupancy groups. The following occupancy groups shall apply to assisted living facilities:

Type I assisted living facilities with seventeen or more residents are Large Facilities classified as an Institutional Group I-1, Condition 1 occupancy.

Type II assisted living facilities with six to sixteen residents are Small Facilities classified as an Institutional Group I-1, Condition 2 occupancy. See Section 202 for definitions."

(19) In IBC, Section 308.3 Institutional Group I-2, the following changes are made:

(a) The words "more than five" are deleted and replaced with "four or more".

(b) The group "Assisted living facilities, Type –II Large" is added to the list of groups;

(c) The words "Foster care facilities" are deleted and replaced with the words "Child care facilities";

(d) The words "(both intermediate care facilities and skilled nursing facilities)" are added after "Nursing homes".

20) In IBC, Section 308.3.2, the number "five" is deleted and replaced with the number "four" in each location."

(21) A new IBC, Section 308.3.3 is added as follows:

"308.3.3 Group I-2 assisted living facilities. Type II assisted living facilities with seventeen or more residents are Large Facilities classified as an Institutional Group I-2, Condition 1 occupancy. See Section 202 for Definitions."

~~(19) In IBC, Section 308.4, the following changes are made:~~

~~(a) The words "five persons" are deleted and replaced with the words "three persons."~~

~~(b) The words "foster care facilities" are deleted and replaced with "child care facilities."~~
~~(c) The words "(both intermediate care facilities and skilled nursing facilities)" are added after "nursing homes."~~

~~(20) In IBC, Section 308.4.2, the word "five" is deleted and replaced with the word "three" in both places.~~

(~~21~~22) In IBC, Section ~~308.6~~ 308.5, the words "more than five" ~~is~~ are deleted and replaced with the words "~~four~~ five or more."

(~~22~~23) In IBC, Section ~~308.6.1~~ 308.5.1, the following changes are made:
(a) ~~The word "five" is deleted and replaced with the word "four."~~ The words "more than five" are deleted and replaced with the words "five or more".
(b) The words "2-1/2 years or less of age" are deleted and replaced with "under the age of two."
(c) The following sentence is added at the end: "See Section ~~427~~ 429 for special requirements for Day Care."

(~~23~~24) In IBC, Sections ~~308.6.3~~ 308.5.3 and ~~308.6.4~~ 308.5.4, the words "five or fewer" ~~is~~ are deleted and replaced with the words "four or fewer" in both places and the following sentence is added at the end: "See Section ~~427~~ 429 for special requirements for Day Care."

(~~24~~25) In IBC, Section ~~310.5~~ 310.4, the following changes are made:
(a) The words "and single family dwellings complying with the IRC" are added after "Residential Group-3 occupancies."
(b) The words "Assisted Living Facilities, limited capacity" are added to the list of occupancies:

(~~25~~26) In IBC, Section ~~310.5.1~~ 310.4.1, the following changes are made:
(a) The words "other than Child Care" are inserted after the words "~~dwelling~~ Care facilities" in the first sentence. ~~and~~
(b) All of the words after the first "International Residential Code" are deleted.
(c) ~~t~~The following sentence is added at the end of the paragraph: "See Section ~~427~~ 429 for special requirements for Child Day Care."

(~~26~~27) A new IBC Section ~~310.5.3~~ 310.4.3 is added as follows: "~~310.5.3~~ 310.4.3 Child Care. Areas used for child care purposes may be located in a residential dwelling unit under all of the following conditions and Section ~~427~~429:
1. Compliance with Utah Administrative Code, R710-8, Day Care Rules, as enacted under the authority of the Utah Fire Prevention Board.
2. Use is approved by the Utah Department of Health, as enacted under the authority of the Utah Code, Title 26, Chapter 39, Utah Child Care Licensing Act, and in any of the following categories:
   a. Utah Administrative Code, R430-50, Residential Certificate Child Care.
   b. Utah Administrative Code, R430-90, Licensed Family Child Care.
3. Compliance with all zoning regulations of the local regulator."

~~(27) In IBC, Section 310.6, the words "(see Section 308.2.1)" are added after "assisted living facilities."~~

(28) A new IBC, Section 310.4.4 is added as follows: 310.4.4 Assisted living facilities. Type I assisted living facilities with two to five residents are Limited Capacity facilities classified as a Residential Group R-3 occupancy or are permitted to comply with the International Residential Code. See Section 202 for Definitions.

(29) In IBC Section 310.5 the words “Type II Limited Capacity and Type I Small, see Section 310.5.3” are added after the words “assisted living facilities”.

(30) A new IBC Section 310.5.3 is added as follows: 310.5.3 Group R-4 Assisted Living Facility occupancy groups. The following occupancy groups shall apply to Assisted Living Facilities:
Type II Assisted Living Facilities with two to five residents are Limited Capacity Facilities classified as a Residential Group R-4, Condition 2 occupancy.
Type I assisted living facilities with six to sixteen residents are Small facilities classified as Residential Group R-4, Condition 1 occupancies. See Section 202 for Definitions.

Amended by Chapter 249, 2016 General Session

15A-3-103 Amendments to Chapters 4 through 6 of IBC.

(1) IBC Section 403.5.5 is deleted.

(2) In IBC, Section 407.2.5, the words “and assisted living facility” are added in the title and first sentence after the words “nursing home”.

(3) In IBC, Section 407.2.6, the words “and assisted living facility” are added in the title after the words “nursing home”.

(4) In IBC, Section 407.11, a new exception is added as follows:
“Exception: An essential electrical system is not required in assisted living facilities.”

~~(2)~~(5) ~~In~~ A new IBC, Section 422.2.1, ~~a new paragraph~~ is added as follows: “422.2.1 Separations: Ambulatory care facilities licensed by the Utah Department of Health shall be separated from adjacent tenants with a fire partition having a minimum one hour fire-resistance rating. Any level below the level of exit discharge shall be separated from the level of exit discharge by a horizontal assembly having a minimum one hour fire-resistance rating.
Exception: A fire barrier is not required to separate the level of exit discharge when:
1. Such levels are under the control of the Ambulatory Care Facility.
2. Any hazardous spaces are separated by horizontal assembly having a minimum one hour fire-resistance rating.”

~~(3)~~(6) A new IBC Section ~~427~~ 429, Day Care, is added as follows:
“ ~~427.1~~ 429.1 Detailed Requirements. In addition to the occupancy and construction requirements in his code, the additional provisions of this section shall apply to all Day Care in accordance with Utah Administrative Code R710-8 Day Care Rules.
~~427.2~~ 429.2 Definitions.
~~427.2.1~~ 429.2.1 Authority Having Jurisdiction (AHJ): State Fire Marshal, his duly authorized deputies, or the local fire enforcement authority code official.
~~427.2.2~~ 429.2.2 Day Care Facility: Any building or structure occupied by clients of any age who receive custodial care for less than 24 hours by individuals other than parents, guardians, relatives by blood, marriage or adoption.
~~427.2.3~~ 429.2.3 Day Care Center: Providing care for five or more clients in a place other than the home of the person cared for. This would also include Child Care Centers, Out of School Time or Hourly Child Care Centers licensed by the Department of Health.
~~427.2.4~~ 429.2.4 Family Day Care: Providing care for clients listed in the following two groups:
~~427.2.4.1~~ 429.2.4.1 Type 1: Services provided for five to eight clients in a home. This would also include a home that is certified by the Department of Health as Residential Certificate Child Care or licensed as Family Child Care.
~~427.2.4.2~~ 429.2.4.2 Type 2: Services provided for nine to sixteen clients in a home with

sufficient staffing. This would also include a home that is licensed by the Department of Health as Family Child Care.

~~427.2.5~~ 429.2.5 R710-8: Utah Administrative Code, R710-8, Day Care Rules, as enacted under the authority of the Utah Fire Prevention Board.

~~427.3~~ 429.3 Family Day Care.

~~427.3.1~~ 429.3.1 Family Day Care units shall have on each floor occupied by clients, two separate means of egress, arranged so that if one is blocked the other will be available.

~~427.3.2~~ 429.3.2 Family Day Care units that are located in the basement or on the second story shall be provided with two means of egress, one of which shall discharge directly to the outside.

~~427.3.2.1~~ 429.3.2.1 Residential Certificate Child Care and Licensed Family Child Care with five to eight clients in a home, located on the ground level or in a basement, may use an emergency escape or rescue window as allowed in IFC, Chapter 10, Section 1030.

~~427.3.3~~ 429.3.3 Family Day Care units shall not be located above the second story.

~~427.3.4~~ 429.3.4 In Family Day Care units, clients under the age of two shall not be located above or below the first story.

~~427.3.4.1~~ 429.3.4.1 Clients under the age of two may be housed above or below the first story where there is at least one exit that leads directly to the outside and complies with IFC, Section 1011 or Section 1012 or Section 1027.

~~427.3.5~~ 429.3.5 Family Day Care units located in split entry/split level type homes in which stairs to the lower level and upper level are equal or nearly equal, may have clients housed on both levels when approved by the AHJ.

~~427.3.6~~ 429.3.6 Family Day Care units shall have a portable fire extinguisher on each level occupied by clients, which shall have a classification of not less than 2A:10BC, and shall be serviced in accordance with NFPA, Standard 10, Standard for Portable Fire Extinguishers.

~~427.3.7~~ 429.3.7 Family Day Care units shall have single station smoke detectors in good operating condition on each level occupied by clients. Battery operated smoke detectors shall be permitted if the facility demonstrates testing, maintenance, and battery replacement to insure continued operation of the smoke detectors.

~~427.3.8~~ 429.3.8 Rooms in Family Day Care units that are provided for clients to sleep or nap, shall have at least one window or door approved for emergency escape.

~~427.3.9~~ 429.3.9 Fire drills shall be conducted in Family Day Care units quarterly and shall include the complete evacuation from the building of all clients and staff. At least annually, in Type I Family Day Care units, the fire drill shall include the actual evacuation using the escape or rescue window, if one is used as a substitute for one of the required means of egress.

~~427.4~~ 429.4 Day Care Centers.

~~427.4.1~~ 429.4.1 Day Care Centers shall comply with either I-4 requirements or E requirements of the IBC, whichever is applicable for the type of Day Care Center.

~~427.4.2~~ 429.4.2 Emergency Evacuation Drills shall be completed as required in IFC, Chapter 4, Section 405.

~~427.4.3~~ 429.4.3 Location at grade. Group E child day care centers shall be located at the level of exit discharge.

~~427.4.3.1~~ 429.4.3.1 Child day care spaces for children over the age of 24 months may be located on the second floor of buildings equipped with automatic fire protection throughout and an automatic fire alarm system.

~~427.4.4~~ 429.4.4 Egress. All Group E child day care spaces with an occupant load of more than 10 shall have a second means of egress. If the second means of egress is not an exit door leading directly to the exterior, the room shall have an emergency escape and rescue window complying with Section 1030.

~~427.4.5~~ 429.4.5 All Group E Child Day Care Centers shall comply with Utah Administrative Code, R430-100 Child Care Centers, R430-60 Hourly Child Care Centers, and R430-70 Out of School Time.

~~427.5~~ 429.5 Requirements for all Day Care.

~~427.5.1~~ 429.5.1 Heating equipment in spaces occupied by children shall be provided with partitions, screens, or other means to protect children from hot surfaces and open flames.

~~427.5.2~~ 429.5.2 A fire escape plan shall be completed and posted in a conspicuous place. All staff shall be trained on the fire escape plan and procedure."

~~(4)~~(7) In IBC, Section 504.4, a new section is added as follows: "504.4.1 Notwithstanding the exceptions to Section 504.2, Group I-2 Assisted Living Facilities shall be allowed on each level of a two-story building of Type V-A construction when all of the following apply:

1. All secured units are located at the level of exit discharge in compliance with Section 1010.1.9.3 as amended;
2. The total combined area of both stories shall not exceed the total allowable area for a one-story building; and
3. All other provisions that apply in Section 407 have been provided."

(8) In IBC, Section 504.4, a new section is added as follows: "504.4.1 Group I-2 Assisted Living Facilities. Notwithstanding the allowable number of stories permitted by Table 504.4 Group I-2 Assisted Living Facilities of Type VA construction shall be allowed on each level of a two-story building when all of the following apply:

1. The total combined area of both stories shall not exceed the total allowable area for a one-story, above grade plane building equipped throughout with an automatic sprinkler system installed in accordance with Section 903.3.1.1 and
2. All other provision that apply in Section 407 have been provided.

(9) A new IBC, Section 504.5, is added as follows: "504.5 Group 1-2 Secured areas in Assisted Living Facilities. In Type IIIB, IV and V construction, all areas for the use and care of residents required to be secured shall be located on the level of exit discharge with door operations in compliance with Section 1010.1.9.7 as amended."

Amended by Chapter 249, 2016 General Session

15A-3-104 Amendments to Chapters 7 through 9 of IBC.

(1) In IBC, Section 704.13.2, the following sentence is added to the end of the section: "An individual spraying fire-resistant materials may obtain a certificate that demonstrates that the individual has undergone training on how to spray fire-resistant materials to manufacturer's specifications."

(2) IBC, Section (F)~~901.8~~ 902.1, is deleted and replaced with the following: "(F)~~901.8~~902.1 Pump and riser room size. Fire pump and automatic sprinkler system riser rooms shall be designed with adequate space for all installed equipment necessary for the installation and to provide sufficient working space around the stationary equipment. Clearances around equipment shall be in accordance with manufacturer requirements and not less than the following minimum

elements:

~~901.8.1~~ 902.1.5 A minimum clear and unobstructed distance of 12-inches shall be provided from the installed equipment to the elements of permanent construction.

~~901.8.2~~ 902.1.6 A minimum clear and unobstructed distance of 12-inches shall be provided between all other installed equipment and appliances

~~901.8.3~~ 902.1.7 A clear and unobstructed width of 36-inches shall be provided in front of all installed equipment and appliances, to allow for inspection, service, repair or replacement without removing such elements of permanent construction or disabling the function of a required fire-resistance-rated assembly.

~~901.8.4~~ 902.1.8 Automatic sprinkler system riser rooms shall be provided with a clear and unobstructed passageway to the riser room of not less than 36-inches, and openings into the room shall be clear and unobstructed, with doors swinging in the outward direction from the room and the opening providing a clear width of not less than 34-inches and a clear height of the door opening shall not be less than 80-inches.

~~901.8.5~~ 902.1.9 Fire pump rooms shall be provided with a clear and unobstructed passageway to the fire pump room of not less than 72-inches, and openings into the room shall be clear, unobstructed and large enough to allow for the removal of the largest piece of equipment, with doors swinging in the outward direction from the room and the opening providing a clear width of not less than 68-inches and a clear height of the door opening shall not be less than 80-inches."

(3) In IBC, Section (F)903.2.2, the words "the entire floor" are deleted and replaced with "a building" and the last paragraph is deleted.

(4) IBC, Section (F)903.2.4, condition 2, is deleted and replaced with the following: "2. A Group F-1 fire area is located more than three stories above the lowest level of fire department vehicle access."

(5) IBC, Section (F)903.2.7, condition 2, is deleted and replaced with the following: "2. A Group M fire area is located more than three stories above the lowest level of fire department vehicle access."

(6) IBC, Sections (F)903.2.8, (F)903.2.8.1, and (F)903.2.8.2, ~~and (F)903.2.8.4~~, are deleted and replaced with the following: "(F)903.2.8 Group R. An automatic sprinkler system installed in accordance with Section 903.3 shall be provided throughout all buildings with a Group R fire area.

Exceptions:

1. Detached one- and two-family dwellings and multiple single-family dwellings (townhouses) constructed in accordance with the International Residential Code For One- and Two-Family Dwellings.
2. Single story Group R-1 occupancies with fire areas not more than 2,000 square feet that contain no installed plumbing or heating, where no cooking occurs, and constructed of Type I-A, I-B, II-A, or II-B construction."

(7) IBC, Section~~s~~ (F)903.2.8.3 ~~and (F)903.2.8.3.1, are~~ is renumbered to (F)903.2.8.1 ~~and (F)903.2.8.1.1.~~and the following exception is added;

~~(8) IBC, Section (F)903.2.8.3.2, is renumbered to (F)903.2.8.1.2 and the following exception is added:~~

"Exception: Group R-4 fire areas not more than 4,500 gross square feet and not containing more than 16 residents, provided the building is equipped throughout with an approved fire alarm system that is interconnected and receives its primary power from the building wiring and a commercial power system."

(~~9~~8) IBC, Section (F)903.2.8.4, is deleted.

(~~10~~9) IBC, Section (F)903.2.9, condition 2, is deleted and replaced with the following: "2. A Group S-1 fire area is located more than three stories above the lowest level of fire department vehicle access."

(~~11~~10) IBC, Section (F)904.12, is deleted and replaced with the following: " (F)904.12 Commercial cooking systems. The automatic fire-extinguishing system for commercial cooking systems shall be of a type recognized for protection of commercial cooking equipment and exhaust systems. Pre-engineered automatic extinguishing systems shall be tested in accordance with UL 300 and listed and labeled for the intended application. The system shall be installed in accordance with this code, its listing and the manufacturer's installation instructions. Exception: Factory-built commercial cooking recirculating systems that are tested in accordance with UL 710B and listed, labeled, and installed in accordance with Section 304.1 of the International Mechanical Code."

(~~12~~11) IBC, Sections (F)904.12.3, (F)904.12.3.1, (F)904.12.4, and (F)904.12.4.1, are deleted.

(~~13~~12) In IBC, Section 905, a new subsection, Section (F)905.3.9, is added as follows: "Open Parking Garages. Open parking garages shall be equipped with an approved Class 1 manual standpipe system when fire department access is not provided for firefighting operations to within 150 feet of all portions of the open parking garage as measured from the approved fire department vehicle access. Class 1 manual standpipe shall be accessible throughout the parking garage such that all portions of the parking structure are protected within 150 feet of a hose connection."

(~~14~~13) In IBC, Section (F)905.8, the exception is deleted and replaced with the following: "Exception: Where subject to freezing and approved by the fire code official."

(~~15~~14) In IBC, Section (F)907.2.3 Group E, ~~the first sentence~~ is deleted and rewritten as follows: "A manual fire alarm system that ~~activates~~ initiates the occupant notification signal utilizing an emergency voice/alarm communication system ~~in accordance with~~ meeting the requirements of Section (F)907.5.2.2, or a manual fire alarm system that initiates an approved audible and visual occupant notification signal meeting the requirements of Sections (F)907.5.2.1, (F)907.5.2.1.1, (F)907.5.2.2, (F)907.5.2.3, and ~~shall be~~ installed~~,~~ in accordance with Section (F)907.6 shall be installed in Group E occupancies. Where automatic sprinkler systems or detectors are installed, such systems or detectors shall be connected to the building fire alarm system. ~~and administrative rules made by the State Fire Prevention Board in Group E occupancies.~~"

(~~16~~15) IBC, Sections (F)915 through (F)915.6, are deleted and replaced with the following:

"(F)915 Where required.

Group I-1, I-2, I-4, and R occupancies located in a building containing a fuel-burning appliance or in a building that has an attached garage shall be equipped with single-station carbon monoxide alarms. The carbon monoxide alarms shall be listed as complying with UL 2034 or UL 2075 and be installed and maintained in accordance with NFPA 720 and the manufacturer's instructions. An open parking garage, as defined in Chapter 2, or an enclosed parking garage, ventilated in accordance with Section 404 of the International Mechanical Code, shall not be considered an attached garage. A minimum of one carbon monoxide alarm shall be installed on each habitable level.

(F) 915.1 Interconnection.

Where more than one carbon monoxide alarm is required to be installed within Group I-1, I-2, I-4, or R occupancies, the carbon monoxide alarm shall be interconnected in such a manner that the activation of one alarm will activate all of the alarms. Physical

interconnection of carbon monoxide alarms shall not be required where listed wireless alarms are installed and all alarms sound upon activation of one alarm. The alarm shall be clearly audible in all bedrooms over background noise levels with all intervening doors closed.

(F) 915.2 Power source.

In new construction, required carbon monoxide alarms shall receive their primary power from the building wiring where such wiring is served from a commercial source and shall be equipped with a battery backup. Carbon monoxide alarms with integral strobes that are not equipped with a battery backup shall be connected to an emergency electrical system. Carbon monoxide alarms shall emit a signal when the batteries are low. Wiring shall be permanent and without a disconnecting switch other than as required for overcurrent protection.

Exceptions.

1. Carbon monoxide alarms are not required to be equipped with a battery backup where they are connected to an emergency electrical system.
2. Hard wiring of carbon monoxide alarms in existing areas shall not be required where the alterations or repairs do not result in the removal of interior wall or ceiling finishes exposing the structure, unless there is an attic, crawl space, or basement available that could provide access for hard wiring without the removal of interior finishes.

(F) 915.3 Group E.

A carbon monoxide detection system shall be installed in new buildings that contain Group E occupancies in accordance with IFC, Chapter 9, Section 915. A carbon monoxide detection system shall be installed in existing buildings that contain Group E occupancies in accordance with IFC, Chapter 11, Section 1103.9.

(F) 915.3.1 Where required.

In Group E occupancies, a carbon monoxide detection system shall be provided where a fuel-burning appliance, a fuel-burning fireplace, or a fuel-burning forced air furnace is present.

(F) 915.3.2 Detection equipment.

Each carbon monoxide detection system shall be installed in accordance with NFPA 720 and the manufacturer's instructions and be listed as complying with, for single station detectors, UL 2034 and, for system detectors, UL 2075.

(F) 915.3.3 Locations.

Each carbon monoxide detection system shall be installed in the locations specified in NFPA 720.

(F) 915.3.4 Combination detectors.

A combination carbon monoxide/smoke detector is an acceptable alternative to a carbon monoxide detection system if the combination carbon monoxide/smoke detector is listed in accordance with UL 2075 and UL 268.

(F) 915.3.5 Power source.

Each carbon monoxide detection system shall receive primary power from the building wiring if the wiring is served from a commercial source. If primary power is interrupted, each carbon monoxide detection system shall receive power from a battery. Wiring all be permanent and without a disconnecting switch other than that required for overcurrent protection.

(F) 915.3.6 Maintenance.

Each carbon monoxide detection system shall be maintained in accordance with NFPA 720. A carbon monoxide detection system that becomes inoperable or begins to produce end of life signals shall be replaced."

Amended by Chapter 249, 2016 General Session

15A-3-105 Amendments to Chapters 10 through 12 of IBC.

(1) In IBC, Section ~~1010.1.9.6~~ 1010.1.9.7, a new number 9 is added as follows: " 9. The secure area or unit with special egress locks shall be located at the level of exit discharge in Type IIIB, IV, and V construction."

(2) In IBC, Section 1011.5.2, exception 3 is deleted and replaced with the following: " 3. In Group R-3 occupancies, within dwelling units in Group R-2 occupancies, and in Group U occupancies that are accessory to a Group R-3 occupancy, or accessory to individual dwelling units in Group R-2 occupancies, the maximum riser height shall be 8 inches (203 mm) and the minimum tread depth shall be 9 inches (229 mm). The minimum winder tread depth at the walk line shall be 10 inches (254 mm), and the minimum winder tread depth shall be 6 inches (152 mm). A nosing not less than 0.75 inch (19.1 mm) but not more than 1.25 inches (32 mm) shall be provided on stairways with solid risers where the tread depth is less than 10 inches (254 mm)."

(3) In IBC, Section 1011.11, a new exception 5 is added as follows: " 5. In occupancies in Group R-3, as applicable in Section 101.2 and in occupancies in Group U, which are accessory to an occupancy in Group R-3, as applicable in Section 101.2, handrails shall be provided on at least one side of stairways consisting of four or more risers."

(4) In IBC, Section 1013.5, the words ", including when the building may not be fully occupied" are added at the end of the sentence.

(5) IBC, Section 1025, is deleted.

(6) In IBC, Section ~~1029.14~~ 1029.15, exception 2 is deleted.

~~(7) In IBC, Section 1109.8, the following words "shall be capable of operation without a key and" are inserted in the second sentence between the words "lifts" and "shall".~~

~~(8)~~(7) In IBC, Section ~~1208.4~~ 1207.4, subparagraph 1 is deleted and replaced with the following: "1. The unit shall have a living room of not less than 165 square feet (15.3 m2) of floor area. An additional 100 square feet (9.3 m2) of floor area shall be provided for each occupant of such unit in excess of two."

Amended by Chapter 249, 2016 General Session

15A-3-106 Amendments to Chapters 13 through 15 of IBC.

IBC, Chapters 13, 14, and 15 are not amended.

Amended by Chapter 249, 2016 General Session

15A-3-107 Amendments to Chapter 16 of IBC.

(1) In IBC, Table 1604.5, Risk Category III, in the sentence that begins "Group I-2 Condition 1," a new footnote c is added as follows: "c. Type II Assisted Living Facilities that are I-2 Condition 1 occupancy classifications in accordance with Section 308 shall be Risk Category II in this table."

(2) In IBC, Section 1605.2, in the portion of the definition for the value of f2, the words "and 0.2 for

other roof configurations" are deleted and replaced with the following: "f2 = 0.20 + .025(A-5) for other configurations where roof snow load exceeds 30 psf;
f2 = 0 for roof snow loads of 30 psf (1.44kN/m^2) or less.
Where A = Elevation above sea level at the location of the structure (ft./1,000)."

(3) In IBC, Sections 1605.3.1 and 1605.3.2, exception 2 in each section is deleted and replaced with the following: "2. Flat roof snow loads of 30 pounds per square foot (1.44 kNm^2) or less need not be combined with seismic loads. Where flat roof snow loads exceed 30 pounds per square foot (1.44 kNm^2), the snow loads may be reduced in accordance with the following in load combinations including both snow and seismic loads. ~~Ws~~ S as calculated below, shall be combined with seismic loads.
~~Ws~~ S = (0.20 + 0.025(A-5))Pf is greater than or equal to 0.20 Pf.
Where:
~~Ws~~ S = Weight of snow to be ~~included~~ used in combination with seismic ~~calculations~~ loads
A = Elevation above sea level at the location of the structure (ft./1,000)
Pf = Design roof snow load, psf.
For the purpose of this section, snow load shall be assumed uniform on the roof footprint without including the effects of drift or sliding. The Importance Factor, I, used in calculating Pf may be considered 1.0 for use in the formula for Ws".

(4) IBC, Section 1608.1, is deleted and replaced with the following: "1608.1 General. Except as modified in Sections 1608.1.1, 1608.1.2, and 1608.1.3, design snow loads shall be determined in accordance with Chapter 7 of ASCE 7, but the design roof load shall not be less than that determined by Section 1607. Where the minimum live load, in accordance with Section 1607, is greater than the design roof snow load, pf, such live load shall be used for design, however, it shall not be reduced to a load lower than the design roof snow load. Drifting need not be considered for roof snow loads, pf, less than 20 psf."

(5) A new IBC, Section 1608.1.1, is added as follows: "1608.1.1 Ice Dams and Icicles along Eaves. Section 7.4.5 of Chapter 7 of ASCE 7 referenced in IBC Section 1608.1 ~~of the IBC~~ is deleted and replaced with the following: ~~Section~~ 7.4.5 Ice Dams and Icicles Along Eaves. Where ground snow loads exceed 75 psf, eaves shall be capable of sustaining a uniformly distributed load of 2pf on all overhanging portions. No other loads except dead loads shall be present on the roof when this uniformly distributed load is applied. All building exits under down-slope eaves shall be protected from sliding snow and ice."

(6) ~~In~~ A new IBC, Section 1608.1.2, ~~a new section~~ is added as follows: "1608.1.2 ~~Utah Snow Loads~~ Thermal Factor. ~~The snow loads specified in Table 1608.1.2(b) shall be used for the jurisdictions identified in that table. Otherwise, the ground snow load, Pg, to be used in the determination of design snow loads for buildings and other structures shall be determined by using the following formula: $Pg = (Po^2 + S^2(A-Ao)^2)^{0.5}$ for A greater than Ao, and Pg = Po for A less than or equal to Ao.~~
~~WHERE:~~
~~Pg = Ground snow load at a given elevation (psf);~~
~~Po = Base ground snow load (psf) from Table No. 1608.1.2(a);~~
~~S = Change in ground snow load with elevation (psf/100 ft.) From Table No. 1608.1.2(a);~~
~~A = Elevation above sea level at the site (ft./1,000);~~
~~Ao = Base ground snow elevation from Table 1608.1.2(a) (ft./1,000).~~
~~The building official may round the roof snow load to the nearest 5 psf. The ground snow load, Pg, may be adjusted by the building official when a licensed engineer or architect submits data substantiating the adjustments.~~

~~Where the minimum roof live load in accordance with Section 1607.12 is greater than the design roof snow load, such roof live load shall be used for design, however, it shall not be reduced to a load lower than the design roof snow load. Drifting need not be considered for roof snow loads less than 20 psf.~~ The value for the thermal factor, C_t, used in calculation of p_f shall be determined from Table 7.3-2 in ASCE 7. Exception: Except for unheated structures, the value of C_t need not exceed 1.0 when ground snow load, p_g, is calculated using Section 1608.2.1."

(7) A new IBC, Section 1608.1.3 is added as follows: "1608.1.3 Drifts on Adjacent Structures. Section 7.7.2 of ASCE 7 referenced in IBC, Section 1608.1, is deleted and replaced with the following: 7.7.2 Adjacent Structures. At lower adjacent structures, the requirements of Section 7.7.1 shall be used to calculate windward and leeward drifts. The resulting drift is permitted to be truncated."

(8) A new IBC, Section 1608.2.1 is added as follows: "1608.2.1 Utah Ground Snow Loads. Section 7.2 of ASCE 7 referenced in IBC, Section 1608.1 is modified as follows:

(a) In paragraph 1, modify text as follows: "Site specific case studies shall. . . (see also Tables 7.2-2 through 7.2-9).

(b) On Figure 7.2-1, remove CS and other ground snow load values in the state of Utah. Add red shaded region for the state of Utah with the following note, "See note for Utah".

(c) On Figure 7.2-1, modify note as follows, "Note… for New Hampshire; see Table 7.2-9 for Utah.

(d) Add Table 7-2.9 as follows:

~~(7) IBC, Table 1608.1.2(a) and Table 1608.1.2(b), are added as follows:~~

~~"TABLE NO. 1608.1.2(a)~~

~~STATE OF UTAH - REGIONAL SNOW LOAD FACTORS~~

~~COUNTY~~	~~Po~~	~~S~~	~~Ao~~
~~Beaver~~	~~43~~	~~63~~	~~6.2~~
~~Box Elde~~	~~43~~	~~63~~	~~5.2~~
~~Cache~~	~~50~~	~~63~~	~~4.5~~
~~Carbon~~	~~43~~	~~63~~	~~5.2~~
~~Daggett~~	~~43~~	~~63~~	~~6.5~~
~~Davis~~	~~43~~	~~63~~	~~4.5~~
~~Duchesn~~	~~43~~	~~63~~	~~6.5~~
~~Emery~~	~~43~~	~~63~~	~~6.0~~
~~Garfield~~	~~43~~	~~63~~	~~6.0~~
~~Grand~~	~~36~~	~~63~~	~~6.5~~
~~Iron~~	~~43~~	~~63~~	~~5.8~~
~~Juab~~	~~43~~	~~63~~	~~5.2~~
~~Kane~~	~~36~~	~~63~~	~~5.7~~

Millard	43	63	5.3
Morgan	57	63	4.5
Piute	43	63	6.2
Rich	57	63	4.1
Salt Lake	43	63	4.5
San Juan	43	63	6.5
Sanpete	43	63	5.2
Sevier	43	63	6.0
Summit	86	63	5.0
Tooele	43	63	4.5
Uintah	43	63	7.0
Utah	43	63	4.5
Wasatch	86	63	5.0
Washington	29	63	6.0
Wayne	36	63	6.5
Weber	43	63	4.5

TABLE NO. 1608.1.2(B)

REQUIRED SNOW LOADS FOR SELECTED UTAH CITIES AND TOWNS[1,2]

The following jurisdictions require design snow load values that differ from the Equation in the Utah Snow Load Study.

County	City	Elevation	Ground Snow Load (psf)	Roof S Load (p
Carbon	Carbon[3]	5550	43	30
	All other county locations[5]	--	--	--
Davis	Davis Heights[3]	4500 - 4850	57	40
Emery	Green River[3]	4070	36	25
Grand	Grand Valley[3]	6600	43	30
Rich	Woodruff[3]	6315	57	40
	Laketown[4]	6000	57	40
	Garden City[5]	--	--	--
	Randolph[4]	6300	57	40
San Juan	Monticello[3]	6820	50	35
Summit	Coalville[3]	5600	86	60
	Kamas[4]	6500	114	80

Tooele[3]	5100	43	30
Utah[3]	4650	43	30
Pleasant Grove[4]	5000	43	30
Provo[5]	--	--	--
Wasatch[5]	--	--	--
Washington[3]	3460	29	20
Santa Clara[3]	2850	21	15
St. George[3]	2750	21	15
All other county locations[5]	--	--	--
Wayne[3]	7080	43	30

[1]The IBC requires a minimum live load - See Section 1607.

[2]This table is informational only in that actual site elevations may vary. Table is only valid if si
elevation is within 100 feet of the listed elevation. Otherwise, contact the local Building Officia

[3]Values adopted from Table VII of the Utah Snow Load Study.

[4]Values based on site-specific study. Contact local Building Official for additional information.

[5]Contact local Building Official.

[6]Based on Ce =1.0, Ct =1.0 and Is =1.0"

"Table 7.2-9 Ground Snow Loads for Selected Locations in Utah

City/Town	County	Ground Snow Load (lb/ft2)	Elevation (ft)
Beaver	Beaver	35	5886
Brigham City	Box Elder	42	4423
Castle Dale	Emery	32	5669
Coalville	Summit	57	5581
Duchesne	Duchesne	39	5508
Farmington	Davis	35	4318
Fillmore	Millard	30	5138
Heber City	Wasatch	60	5604
Junction	Piute	27	6030
Kanab	Kane	25	4964
Loa	Wayne	37	7060
Logan	Cache	43	4531
Manila	Daggett	26	6368
Manti	Sanpete	37	5620
Moab	Grand	21	4029
Monticello	San Juan	67	7064
Morgan	Morgan	52	5062
Nephi	Juab	39	5131
Ogden	Weber	37	4334
Panguitch	Garfield	41	6630
Parowan	Iron	32	6007
Price	Carbon	31	5558
Provo	Utah	31	4541
Randolph	Rich	50	6286
Richfield	Sevier	27	5338
Saint George	Washington	21	2585
Salt Lake City	Salt Lake	28	4239
Tooele	Tooele	35	5029
Vernal	Uintah	39	5384

Note: To convert lb/ft^2 to kN/m^2, multiply by 0.0479. To convert feet to meters, multiply by 0.3048.

1. Statutory requirements of the Authority Having Jurisdiction are not included in this state ground snow load table.
2. For locations where there is substantial change in altitude over the city/town, the load applies at and below the cited elevation, with a tolerance of 100 ft (30 m).
3. For other locations in Utah, see Bean, B., Maguire, M., Sun, Y. (2018), "The Utah Snow Load Study", Utah State University Civil and Environmental Engineering Faculty Publications, Paper 3589, http://utahsnowload.usu.edu/, for ground snow load values."

~~(8) A new IBC, Section 1608.1.3, is added as follows: "1608.1.3 Thermal Factor. The value for the thermal factor, Ct, used in calculation of Pf shall be determined from Table 7.3 in ASCE 7.~~

~~Exception: Except for unheated structures, the value of Ct need not exceed 1.0 when ground snow load, Pg is calculated using Section 1608.1.2 as amended."~~

~~(9) IBC, Section 1608.2, is deleted and replaced with the following: "1608.2 Ground Snow Loads. The ground snow loads to be used in determining the design snow loads for roofs in states other than Utah are given in Figure 1608.2 for the contiguous United States and Table 1608.2 for Alaska. Site-specific case studies shall be made in areas designated CS in figure 1608.2. Ground snow loads for sites at elevations above the limits indicated in Figure 1608.2 and for all sites within the CS areas shall be approved. Ground snow load determination for such sites shall be based on an extreme value statistical analysis of data available in the vicinity of the site using a value with a 2-percent annual probability of being exceeded (50-year mean recurrence interval). Snow loads are zero for Hawaii, except in mountainous regions as approved by the building official."~~

(~~10~~9) A new IBC, Section 1613.1.1, is added as follows: "1613.1.1 Effective Seismic Weight. In ASCE 12.7.2 and 12.14.8.1 ~~of Chapter 12 of ASCE 7~~ as referenced in Section 1613.1, Definition of W, Item 4 is deleted and replaced with the following:

4. Where ~~the~~ flat roof snow load, Pf, exceeds 30 psf, the snow load included in the effective seismic weight ~~design~~ shall be calculated, in accordance with the following ~~formula~~ equation: Ws = (0.20 + 0.025(A-5))Pf >= ~~is greater than or equal to~~ 0.20 Pf.
   WHERE:
   Ws = Weight of snow to be included ~~in seismic calculations~~ as effective seismic weight
   A = Elevation above sea level at the location of the structure (ft./1,000)
   Pf = Design roof snow load, psf.
   For the purposes of this section, snow load shall be assumed uniform on the roof footprint without including the effects of drift or sliding. The Importance Factor, I, used in calculating Pf may be considered 1.0 for use in the formula for Ws."

~~(11) A new IBC, Section 1613.7, is added as follows: "1613.7 ASCE 7, Section 13.5.6.2.2 paragraph (e) is modified to read as follows: (e) Penetrations shall have a sleeve or adapter through the ceiling tile to allow for free movement of at least 1 inch (25 mm) in all horizontal directions.~~

~~Exceptions:~~

~~1. Where rigid braces are used to limit lateral deflections.~~

~~2. At fire sprinkler heads in frangible surfaces per NFPA 13."~~

Amended by Chapter 249, 2016 General Session

15A-3-108 Amendments to Chapters 17 through 19 of IBC.

(1) A new IBC, Section 1807.1.6.4, is added as follows: "1807.1.6.4 Empirical concrete foundation design. Group R, Division 3 Occupancies three stories or less in height, and Group U Occupancies, which are constructed in accordance with Section 2308, or with other methods employing repetitive wood-frame construction or repetitive cold-formed steel structural member construction, shall be permitted to have concrete foundations constructed in accordance with Table 1807.1.6.4."

(2) A new IBC, Table 1807.1.6.4 is added as follows:

”TABLE 1807.1.6.4

EMPIRICAL FOUNDATION WALLS (1,7,8)

Max. Height	Top Edge Support	Min. Thickness	Vertical Steel (2)	Horizontal Steel (3)	Steel at Openings (4)	Max. Lintel Length	Min. Lintel Length
2’(610 mm)	None	6”	(5)	2- #4 Bars	2- #4 Bars above 1- #4 Bar each side 1- #4 Bar below	2’(610 mm)	2” for each f of opening width; min. 6”
3’(914 mm)	None	6”	#4@32”	3- #4 Bars	2- #4 Bars above 1- #4 Bar each side 1- #4 Bar below	2’(610 mm)	2” for each f of opening width; min. 6”
4’(1,219 mm)	None	6”	#4@32”	4- #4 Bars	2- #4 Bars above 1- #4 Bar each side 1- #4 Bar below	3’(914 mm)	2” for each f of opening width; min. 6”
6’(1,829 mm)	Floor or roof Diaphragm (6)	8”	#4@24”	5- #4 Bars	2- #4 Bars above 1- #4 Bar each side 1- #4 Bar below	6’(1,829 mm)	2” for each f of opening width; min. 6”
8’(2,438 mm)	Floor or roof Diaphragm (6)	8”	#4@24”	6- #4 Bars	2- #4 Bars above 1- #4 Bar each side 1- #4 Bar below	6’(1,829 mm)	2” for each f of opening width; min. 6”
9’(2,743 mm)	Floor or roof Diaphragm (6)	8”	#4@16”	7- #4 Bars	2- #4 Bars above 1- #4 Bar each side 1- #4 Bar below	6’(1,829 mm)	2” for each f of opening width; min. 6”

Over 9’(2,743 mm), Engineering required for each column

Footnotes:

(1) Based on 3,000 psi (20.6 Mpa) concrete and 60,000 psi (414 Mpa) reinforcing steel.

(2) To be placed in the center of the wall, and extended from the footing to within three inches (76 mm) of the top of the wall; dowels of #4 bars to match vertical steel placement shall be provided in the footing, extending 24 inches (610 mm) into the foundation wall.

(3) One bar shall be located in the top four inches (102 mm), one bar in the bottom four inches (102 mm) and the other bars equally spaced between. Such bar placement satisfies the requirements of Section 1805.9. Corner reinforcing shall be provided so as to lap 24 inches (610 mm).

(4) Bars shall be placed within two inches (51 mm) of the openings and extend 24 inches (610 mm) beyond the edge of the opening; vertical bars may terminate three inches (76 mm) from the top of the concrete.

(5) Dowels of #4 bar at 32 inches on center shall be provided in the footing, extending 18 inches (457 mm) into the foundation wall.

(6) Diaphragm shall conform to the requirements of Section 2308.

(7) Footing shall be a minimum of nine inches thick by 20 inches wide.

(8) Soil backfill shall be soil classification types GW, GP, SW, or SP, per Table 1610.1. Soil shall not be submerged or saturated in groundwater."

(3) A new IBC, Section 1905.1.9, is added as follows: "1905.1.9 ACI 318, Table 4.2.1." Modify ACI 318, Table 19.3.1.1 to read as follows: In the portion of the table designated as "Conditions", the following Exposure category and class is deleted and replaced with the following:
"F0: Concrete elements not exposed to freezing and thawing cycles to include footing and foundation elements that are completely buried in soil."

Amended by Chapter 249, 2016 General Session

15A-3-109 Amendments to Chapters 20 through 22 of IBC.

IBC, Chapters 20 through 22 are not amended.

Enacted by Chapter 14, 2011 General Session

15A-3-110 Amendments to Chapters 23 through 25 of IBC.

(1) A new IBC, Section 2306.1.5, is added as follows: "2306.1.5 Load duration factors. The allowable stress increase of 1.15 for snow load, shown in Table 2.3.2, Frequently Used Load Duration Factors, Cd, of the National Design Specifications, shall not be utilized at elevations

above 5,000 feet (1,524 M)."

(2) ~~In IBC, Section 2308.3.1, a new exception, 3, is added as follows: " 3. Where foundation plates or sills are bolted or anchored to the foundation with not less than 1/2 inch (12.7 mm) diameter steel bolts or approved anchors, embedded at least 7 inches (178 mm) into concrete or masonry and spaced not more than 32 inches (816 mm) apart, there shall be a minimum of two bolts or anchor straps per piece located not less than 4 inches (102 mm) from each end of each piece. A properly sized nut and washer shall be tightened on each bolt to the plate."~~
In IBC, Section 2308.3.1, the words "6 feet (1829 mm)" and "4 feet (1219 mm)" are deleted and replaced with the words "32 inches".

~~(3) IBC, Section 2506.2.1, is deleted and replaced with the following: "2506.2.1 Other materials. Metal suspension systems for acoustical and lay-in panel ceilings shall conform with ASTM C635 listed in Chapter 35 and Section 13.5.6 of ASCE 7, as amended in Section 1613.5, for installation in high seismic areas."~~

Amended by Chapter 249, 2016 General Session

15A-3-111 Amendments to Chapters 26 through 28 of IBC

IBC, Chapters 26 through 28 are not amended.

Enacted by Chapter 14, 2011 General Session

15A-3-112 Amendments to Chapters 29 through 31 of IBC.

(1) In IBC [P] Table 2902.1 the following changes are made:

~~(a) The title for [P] Table 2902.1 is deleted and replaced with the following: "[P] Table 2902.1, Minimum Number of Required Plumbing Facilities a, h".~~

~~(b)~~(a) In the row for "E" occupancy in the field for "OTHER" a new footnote i is added.

~~(c)~~(b) In the row for "I-4" occupancy in the field for "OTHER" a new footnote i is added.

~~(d)~~(c) A new footnote ~~h~~g is added as follows: "FOOTNOTE: ~~h~~g. When provided, subject to footnote ~~j~~i, in public toilet facilities there shall be an equal number of diaper changing facilities in male toilet rooms and female toilet rooms."

~~(e)~~(d) A new footnote ~~i~~ h is added to the table as follows: "FOOTNOTE ~~i~~ h Non-residential child care facilities shall comply with additional sink requirements of Utah Administrative Code ~~R430-100-4~~ R381-100-9, R381-70-9, and R381-60-9."

~~(f)~~(e) A new footnote ~~j~~i is added to the table as follows: "FOOTNOTE ~~j~~i: A building owned by a state government entity or by a political subdivision of the state that allows access to the public shall provide diaper changing facilities in accordance with footnote h if:

1. the building is newly constructed; or
2. a bathroom in the building is renovated."

(f) Footnote f is deleted and replaced with the following: "FOOTNOTE f: The required number and type of plumbing fixtures for outdoor public swimming pools shall be in accordance with the Department of Health's regulation R392-302 Design, Construction, and Operation of Public Pools, Section 25 Restroom and Shower Facilities."

(2) A new IBC, Section [P]2902.7, is added as follows:

"[P]2902.7 Toilet Facilities for Workers.

Toilet facilities shall be provided for construction workers and such facilities shall be maintained in a sanitary condition. Construction worker toilet facilities of the nonsewer type

shall conform to ANSI Z4.3."

(3) In IBC, Section 3006.5, a new exception is added as follows: "Exception: Hydraulic elevators and roped hydraulic elevators with a rise of 50 feet or less."

Amended by Chapter 257, 2017 General Session

15A-3-113 Amendments to Chapters 32 through 35 of IBC.

(1) In IBC, Chapter 35, the referenced standard ICCA117.1-09, Section 606.2, Exception 1 is modified to include the following sentence at the end of the exception: "The minimum clear floor space shall be centered on the sink assembly."

~~(2) The following referenced standard is added under UL in IBC, Chapter 35:~~

~~"Number~~	~~Title~~	~~Reference~~
~~2034-2008~~	~~Standard of Single- and Multiple-station Carbon Monoxide Alarms~~	~~907.9"~~

Amended by Chapter 249, 2016 General Session

Part 2
Statewide Amendments to International Residential Code

15A-3-201 General provision.

(1) The amendments in this part are adopted as amendments to the IRC to be applicable statewide.

(2) The statewide amendments to the following which may be applied to detached one- and two-family dwellings and multiple single-family dwellings shall be applicable to the corresponding provisions of the IRC:
   (a) IBC under Part 1, Statewide Amendments to International Building Code;
   (b) IPC under Part 3, Statewide Amendments to International Plumbing Code;
   (c) IMC under Part 4, Statewide Amendments to International Mechanical Code;
   (d) IFGC under Part 5, Statewide Amendments to International Fuel Gas Code;
   (e) NEC under Part 6, Statewide Amendments to National Electrical Code; and
   (f) IECC under Part 7, Statewide Amendments to International Energy Conservation Code.

Amended by Chapter 189, 2014 General Session

15A-3-202 Amendments to Chapters 1 through 5 of IRC.

(1) In IRC, Section R102, a new Section R102.7.2 is added as follows: "R102.7.2 Physical change for bedroom window egress. A structure whose egress window in an existing bedroom is smaller than required by this code, and that complied with the construction code in effect at the time that the bedroom was finished, is not required to undergo a physical change to conform to this code if the change would compromise the structural integrity of the structure or could not be completed in accordance with other applicable requirements of this code, including setback and window well requirements."

(2) In IRC, Section 109:

(a) A new IRC, Section 109.1.5, is added as follows: “R109.1.5 Weather-resistant exterior wall envelope inspections. An inspection shall be made of the weather-resistant exterior wall envelope as required by Section R703.1 and flashings as required by Section R703.8 to prevent water from entering the weather-resistive barrier.”

(b) The remaining sections are renumbered as follows: R109.1.6 Other inspections; R109.1.6.1 Fire- and smoke-resistance-rated construction inspection; R109.1.6.2 Reinforced masonry, insulating concrete form (ICF) and conventionally formed concrete wall inspection; and R109.1.7 Final inspection.

(3) IRC, Section R114.1, is deleted and replaced with the following: “R114.1 Notice to owner. Upon notice from the building official that work on any building or structure is being prosecuted contrary to the provisions of this code or other pertinent laws or ordinances or in an unsafe and dangerous manner, such work shall be immediately stopped. The stop work order shall be in writing and shall be given to the owner of the property involved, or to the owner’s agent or to the person doing the work; and shall state the conditions under which work will be permitted to resume.”

(4) In IRC, Section R202, the following definition is added: “CERTIFIED BACKFLOW PREVENTER ASSEMBLY TESTER: A person who has shown competence to test Backflow prevention assemblies to the satisfaction of the authority having jurisdiction under Utah Code, Subsection 19-4-104(4).”

(5) In IRC, Section R202, the definition for “CONDITIONED SPACE” is modified by deleting the words at the end of the sentence “being heated or cooled by any equipment or appliance” and replacing them with the following: “enclosed within the building thermal envelope that is directly heated or cooled, or indirectly heated or cooled by any of the following means:

1. Openings directly into an adjacent conditioned space.
2. An un-insulated floor, ceiling or wall adjacent to a conditioned space.
3. Un-insulated duct, piping or other heat or cooling source within the space.”

(6) In IRC, Section R202, the definition of “Cross Connection” is deleted and replaced with the following: “CROSS CONNECTION. Any physical connection or potential connection or arrangement between two otherwise separate piping systems, one of which contains potable water and the other either water of unknown or questionable safety or steam, gas, or chemical, whereby there exists the possibility for flow from one system to the other, with the direction of flow depending on the pressure differential between the two systems (see “Backflow, Water Distribution”).”

(7) In IRC, Section 202, in the definition for gray water a comma is inserted after the word “washers”; the word “and” is deleted; and the following is added to the end: “and clear water wastes which have a pH of 6.0 to 9.0; are non-flammable; non-combustible; without objectionable odors; non-highly pigmented; and will not interfere with the operation of the sewer treatment facility.”

(8) In IRC, Section R202, the definition of “Potable Water” is deleted and replaced with the following: “POTABLE WATER. Water free from impurities present in amounts sufficient to cause disease or harmful physiological effects and conforming to the Utah Code, Title 19, Chapter 4, Safe Drinking Water Act, and Title 19, Chapter 5, Water Quality Act, and the regulations of the public health authority having jurisdiction.”

(9) IRC, Figure R301.2(5), is deleted and replaced with Table R301.2(5~~a~~) ~~and Table R301.2(5b)~~ as follows:

”TABLE NO. R301.2(5a)

STATE OF UTAH - REGIONAL SNOW LOAD FACTORS

COUNTY	Po	S	Ao
Beaver	43	63	6.2
Box Elder	43	63	5.2
Cache	50	63	4.5
Carbon	43	63	5.2
Daggett	43	63	6.5
Davis	43	63	4.5
Duchesne	43	63	6.5
Emery	43	63	6.0
Garfield	43	63	6.0
Grand	36	63	6.5
Iron	43	63	5.8
Juab	43	63	5.2
Kane	36	63	5.7
Millard	43	63	5.3
Morgan	57	63	4.5
Piute	43	63	6.2
Rich	57	63	4.1
Salt Lake	43	63	4.5
San Juan	43	63	6.5
Sanpete	43	63	5.2
Sevier	43	63	6.0
Summit	86	63	5.0
Tooele	43	63	4.5
Uintah	43	63	7.0
Utah	43	63	4.5
Wasatch	86	63	5.0
Washington	29	63	6.0
Wayne	36	63	6.5
Weber	43	63	4.5

~~TABLE NO. R301.2(5b)~~

~~REQUIRED SNOW LOADS FOR SELECTED UTAH CITIES AND TOWNS1,2~~

~~The following jurisdictions require design snow load values that differ from the Equation in the Utah Snow Load Study.~~

~~County~~	~~City~~	~~Elevation~~	~~Ground Snow Load (psf)~~	~~Roof Sn Load (ps~~
~~Carbon~~	~~Price3~~	~~5550~~	~~43~~	~~30~~
	~~All other county locations5~~		~~--~~	~~--~~
~~Davis~~	~~Fruit Heights3~~	~~4500 - 4850~~	~~57~~	~~40~~
~~Emery~~	~~Green River3~~	~~4070~~	~~36~~	~~25~~
~~Garfield~~	~~Panguitch3~~	~~6600~~	~~43~~	~~30~~
~~Rich~~	~~Woodruff3~~	~~6315~~	~~57~~	~~40~~
	~~Laketown4~~	~~6000~~	~~57~~	~~40~~
	~~Garden City5~~	~~--~~	~~--~~	~~--~~
	~~Randolph4~~	~~6300~~	~~57~~	~~40~~
~~San Juan~~	~~Monticello3~~	~~6820~~	~~50~~	~~35~~
~~Summit~~	~~Coalville3~~	~~5600~~	~~86~~	~~60~~
	~~Kamas4~~	~~6500~~	~~114~~	~~80~~
~~Tooele~~	~~Tooele3~~	~~5100~~	~~43~~	~~30~~
~~Utah~~	~~Orem3~~	~~4650~~	~~43~~	~~30~~
	~~Pleasant Grove4~~	~~5000~~	~~43~~	~~30~~
	~~Provo5~~	~~--~~	~~--~~	~~--~~
~~Wasatch~~	~~Heber5~~	~~--~~	~~--~~	~~--~~
~~Washington~~	~~Leeds3~~ ~~3460~~		~~29~~	~~20~~
	~~Santa Clara3~~ ~~2850~~		~~21~~	~~15~~
	~~St. George3~~ ~~2750~~		~~21~~	~~15~~
	~~All other county locations5~~		~~--~~	~~--~~
~~Wayne~~	~~Loa3~~	~~7080~~	~~43~~	~~30~~

~~1The IRC requires a minimum live load -- See R301.6.~~

~~2This table is informational only in that actual site elevations may vary. Table is only valid if si elevation is within 100 feet of the listed elevation. Otherwise, contact the local Building Officia~~

~~3Values adopted from Table VII of the Utah Snow Load Study~~

~~4Values based on site-specific study. Contact local Building Official for additional information.~~

~~5Contact local Building Official.~~

~~6Based on Ce =1.0, Ct =1.0 and Is =1.0"~~

~~[6]Based on Ce =1.0, Ct =1.0 and Is =1.0"~~

Ground Snow Loads for Selected Locations in Utah

City/Town	County	Ground Snow Load (lb/ft2)	Elevation (ft)
Beaver	Beaver	35	5886
Brigham City	Box Elder	42	4423
Castle Dale	Emery	32	5669
Coalville	Summit	57	5581
Duchesne	Duchesne	39	5508
Farmington	Davis	35	4318
Fillmore	Millard	30	5138
Heber City	Wasatch	60	5604
Junction	Piute	27	6030
Kanab	Kane	25	4964
Loa	Wayne	37	7060
Logan	Cache	43	4531
Manila	Daggett	26	6368
Manti	Sanpete	37	5620
Moab	Grand	21	4029
Monticello	San Juan	67	7064
Morgan	Morgan	52	5062
Nephi	Juab	39	5131
Ogden	Weber	37	4334
Panguitch	Garfield	41	6630
Parowan	Iron	32	6007
Price	Carbon	31	5558
Provo	Utah	31	4541
Randolph	Rich	50	6286
Richfield	Sevier	27	5338
Saint George	Washington	21	2585
Salt Lake City	Salt Lake	28	4239
Tooele	Tooele	35	5029
Vernal	Uintah	39	5384

Note: To convert lb/ft^2 to kN/m^2, multiply by 0.0479. To convert feet to meters, multiply by 0.3048.

1. Statutory requirements of the Authority Having Jurisdiction are not included in this state ground snow load table.
2. For locations where there is substantial change in altitude over the city/town, the load applies at and below the cited elevation, with a tolerance of 100 ft (30 m).
3. For other locations in Utah, see Bean, B., Maguire, M., Sun, Y. (2018), "The Utah Snow Load Study", Utah State University Civil and Environmental Engineering Faculty Publications, Paper 3589, http://utahsnowload.usu.edu/, for ground snow load values."

(10) IRC, Section R301.6, is deleted and replaced with the following: "R301.6 Utah Snow Loads.

The snow loads specified in Table R301.2(5~~b~~) shall be used for the jurisdictions identified in that table. Otherwise, for other locations in Utah, see Bean, B., Maguire, M., Sun, Y. (2018), "The Utah Snow Load Study", Utah State University Civil and Environmental Engineering Faculty Publications, Paper 3589, http://utahsnowload.usu.edu/, for ground snow load values. ~~the ground snow load, Pg, to be used in the determination of design snow loads for buildings and other structures shall be determined by using the following formula: Pg = (Po2 + S2(A-Ao)2)0.5 for A greater than Ao, and Pg = Po for A less than or equal to Ao.~~

~~WHERE:~~

~~Pg = Ground snow load at a given elevation (psf);~~

~~Po = Base ground snow load (psf) from Table No. R301.2(5a);~~

~~S = Change in ground snow load with elevation (psf/100 ft.) From Table No. R301.2(5a);~~

~~A = Elevation above sea level at the site (ft./1,000);~~

~~Ao = Base ground snow elevation from Table R301.2(5a) (ft./1,000).~~

~~The building official may round the roof snow load to the nearest 5 psf. The ground snow load, Pg, may be adjusted by the building official when a licensed engineer or architect submits data substantiating the adjustments.~~

~~Where the minimum roof live load in accordance with Table R301.6 is greater than the design roof snow load, such roof live load shall be used for design, however, it shall not be reduced to a load lower than the design roof snow load. Drifting need not be considered for roof snow loads less than 20 psf."~~

(11) In IRC, Section R302.2, the following sentence in inserted after the second sentence: "Plumbing, mechanical ducting, gas piping and electrical service conductors including feeders, shall not penetrate the common wall at grade, above grade, or below grade."

~~(11)~~(12) In IRC, Section R302.5.1, the words "self-closing device" are deleted and replaced with "self-latching hardware".

~~(12)~~(13) IRC, Section R302.13, is deleted.

~~(13)~~(14) In IRC, Section R303.4, the number "5" is changed to "3" in the first sentence.

~~(14)~~(15) IRC, Sections R311.7.4 through R311.7.5.3, are deleted and replaced with the following: "R311.7.4 Stair treads and risers. R311.7.5.1 Riser height. The maximum riser height shall be 8 inches (203 mm). The riser shall be measured vertically between leading edges of the adjacent treads. The greatest riser height within any flight of stairs shall not exceed the smallest by more than 3/8 inch (9.5 mm).

R311.7.5.2 Tread depth. The minimum tread depth shall be 9 inches (228 mm). The tread depth shall be measured horizontally between the vertical planes of the foremost projection of adjacent treads and at a right angle to the tread's leading edge. The greatest tread depth within any flight of stairs shall not exceed the smallest by more than 3/8 inch (9.5 mm). Winder treads shall have a minimum tread depth of 10 inches (254 mm) measured as above at a point 12 inches (305 mm) from the side where the treads are narrower. Winder treads shall have a minimum tread depth of 6 inches (152 mm) at any point. Within any flight of stairs, the greatest winder tread depth at the 12-inch (305 mm) walk line shall not exceed the smallest by more than 3/8 inch (9.5 mm).

R311.7.5.3 Profile. The radius of curvature at the leading edge of the tread shall be no greater than 9/16 inch (14.3 mm). A nosing not less than 3/4 inch (19 mm) but not more than 1 1/4 inches (32 mm) shall be provided on stairways with solid risers. The greatest nosing projection shall not exceed the smallest nosing projection by more than 3/8 inch (9.5 mm) between two stories, including the nosing at the level of floors and

landings. Beveling of nosing shall not exceed 1/2 inch (12.7 mm). Risers shall be vertical or sloped from the underside of the leading edge of the tread above at an angle not more than 30 degrees (0.51 rad) from the vertical. Open risers are permitted, provided that the opening between treads does not permit the passage of a 4-inch diameter (102 mm) sphere.

Exceptions.

1. A nosing is not required where the tread depth is a minimum of 10 inches (254 mm).
2. The opening between adjacent treads is not limited on stairs with a total rise of 30 inches (762 mm) or less."

~~(15)~~(16) IRC, Section R312.2, is deleted.

~~(16)~~(17) IRC, Sections R313.1 through R313.2.1, are deleted and replaced with the following: "R313.1 Design and installation. When installed, automatic residential fire sprinkler systems for townhouses or one- and two-family dwellings shall be designed and installed in accordance with Section P2904 or NFPA 13D."

~~(17)~~(18) In IRC, Section 315.3, the following words are added to the first sentence after the word "installed": "on each level of the dwelling unit and".

~~(18)~~(19) In IRC, Section R315.5, a new exception, 3, is added as follows:
"3. Hard wiring of carbon monoxide alarms in existing areas shall not be required where the alterations or repairs do not result in the removal of interior wall or ceiling finishes exposing the structure, unless there is an attic, crawl space or basement available which could provide access for hard wiring, without the removal of interior finishes."

~~(19)~~(20) A new IRC, Section R315.7, is added as follows: " R315.7 Interconnection. Where more than one carbon monoxide alarm is required to be installed within an individual dwelling unit in accordance with Section R315.1, the alarm devices shall be interconnected in such a manner that the actuation of one alarm will activate all of the alarms in the individual unit. Physical interconnection of smoke alarms shall not be required where listed wireless alarms are installed and all alarms sound upon activation of one alarm.

Exception: Interconnection of carbon monoxide alarms in existing areas shall not be required where alterations or repairs do not result in removal of interior wall or ceiling finishes exposing the structure, unless there is an attic, crawl space or basement available which could provide access for interconnection without the removal of interior finishes."

~~(20)~~(21) In IRC, Section R403.1.6, a new Exception 3 is added as follows: " 3. When anchor bolt spacing does not exceed 32 inches (813 mm) apart, anchor bolts may be placed with a minimum of two bolts per plate section located not less than 4 inches (102 mm) from each end of each plate section at interior bearing walls, interior braced wall lines, and at all exterior walls."

~~(21)~~(22) In IRC, Section R403.1.6.1, a new exception is added at the end of Item 2 and Item 3 as follows: "Exception: When anchor bolt spacing does not exceed 32 inches (816 mm) apart, anchor bolts may be placed with a minimum of two bolts per plate section located not less than 4 inches (102 mm) from each end of each plate section at interior bearing walls, interior braced wall lines, and at all exterior walls."

~~(22)~~(23) In IRC, Section R404.1, a new exception is added as follows: "Exception: As an alternative to complying with Sections R404.1 through R404.1.5.3, concrete and masonry foundation walls may be designed in accordance with IBC Sections 1807.1.5 and 1807.1.6 as amended in Section 1807.1.6.4 and Table 1807.1.6.4 under these rules."

~~(23)~~(24) In IRC, Section R405.1, a new exception is added as follows: "Exception: When a geotechnical report has been provided for the property, a drainage system is not required

unless the drainage system is required as a condition of the geotechnical report. The geological report shall make a recommendation regarding a drainage system."

Amended by Chapter 236, 2017 General Session

15A-3-203 Amendments to Chapters 6 through 15 of IRC.

(1) In IRC, Section N1101.5 (R103.2), all words after the words "herein governed." are deleted and replaced with the following: "Construction documents include all documentation required to be submitted in order to issue a building permit."

(2) In IRC, Section N1101.12 (R303.3), all wording after the first sentence is deleted.

(3) In IRC, Section N1101.13 (R401.2), add Exception as follows: "Exception: A project complies if the project demonstrates compliance, using the software RESCheck 2012 Utah Energy Conservation Code, of:
   (a) on or after January 1, 2017, and before January 1, 2019, "3 percent better than code";
   (b) on or after January 1, 2019, and before January 1, 2021, "4 percent better than code"; and
   (c) after January 1, 2021, "5 percent better than code"".

(4) In IRC, Table N1102.2 (R402.1.2), in the column titled MASS WALL R-VALUE, a new footnote j is added as follows: "j. Log walls complying with ICC400 and with a minimum average wall thickness of 5 inches or greater shall be permitted in Zones 5 through 8 when overall window glazing has a .31 U-factor or lower, minimum heating equipment efficiency is 90 AFUE (gas) or 84 AFUE (oil), and all other component requirements are met."

(5) In IRC, Section N1102.4.1 (R402.4.1), in the first sentence, the word "and" is deleted and replaced with the word "or".

(6) In IRC, Section N1102.4.1.1 (R402.4.1.1), the last sentence is deleted and replaced with the following: "Where allowed by the code official, the builder may certify compliance to components criteria for items which may not be inspected during regularly scheduled inspections."

(7) In IRC, Section N1102.4.1.2 (R402.4.1.2), the following changes are made:
   (a) In the first sentence:
      (i) on or after January 1, 2019, and before January 1, 2021, replace the word "five" with "3.5"; and
      (ii) after January 1, 2021, replace the word "five" with "three."
   (b) In the first sentence, the words "in Climate Zones 1 and 2, and three air changes per hour in Climate Zones 3 through 8" are deleted.
   (c) In the third sentence, the word "third" is deleted
   (d) The following sentence is inserted after the third sentence: "The following parties shall be approved to conduct testing: Parties certified by BPI or RESNET, or licensed contractors who have completed training provided by Blower Door Test equipment manufacturers or other comparable training."

(8) In IRC, Section N1103.3.3 (R403.3.3):
   (a) the exception for duct air leakage testing is deleted; and
   (b) the exception for duct air leakage is replaced:
      (i) on or after January 1, 2017, and before January 1, 2019, with the following: "Exception: The duct air leakage test is not required for systems with all air handlers and at least 65% of all ducts (measured by length) located entirely within the building thermal envelope.";

(ii) on or after January 1, 2019, and before January 1, 2021, with the following: "Exception: The duct air leakage test is not required for systems with all air handlers and at least 75% of all ducts (measured by length) located entirely within the building thermal envelope."; and

(iii) on or after January 1, 2021, with the following: "Exception: The duct air leakage test is not required for systems with all air handlers and at least 80% of all ducts (measured by length) located entirely within the building thermal envelope."

(9) In IRC, Section N1103.3.3 (R403.3.3), the following is added after the exception: "The following parties shall be approved to conduct testing: Parties certified by BPI or RESNET, or licensed contractors who have completed either training provided by Duct Test equipment manufacturers or other comparable training."

(10) In IRC, Section N1103.3.4 (R403.3.4):

(a) in Subsection 1, the number 4 is changed to 8, the number 113.3 is changed to 170, the number 3 is changed to 6, the number 85 is changed to 114.6; and

(b) in Subsection 2:

(i) on or after January 1, 2017, and before January 1, 2019, the number 4 is changed to 8 and the number 113.3 is changed to 226.5;

(ii) on or after January 1, 2019, and before January 1, 2021, the number 4 is changed to 7 and the number 113.3 is changed to 198.2; and

(iii) on or after January 1, 2021, the number 4 is changed to 6 and the number 113.3 is changed to 169.9.

(11) In IRC, Section N1103.3.5 (R403.3.5), the words "or plenums" are deleted.

(12) A new IRC, Section N1103.3.6 (R403.3.6), is added as follows: "N1103.3.6 (R403.3.6) Ducts buried within ceiling insulation. Where supply and return air ducts are partially or completely buried in ceiling insulation, such ducts shall comply with all of the following:

1. The supply and return ducts shall have an insulation R-value not less than R-8.
2. At all points along each duct, the sum of the ceiling insulation R-value against and above the top of the duct, and against and below the bottom of the duct shall be not less than R-19, excluding the R-value of the duct insulation.
3. In Climate Zone 1A, 2A, and 3A, the supply ducts shall be completely buried within ceiling insulation, insulated to an R-value of not less than R-13 and in compliance with the vapor retarder requirements of Section 604.11 of the International Mechaniclal Code or Section N1601.4.6 of the International Residential Code, as applicable.

Exception: Sections of the supply duct that are less than 3 feet (914mm) from the supply outlet shall not be required to comply with these requirements.

N1103.3.6.1 (R403.3.6.1) Effective R-value of deeply buried ducts. Where using a simulated energy performance analysis, sections of ducts that are: installed in accordance with Section N1103.3.6 (R403.3.6); located directly on, or within 5.5 inches (140mm) of the ceiling; surrounded with blown-in attic insulation have an R-value of R-30 or greater and located such that the top of the duct is not less than 3.5 inches (89 mm) below the top of the insulation, shall be considered as having an effective duct insulation R-value of R-25."

(13) A new IRC, Section N1103.3.7 (R403.3.7), is added as follows: "N1103.3.7 (R403.3.7) Ducts located in conditioned space. For ducts to be considered as inside a conditioned space, such ducts shall comply with either of the following:

1. The duct system shall be located completely within the continuous air barrier and within the building thermal envelope.
2. The ducts shall be buried within ceiling insulation in accordance with Section N1103.3.6

(R403.3.3.6) and all of the following conditions shall exist:

2.1 The air handler is located completely within the continuous air barrier and within the building envelope.

2.2 The duct leakage, as measured either by a rough-in test of the ducts or a post-construction total system leakage test to outside the building thermal envelope in accordance with Section N1103.3.4 (R403.3.4)."

~~(12)~~(14) In IRC, Section N1103.5.3 (R403.5.3), Subsection 5 is deleted and Subsections 6 and 7 are renumbered.

(15) IRC, Section N1103.6.1 (R403.6.1), is deleted and replaced with the following: "N1103.6.1 (R403.6.1) Whole-house mechanical ventilation system fan efficacy. Fans used to provide whole-house mechanical ventilation shall meet the efficacy requirements of Table N1103.6.1 (R403.6.1).

Exception: Where an air handler that is integral to tested and listed HVAC equipment is used to provide whole-house mechanical ventilation, the air handler shall be powered by an electronically commutated motor."

(16) IRC, Section N1104.1 (R404.1) is deleted and replaced with the following: "N1104.1 (R404.1) Lighting equipment (Mandatory). Not less than 90 percent of the permanently installed lighting fixtures shall contain only high-efficacy lamps."

~~(13)~~(17) IRC, Section N1106.4 (R406.4), the table is deleted and replaced with the following:

TABLE N1106.4 (R406.4)

MAXIMUM ENERGY RATING INDEX

CLIMATE ZONE	ENERGY RATING INDEX
3	65
5	69
6	68

(18) In IRC, Table N1106.4 (R406.4) Maximum Energy Rating Index, a new footnote a. is added as follows: "a. Where on-site renewable energy is included for compliance using the ERI analysis of Section N1106.4 (R406.4), the building shall meet the mandatory requirements of Section N1106.2 (R406.2), and the building thermal envelope shall be greater than or equal to the levels of efficiency ans SHGC in Table (402.1.2 or Table R402.1.4 of the 2015 International Energy Conservation Code.

~~(14)~~(19) In IRC, Section M1307.2, the words "In Seismic Design Categories D0, D1, and D2, and in townhouses in Seismic Design Category C", are deleted, and in Subparagraph 1, the last sentence is deleted.

~~(15)~~(20) IRC, Section M1411.8, is deleted.

Amended by Chapter 249, 2016 General Session

15A-3-204 Amendments to Chapters 16 through 25 of IRC.

A new IRC, Section G2401.2, is added as follows: "G2401.2 Meter Protection. Fuel gas services

shall be in an approved location and/or provided with structures designed to protect the fuel gas meter and surrounding piping from physical damage, including falling, moving, or migrating ice and snow. If an added structure is used, it must provide access for service and comply with the IBC or the IRC."

Amended by Chapter 249, 2016 General Session

15A-3-205 Amendments to Chapters 26 through 35 of IRC.

(1) A new IRC, Section P2602.3, is added as follows: "P2602.3 Individual water supply. Where a potable public water supply is not available, individual sources of potable water supply shall be utilized, provided that the source has been developed in accordance with Utah Code, Sections 73-3-1 and 73-3-25, as administered by the Department of Natural Resources, Division of Water Rights. In addition, the quality of the water shall be approved by the local health department having jurisdiction."

(2) A new IRC, Section P2602.4, is added as follows: "P2602.4 Sewer required. Every building in which plumbing fixtures are installed and all premises having drainage piping shall be connected to a public sewer where the sewer is accessible and is within 300 feet of the property line in accordance with Utah Code, Section 10-8-38; or an approved private sewage disposal system in accordance with Utah Administrative Code, Chapter 4, Rule R317, as administered by the Department of Environmental Quality, Division of Water Quality."

(3) In IRC, Section P2705, Item 5, the words "lavatory" and "lavatories" are deleted.

(4) In IRC, Section P2705, a new Item 6 is added as follows: "6. Lavatories. A lavatory shall not be set closer than 12 inches from its center to any side wall or partition. A lavatory shall be provided with a clearance of 24 inches in width and 21 inches in depth in front of the lavatory to any side wall, partition or obstruction. Remaining item numbers are renumbered accordingly."

~~(3)~~(5) In IRC, Section P2801.8, all words in the first sentence up to the word "water" are deleted.

~~(4)~~(6) A new IRC, Section P2902.1.1, is added as follows: "P2902.1.1 Backflow assembly testing. The premise owner or the premise owner's designee shall have backflow prevention assemblies operation tested in accordance with administrative rules made by the Drinking Water Board at the time of installation, repair, and relocation and at least on an annual basis thereafter, or more frequently as required by the authority having jurisdiction. Testing shall be performed by a Certified Backflow Preventer Assembly Tester. The assemblies that are subject to this paragraph are the Spill Resistant Vacuum Breaker, the Pressure Vacuum Breaker Assembly, the Double Check Backflow Prevention Assembly, the Double Check Detector Assembly Backflow Preventer, the Reduced Pressure Principle Backflow Preventer, and Reduced Pressure Detector Assembly. Third-party certification for backflow prevention assemblies will consist of any combination of two certifications, laboratory or field. Acceptable third-party laboratory certifying agencies are ASSE, IAPMO, and USC-FCCCHR. USC-FCCCHR currently provides the only field testing of backflow protection assemblies. Also see www.drinkingwater.utah.gov and rules made by the Drinking Water Board."

~~(5)~~(7) In IRC, Section P2902.1, the following subsections are added as follows:

"P2902.1.1 General Installation Criteria. Assemblies shall not be installed more than five feet above the floor unless a permanent platform is installed. The assembly owner, where necessary, shall provide devices or structures to facilitate testing, repair, and maintenance, and to insure the safety of the backflow technician.

P2902.1.2 Specific Installation Criteria.

P2902.1.2.1 Reduced Pressure Principle Blackflow Prevention Assembly. The reduced pressure principle backflow prevention assembly shall be installed as follows:

a. The assembly may not be installed in a pit.

b. The relief valve of the assembly shall not be directly connected to a waste disposal line, including a sanitary sewer, a storm drain, or a vent.

c. The assembly shall be installed in a horizontal position only, unless listed or approved for vertical installation in accordance with Section 303.4.

d. The bottom of the assembly shall be installed a minimum of 12 inches above the floor or ground.

e. The body of the assembly shall be a minimum of 12 inches from any wall, ceiling, or obstacle, and shall be readily accessible for testing, repair, and maintenance.

P2902.1.2.2 Double Check Valve Backflow Prevention Assembly.

A double check valve backflow prevention assembly shall be installed as follows:

a. The assembly shall be installed in a horizontal position only, unless listed or approved for vertical installation.

b. The bottom of the assembly shall be a minimum of 12 inches above the ground or floor.

c. The body of the assembly shall be a minimum of 12 inches from any wall, ceiling, or obstacle, and shall be readily accessible for testing, repair, and maintenance.

d. If installed in a pit, the assembly shall be installed with a minimum of 12 inches of clearance between all sides of the vault, including the floor and roof or ceiling, with adequate room for testing and maintenance.

P2902.1.2.3 Pressure Vacuum Break Assembly and Spill Resistant Pressure Vacuum Breaker Assembly.

A pressure vacuum break assembly or a spill resistant pressure vacuum breaker assembly shall be installed as follows:

a. The assembly shall not be installed in an area that could be subject to backpressure or back drainage conditions.

b. The assembly shall be installed a minimum of 12 inches above all downstream piping and the highest point of use.

c. The assembly shall be a minimum of 12 inches from any wall, ceiling, or obstacle, and shall be readily accessible for testing, repair, and maintenance.

d. The assembly shall not be installed below ground, in a vault, or in a pit.

e. The assembly shall be installed in a vertical position."

~~(6)~~(8) In IRC, Section P2903.9.3, the first sentence is deleted and replaced with the following: "Unless the plumbing appliance or plumbing fixture has a wall-mount valve, shutoff valves shall be required on each fixture supply pipe to each plumbing appliance and to each plumbing fixture other than bathtubs and showers."

~~(7)~~(9) IRC, Section P2910.5, is deleted and replaced with the following:
"P2910.5 Potable water connections.
When a potable water system is connected to a nonpotable water system, the potable water system shall be protected against backflow by a reduced pressure backflow prevention assembly or an air gap installed in accordance with Section 2901."

~~(8)~~(10) IRC, Section P2910.9.5, is deleted and replaced with the following:
"P2910.9.5 Makeup water.
Where an uninterrupted nonpotable water supply is required for the intended application, potable or reclaimed water shall be provided as a source of makeup water for the storage tank.

The makeup water supply shall be protected against backflow by means of an air gap not less than 4 inches (102 millimeters) above the overflow or by a reduced pressure backflow prevention assembly installed in accordance with Section 2902."

~~(9)~~(11) In IRC, Section P2911.12.4, the following words are deleted: "and backwater valves".

~~(10)~~(12) In IRC, Section P2912.15.6, the following words are deleted: "and backwater valves".

~~(11)~~(13) In IRC, Section P2913.4.2, the following words are deleted: "and backwater valves".

~~(12)~~(14) IRC, Section P3009, is deleted and replaced with the following:

"P3009 Connected to nonpotable water from on-site water reuse systems.

Nonpotable systems utilized for subsurface irrigation for single-family residences shall comply with the requirements of R317-401, UAC, Graywater ~~Water~~ Systems."

~~(13)~~(15) In IRC, Section P3103.6, the following sentence is added at the end of the paragraph: "Vents extending through the wall shall terminate not less than 12 inches from the wall with an elbow pointing downward."

~~(14)~~(16) In IRC, Section P3104.4, the following sentence is added at the end of the paragraph: "Horizontal dry vents below the flood level rim shall be permitted for floor drain and floor sink installations when installed below grade in accordance with Chapter 30, and Sections P3104.2 and P3104.3. A wall cleanout shall be provided in the vertical vent."

Amended by Chapter 249, 2016 General Session

15A-3-206 Amendments to Chapters 39, 44, and Appendix F of IRC.

(1) In IRC, Section E3705.4.5, the following words are added after the word "assemblies": "with underground conductors 10 AWG and smaller".

(2) In IRC, Section E3901.9, the following exception is added:
"Exception: Receptacles or other outlets adjacent to the exterior walls of the garage, outlets adjacent to an exterior wall of the garage, or outlets in a storage room with entry from the garage may be connected to the garage branch circuit."

(3) IRC, Section E3902.16 is deleted.

(4) In Section E3902.17:
(a) following the word "Exception" the number "1." is added; and
(b) at the end of the section, the following sentences are added:
"2. This section does not apply for a simple move or an extension of a branch circuit or an outlet which does not significantly increase the existing electrical load. This exception does not include changes involving remodeling or additions to a residence."

(5) IRC, Chapter 44, is amended by adding the following reference standard:

"Standard reference number	Title	Reference section nu
USC-FCCCHR 10th Edition Manual of Cross Connection Control	Foundation for Cross-Connection Control and Hydraulic Research University o Southern California Kaprielian Hall 3 Angeles CA 90089-2531	Table P29

(6)

(a) When passive radon controls or portions thereof are voluntarily installed, the voluntary installation shall comply with Appendix F of the IRC.

(b) An additional inspection of a voluntary installation described in Subsection (6)(a) is not required.

Amended by Chapter 236, 2017 General Session

Part 3
Statewide Amendments to International Plumbing Code

15A-3-301 General provision.
The amendments in this part are adopted as amendments to the IPC to be applicable statewide.

Enacted by Chapter 14, 2011 General Session

15A-3-302 Amendments to Chapters 1 and 2 of IPC.
~~(1) A new IPC, Section 101.2.1, is added as follows: "For clarification, the International Private Sewage Disposal Code is not part of the plumbing code even though it is in the same printed volume."~~
(~~2~~1) In IPC, Section 202, the definition for "Backflow Backpressure, Low Head" is deleted.
(~~3~~2) In IPC, Section 202, the following definition is added: "Certified Backflow Preventer Assembly Tester. A person who has shown competence to test Backflow prevention assemblies to the satisfaction of the authority having jurisdiction under Utah Code, Subsection 19-4-104(4)."
(~~4~~3) In IPC, Section 202, the following definition is added: "Contamination (High Hazard). An impairment of the quality of the potable water that creates an actual hazard to the public health through poisoning or through the spread of disease by sewage, industrial fluids or waste."
(~~5~~4) In IPC, Section 202, the definition for "Cross Connection" is deleted and replaced with the following: "Cross Connection. Any physical connection or potential connection or arrangement between two otherwise separate piping systems, one of which contains potable water and the other either water of unknown or questionable safety or steam, gas, or chemical, whereby there exists the possibility for flow from one system to the other, with the direction of flow depending on the pressure differential between the two systems (see "Backflow")."
(~~6~~5) In IPC, Section 202, the following definition is added: "Deep Seal Trap. A manufactured or field fabricated trap with a liquid seal of 4" or larger."
(~~7~~6) In IPC, Section 202, the definition for "Essentially Nontoxic Transfer Fluid" is deleted and replaced with the following:
"ESSENTIALLY NONTOXIC TRANSFER FLUID. Fluids having a Gosselin rating of 1, including propylene glycol; and mineral oil."
(~~8~~7) In IPC, Section 202, the definition for "Essentially Toxic Transfer Fluid" is deleted and replaced with the following:
"ESSENTIALLY TOXIC TRANSFER FLUID. Soil, waste, or gray water; and any fluid that is not an essentially nontoxic transfer fluid under this code."
(~~9~~8) In IPC, Section 202, the following definition is added: "High Hazard. See Contamination."
(~~10~~9) In IPC, Section 202, the following definition is added: "Low Hazard. See Pollution."
(10) In IPC, Section 202, the following definition is added: "Motor Vehicle Waste Disposal Well. An injection well that discharges to the subsurface by way of a floor drain, septic system, French drain, dry well, or similar system that receives or has received fluid from a facility engaged in vehicular repair or maintenance activities, including an auto body repair shop, automotive

repair shop, new and used car dealership, specialty repair shop, or any other facility that does any vehicular repair work. A motor vehicle waste disposal well is subject to rulemaking under Section 1-5-104 regarding underground injection."

(11) In IPC, Section 202, the following definition is added: "Pollution (Low Hazard). An impairment of the quality of the potable water to a degree that does not create a hazard to the public health but that does adversely and unreasonably affect the aesthetic qualities of such potable water for domestic use."

(12) In IPC, Section 202, the definition for "Potable Water" is deleted and replaced with the following: "Potable Water. Water free from impurities present in amounts sufficient to cause disease or harmful physiological effects and conforming to the Utah Code, Title 19, Chapter 4, Safe Drinking Water Act, and Title 19, Chapter 5, Water Quality Act, and the regulations of the public health authority having jurisdiction."

Amended by Chapter 249, 2016 General Session

15A-3-303 Amendments to Chapter 3 of IPC.

(1) In IPC, Section 303.4, the following exception is added:
"Exception: Third-party certification for backflow prevention assemblies will consist of any combination of two certifications, laboratory or field. Acceptable third party laboratory certifying agencies are ASSE, IAPMO, and USC-FCCCHR. USC-FCCCHR currently provides the only field testing of backflow protection assemblies. Also see www.drinkingwater.utah.gov and Division of Drinking Water Rule, Utah Administrative Code, R309-~~305-6~~105-12(4)."

(2) IPC, Section 311.1, is deleted.

(3) In IPC, Section 312.3, the following is added at the end of the paragraph: "Where water is not available at the construction site or where freezing conditions limit the use of water on the construction site, plastic drainage and vent pipe may be permitted to be tested with air. The following procedures shall be followed:

1. Contractor shall recognize that plastic is extremely brittle at lower temperatures and can explode, causing serious injury or death.
2. Contractor assumes all liability for injury or death to persons or damage to property or for claims for labor and/or material arising from any alleged failure of the system during testing with air or compressed gasses.
3. Proper personal protective equipment, including safety eyewear and protective headgear, should be worn by all individuals in any area where an air or gas test is being conducted.
4. Contractor shall take all precautions necessary to limit the pressure within the plastic piping.
5. No drain and vent system shall be pressurized in excess of 6 psi as measured by accurate gauges graduated to no more than three times the test pressure.
6. The pressure gauge shall be monitored during the test period, which should not exceed 15 minutes.
7. At the conclusion of the test, the system shall be depressurized gradually, all trapped air or gases should be vented, and test balls and plugs should be removed with caution."

(4) In IPC, Section 312.5, the following is added at the end of the paragraph:
"Where water is not available at the construction site or where freezing conditions limit the use of water on the construction site, plastic water pipes may be permitted to be tested with air. The following procedures shall be followed:

1. Contractor shall recognize that plastic is extremely brittle at lower temperatures and can explode, causing serious injury or death.
2. Contractor assumes all liability for injury or death to persons or damage to property or for claims for labor and/or material arising from any alleged failure of the system during testing with air or compressed gasses.
3. Proper personal protective equipment, including safety eyewear and protective headgear, should be worn by all individuals in any area where an air or gas test is being conducted.
4. Contractor shall take all precautions necessary to limit the pressure within the plastic piping.
5. Water supply systems shall be pressure tested to a minimum of 50 psi but not more than 80 psi as measured by accurate gauges graduated to no more than three times the test pressure.
6. The pressure gauge shall be monitored during the test period, which should not exceed 15 minutes.
7. At the conclusion of the test, the system shall be depressurized gradually, all trapped air or gases should be vented, and test balls and plugs should be removed with caution."

(5) A new IPC, Section 312.10.3, is added as follows: "312.10.3 Tester Qualifications. Testing shall be performed by a Utah Certified Backflow Preventer Assembly Tester in accordance with Utah Administrative Code, R309-305."

Amended by Chapter 249, 2016 General Session

15A-3-304 Amendments to Chapter 4 of IPC.

(1) In IPC, Table 403.1, the following changes are made:

~~(a) The title for Table 403.1 is deleted and replaced with the following: "Table 403.1, Minimum Number of Required Plumbing Fixtures[a, h]";~~

~~(b)~~(a) In row number "3", ~~for "E" occupancy,~~ in the field for "OTHER", a new footnote ~~g~~ h is added.

~~(c)~~(b) In row number "5", for "~~I-~~4 Adult day care and child day care" occupancy, in the field for "OTHER", a new footnote ~~g~~ h is added.

(c) Footnote f is deleted and replaced with the following: "FOOTNOTE f: The required number and type of plumbing fixtures for outdoor public swimming pools shall be in accordance with the Department of Health's regulation R392-302 Design, Construction, and Operation of Public Pools, Section 25 Restroom and Shower Facilities."

(d) A new footnote ~~f~~ g is added as follows: "FOOTNOTE: ~~f.~~g. When provided, in public toilet facilities, there shall be an equal number of diaper changing facilities in male toilet rooms and female toilet rooms. Diaper changing facilities shall meet the requirements of ASTM F2285-04 (2010) Standard Consumer Safety Performance Specifications for Diaper Changing Tables for Commercial Use."

(e) A new footnote ~~g~~ h is added to the table as follows: "FOOTNOTE ~~g~~ h: Non-residential child care facilities shall comply with the additional sink requirements ~~for sinks~~ ~~in~~ of Utah aAdministrative ~~rule made by the Department of Health~~ Code R381-100-9, R381-70-9, and R381-60-9."

(2) A new IPC, Section 406.3, is added as follows: "406.3 Automatic clothes washer safe pans. Safe pans, when installed under automatic clothes washers, shall be installed in accordance with Section 504.7."

(3) A new IPC, Section ~~412.5~~ 413.5 is added as follows: "~~412.5~~ 413.5 Public toilet rooms. All public toilet rooms ~~in A & E occupancies and M occupancies with restrooms having multiple water closets or urinals~~ shall be equipped with at least one floor drain."
(4) A new IPC, Section 413.6 is added as follows: "Prohibition of motor vehicle waste disposal wells. New and existing motor vehicle waste disposal wells are prohibited. A motor vehicle waste disposal well associated with a single family residence is not subject to this prohibition."
(5) IPC, Section 423.3, is deleted.

Amended by Chapter 249, 2016 General Session

15A-3-305 Amendments to Chapter 5 of IPC.

(1) IPC, Section 502.4, is deleted and replaced with the following: "502.4 Seismic supports. As a minimum requirement, water heaters shall be anchored or strapped to resist horizontal displacement caused by earthquake motion. Strapping shall be at points within the upper one-third and lower one-third of the appliance's vertical dimensions. "
(2) In IPC, Section 504.6, a new number 15. is added as follows: "15. Be installed as per manufacturer's installation instructions, not to exceed 180 degrees in directional change."
(~~2~~3) In IPC, Section 504.7.2, the following is added at the end of the section: "When permitted by the code official, the pan drain may be directly connected to a soil stack, waste stack, or branch drain. The pan drain shall be individually trapped and vented as required in Section 907.1. The pan drain shall not be directly or indirectly connected to any vent. The trap shall be provided with a trap primer conforming to ASSE 1018 or ASSE 1044, a barrier type floor drain trap seal protection device meeting ASSE 1072, or a deep seal p-trap."
(~~3~~4) A new IPC, Section 504.7.3, is added as follows: "504.7.3 Pan Designation. A water heater pan shall be considered an emergency receptor designated to receive the discharge of water from the water heater only and shall not receive the discharge from any other fixtures, devises, or equipment."

Amended by Chapter 249, 2016 General Session

15A-3-306 Amendments to Chapter 6 of IPC.

(1) IPC, Section 602.3, is deleted and replaced with the following: "602.3 Individual water supply. Where a potable public water supply is not available, individual sources of potable water supply shall be utilized provided that the source has been developed in accordance with Utah Code, Sections 73-3-1, 73-3-3, and 73-3-25, as administered by the Department of Natural Resources, Division of Water Rights. In addition, the quality of the water shall be approved by the local health department having jurisdiction. The source shall supply sufficient quantity of water to comply with the requirements of this chapter."
(2) IPC, Sections 602.3.1, 602.3.2, 602.3.3, 602.3.4, 602.3.5, and 602.3.5.1, are deleted.
(3) A new IPC, Section 604.4.1, is added as follows: "604.4.1 Manually operated metering faucets for food service establishments. Self closing or manually operated metering faucets shall provide a flow of water for at least 15 seconds without the need to reactivate the faucet."
(4) IPC, Section 606.5, is deleted and replaced with the following: "606.5 Water pressure booster systems. Water pressure booster systems shall be provided as required by Section 606.5.1 through 606.5.11."
(5) A new IPC, Section 606.5.11, is added as follows: "606.5.11 Prohibited installation. In no case shall a booster pump be allowed that will lower the pressure in the public main to less than the

minimum water pressure specified in Utah Administrative Code R309-105-9."

(6) In IPC, Section 608.1, the words "and pollution" are added after the word "contamination."

(7) In IPC, Section 608.1, the following subsections are added as follows:

"608.1.1 General Installation Criteria.

An assembly shall not be installed more than five feet above the floor unless a permanent platform is installed. The assembly owner, where necessary, shall provide devices or structures to facilitate testing, repair, and maintenance ~~and to insure the safety of the backflow technician~~.

608.1.2 Specific Installation Criteria.

608.1.2.1 Reduced Pressure Principle Blackflow Prevention Assembly.

A reduced pressure principle backflow prevention assembly shall be installed as follows:

a. The assembly shall not be installed in a pit or below grade where the relief port could be submerged in water, or where fumes could be present at the relief port discharge.
b. The relief valve of the assembly shall not be directly connected to a waste disposal line, including a sanitary sewer, storm drain, or vent.
c. The assembly shall be installed in a horizontal position, unless the assembly is listed or approved for vertical installation in accordance with Section 303.4.
d. The bottom of each assembly shall be installed a minimum of 12 inches above the ground or the floor.
e. The body of the assembly shall be a minimum of 12 inches from any wall, ceiling, or obstacle, and shall be readily accessible for testing, repair, and maintenance.

608.1.2.2 Double Check Valve Backflow Prevention Assembly.

A double check valve backflow prevention assembly shall be installed as follows:

a. The assembly shall be installed in a horizontal position unless the assembly is listed or approved for vertical installation.
b. The bottom of the assembly shall be a minimum of 12 inches above the ground or the floor.
c. The body of the assembly shall be a minimum of 12 inches from any wall, ceiling, or obstacle, and shall be readily accessible for testing, repair, and maintenance.
d. If installed in a pit, the assembly shall be installed with a minimum of 12 inches of clearance around all sides of the vault, including the floor and roof or ceiling, with adequate room for testing and maintenance.

608.1.2.3 Pressure Vacuum Breaker Assembly and Spill Resistant Pressure Vacuum Breaker Assembly.

A pressure vacuum breaker assembly and spill resistant pressure vacuum breaker assembly shall be installed as follows:

a. The assembly shall not be installed in an area that could be subject to backpressure or back drainage conditions.
b. The assembly shall be installed a minimum of 12 inches above all downstream piping and the highest point of use.
c. The assembly shall be a minimum of 12 inches from any wall, ceiling, or obstacle, and shall be readily accessible for testing, repair, and maintenance.
d. The assembly shall not be installed below ground or in a vault or pit.
e. The assembly shall be installed in a vertical position."

(8) In IPC, Section 608.3, the word "and" ~~after~~ before the word "contamination" is deleted and replaced with a comma and the words "~~and~~ or pollution" are added after the word "contamination" in the first sentence.

(9) In IPC, Section 608.5~~5~~6, the words “with the potential to create a condition of either contamination or pollution or” are added after the word “substances”.

(10) In IPC, Section 608.6~~6~~7, the following sentence is added at the end of the paragraph: “Any connection between potable water piping and sewer-connected waste shall be protected by an air gap in accordance with Section 608.~~13~~14.1.”

(11) IPC, Section 608.~~7~~8, is deleted and replaced with the following: “608.~~7~~8 Stop and Waste Valves installed below grade. Combination stop-and-waste valves shall be permitted to be installed underground or below grade. Freeze proof yard hydrants that drain the riser into the ground are considered to be stop-and-waste valves and shall be permitted. A stop-and-waste valve shall be installed in accordance with a manufacturer’s recommended installation instructions.”

~~(12) In IPC, Section 608.11, the following sentence is added at the end of the paragraph: “The coating and installation shall conform to NSF Standard 61 and application of the coating shall comply with the manufacturer’s instructions.”~~

(~~13~~12) IPC, Section 608.~~13~~14.3, is deleted and replaced with the following: “608.~~13~~14.3 Backflow preventer with intermediate atmospheric vent. Backflow preventers with intermediate atmospheric vents shall conform to ASSE 1012 or CSA CAN/CSA-B64.3. These devices shall be permitted to be installed on residential boilers only, without chemical treatment, where subject to continuous pressure conditions, and humidifiers in accordance with Section 608.17.10. The relief opening shall discharge by air gap and shall be prevented from being submerged.”

(~~14~~13) IPC, Section 608.~~13~~14.4, is deleted.

~~(15) IPC, Section 608. 13.9, is deleted and replaced with the following: “608.13.9 Chemical dispenser backflow devices. Backflow devices for chemical dispensers shall comply with Section 608.16.7.”~~

(~~16~~14) IPC, Section 608.~~15~~16.3, is deleted and replaced with the following: “608.~~15~~16.3 Protection by a backflow preventer with intermediate atmospheric vent. Connections to residential boilers only, without chemical treatment, and humidifiers shall be protected by a backflow preventer with an intermediate atmospheric vent.”

(~~17~~15) IPC, Section 608.~~15~~16.4, is deleted and replaced with the following: “608.~~15~~16.4 Protection by a vacuum breaker. Openings and outlets shall be protected by atmospheric-type or pressure-type vacuum breakers. Vacuum breakers shall not be installed under exhaust hoods or similar locations that will contain toxic fumes or vapors. Fill valves shall be set in accordance with Section 425.3.1. Atmospheric Vacuum Breakers - The critical level of the atmospheric vacuum breaker shall be set a minimum of 6 inches (152 mm) above the flood level rim of the fixture or device. Pipe-applied vacuum breakers shall be installed not less than 6 inches (152 mm) above the flood level rim of the fixture, receptor, or device served. No valves shall be installed downstream of the atmospheric vacuum breaker. The atmospheric vacuum breaker shall not be installed where it may be subjected to continuous pressure for more than 12 consecutive hours at any time. Pressure Vacuum Breaker - The critical level of the pressure vacuum breaker shall be set a minimum of 12 inches (304 mm) above the flood level of the fixture or device.”

(~~18~~16) In IPC, Section 608.~~15~~16.4.2, the following is added after the first sentence: “Add-on-backflow prevention devices shall be non-removable. In climates where freezing temperatures occur, a listed self-draining frost proof hose bibb with an integral backflow preventer shall be used.”

(17) In IPC, Section 608.17.1.2, the words "or ASSE 1024" are deleted.

(~~19~~18) IPC, Section 608.~~16~~17.2, is deleted and replaced as follows: "608.~~16~~17.2 Connections to boilers. The potable supply to a boiler shall be protected by an air gap or a reduced pressure principle backflow preventer, complying with ASSE 1013, CSA B64.4 or AWWA C511.

Exception: The potable supply to a residential boiler without chemical treatment may be equipped with a backflow preventer with an intermediate atmospheric vent complying with ASSE 1012 or CSA CAN/CSA-B64.3."

(~~20~~19) In IPC, Section 608.~~16~~17.4.1, a new exception is added as follows: "Exception: All class 1 and 2 systems containing chemical additives consisting of strictly glycerin (C.P. or U.S.P. 96.5 percent grade) or propylene glycol shall be protected against backflow with a double check valve assembly. Such systems shall include written certification of the chemical additives at the time of original installation and service or maintenance."

(~~21~~20) IPC, Section 608.~~16~~17.7, is deleted and replaced with the following: "608.~~16~~17.7 Chemical dispensers. Where chemical dispensers connect to the water distribution system, the water supply system shall be protected against backflow in accordance with Section 608.~~13~~14.1, Section 608.~~13~~14.2, Section 608.~~13~~14.5, Section 608.~~13~~14.6 or Section 608.~~13~~14.8. Installation shall be in accordance with Section 608.1.2. Chemical dispensers shall connect to a separate dedicated water supply line, and not a sink faucet."

(~~22~~21) IPC, Section 608.~~16~~17.8, is deleted and replaced with the following: "608.~~16~~17.8 Portable cleaning equipment. Where the portable cleaning equipment connects to the water distribution system, the water supply system shall be protected against backflow in accordance with Section 608.~~13~~14.1 or Section 608.~~13~~14.2."

(~~23~~22) A new IPC, Section 608.~~16~~17.11, is added as follows: "608.~~16~~17.11 Automatic and coin operated car washes. The water supply to an automatic or coin operated car wash shall be protected in accordance with Section 608.~~13~~14.1 or Section 608.~~13~~14.2."

(~~24~~23) IPC, Section 608.~~17~~18, is deleted and replaced with the following: "608.~~17~~18 Protection of individual water supplies. See Section 602.3 for requirements."

Amended by Chapter 249, 2016 General Session

15A-3-307 Amendments to Chapter 7 of IPC.

(1) IPC, Section 701.2, is deleted and replaced with the following: "701.2 Sewer required. Every building in which plumbing fixtures are installed and all premises having drainage piping shall be connected to a public sewer where the sewer is accessible and is within 300 feet of the property line in accordance with Utah Code, ~~Section~~ Title10-8-38; or an approved private sewage disposal system in accordance with Utah Administrative Code, Rule R317-4, as administered by the Department of Environmental Quality, Division of Water Quality."

(2) A new IPC Section 701.8 is added as follows: "701.8 Drainage piping in food service areas. Exposed soil or waste piping shall not be installed above any working, storage, or eating surfaces in food service establishments."

(~~2~~)(3) In IPC, Section 712.3.3.1, the following words are added before the word "last or": "stainless steel, cast iron, galvanized steel, brass".

Amended by Chapter 297, 2013 General Session

15A-3-308 Amendments to Chapter 8 of IPC.
In IPC, Section 802.1.1, the last sentence is deleted.

Amended by Chapter 249, 2016 General Session

15A-3-309 Amendments to Chapter 9 of IPC.
(1) In IPC, Section 903.1, when the number of inches is to be specified, “12 inches (304.8mm)” is inserted.
(2) In IPC, Section 903.6, the following sentence is added at the end of the paragraph: “Vents extending through the wall shall terminate not less than 12 inches from the wall with an elbow pointing downward.”
(3) In IPC, Section 905.4, the following sentence is added at the end of the paragraph: “Horizontal dry vents below the flood level rim shall be permitted for floor drain, floor sink, and bath tub installations when installed in accordance with Sections 702.2, 905.2 and 905.3 and provided with a wall clean out.”

Amended by Chapter 297, 2013 General Session

15A-3-310 Amendments to Chapter 10 of IPC.
~~IPC, Chapter 10, is not amended.~~
(1) In IPC, Section 1003.3.8, the word “gravity” is inserted before the word “grease”.
Amended by Chapter 249, 2016 General Session

15A-3-311 Amendments to Chapter 11 of IPC.
(1) A new IPC, Section 1106.1.1, is added as follows:
”1106.1.1 Alternate Methods.
An approved alternate storm drain sizing method may be allowed.”
(2) IPC, Section 1109, is deleted.

Amended by Chapter 249, 2016 General Session

15A-3-312 Amendments to Chapter 12 of IPC.
IPC, Chapter 12, is not amended.

Enacted by Chapter 14, 2011 General Session

15A-3-313 Amendments to Chapter 13 of IPC.
(1) A new IPC, Section 1301.4.1, is added as follows:
”1301.4.1 Recording.
The existence of a nonpotable water system shall be recorded on the deed of ownership for the property. The certificate of occupancy shall not be issued until the documentation for the recording required under this section is completed by the property owner.”
(2) IPC, Section 1301.5, is deleted and replaced with the following:
”1301.5 Potable water connections.
Where a potable water system is connected to a nonpotable water system, the potable water supply shall be protected against backflow by a reduced pressure backflow prevention assembly or an air gap installed in accordance with Section 608.”

(3) IPC, Section 1301.9.5, is deleted and replaced with the following:
”1301.9.5 Makeup water.
Where an uninterrupted supply is required for the intended application, potable or reclaimed water shall be provided as a source of makeup water for the storage tank. The makeup water supply shall be protected against backflow by a reduced pressure backflow prevention assembly or an air gap installed in accordance with Section 608. A full-open valve located on the makeup water supply line to the storage tank shall be provided. Inlets to the storage tank shall be controlled by fill valves or other automatic supply valves installed to prevent the tank from overflowing and to prevent the water level from dropping below a predetermined point. Where makeup water is provided, the water level shall not be permitted to drop below the source water inlet or the intake of any attached pump.”

(4) IPC, Section 1302.12.4, is deleted and replaced with the following:
”1302.12.4 Inspection and testing of backflow prevention assemblies.
Testing of a backflow preventer shall be conducted in accordance with Sections 312.10.1, 312.10.2, and 312.10.3.”

(5) IPC, Section 1303.15.6, is deleted and replaced with the following:
”1303.15.6 Inspection and testing of backflow prevention assemblies.
Testing of a backflow prevention assembly shall be conducted in accordance with Sections 312.10.1, 312.10.2, and 312.10.3.”

(6) IPC, Section 1304.4.2, is deleted and replaced with the following:
”1304.4.2 Inspection and testing of backflow prevention assemblies.
Testing of a backflow preventer or backwater valve shall be conducted in accordance with Sections 312.10.1, 312.10.2, and 312.10.3.”

Amended by Chapter 249, 2016 General Session

15A-3-314 Amendments to Chapter 14 of IPC.

IPC, Chapter 14, is deleted and replaced with the following:
“1401. Subsurface Landscape Irrigation Systems.
~~Gray Water~~ Graywater recycling systems utilized for subsurface irrigation for single-family residences shall comply with the requirements of UAC R317-401, ~~Gray Water~~ Graywater Systems. ~~Gray Water~~ Graywater recycling systems utilized for subsurface irrigation for other occupancies shall comply with UAC R317-3, Design Requirements for Wastewater Collection, Treatment, and Disposal Systems, and UAC R317-4, Onsite ~~Waterwaste~~ Wastewater Systems.”

Amended by Chapter 249, 2016 General Session

15A-3-315 Amendments to Chapter 15 of IPC.

In IPC, Chapter 15, the following referenced standard is added:

”Standard reference number	Title	Reference
USC-FCCCHR 10th Edition Manual of	Foundation for Cross-Connection Control and Hydraulic Research	Table 608

Cross Connection Control	University of Southern California Kaprielian Hall 300 Los Angeles CA 90089-2531

Enacted by Chapter 249, 2016 General Session

Part 4
Statewide Amendments to International Mechanical Code

15A-3-401 General provisions.

(1) The amendments in this part are adopted as amendments to the IMC to be applicable statewide.

(2) In IMC, Section 1004.2, the first sentence is deleted and replaced with the following: "In accordance with Title 34A, Chapter 7, Safety, and requirements made by rule by the Labor Commission, boilers and pressure vessels in Utah are regulated by the Utah Labor Commission, Division of Boiler, Elevator and Coal Mine Safety, except those located in private residences or in apartment houses of less than five family units. Boilers shall be installed in accordance with their listing and labeling, with minimum clearances as prescribed by the manufacturer's installation instructions and the state boiler code, whichever is greater."

(3) In IMC, Section 1004.3.1, the word "unlisted" is inserted before the word "boilers".

~~(4) IMC, Section 1101.10, is deleted.~~

(~~5~~4) In IMC, Section 1209.3, the following words are added at the end of the section: "or other methods approved for the application."

Amended by Chapter 14, 2017 General Session

15A-3-402 Amendments to Chapters 1 through 5 of the International Mechanical Code.

~~(1) In IMC, Table 403.3, note h is deleted and replaced with the following:~~

~~"h. 1. A nail salon shall provide each manicure station where a nail technician files or shapes an acrylic nail, as defined by rule by the Division of Occupational and Professional Licensing, in accordance with Title 63G, Chapter 3, Utah Administrative Rulemaking Act, with:~~

~~a. a source capture system equipped with, at minimum, a MERV 8 particulate filter and an activated carbon filter that is capable of filtering and recirculating air to inside space at a rate not less than 50 cfm per station; or~~

~~b. a source capture system capable of exhausting not less than 50 cfm per station.~~

~~c. A nail salon that complies with Note h. 1a or h. 1b is not required to comply with the labeling, listing, or testing requirements described in International Mechanical Code sections 301.7 or 301.8.~~

~~2. For a source capture system described in paragraph 1, the source capture system inlets for exhausting or recirculating air shall be located in accordance with Section 502.20.~~

~~3. Where one or more exhausting source capture systems described in paragraph 1 operate continuously during occupancy, the source capture system exhaust rate shall be permitted to be applied to the exhaust flow rate required by Table 403.3.1.1 for the nail salon.~~

~~4. The requirements of this note apply to:~~

~~a. an existing nail salon that remodels the nail salon after July 1, 2017;~~

~~b. a new nail salon that begins construction after July 1, 2017; and~~

~~c. all nail salons beginning on July 1, 2020."~~

~~(2) In IMC, Section 502.20 is deleted and rewritten as follows: "502.20 Manicure stations. A nail salon that files or shapes an acrylic nail shall provide each manicure station with a source capture system in accordance with Table 403.3.1.1, note h. For a manicure table that does not have factory-installed source capture system inlets for recirculating or exhausting air, a nail salon shall provide the manicure table with inlets for recirculating or exhausting air located not more than 12 inches (305 mm) horizontally and vertically from the point of any acrylic chemical application.~~

~~Exception: Section 502.20 applies to a manicure station in:~~

~~a. an existing nail salon that remodels the nail salon after July 1, 2017;~~

~~b. a new nail salon that begins construction after July 1, 2017; and~~

~~c. all nail salons beginning on July 1, 2020."~~

(1) In IMC, Section 602.2, the word "supply" is added at the beginning of the last sentence and the word "direct" is added before the word "evaporative".

(2) In IMC, Section 603.5.1, the word "supply" is added at the beginning of the last sentence and the word "direct" is added before the word "evaporative".

Enacted by Chapter 14, 2017 General Session

Part 5
Statewide Amendments to International Fuel Gas Code

15A-3-501 General provisions.

The following are adopted as an amendment to the IFGC to be applicable statewide:

(1) In IFGC, Section 404.9, a new Section 404.9.1, is added as follows: "404.9.1 Meter protection. Fuel gas services shall be in an approved location and/or provided with structures designed to protect the fuel gas meter and surrounding piping from physical damage, including falling, moving, or migrating ice and snow. If an added structure is used, it must still provide access for service and comply with the IBC or the IRC."

(2) IFGC, Section 409.5.3, is deleted.

(3) In IFGC, Section 502.1, the last sentence is deleted.

(4) In IFGC, Section 503.4.1, the words "labeled in accordance with the product standards specified by the appliance manufacturer or shall be" are deleted.

(5) In IFGC, Section 503.6.11.1, the following exception is added.

"Exception: Existing and replacement Category I appliances may be located in rooms within the occupiable space provided all the following are met:

1. The original installation was compliant with existing codes at the time of installation.
2. The dwelling must be equipped with a current, operable carbon monoxide detector, installed in accordance with Section 915 of the International Building Code.
3. The AHJ has approved a replacement based on the extreme difficulty to install individual Category I vent systems, or a direct vent Category IV appliance.
4. The room or space is used for no other purpose.
5. Combustion air is provided in accordance with Section 304. Where outdoor combustion air

is provided, the room must be provided with a solid weather-stripped door equipped with an approved self-closure device.

6. Common vents shall terminate with a listed cap."

(~~3~~ 6) In IFGC, Section 631.2, the following sentence is inserted before the first sentence: " In accordance with Title 34A, Chapter 7, Safety, and requirements made by rule by the Labor Commission, boilers and pressure vessels in Utah are regulated by the Utah Labor Commission, Division of Boiler, Elevator and Coal Mine Safety, except those located in private residences or in apartment houses of less than five family units. Boilers shall be installed in accordance with their listing and labeling, with minimum clearances as prescribed by the manufacturer's installation instructions and the state boiler code, whichever is greater."

Amended by Chapter 249, 2016 General Session

Part 6
Statewide Amendments to National Electrical Code

15A-3-601 General provisions.

The following are adopted as amendments to the NEC to be applicable statewide:

(1) The IRC provisions are adopted as the residential electrical standards applicable to residential installations under the IRC. All other installations shall comply with the adopted NEC.

(2) In NEC, Section 210.8(B), the words "and three phase receptacles rated 150 volts to ground or less, 100 amperes or less" are deleted.

(3) NEC, Section 210.71 is deleted.

(4) In NEC, Section 240.67, the words "January 1, 2020" are deleted and replaced with "upon adoption of the 2020 NEC".

Amended by Chapter 249, 2016 General Session

Part 7
Statewide Amendments to International Energy Conservation Code

15A-3-701 General provisions.

The following is adopted as an amendment to the IECC to be applicable statewide:

(1) In IECC, Section C403.2.9.1.3, the words "by the designer" are deleted.

(2) In IECC, Section R103.2, all words after the words "herein governed." are deleted and replaced with the following: "Construction documents include all documentation required to be submitted in order to issue a building permit."

(3) In IECC, Section R303.3, all wording after the first sentence is deleted.

(4) In IECC, Section R401.2, a new number 4 is added as follows:

"4. Compliance may be shown by demonstrating a result, using the software RESCheck 2012 Utah Energy Conservation Code, of:

(a) on or after January 1, 2017, and before January 1, 2019, "3 percent better than code";

(b) on or after January 1, 2019, and before January 1, 2021, "4 percent better than code";

and

(c) after January 1, 2021, “5 percent better than code””.

(5) In IECC, Table R402.2, in the column entitled MASS WALL R-VALUE, a new footnote j is added as follows:

”j. Log walls complying with ICC400 and with a minimum average wall thickness of 5 inches or greater shall be permitted in Zones 5 through 8 when overall window glazing has a .31 U-factor or lower, minimum heating equipment efficiency is, for gas, 90 AFUE, or, for oil, 84 AFUE, and all other component requirements are met.”

(6) In IECC, Section R402.4.1, in the first sentence, the word “and” is deleted and replaced with the word “or”.

(7) In IECC, Section R402.4.1.1, the last sentence is deleted and replaced with the following: “Where allowed by the code official, the builder may certify compliance to components criteria for items which may not be inspected during regularly scheduled inspections.”

(8) In IECC, Section R402.4.1.2, the following changes are made:

(a) In the first sentence:

(i) on or after January 1, 2019, and before January 1, 2021, replace the word “five” with “3.5”; and

(ii) after January 1, 2021, replace the word “five” with “three.”

(b) In the first sentence, the words “in Climate Zones 1 and 2, and three air changes per hour in Climate Zones 3 through 8” are deleted.

(c) In the third sentence, the word “third” is deleted.

(d) The following sentence is inserted after the third sentence: “The following parties shall be approved to conduct testing: Parties certified by BPI or RESNET, or licensed contractors who have completed training provided by Blower Door Test equipment manufacturers or other comparable training.”

(9) In IECC, Section R403.3.3:

(a) the exception for duct air leakage testing is deleted; and

(b) the exception for duct air leakage is replaced:

(i) on or after January 1, 2017, and before January 1, 2019, with the following: “Exception: The total leakage test is not required for systems with all air handlers and at least 65% of all ducts (measured by length) located entirely within the building thermal envelope.”;

(ii) on or after January 1, 2019, and before January 1, 2021, with the following: “Exception: The duct air leakage test is not required for systems with all air handlers and at least 75% of all ducts (measured by length) located entirely within the building thermal envelope.”; and

(iii) on or after January 1, 2021, with the following: “Exception: The duct air leakage test is not required for systems with all air handlers and at least 80% of all ducts (measured by length) located entirely within the building thermal envelope.”

(10) In IECC, Section R403.3.3, the following is added after the exception:

”The following parties shall be approved to conduct testing:

1. Parties certified by BPI or RESNET.
2. Licensed contractors who have completed training provided by Duct Test equipment manufacturers or other comparable training.”

(11) In IECC, Section R403.3.4:

(a) in Subsection 1, the number 4 is changed to 8, the number 113.3 is changed to 170, the number 3 is changed to 6, and the number 85 is changed to 114.6; and

(b) in Subsection 2:
(i) on or after January 1, 2017, and before January 1, 2019, the number 4 is changed to 8 and the number 113.3 is changed to 226.5;
(ii) on or after January 1, 2019, and before January 1, 2021, the number 4 is changed to 7 and the number 113.3 is changed to 198.2; and
(iii) on or after January 1, 2021, the number 4 is changed to 6 and the number 113.3 is changed to 169.9.

(12) In IECC, Section R403.3.5, the words "or plenums" are deleted.
(13) In IECC, Section R403.5.3, Subsection 5 is deleted and Subsections 6 and 7 are renumbered.
(14) In IECC, Section R406.4, the table is deleted and replaced with the following:

TABLE R406.4
MAXIMUM ENERGY RATING INDEX

CLIMATE ZONE	ENERGY RATING INDEX
3	65
5	69
6	68

Amended by Chapter 249, 2016 General Session

Part 8
Statewide Amendments to International Existing Building Code

15A-3-801 General provisions.

The following are adopted as amendments to the IEBC and are applicable statewide:

(1) In Section 202, the following definition is added: "BUILDING OFFICIAL. See Code Official."
(2) In Section 202, the definition for "code official" is deleted and replaced with the following: "CODE OFFICIAL. The officer or other designated authority having jurisdiction (AHJ) charged with the administration and enforcement of this code."
(3) In Section 202, the definition for existing buildings is deleted and replaced with the following: "EXISTING BUILDING. A building that is not a dangerous building and that was either lawfully erected under a prior adopted code, or deemed a legal non-conforming building by the code official."
(4) In Section ~~301.1~~ 301.3, the exception is deleted.
(5) Section ~~403.5~~ 503.6 is deleted and replaced with the following:

"~~403.5~~ 503.6 Bracing for unreinforced masonry parapets and other appendages upon reroofing. Where the intended alteration requires a permit for reroofing and involves removal of roofing materials from more than 25% of the roof area of a building assigned to Seismic Design Category D, E, or F that has parapets constructed of unreinforced masonry or appendages such as cornices, spires, towers, tanks, signs, statuary, etc., the work shall include installation of bracing to resist out-of-plane seismic forces, unless an evaluation demonstrates compliance of such items. ~~For purposes of this section, design seismic forces need not be taken greater than 75% of those that would be required for the design of similar nonstructural components in new buildings of similar purpose and location~~. For purpose of design, reduced seismic forces

shall be permitted."

(6) In Section 705.1, Exception number 3, the following is added at the end of the exception: "This exception does not apply if the existing facility is undergoing a change of occupancy classification."

(7) Section ~~707.3.1~~ 706.3.1 is deleted and replaced with the following:
"~~707.3.1~~ 706.3.1Bracing for unreinforced masonry bearing wall parapets and other appendages. Where a permit is issued for reroofing more than 25 percent of the roof area of a building assigned to Seismic Design Category D, E, or F that has parapets constructed of unreinforced masonry or appendages such as cornices, spires, towers, tanks, signs, statuary, etc., the work shall include installation of bracing to resist the reduced International Building Code level seismic forces as specified in Section ~~301.1.4.2~~ 303 of this code unless an evaluation demonstrates compliance of such items."

(8) Section 906.6 is deleted and replaced with the following:
906.6 Bracing for unreinforced masonry parapets and other appendages upon reroofing. Where the intended alteration requires a permit for reroofing and involves removal of roofing materials from more than 25% of the roof area of a building assigned to Seismic Design Category D, E, or F that has parapets constructed of unreinforced masonry or appendages such as cornices, spires, towers, tanks, signs, statuary, etc., the work shall include installation of bracing to resist out-of-plane seismic forces, unless an evaluation demonstrates compliance of such items. For purpose of design, reduced seismic forces shall be permitted.

~~(8)~~(9)

(a) Section ~~1007.3.1~~ 1006.3 is deleted and replaced with the following:
"~~1007.3.1~~ 1006.3 ~~Compliance with the International Building Code Level~~ Seismic ~~Forces~~ Loads.
~~When a building or portion thereof is subject to a change of occupancy such that a change in the nature of the occupancy results in a higher risk category based on Table 1604.5 of the International Building Code or when such change of occupancy results in a design occupant load increase of 100% or more, the building shall conform to the seismic requirements of the International Building Code for the new risk category.~~
Where a change of occupancy results in a building being assigned to a higher risk category, or when such change of occupancy results in a design occupant load increase of 100% or more, the building shall satisfy the requirements of Section 1613 of the International Building Code using full seismic forces."

(b) Section ~~1007.3.1~~ 1006.3, exceptions 1 through 3 remain unchanged.

(c) In Section ~~1007.3.1~~ 1006.3, add a new exception 4 as follows:
"4. Where the design occupant load increase is less than 25 occupants and the occupancy category does not change."

~~(9)~~(10) In Section 1012.7.3, exception 2 is deleted.

~~(10)~~(11) In Section 1012.8.2, number 7 is added as follows:
"7. When a change of occupancy in a building or portion of a building results in a Group R-2 occupancy, not less than 20% of the dwelling or sleeping units shall be Type B dwelling or sleeping units. These dwelling or sleeping units may be located on any floor of the building provided with an accessible route. Two percent, but not less than one unit, of the dwelling or sleeping units shall be Type A dwelling units."

Amended by Chapter 249, 2016 General Session

Part 9
Installation and Safety Requirements for Mobile Homes Built Before June 15, 1976

15A-3-901 General provisions.

Mobile homes built before June 15, 1976, that are subject to relocation, building alteration, remodeling, or rehabilitation shall comply with the following:

(1) Related to exits and egress windows:

(a) Egress windows. The home has at least one egress window in each bedroom, or a window that meets the minimum specifications of the United States Department of Housing and Urban Development's (HUD) Manufactured Homes Construction and Safety Standards (MHCSS) program as set forth in 24 C.F.R. Parts 3280 and 3282, MHCSS 3280.106 and 3280.404 for manufactured homes. These standards require the window to be at least 22 inches in the horizontal or vertical position in its least dimension and at least five square feet in area. The bottom of the window opening shall be no more than 36 inches above the floor, and the locks and latches and any window screen or storm window devices that need to be operated to permit exiting shall not be located more than 54 inches above the finished floor.

(b) Exits. The home is required to have two exterior exit doors, located remotely from each other, as required in MHCSS 3280.105. This standard requires that a single-section home have the doors no less than 12 feet, center-to-center, from each other, and a multisection home have the doors no less than 20 feet, center-to-center, from each other, when measured in a straight line, regardless of the length of the path of travel between the doors. One of the required exit doors must be accessible from the doorway of each bedroom and no more than 35 feet away from any bedroom doorway. An exterior swing door shall have a 28-inch-wide by 74-inch-high clear opening and sliding glass doors shall have a 28-inch-wide by 72-inch-high clear opening. Each exterior door other than screen/storm doors shall have a key-operated lock that has a passage latch; locks shall not require the use of a key or special tool for operation from the inside of the home.

(2) Related to flame spread:

(a) Walls, ceilings, and doors. Walls and ceilings adjacent to or enclosing a furnace or water heater shall have an interior finish with a flame-spread rating not exceeding 25. Sealants and other trim materials two inches or less in width used to finish adjacent surfaces within these spaces are exempt from this provision, provided all joints are supported by framing members or materials with a flame spread rating of 25 or less. Combustible doors providing interior or exterior access to furnace and water heater spaces shall be covered with materials of limited combustibility (i.e., 5/16-inch gypsum board, etc.), with the surface allowed to be interrupted for louvers ventilating the space. However, the louvers shall not be of materials of greater combustibility than the door itself (i.e., plastic louvers on a wooden door). Reference MHCSS 3280.203.

(b) Exposed interior finishes. Exposed interior finishes adjacent to the cooking range (surfaces include vertical surfaces between the range top and overhead cabinets, the ceiling, or both) shall have a flame-spread rating not exceeding 50, as required by MHCSS 3280.203. Backsplashes not exceeding six inches in height are exempted. Ranges shall have a vertical clearance above the cooking top of not less than 24 inches to the bottom of combustible cabinets, as required by MHCSS 3280.204(e).

(3) Related to smoke detectors:

(a) Location. A smoke detector shall be installed on any ceiling or wall in the hallway or

space communicating with each bedroom area between the living area and the first bedroom door, unless a door separates the living area from that bedroom area, in which case the detector shall be installed on the living-area side, as close to the door as practicable, as required by MHCSS 3280.208. Homes with bedroom areas separated by any one or combination of common-use areas such as a kitchen, dining room, living room, or family room (but not a bathroom or utility room) shall be required to have one detector for each bedroom area. When located in the hallways, the detector shall be between the return air intake and the living areas.

(b) Switches and electrical connections. Smoke detectors shall have no switches in the circuit to the detector between the overcurrent protection device protecting the branch circuit and the detector. The detector shall be attached to an electrical outlet box and connected by a permanent wiring method to a general electrical circuit. The detector shall not be placed on the same branch circuit or any circuit protected by a ground-fault circuit interrupter.

(4) Related to solid-fuel-burning stoves/fireplaces:

(a) Solid-fuel-burning fireplaces and fireplace stoves. Solid-fuel-burning, factory-built fireplaces and fireplace stoves may be used in manufactured homes, provided that they are listed for use in manufactured homes and installed according to their listing/manufacturer's instructions and the minimum requirements of MHCSS 3280.709(g).

(b) Equipment. A solid-fuel-burning fireplace or fireplace stove shall be equipped with an integral door or shutters designed to close the fire chamber opening and shall include complete means for venting through the roof, a combustion air inlet, a hearth extension, and means to securely attach the unit to the manufactured home structure.

(i) Chimney. A listed, factory-built chimney designed to be attached directly to the fireplace/fireplace stove and equipped with, in accordance with the listing, a termination device and spark arrester shall be required. The chimney shall extend at least three feet above the part of the roof through which it passes and at least two feet above the highest elevation of any part of the manufactured home that is within 10 feet of the chimney.

(ii) Air-intake assembly and combustion-air inlet. An air-intake assembly shall be installed in accordance with the terms of listings and the manufacturer's instruction. A combustion-air inlet shall conduct the air directly into the fire chamber and shall be designed to prevent material from the hearth from dropping on the area beneath the manufactured home.

(iii) Hearth. The hearth extension shall be of noncombustible material that is a minimum of 3/8-inch thick and shall extend a minimum of 16 inches in front and eight inches beyond each side of the fireplace/fireplace stove opening. The hearth shall also extend over the entire surface beneath a fireplace stove and beneath an elevated and overhanging fireplace.

(5) Related to electrical wiring systems:

(a) Testing. All electrical systems shall be tested for continuity, in accordance with MHCSS 3280.810, to ensure that metallic parts are properly bonded; tested for operation, to demonstrate that all equipment is connected and in working order; and given a polarity check, to determine that connections are proper.

(b) 5.2 Protection. The electrical system shall be properly protected for the required amperage load. If the unit wiring employs aluminum conductors, all receptacles and

switches rated at 20 amperes or less that are directly connected to the aluminum conductors shall be marked CO/ALA. Exterior receptacles, other than heat tape receptacles, shall be of the ground-fault circuit interrupter (GFCI) type. Conductors of dissimilar metals (copper/aluminum or copper-clad aluminum) must be connected in accordance with NEC, Section 110-14.

(6) Related to replacement furnaces and water heaters:

(a) Listing. Replacement furnaces or water heaters shall be listed for use in a manufactured home. Vents, roof jacks, and chimneys necessary for the installation shall be listed for use with the furnace or water heater.

(b) Securement and accessibility. The furnace and water heater shall be secured in place to avoid displacement. Every furnace and water heater shall be accessible for servicing, for replacement, or both as required by MHCSS 3280.709(a).

(c) Installation. Furnaces and water heaters shall be installed to provide complete separation of the combustion system from the interior atmosphere of the manufactured home, as required by MHCSS.

(i) Separation. The required separation may be achieved by the installation of a direct-vent system (sealed combustion system) furnace or water heater or the installation of furnace and water heater venting and combustion systems from the interior atmosphere of the home. There shall be no doors, grills, removable access panels, or other openings into the enclosure from the inside of the manufactured home. All openings for ducts, piping, wiring, etc., shall be sealed.

(ii) Water heater. The floor area in the area of the water heater shall be free from damage from moisture to ensure that the floor will support the weight of the water heater.

Enacted by Chapter 249, 2016 General Session

Chapter 4
Local Amendments Incorporated as Part of State Construction Code

Part 1
Local Amendments to International Building Code

15A-4-101 General provision.

The amendments in this part are adopted as amendments to the IBC to be applicable to the specified jurisdiction.

Enacted by Chapter 14, 2011 General Session

15A-4-105 Amendments to IBC applicable to Park City Corporation or Park City Fire District.

(1) The following amendment is adopted as an amendment to the IBC for the Park City Corporation, in IBC, Section 3409.2, exception 3, is modified to read as follows: “3. Designated as historic under a state or local historic preservation program.”

(2) The following amendments are adopted as amendments to the IBC for the Park City Corporation and Park City Fire District:

(a) IBC, Section (F)903.2, is deleted and replaced with the following: "(F)903.2 Where required. Approved automatic sprinkler systems in new buildings and structures shall be provided in the location described in this section.

1. All new construction having more than 6,000 square feet on any one floor, except R-3 occupancy.
2. All new construction having more than two (2) stories, except R-3 occupancy.
3. All new construction in the Historic Commercial Business zone district, regardless of occupancy.
4. All new construction and buildings in the General Commercial zone district where there are side yard setbacks or where one or more side yard setbacks is less than two and one half (2.5) feet per story of height.
5. All existing building within the Historic District Commercial Business zone."; and

(b) In IBC, Table 1505.1, new footnotes d and e are added as follows:

"d. Wood roof covering assemblies are prohibited in R-3 occupancies in areas with a combined rating of more than 11 using Tables 1505.1.1 and 1505.1.2 with a score of 9 for weather factors.

e. Wood roof covering assemblies shall have a Class A rating in occupancies other than R-3 in areas with a combined rating of more than 11 using Tables 1505.1.1 and 1505.1.2 with a score of 9 for weather factors. The owner of the building shall enter into a written and recorded agreement that the Class A rating of the roof covering assembly will not be altered through any type of maintenance process.

TABLE 1505.1.1

WILDFIRE HAZARD SEVERITY SCALE

RATING	SLOPE	VEGETATION
1	less than or equal to 10%	Pinion-juniper
2	10.1 - 20%	Grass-sagebrush
3	greater than 20%	Mountain brush or softwoods

TABLE 1505.1.2

PROHIBITION/ALLOWANCE OF WOOD ROOFING

Rating	R-3 Occupancy	All Other Occupancies
Less than or equal to 11	Wood roof covering assemblies per Table 1505.1 are allowed	Wood roof covering assemblies per Table 1505.1 are allowed

	Greater than or equal to 12	Wood roof covering is prohibited	Wood roof covering assemblies with a Class A rating are allowed"

Amended by Chapter 341, 2017 General Session

15A-4-106 Amendments to IBC applicable to Salt Lake City.

The following amendment is adopted as an amendment to the IBC for Salt Lake City, in IBC, Section 1008.1.9.7, a new exception is added as follows: "Exception: In International Airport areas designated as Group "A" Occupancies where national security interests are present, the use of panic hardware with delayed egress is allowed when all provisions of Section 1008.1.9.7 are met and under item #4 1 second is changed to 2 seconds."

Enacted by Chapter 14, 2011 General Session

15A-4-107 Amendments to IBC applicable to Sandy City.

The following amendments are adopted as amendments to the IBC for Sandy City:

(1) A new IBC, Section (F)903.2.13, is added as follows: "(F)903.2.13 An automatic sprinkler system shall be installed in accordance with NFPA 13 throughout buildings containing all occupancies where fire flow exceeds 2,000 gallons per minute, based on Table B105.1(2) of the ~~2015~~ 2018 International Fire Code. A one- or two-family dwelling or a town home is not required to have a fire sprinkler system except in accordance with Section 15A-5-203."

(2) A new IBC, Appendix ~~L~~N, is added and adopted as follows: "Appendix L BUILDINGS AND STRUCTURES CONSTRUCTED IN AREAS DESIGNATED AS WILDLAND-URBAN INTERFACE AREAS
AL 101.1 General. Buildings and structures constructed in areas designated as Wildland-Urban Interface Areas by Sandy City shall be constructed using ignition resistant construction as determined by the Fire Marshal. Section 502 of the 2006 International Wildland-Urban Interface Code (IWUIC), as promulgated by the International Code Council, shall be used to determine Fire Hazard Severity. The provisions listed in Chapter 5 of the 2006 International Wildland-Urban Interface Code, as modified herein, shall be used to determine the requirements for Ignition Resistant Construction."

(3) In Section 504 of the IWUIC Class I IGNITION-RESISTANT CONSTRUCTION a new Section 504.1.1 is added as follows: "504.1.1 General. Subsections 504.5, 504.6, and 504.7 shall only be required on the exposure side of the structure, as determined by the fire code official, where defensible space is less than 50 feet as defined in Section 603 of the 2006 International Wildland-Urban Interface Code."

(4) In Section 505 of the IWUIC Class 2 IGNITION-RESISTANT CONSTRUCTION Subsections 505.5 and 505.7 are deleted.

Amended by Chapter 341, 2017 General Session

Part 2
Local Amendments to International Residential Code

15A-4-201 General provision.
The amendments in this part are adopted as amendments to the IRC to be applicable to specified jurisdiction.

Amended by Chapter 341, 2017 General Session

15A-4-206 Amendments to IRC applicable to Park City Corporation or Park City Fire District.
(1) The following amendment is adopted as an amendment to the IRC for the Park City Corporation, Appendix P, of the 2006 IRC is adopted.
(2) The following amendments are adopted as amendments to the IRC for Park City Corporation and Park City Fire District:
(a) IRC, Section R905.7, is deleted and replaced with the following: "R905.7 Wood shingles. The installation of wood shingles shall comply with the provisions of this section.
Wood roof covering is prohibited in areas with a combined rating of more than 11 using the following tables with a score of 9 for weather factors.

TABLE		
WILDFIRE HAZARD SEVERITY SCALE		
RATING	SLOPE	VEGETATION
1	less than or equal to 10%	Pinion-juniper
2	10.1 - 20%	Grass-sagebrush
3	greater than 20%	Mountain brush or softwoods

PROHIBITION/EXEMPTION TABLE	
RATING	WOOD ROOF PROHIBITION
less than or equal to 11	wood roofs are allowed
greater than or equal to 12	wood roofs are prohibited"

(b) IRC, Section R905.8, is deleted and replaced with the following: "R905.8 Wood Shakes. The installation of wood shakes shall comply with the provisions of this section. Wood roof covering is prohibited in areas with a combined rating of more than 11 using the following tables with a score of 9 for weather factors.

TABLE		
WILDFIRE HAZARD SEVERITY SCALE		
RATING	SLOPE	VEGETATION
1	less than or equal to 10%	Pinion-juniper
2	10.1 - 20%	Grass-sagebrush
3	greater than 20%	Mountain brush or softwoods

PROHIBITION/EXEMPTION TABLE	
RATING	WOOD ROOF PROHIBITION
less than or equal to 11	wood roofs are allowed
greater than or equal to 12	wood roofs are prohibited”

(c) Appendix K is adopted.

Enacted by Chapter 14, 2011 General Session

15A-4-207 Amendments to IRC applicable to Sandy City.

The following amendment is adopted as an amendment to the IRC for Sandy City, a new IRC, Section R324, is added as follows: “Section R324 IGNITION RESISTANT CONSTRUCTION

R324.1 General. Buildings and structures constructed in areas designated as Wildland-Urban Interface Areas by Sandy City shall be constructed using ignition resistant construction as determined by the Fire Marshal. Section 502 of the 2006 International Wildland-Urban Interface Code (IWUIC), as promulgated by the International Code Council, shall be used to determine Fire Hazard Severity. The provisions listed in Chapter 5 of the 2006 IWUIC, as modified herein, shall be used to determine the requirements for Ignition Resistant Construction.

(i) In Section 504 of the IWUIC Class I IGNITION-RESISTANT CONSTRUCTION a new Section 504.1.1 is added as follows:

504.1.1 General. Subsections 504.5, 504.6, and 504.7 shall only be required on the exposure side of the structure, as determined by the Fire Marshal, where defensible space is less than 50 feet as defined in Section 603 of the 2006 IWUIC.

(ii) In Section 505 of the IWUIC Class 2 IGNITION-RESISTANT CONSTRUCTION Subsections 505.5 and 505.7 are deleted.”

Enacted by Chapter 14, 2011 General Session

Part 3
Local Amendments to International Plumbing Code

15A-4-301 General provision.
The amendments in this part are adopted as amendments to the IPC to be applicable to specified jurisdiction.

Enacted by Chapter 14, 2011 General Session

15A-4-303 Amendments to IPC applicable to South Jordan.
The following amendments are adopted as amendments to the IPC for South Jordan:

(1) IPC, Section 312.10.2, is deleted and replaced with the following: "312.10.2 Testing. Reduced pressure principle backflow preventer assemblies, double check-valve assemblies, pressure vacuum breaker assemblies, reduced pressure detector fire protection backflow prevention assemblies, double check detector fire protection backflow prevention assemblies, hose connection backflow preventers, and spill-proof vacuum breakers shall be tested at the time of installation, immediately after repairs or relocation and at least annually. The testing procedure shall be performed in accordance with one of the following standards: ASSE 5013, ASSE 5015, ASSE 5020, ASSE 5047, ASSE 5048, ASSE 5052, ASSE 5056, CSA-B64.10, or CSA-B64.10.1. Assemblies, other than the reduced pressure principle assembly, protecting lawn irrigation systems that fail the annual test shall be replaced with a reduced pressure principle assembly."

(2) IPC, Section 608.16.5, is deleted and replaced with the following: "608.16.5 Connections to lawn irrigation systems. The potable water supply to lawn irrigation systems shall be protected against backflow by a reduced pressure principle backflow preventer."

Enacted by Chapter 14, 2011 General Session

Part 4
Local Amendments to International Mechanical Code

15A-4-401 General provision.
No local amendments to the IMC are adopted.

Enacted by Chapter 14, 2011 General Session

Part 5
Local Amendments to International Fuel Gas Code

15A-4-501 General provision.
No local amendments to the IFGC are adopted.

Enacted by Chapter 14, 2011 General Session

Part 6
Local Amendments to National Electrical Code

15A-4-601 General provision.
No local amendments to the NEC are adopted.

Enacted by Chapter 14, 2011 General Session

Part 7
Local Amendments to International Energy Conservation Code

15A-4-701 General provision.
No local amendments to the IECC are adopted.

Enacted by Chapter 14, 2011 General Session

PART B

Uniform Building Code Commission - Summary of recommended changes to construction codes under Title 15A, State Construction and Fire Code Act. Includes fiscal analysis where there is a cost increase or cost savings.

Overall Summary of Proposed Changes:

The advisory committees recommend that most of the current amendments under the 2015 codes be carried forward as amendments to the updated 2018 codes. In some cases, technical changes such as numbering or rewording have been needed to coordinate with the 2018 edition of the national codes. In most of these cases, keeping the prior amendments does not substantially change the relevant construction standards.

The advisory committees recommend that several current amendments be deleted. Most of these deletions are being recommended because the 2018 codes now adequately address the reason for the Utah amendment. Most of these deletions do not substantially change the relevant construction standards.

Several new amendments to the 2018 national codes are also recommended. Most of these new amendments delete or replace new provisions contained in the 2018 codes that the advisory committees have recommended be included in the updated Utah construction codes. Most of these changes reduce burdensome requirements added to the 2018 version of the national code to a more appropriate requirement level.

The proposal also includes additional amendments to the 2015 International Residential Code which is currently in effect in Utah. The 2018 IRC was not reviewed for adoption.

Summary of Individual Amendments:

Amendments to the specific editions of Uniform Building Standards:

There are no changes recommended for Chapter 1.

Chapter 2
Adoption of State Construction Code

Part 1
General Provisions

15A-2-101 Title -- Adoption of code.

15A-2-102 Definitions.

15A-2-103 Specific editions adopted of construction code of a nationally recognized code authority.

The changes in these subsections recommend changing the adopted codes from the 2015 International Code Council (ICC Codes) to the 2018 ICC Codes. The International Code Council does not have information available at this time regarding the overall cost impact of adopting the 2018 ICC codes. Commercial construction has many variables, which make cost impacts complicated and difficult to project.

15A-2-104 Installation standards for manufactured housing.

15A-2-105 Scope of application.

Chapter 3
Statewide Amendments Incorporated as Part of State Construction Code

Part 1
Statewide Amendments to International Building Code

15A-3-101 General provision.

15A-3-102 Amendments to Chapters 1 through 3 of IBC.

15A-3-102(2) - **Section 110:**

This is a change to an existing amendment (inspections) which is being modified to coordinate with the 2018 code.

15A-3-102(5) – **Section 202:**

This is a new amendment (definitions) to clarify the wording and to coordinate with the statutes and rules under the Department of Human Services, which regulates this type of facility.

15A-3-102(6) **[prior 5]** – **Section 202:**

This is a change to a current amendment to coordinate with the statutes and rules under the Department of Human Service.

15A-3-102(8) [prior 7] – **Section 202:**

This is a new amendment to coordinate with the statutes and rules under the Department of Human Services and the changes in the 2018 code.

15A-3-102(9) [prior 8] – **Section 202:**

This is a new amendment to coordinate with the statutes and rules under the Department of Human Services and the changes in the 2018 code.

15A-3-102(10) [prior 9] – **Section 202:**

This is a new amendment to coordinate with the statutes and rules under the Department of Human Services and the changes in the 2018 code.

15A-3-102(11) [prior 10] – **Section 305.2:**

This change modifies a current amendment to coordinate with the statutes and rules under the Department of Human Services.

15A-3-102(12) [prior 11] – **Section 305.2.2 and 305.2.3:**

This is a modification to a current amendment for clarification.

15A-3-102(13) [prior 12] – **Section 305.2.4:**

This is a modification to a current amendment for clarification and to coordinate with the statutes and rules under the Department of Human Services.

15A-3-102(14) [prior 13] – **Section 305.2.5:**

This is a modification to a current amendment to update the Utah Administrative Code references.

15A-3-102(15) [prior 14] – **Section 307.1(1):**

This is a modification of a current amendment to coordinate with the changes made in the 2018 code.

15A-3-102(16) – **Section 308.2:**

This is a new amendment to coordinate with the statutes and rules under the Department of Human Services.

15A-3-102[prior (15) and (16) – **Section 308.2**

These current amendments are being deleted to coordinate with the changes in the 2018 code. They have been addressed in changes to prior amendments.

15A-3-102[prior (17) – **Section 308.3**

This current amendment is being deleted to coordinate with the changes in the 2018 code. It has been addressed in changes to prior amendments.

15A-3-102(17)[prior (18)]– **Section 308.2.4:**

This is a modification to a current amendment to coordinate the section number with the 2018 code.

15A-3-102(18) – **Section 308.2.5:**

This is a new amendment to coordinate with the statutes and rules under the Department of Human Services and the changes in the 2018 code.

15A-3-102(19) – **Section 308.3:**

This is a new amendment to coordinate with the statutes and rules under the Department of Human

Services and the changes in the 2018 code.

15A-3-102(20) – Section 308.3.2:

This is a new amendment to coordinate with the statutes and rules under the Department of Human Services and the changes in the 2018 code.

15A-3-102 prior (21) – Section 308.3.3:

This is a new amendment to coordinate with the statutes and rules under the Department of Human Services and the changes in the 2018 code.

15A-3-102 [prior (19) and prior (20)] – Section 308.4 and 308.4.2:

These current amendments are being deleted to coordinate with the 2018 code. They have been addressed in previous amendments.

15A-3-102(22) [prior (21)] – Section 308.5:

This is a modification of a current amendment to coordinate with the statutes and rules under the Department of Human Services and the changes in the 2018 code.

15A-3-102(23) [prior (22)] – Section 308.5.1:

This is a modification of a current amendment to coordinate with the statutes and rules under the Department of Human Services and the changes in the 2018 code.

15A-3-102(24) [prior (23)] – Section 308.5.3 and 308.5.4:

This is a modification of a current amendment to coordinate with the statutes and rules under the Department of Human Services and the changes in the 2018 code.

15A-3-102(25) [prior (24)] – Section 310.4:

This is a modification of a current amendment to coordinate with the statutes and rules under the Department of Human Services and the changes in the 2018 code.

15A-3-102(26) [prior (25)] – Section 308.5.1:

This is a modification of a current amendment to coordinate with the statutes and rules under the Department of Human Services and the changes in the 2018 code.

-15A-3-102(27) [prior (26)] – Section 308.5.1:

This is a modification of a current amendment to coordinate with the statutes and rules under the Department of Human Services and the changes in the 2018 code.

15A-3-102 [prior (27)] – Section 310.6:

This current amendment is being deleted to coordinate with the statutes and rules under the Department of Human Services.

15A-3-102(28) – Section 310.4.4:

This is a new amendment to coordinate with the statutes and rules under the Department of Human Services and the changes in the 2018 code.

15A-3-102(29) – Section 310.5:

This is a new amendment to coordinate with the statutes and rules under the Department of Human Services and the changes in the 2018 code.

15A-3-102(30) – Section 310.5.3:

This is a new amendment to coordinate with the statutes and rules under the Department of Human Services and the changes in the 2018 code.

15A-3-103 Amendments to Chapters 4 through 6 of IBC.

15A-3-103(3) – Section 407.2.5:

This is a new amendment to coordinate with the statutes and rules under the Department of Human Services and the changes in the 2018 code.

15A-3-103(4) – Section 407.2.6:

This is a new amendment to coordinate with the statutes and rules under the Department of Human Services and the changes in the 2018 code.

15A-3-103(5) – Section 407.11:

This is a new amendment to coordinate with the statutes and rules under the Department of Human Services and the changes in the 2018 code.

15A-3-103(6) [prior (2)] – Section 422.2.1:

This is a modification to a current amendment to coordinate with the changes in the 2018 code.

15A-3-103(7) [prior (3)] – Section 429:

This is a modification to a current amendment to coordinate with the changes to section numbers in the 2018 code.

15A-3-103(9) – Section 504.4:

This is a new amendment to coordinate with the statutes and rules under the Department of Human Services and the changes in the 2018 code.

15A-3-103(10) – Section 504.5:

This is a new amendment to coordinate with the statutes and rules under the Department of Human Services.

15A-3-104 Amendments to Chapters 7 through 9 of IBC.

15A-3-104(2) – Section (F)902.1:

This changes section numbers in a current amendment to coordinate with the changes in the 2018 code.

15A-3-104(6) – Section (F)903.2.8:

This is a modification to a current amendment to coordinate with the changes in the 2018 code.

15A-3-104(7) – Section (F)903.2.8.3:

This a modification to a current amendment to coordinate with the changes in the 2018 code.

15A-3-104(8) – Section (F)903.2.8.3:

This is a technical change to a current amendment to match the wording in the 2018 code.

15A-3-104(14) [prior 15] – Section (F)907.2.3 Group E:

This is a modification to a current amendment to coordinate with the requirements of the State Fire Code.

15A-3-105 Amendments to Chapters 10 through 12 of IBC.

15A-3-105(1) – Section 1010.1.9.7:

This is a modification to a current amendment for clarification and to coordinate with the changes in the 2018 code.

15A-3-105(6) – Section 1029.15:

This is a modification to a current amendment to coordinate with the changes in the 2018 code.

15A-3-105(7) – Section 1109.8:

This current amendment is being deleted.

15A-3-105(7) [prior (8)] – Section 1207.4:

This is a modification to a current amendment to coordinate with the changes in the 2018 code.

15A-3-107 Amendments to Chapter 16 of IBC.

15A-3-107(1) – Section 1604.5:

This is a modification to a current amendment for clarification.

15A-3-107(3) – Section 1604.5:

This is a modification to a current amendment for clarification.

15A-3-107(4) – Section 1608.1:

This is a modification to a current amendment for clarification.

15A-3-107(5) – Section 1608.1.1:

This is a modification to a current amendment for clarification.

15A-3-107(6) – Section 1608.1.2:

This is a modification to a current amendment for clarification of the Utah snow load requirements. The snow load calculations included in the current code were adopted based upon a study performed by the Structural Engineers Association of Utah (SEAU) in 1990. This outdated study only considers site elevation when determining ground snow loads, and is based upon very few data points throughout the state. A new study was completed in 2018 which, if adopted, provides Utah with an up to date state of the art snow load determination tool similar to what is being used in surrounding states. It will also be incorporated into the next version of ASCE 7.

15A-3-107(7) – Section 1608.1.3:

This is a new amendment necessary for the Utah snow load requirements

15A-3-107(8) – Section 1608.2.1:

This is a new amendment necessary for the Utah snow load requirements that makes technical changes and deletes the current amendment for Table 1608.1.2(a) and (b). This is necessary to incorporate the new snow load study and website developed for design snow load values.

15A-3-107[prior (7)] – Table 1608.2.1(a) and Table 1608.2.1(b):

This current amendment is being deleted as it is now incorporated into the new amendment mentioned above.

15A-3-107[prior (8)] – Section 1608.1.3:

This current amendment is being deleted as it is now incorporated into the new amendment mentioned above.

15A-3-107[prior (9)] – Section 1608.2:

This current amendment is being deleted as it is now incorporated into the new amendment mentioned above.

15A-3-107(9)[prior (10)] – Section 1608.2:

This current amendment is being modified to coordinate with the new amendments for the snow load.

15A-3-107[prior (11)] – Section 1613.7:

This current amendment is being deleted.

15A-3-110 Amendments to Chapters 23 through 25 of IBC.

15A-3-110(2) – Section 2308.3.1:

This is a modification of a current amendment that changes the requirements for foundation plates or sills.

15A-3-110 [prior 3] – Section 2506.2.1:

This current amendment is being deleted as it is now found in the 2018 code.

15A-3-112 Amendments to Chapters 29 through 31 of IBC.

15A-3-112(1) – [P] Table 2902.1:

This current amendment is being modified to correspond with the changes in the 2018 code and to incorporate the current Utah Administrative Code requirements.

15A-3-113 Amendments to Chapters 32 through 35 of IBC.

15A-3-113[prior (2)] referenced standard:

This current amendment is being deleted as is in now part of the 2018 code.

Part 2
Statewide Amendments to International Residential Code

15A-3-202 Amendments to Chapters 1 through 5 of IRC.

15A-3-202(9) – Table R301.2(5):

This current amendment is being modified to correspond with the new snow load study and website developed to design snow load values. The snow load calculations included in the current code were adopted based upon a study performed by the Structural Engineers Association of Utah (SEAU) in 1990. This outdated study only considers site elevation when determining ground snow loads, and is based upon very few data points throughout the state. A new study was completed in 2018 which, if adopted, provides Utah with an up to date state of the art snow load determination tool similar to what is being used in surrounding states. It will also be incorporated into the next version of ASCE 7.

15A-3-202(10) – Section R301.6:

This current amendment is being modified to correspond with the new snow load study and website developed to design snow load values.

15A-3-202(11) – Section R302.2:

This is a new amendment for added protection of townhomes units. Requires plumbing, mechanical ducting, gas piping and electrical service conductors shall not penetrate the common wall at grade, above or below. There will be a cost increase averaging $50/unit at time of construction.

15A-3-203 Amendments to Chapters 6 through 15 of IRC.

15A-3-203(11) – N1103.3.6 (R403.3.6):

This is a new amendment to help increase energy efficiency. No additional cost of construction. Will increase energy efficiency by providing a new option with ducts in the attic. Labor and material estimate cost savings of 15% at the time of construction*.

15A-3-203(12) – N1103.3.7 (R403.3.7):

This is a new amendment to help increase energy efficiency. No additional cost of construction. Will increase energy efficiency by providing a new option with ducts in the attic. Labor and material estimate cost savings of 15% at the time of construction*.

15A-3-203(14) – N1103.6.1 (R403.6.1):

This is a new amendment to help increase energy efficiency through ventilation system fan efficiency. This may result in a cost savings up to $720 at the time of construction and a cost savings of around $92/yr. in fan energy saving costs to the consumer*.

15A-3-203(15) – N1104.1 (R404.1):

This is a new amendment to help increase energy efficiency by increasing the percentage of high efficacy lamps in permanently installed fixtures form 75% to 90%. Average consumer cost increase of $7.85 per home, with an energy cost savings of $19/yr. to the consumer*.

15A-3-203(17) – Table N1106.4 (R406.4):

This is a new amendment to help increase energy efficiency by adding a new footnote to the Maximum Energy Rating Index regarding the building thermal envelope.

*Home Innovation Research Labs, *Estimated Costs of the 2018 IRC Code Changes, prepared for the National Association of Home Builders*. Report No. 3391-10232017 (October 27, 2017). Available at: https://www.nahb.org/en/research/nahb-priorities/construction-codes-and-standards/code-adoption/-/media/F547E473BA2643F8963F960A59DDA636.ashx

15A-3-205 Amendments to Chapters 26 through 35 of IRC.

15A-3-205(3) – Section P2705 Item 5:

This is a new amendment that will allow flexibility for lavatory installations in reduced bathroom sizes or compact spaces. No cost impact.

15A2-205(4) – Section P2705 Item 6:

This is a new amendment that will allow flexibility for lavatory installations in reduced bathroom sizes or compact spaces. No cost impact.

15A-3-205(13) – Section P3009:

This a technical correction for a current amendment.

Part 3
Statewide Amendments to International Plumbing Code

15A-3-302(1) – Section 101.2.1:

This current amendment is being deleted as the International Private Sewage Disposal Code is not part of the 2018 code.

15A-3-303 Amendments to Chapter 3 of IPC.

15A-3-303(1) – Section 303.4:

This is a modification of a current amendment to coordinate with the 2018 code and the Department of Health regulations.

15A-3-304 Amendments to Chapter 4 of IPC.

15A-3-304(1) – Table 403.1:

This current amendment is being modified to correspond with the changes in the 2018 code and to coordinate with the Department of Health regulations.

15A-3-304(3) – Section 413.5:

The section number in this current amendment is being changed to correspond with the 2018 code.

15A-3-305 Amendments to Chapter 5 of IPC.

15A-3-305(2) – Section 504.6:

This is a new amendment requiring that discharge piping serving a pressure relief valve, temperature relief valve, or combination thereof, shall be installed as per manufacturer's installation instructions, not to exceed 180 degrees in directional change. No cost impact.

15A-3-306 Amendments to Chapter 6 of IPC.

15A-3-306(7) – Section 608.1:

This change makes technical corrections to a current amendment.

15A-3-306(8) – Section 608.3:

This change makes technical corrections to a current amendment.

15A-3-306(9) – Section 608.6:

This change makes corrections to a current amendment to correspond with the section numbers in the 2018 code.

15A-3-306(10) – Section 608.7:

This change makes corrections to a current amendment to correspond with the section numbers in the 2018 code.

15A-3-306(11) – Section 608.8:

This change makes corrections to a current amendment to correspond with the section numbers in the 2018 code.

15A-3-306(12) – Section 608.11:

This change deletes a current amendment that is now adequately addressed in the 2018 code.

15A-3-306(12) [prior 13] – Section 608.14.3:

This change makes corrections to a current amendment to correspond with the section numbers in the 2018 code.

15A-3-306(13) [prior 14] – Section 6014.4:

This change makes corrections to a current amendment to correspond with the section numbers in the 2018 code.

15A-3-306(15) – Section 608.13.9:

This change deletes a current amendment that is no longer needed because it is adequately addressed in the 2018 code.

15A-3-306(14) [prior 16] – Section 608.16.3:

This change makes corrections to a current amendment to correspond with the section numbers in

the 2018 code and a technical change.

15A-3-306(15) [prior 17]– Section 6016.4:

This change makes corrections to a current amendment to correspond with the section numbers in the 2018 code and a technical change for clarification.

15A-3-306(16) [prior 18] – Section 608.16.4.2:

This change makes corrections to a current amendment to correspond with the section numbers in the 2018 code.

15A-3-306(17) Section 608.17.1.2:

This a new amendment.

15A-3-306(18) [prior 19] – Section 608.17.2:

This change makes corrections to a current amendment to correspond with the section numbers in the 2018 code.

15A-3-306(19) [prior 20] – Section 608.17.4.1:

This change makes corrections to a current amendment to correspond with the section numbers in the 2018 code.

15A-3-306(20) [prior 21] – Section 608.17.7:

This change makes corrections to a current amendment to correspond with the section numbers in the 2018 code.

15A-3-306(21) [prior 22] – Section 608.17.8:

This change makes corrections to a current amendment to correspond with the section numbers in the 2018 code.

15A-3-306(22) [prior 23] – Section 608.17.11:

This change makes corrections to a current amendment to correspond with the section numbers in the 2018 code.

15A-3-306(23) [prior 24] – Section 608.608.18:

This change makes corrections to a current amendment to correspond with the section numbers in the 2018 code.

15A-3-307 Amendments to Chapter 7 of IPC.

15A-3-307(1) – Section 701.2:

This is a technical change to a current amendment.

15A-3-307(2) – Section 701.8:

This is a new amendment to correspond with the requirements of the Department of Health.

15A-3-307(3) [prior 2] – Section 7012.3.3.1:

This change makes a technical correction to a current amendment.

15A-3-310 Amendments to Chapter 10 of IPC.

15A-3-310(1) – Section 1003.3.8:

This is a new amendment to make a technical correction.

15A-3-314 Amendments to Chapter 14 of IPC.

This change makes corrections to a current amendment.

Part 4
Statewide Amendments to International Mechanical Code

15A-3-401 General provisions.

15A-3-401(4) – Section 1101.10:

This change deletes a current amendment as the 2018 code adequately addresses this requirement.

15A-3-402(1) – Section 403.2:

This change deletes a current amendment as the 2018 code adequately addresses this requirement.

15A-3-402(2) – Section 502.20:

This change deletes a current amendment as the 2018 code adequately addresses this requirement.

15A-3-402(1) – Section 602.2:

This is a new amendment added for clarification of the requirement.

15A-3-402(2) – Section 603.5.1:

This is a new amendment added for clarification of the requirement.

Part 5
Statewide Amendments to International Fuel Gas Code

15A-3-501 General provisions.

15A-3-501(3) – Section 502.1:

This is a new amendment added for clarification of the requirement.

z15A-3-501(4) – Section 503.4.1:

This is a new amendment added for clarification of the requirement.

15A-3-501(5) – Section 503.6.11.1:

This is a new amendment added for clarification of the requirement.

Part 8
Statewide Amendments to International Existing Building Code

15A-3-801 General provisions.

15A-3-801(4) – Section 301.3:

This is a technical change to a current amendment to correspond with the 2018 code.

15A-3-801(5) – Section 503.6:

This is a technical change to a current amendment to correspond with the 2018 code and a technical change for clarification.

15A-3-801(7) – Section 706.3.1:

This is a technical change to a current amendment to correspond with the 2018 code.

15A-3-801(8) – Section 906.6:

This is a new amendment.

15A-3-801(9)[prior 8] – Section 1006.3:

This is a technical change to a current amendment to correspond with the 2018 code.

15A-4-107 Amendments to IBC applicable to Sandy City.

15A-4-107:

This is an existing amendment that is being recommended to be carried forward with a change to reference the current fire code.