

HB0029S01 compared with HB0029

~~{deleted text}~~ shows text that was in HB0029 but was deleted in HB0029S01.

Inserted text shows text that was not in HB0029 but was inserted into HB0029S01.

DISCLAIMER: This document is provided to assist you in your comparison of the two bills. Sometimes this automated comparison will NOT be completely accurate. Therefore, you need to read the actual bills. This automatically generated document could contain inaccuracies caused by: limitations of the compare program; bad input data; or other causes.

Senator Curtis S. Bramble proposes the following substitute bill:

BUILDING CODE AMENDMENTS

2020 GENERAL SESSION

STATE OF UTAH

Chief Sponsor: Mike Schultz

Senate Sponsor: Curtis S. Bramble

LONG TITLE

~~{Committee Note:~~

~~———The Business and Labor Interim Committee recommended this bill.~~

~~———Legislative Vote: 12 voting for 0 voting against 8 absent~~

~~}General Description:~~

This bill ~~{addresses swimming pool, spa, and aviation related}~~ amends construction provisions in Title 10, Utah Municipal Code, Title 15A, State Construction and Fire Codes Act, and Title 17, Counties.

Highlighted Provisions:

This bill:

- ▶ amends provisions related to construction plans for a town, city, and county;
- ▶ permits certain structures to be exempt from requirements of the State Construction Code;

HB0029S01 compared with HB0029

- ▶ adopts and amends the residential provisions of the 2018 edition of the International Swimming Pool and Spa Code;
- ▶ under certain conditions, exempts airport hangars from having a fire-resistance exterior wall rating of not less than two hours;
- ▶ deletes a provision for an emergency elevator communication system;
- ▶ amends provisions in the International Residential Code;
- ▶ amends citations in amendments to the International Plumbing Code;
- ▶ amends a citation in an amendment to the International Mechanical Code;
- ▶ amends provisions in the International Existing Building Code; and
- ▶ makes technical and conforming changes.

Money Appropriated in this Bill:

None

Other Special Clauses:

None

Utah Code Sections Affected:

AMENDS:

10-5-132, as last amended by Laws of Utah 2019, Chapter 20

10-6-160, as last amended by Laws of Utah 2018, Chapter 236

15A-1-202, as last amended by Laws of Utah 2019, Chapter 20

15A-1-204, as last amended by Laws of Utah 2017, Chapter 18

15A-2-102, as last amended by Laws of Utah 2016, Chapter 249

15A-2-103, as last amended by Laws of Utah 2019, Chapters 20 and 436

15A-3-103, as last amended by Laws of Utah 2019, Chapter 20

15A-3-112, as last amended by Laws of Utah 2019, Chapter 20

15A-3-202, as last amended by Laws of Utah 2019, Chapter 20

15A-3-304, as last amended by Laws of Utah 2019, Chapter 20

15A-3-313, as last amended by Laws of Utah 2016, Chapter 249

15A-3-402, as enacted by Laws of Utah 2017, Chapter 14

15A-3-801, as last amended by Laws of Utah 2019, Chapter 20

17-36-55, as last amended by Laws of Utah 2019, Chapter 20

ENACTS:

HB0029S01 compared with HB0029

15A-3-1001, Utah Code Annotated 1953

Be it enacted by the Legislature of the state of Utah:

Section 1. Section 10-5-132 is amended to read:

10-5-132. Fees collected for construction approval -- Approval of plans.

(1) As used in this section:

(a) "Construction project" means the same as that term is defined in Section 38-1a-102.

(b) "Lodging establishment" means a place providing temporary sleeping

accommodations to the public, including any of the following:

(i) a bed and breakfast establishment;

(ii) a boarding house;

(iii) a dormitory;

(iv) a hotel;

(v) an inn;

(vi) a lodging house;

(vii) a motel;

(viii) a resort; or

(ix) a rooming house.

(c) "Planning review" means a review to verify that a town has approved the following elements of a construction project:

(i) zoning;

(ii) lot sizes;

(iii) setbacks;

(iv) easements;

(v) curb and gutter elevations;

(vi) grades and slopes;

(vii) utilities;

(viii) street names;

(ix) defensible space provisions and elevations, if required by the Utah Wildland Urban Interface Code adopted under Section 15A-2-103; and

(x) subdivision.

HB0029S01 compared with HB0029

(d) (i) "Plan review" means all of the reviews and approvals of a plan that a town requires to obtain a building permit from the town with a scope that may not exceed a review to verify:

(A) that the construction project complies with the provisions of the State Construction Code under Title 15A, State Construction and Fire Codes Act;

(B) that the construction project complies with the energy code adopted under Section 15A-2-103;

(C) that the construction project received a planning review;

(D) that the applicant paid any required fees;

(E) that the applicant obtained final approvals from any other required reviewing agencies;

(F) that the construction project complies with federal, state, and local storm water protection laws;

(G) that the construction project received a structural review;

(H) the total square footage for each building level of finished, garage, and unfinished space; and

(I) that the plans include a printed statement indicating that the actual construction will comply with applicable local ordinances and the state construction codes.

(ii) "Plan review" does not mean a review of a document:

(A) required to be re-submitted for additional modifications or substantive changes identified by the plan review;

(B) submitted as part of a deferred submittal when requested by the applicant and approved by the building official; or

(C) that, due to the document's technical nature or on the request of the applicant, is reviewed by a third party.

(e) "State Construction Code" means the same as that term is defined in Section 15A-1-102.

(f) "State Fire Code" means the same as that term is defined in Section 15A-1-102.

(g) "Structural review" means:

(i) a review that verifies that a construction project complies with the following:

(A) footing size and bar placement;

HB0029S01 compared with HB0029

- (B) foundation thickness and bar placement;
- (C) beam and header sizes;
- (D) nailing patterns;
- (E) bearing points;
- (F) structural member size and span; and
- (G) sheathing; or

(ii) if the review exceeds the scope of the review described in Subsection (1)~~(f)~~(g)(i), a review that a licensed engineer conducts.

(h) "Technical nature" means a characteristic that places an item outside the training and expertise of an individual who regularly performs plan reviews.

(2) (a) If a town collects a fee for the inspection of a construction project, the town shall ensure that the construction project receives a prompt inspection.

(b) If a town cannot provide a building inspection within ~~a reasonable time~~ three business days after the day on which the town collects a fee for the inspection, the town shall promptly engage an independent inspector with fees collected from the applicant.

(c) If an inspector identifies one or more violations of the State Construction Code or State Fire Code during an inspection, ~~on the day on which the inspection occurs,~~ the inspector shall give the permit holder written notification ~~of each violation~~ that:

~~(i) is delivered in hardcopy or by electronic means; and~~

(i) identifies each violation;

(ii) upon request by the permit holder, includes a reference to each applicable provision of the State Construction Code or State Fire Code~~;~~ and

(iii) is delivered:

(A) in hardcopy or by electronic means; and

(B) the day on which the inspection occurs.

(3) (a) A town shall complete a plan review of a construction project for a one to two family dwelling or townhome by no later than 14 business days after the day on which the plan is submitted to the town.

(b) A town shall complete a plan review of a construction project for a residential structure built under the International Building Code, not including a lodging establishment, by no later than 21 business days after the day on which the plan is submitted to the town.

HB0029S01 compared with HB0029

(c) (i) Subject to Subsection (3)(c)(ii), if a town does not complete a plan review before the time period described in Subsection (3)(a) or (b) expires, an applicant may request that the town complete the plan review.

(ii) If an applicant makes a request under Subsection (3)(c)(i), the town shall perform the plan review no later than:

(A) for a plan review described in Subsection (3)(a), 14 days from the day on which the applicant makes the request; or

(B) for a plan review described in Subsection (3)(b), 21 days from the day on which the applicant makes the request.

(d) An applicant may:

(i) waive the plan review time requirements described in this Subsection (3); or

(ii) with the town's consent, establish an alternative plan review time requirement.

(4) (a) A town may not enforce a requirement to have a plan review if:

(i) the town does not complete the plan review within the time period described in Subsection (3)(a) or (b); and

(ii) a licensed architect or structural engineer, or both when required by law, stamps the plan.

(b) A town may attach to a reviewed plan a list that includes:

(i) items with which the town is concerned and may enforce during construction; and

(ii) building code violations found in the plan.

(c) A town may not require an applicant to redraft a plan if the town requests minor changes to the plan that the list described in Subsection (4)(b) identifies.

(5) An applicant shall ensure that each construction project plan submitted for a plan review under this section has a statement indicating that actual construction will comply with applicable local ordinances and building codes.

Section 2. Section 10-6-160 is amended to read:

10-6-160. Fees collected for construction approval -- Approval of plans.

(1) As used in this section:

(a) "Construction project" means the same as that term is defined in Section 38-1a-102.

(b) "Lodging establishment" means a place providing temporary sleeping accommodations to the public, including any of the following:

HB0029S01 compared with HB0029

- (i) a bed and breakfast establishment;
- (ii) a boarding house;
- (iii) a dormitory;
- (iv) a hotel;
- (v) an inn;
- (vi) a lodging house;
- (vii) a motel;
- (viii) a resort; or
- (ix) a rooming house.

(c) "Planning review" means a review to verify that a city has approved the following elements of a construction project:

- (i) zoning;
- (ii) lot sizes;
- (iii) setbacks;
- (iv) easements;
- (v) curb and gutter elevations;
- (vi) grades and slopes;
- (vii) utilities;
- (viii) street names;
- (ix) defensible space provisions and elevations, if required by the Utah Wildland Urban

Interface Code adopted under Section 15A-2-103; and

- (x) subdivision.

(d) (i) " Plan review" means all of the reviews and approvals of a plan that a city requires to obtain a building permit from the city with a scope that may not exceed a review to verify:

(A) that the construction project complies with the provisions of the State Construction Code under Title 15A, State Construction and Fire Codes Act;

(B) that the construction project complies with the energy code adopted under Section 15A-2-103;

(C) that the construction project received a planning review;

(D) that the applicant paid any required fees;

HB0029S01 compared with HB0029

(E) that the applicant obtained final approvals from any other required reviewing agencies;

(F) that the construction project complies with federal, state, and local storm water protection laws;

(G) that the construction project received a structural review; ~~and~~

(H) the total square footage for each building level of finished, garage, and unfinished space~~[-]; and~~

(I) that the plans include a printed statement indicating that the actual construction will comply with applicable local ordinances and the state construction codes.

(ii) "Plan review" does not mean a review of a document:

(A) required to be re-submitted for additional modifications or substantive changes identified by the plan review;

(B) submitted as part of a deferred submittal when requested by the applicant and approved by the building official; or

(C) that, due to the document's technical nature or on the request of the applicant, is reviewed by a third party.

(e) "State Construction Code" means the same as that term is defined in Section 15A-1-102.

(f) "State Fire Code" means the same as that term is defined in Section 15A-1-102.

~~(e)~~ (g) "Structural review" means:

(i) a review that verifies that a construction project complies with the following:

(A) footing size and bar placement;

(B) foundation thickness and bar placement;

(C) beam and header sizes;

(D) nailing patterns;

(E) bearing points;

(F) structural member size and span; and

(G) sheathing; or

(ii) if the review exceeds the scope of the review described in Subsection (1)~~(e)~~(g)(i), a review that a licensed engineer conducts.

~~(f)~~ (h) "Technical nature" means a characteristic that places an item outside the

HB0029S01 compared with HB0029

training and expertise of an individual who regularly performs plan reviews.

(2) (a) If a city collects a fee for the inspection of a construction project, the city shall ensure that the construction project receives a prompt inspection.

(b) If a city cannot provide a building inspection within three business days after the day on which the town collects a fee for the inspection, the city shall promptly engage an independent inspector with fees collected from the applicant.

(c) If an inspector identifies one or more violations of the State Construction Code or State Fire Code during an inspection, the inspector shall give the permit holder written notification that:

(i) identifies each violation;

(ii) upon request by the permit holder, includes a reference to each applicable provision of the State Construction Code or State Fire Code;

(iii) is delivered:

(A) in hardcopy or by electronic means; and

(B) the day on which the inspection occurs.

(3) (a) A city shall complete a plan review of a construction project for a one to two family dwelling or townhome by no later than 14 business days after the day on which the plan is submitted to the city.

(b) A city shall complete a plan review of a construction project for a residential structure built under the International Building Code, not including a lodging establishment, by no later than 21 business days after the day on which the plan is submitted to the city.

(c) (i) Subject to Subsection (3)(c)(ii), if a city does not complete a plan review before the time period described in Subsection (3)(a) or (b) expires, an applicant may request that the city complete the plan review.

(ii) If an applicant makes a request under Subsection (3)(c)(i), the city shall perform the plan review no later than:

(A) for a plan review described in Subsection (3)(a), 14 days from the day on which the applicant makes the request; or

(B) for a plan review described in Subsection (3)(b), 21 days from the day on which the applicant makes the request.

(d) An applicant may:

HB0029S01 compared with HB0029

- (i) waive the plan review time requirements described in this Subsection (3); or
- (ii) with the city's consent, establish an alternative plan review time requirement.

(4) (a) A city may not enforce a requirement to have a plan review if:

(i) the city does not complete the plan review within the time period described in Subsection (3)(a) or (b); and

(ii) a licensed architect or structural engineer, or both when required by law, stamps the plan.

(b) A city may attach to a reviewed plan a list that includes:

- (i) items with which the city is concerned and may enforce during construction; and
- (ii) building code violations found in the plan.

(c) A city may not require an applicant to redraft a plan if the city requests minor changes to the plan that the list described in Subsection (4)(b) identifies.

(5) An applicant shall ensure that each construction project plan submitted for a plan review under this section has a statement indicating that actual construction will comply with applicable local ordinances and building codes.

Section ~~11~~3. Section **15A-1-202** is amended to read:

15A-1-202. Definitions.

As used in this chapter:

(1) "Agricultural use" means a use that relates to the tilling of soil and raising of crops, or keeping or raising domestic animals.

(2) (a) "Approved code" means a code, including the standards and specifications contained in the code, approved by the division under Section 15A-1-204 for use by a compliance agency.

(b) "Approved code" does not include the State Construction Code.

(3) "Building" means a structure used or intended for supporting or sheltering any use or occupancy and any improvements attached to it.

(4) "Code" means:

- (a) the State Construction Code; or
- (b) an approved code.

(5) "Commission" means the Uniform Building Code Commission created in Section 15A-1-203.

HB0029S01 compared with HB0029

(6) "Compliance agency" means:

(a) an agency of the state or any of its political subdivisions which issues permits for construction regulated under the codes;

(b) any other agency of the state or its political subdivisions specifically empowered to enforce compliance with the codes; or

(c) any other state agency which chooses to enforce codes adopted under this chapter by authority given the agency under a title other than this part and Part 3, Factory Built Housing and Modular Units Administration Act.

(7) "Construction code" means standards and specifications published by a nationally recognized code authority for use in circumstances described in Subsection 15A-1-204(1), including:

(a) a building code;

(b) an electrical code;

(c) a residential one and two family dwelling code;

(d) a plumbing code;

(e) a mechanical code;

(f) a fuel gas code;

(g) an energy conservation code; [~~and~~]

(h) a swimming pool and spa code; and

~~[(h)]~~ (i) a manufactured housing installation standard code.

(8) "Executive director" means the executive director of the Department of Commerce.

(9) "Legislative action" includes legislation that:

(a) adopts a new State Construction Code;

(b) amends the State Construction Code; or

(c) repeals one or more provisions of the State Construction Code.

(10) "Local regulator" means a political subdivision of the state that is empowered to engage in the regulation of construction, alteration, remodeling, building, repair, and other activities subject to the codes.

(11) "Not for human occupancy" means use of a structure for purposes other than protection or comfort of human beings, but allows people to enter the structure for:

(a) maintenance and repair; and

HB0029S01 compared with HB0029

(b) the care of livestock, crops, or equipment intended for agricultural use which are kept there.

(12) "Opinion" means a written, nonbinding, and advisory statement issued by the commission concerning an interpretation of the meaning of the codes or the application of the codes in a specific circumstance issued in response to a specific request by a party to the issue.

(13) "State regulator" means an agency of the state which is empowered to engage in the regulation of construction, alteration, remodeling, building, repair, and other activities subject to the codes adopted pursuant to this chapter.

Section 4. Section 15A-1-204 is amended to read:

15A-1-204. Adoption of State Construction Code -- Amendments by commission -- Approved codes -- Exemptions.

(1) (a) The State Construction Code is the construction codes adopted with any modifications in accordance with this section that the state and each political subdivision of the state shall follow.

(b) A person shall comply with the applicable provisions of the State Construction Code when:

(i) new construction is involved; and

(ii) the owner of an existing building, or the owner's agent, is voluntarily engaged in:

(A) the repair, renovation, remodeling, alteration, enlargement, rehabilitation, conservation, or reconstruction of the building; or

(B) changing the character or use of the building in a manner that increases the occupancy loads, other demands, or safety risks of the building.

(c) On and after July 1, 2010, the State Construction Code is the State Construction Code in effect on July 1, 2010, until in accordance with this section:

(i) a new State Construction Code is adopted; or

(ii) one or more provisions of the State Construction Code are amended or repealed in accordance with this section.

(d) A provision of the State Construction Code may be applicable:

(i) to the entire state; or

(ii) within a county, city, or town.

(2) (a) The Legislature shall adopt a State Construction Code by enacting legislation

HB0029S01 compared with HB0029

that adopts a nationally recognized construction code with any modifications.

(b) Legislation described in Subsection (2)(a) shall state that the legislation takes effect on the July 1 after the day on which the legislation is enacted, unless otherwise stated in the legislation.

(c) Subject to Subsection (6), a State Construction Code adopted by the Legislature is the State Construction Code until, in accordance with this section, the Legislature adopts a new State Construction Code by:

- (i) adopting a new State Construction Code in its entirety; or
- (ii) amending or repealing one or more provisions of the State Construction Code.

(3) (a) Except as provided in Subsection (3)(b), for each update of a nationally recognized construction code, the commission shall prepare a report described in Subsection (4).

(b) For the provisions of a nationally recognized construction code that apply only to detached one- and two-family dwellings and townhouses not more than three stories above grade plane in height with separate means of egress and their accessory structures, the commission shall:

- (i) prepare a report described in Subsection (4) in 2021 and, thereafter, for every second update of the nationally recognized construction code; and
- (ii) not prepare a report described in Subsection (4) in 2018.

(4) (a) In accordance with Subsection (3), on or before September 1 of the same year as the year designated in the title of a nationally recognized construction code, the commission shall prepare and submit, in accordance with Section 68-3-14, a written report to the Business and Labor Interim Committee that:

- (i) states whether the commission recommends the Legislature adopt the update with any modifications; and
- (ii) describes the costs and benefits of each recommended change in the update or in any modification.

(b) After the Business and Labor Interim Committee receives the report described in Subsection (4)(a), the Business and Labor Interim Committee shall:

- (i) study the recommendations; and
- (ii) if the Business and Labor Interim Committee decides to recommend legislative

HB0029S01 compared with HB0029

action to the Legislature, prepare legislation for consideration by the Legislature in the next general session.

(5) (a) (i) The commission shall, by no later than September 1 of each year in which the commission is not required to submit a report described in Subsection (4), submit, in accordance with Section 68-3-14, a written report to the Business and Labor Interim Committee recommending whether the Legislature should amend or repeal one or more provisions of the State Construction Code.

(ii) As part of a recommendation described in Subsection (5)(a)(i), the commission shall describe the costs and benefits of each proposed amendment or repeal.

(b) The commission may recommend legislative action related to the State Construction Code:

(i) on its own initiative;

(ii) upon the recommendation of the division; or

(iii) upon the receipt of a request by one of the following that the commission recommend legislative action related to the State Construction Code:

(A) a local regulator;

(B) a state regulator;

(C) a state agency involved with the construction and design of a building;

(D) the Construction Services Commission;

(E) the Electrician Licensing Board;

(F) the Plumbers Licensing Board; or

(G) a recognized construction-related association.

(c) If the Business and Labor Interim Committee decides to recommend legislative action to the Legislature, the Business and Labor Interim Committee shall prepare legislation for consideration by the Legislature in the next general session.

(6) (a) Notwithstanding the provisions of this section, the commission may, in accordance with Title 63G, Chapter 3, Utah Administrative Rulemaking Act, amend the State Construction Code if the commission determines that waiting for legislative action in the next general legislative session would:

(i) cause an imminent peril to the public health, safety, or welfare; or

(ii) place a person in violation of federal or other state law.

HB0029S01 compared with HB0029

(b) If the commission amends the State Construction Code in accordance with this Subsection (6), the commission shall file with the division:

- (i) the text of the amendment to the State Construction Code; and
- (ii) an analysis that includes the specific reasons and justifications for the commission's findings.

(c) If the State Construction Code is amended under this Subsection (6), the division shall:

(i) publish the amendment to the State Construction Code in accordance with Section 15A-1-205; and

(ii) prepare and submit, in accordance with Section 68-3-14, a written notice to the Business and Labor Interim Committee containing the amendment to the State Construction Code, including a copy of the commission's analysis described in Subsection (6)(b)(ii).

(d) If not formally adopted by the Legislature at the next annual general session, an amendment to the State Construction Code under this Subsection (6) is repealed on the July 1 immediately following the next annual general session that follows the adoption of the amendment.

(7) (a) The division, in consultation with the commission, may approve, without adopting, one or more approved codes, including a specific edition of a construction code, for use by a compliance agency.

(b) If the code adopted by a compliance agency is an approved code described in Subsection (7)(a), the compliance agency may:

- (i) adopt an ordinance requiring removal, demolition, or repair of a building;
- (ii) adopt, by ordinance or rule, a dangerous building code; or
- (iii) adopt, by ordinance or rule, a building rehabilitation code.

(8) Except as provided in Subsections (6), (7), (9), and (10), or as expressly provided in state law, a state executive branch entity or political subdivision of the state may not, after December 1, 2016, adopt or enforce a rule, ordinance, or requirement that applies to a subject specifically addressed by, and that is more restrictive than, the State Construction Code.

(9) A state executive branch entity or political subdivision of the state may:

- (a) enforce a federal law or regulation;
- (b) adopt or enforce a rule, ordinance, or requirement if the rule, ordinance, or

HB0029S01 compared with HB0029

requirement applies only to a facility or construction owned or used by a state entity or a political subdivision of the state; or

(c) enforce a rule, ordinance, or requirement:

(i) that the state executive branch entity or political subdivision adopted or made effective before July 1, 2015; and

(ii) for which the state executive branch entity or political subdivision can demonstrate, with substantial evidence, that the rule, ordinance, or requirement is necessary to protect an individual from a condition likely to cause imminent injury or death.

(10) The Department of Health or the Department of Environmental Quality may enforce a rule or requirement adopted before January 1, 2015.

(11) (a) Except as provided in Subsection (11)(b), a structure used solely in conjunction with agriculture use, and not for human occupancy, or a structure that is no more than 1,500 square feet and used solely for the type of sales described in Subsection 59-12-104(20), is exempt from the **[permit]** requirements of the State Construction Code.

(b) (i) Unless exempted by a provision other than Subsection (11)(a), a plumbing, electrical, and mechanical permit may be required when that work is included in a structure described in Subsection (11)(a).

(ii) Unless located in whole or in part in an agricultural protection area created under Title 17, Chapter 41, Agriculture, Industrial, or Critical Infrastructure Materials Protection Areas, a structure described in Subsection (11)(a) is not exempt from a permit requirement if the structure is located on land that is:

(A) within the boundaries of a city or town, and less than five contiguous acres; or

(B) within a subdivision for which the county has approved a subdivision plat under Title 17, Chapter 27a, Part 6, Subdivisions, and less than two contiguous acres.

Section ~~2~~5. Section **15A-2-102** is amended to read:

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

HB0029S01 compared with HB0029

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) "ISPSC" means the edition of the International Swimming Pool and Spa Code adopted under Section 15A-2-103.

~~(9)~~ (10) "NEC" means the edition of the National Electrical Code adopted under Section 15A-2-103.

~~(10)~~ (11) "UWUI" means the edition of the Utah Wildland Urban Interface Code adopted under Section 15A-2-103.

Section ~~3~~6. Section **15A-2-103** is amended to read:

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, Statewide Amendments Incorporated as Part of State Construction 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 2018 edition of the International Building Code, including Appendix J, issued

HB0029S01 compared with HB0029

by the International Code Council;

(b) the 2015 edition of the International Residential Code, issued by the International Code Council;

(c) Appendix Q of the 2018 edition of the International Residential Code, issued by the International Code Council;

(d) the 2018 edition of the International Plumbing Code, issued by the International Code Council;

(e) the 2018 edition of the International Mechanical Code, issued by the International Code Council;

(f) the 2018 edition of the International Fuel Gas Code, issued by the International Code Council;

(g) the 2017 edition of the National Electrical Code, issued by the National Fire Protection Association;

(h) the residential provisions of the 2015 edition of the International Energy Conservation Code, issued by the International Code Council;

(i) the commercial provisions of the 2018 edition of the International Energy Conservation Code, issued by the International Code Council;

(j) the 2018 edition of the International Existing Building Code, issued by the International Code Council;

(k) subject to Subsection 15A-2-104(2), the HUD Code;

(l) subject to Subsection 15A-2-104(1), Appendix E of the 2015 edition of the International Residential Code, issued by the International Code Council;

(m) 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; ~~and~~

(n) subject to Subsection (3), for standards and guidelines pertaining to plaster on a historic property, as defined in Section 9-8-302, the U.S. Department of the Interior Secretary's Standards for Rehabilitation and Guidelines for Rehabilitating Historic Buildings[:]; and

(o) the residential provisions of the 2018 edition of the International Swimming Pool and Spa Code, issued by the International Code Council.

(2) Consistent with Title 65A, Chapter 8, Management of Forest Lands and Fire

HB0029S01 compared with HB0029

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.

(3) The standards and guidelines described in Subsection (1)(n) apply only if:

(a) the owner of the historic property receives a government tax subsidy based on the property's status as a historic property;

(b) the historic property is wholly or partially funded by public money; or

(c) the historic property is owned by a government entity.

Section ~~{4}~~7. Section **15A-3-103** is amended to read:

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."

(5) In IBC, Section 412.3.1, a new exception is added as follows: "Exception: Aircraft hangars of ~~{type}~~Type I or II construction that are less than 5,000 ~~{sq. ft}~~square feet (464.5m²) in area."

~~{(5)}~~ (6) A new IBC, Section 422.2.1 is added as follows: " 422.2.1 Separations: Ambulatory care facilities licensed by the 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."

HB0029S01 compared with HB0029

~~[(6)]~~ (7) A new IBC Section 429, Day Care, is added as follows:

" 429.1 Detailed Requirements. In addition to the occupancy and construction requirements in this code, the additional provisions of this section shall apply to all Day Care in accordance with Utah Administrative Code R710-8 Day Care Rules.

429.2 Definitions.

429.2.1 Authority Having Jurisdiction (AHJ): State Fire Marshal, his duly authorized deputies, or the local fire enforcement authority code official.

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.

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.

429.2.4 Family Day Care: Providing care for clients listed in the following two groups:

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.

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.

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

429.3 Family Day Care.

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.

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.

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.

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

HB0029S01 compared with HB0029

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

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.

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.

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.

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.

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.

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.

429.4 Day Care Centers.

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.

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

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

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.

HB0029S01 compared with HB0029

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.

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.

429.5 Requirements for all Day Care.

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.

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."

~~[(7)-(8)] 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)-(9)] In IBC, Section 504.4, a new section is added as follows: ["504.4.2]~~
"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 does 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.

2. All other provisions that apply in Section 407 have been provided."

~~[(9)-(10)] 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~~

HB0029S01 compared with HB0029

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."

Section ~~5~~8. Section **15A-3-112** is amended to read:

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

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

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

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

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

(d) A new footnote h is added to the table as follows: "FOOTNOTE h: Non-residential child care facilities shall comply with additional sink requirements of Utah Administrative Code, R381-60-9, Hourly Child Care Centers, R381-70-9, Out of School Time Child Care Programs, and R381-100-9, Child Care Centers."

(e) A new footnote i is added to the table as follows: "FOOTNOTE 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 Utah Administrative Code, R392-302, Design, Construction and Operation of Public Pools."

(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) IBC, Section 3001.2, is deleted.

~~[(3)]~~(4) 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."

HB0029S01 compared with HB0029

~~(4)~~(5) In IBC, Section 3109.1, the words "the International Swimming Pool and Spa Code" at the end of the section are deleted and replaced with the words "Utah Administrative Code, R392-302, Design, Construction and Operation of Public Pools."

Section ~~(6)~~9. Section **15A-3-202** is amended to read:

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 R108.3, the following sentence is added at the end of the section: "The building official shall not request proprietary information."

~~(2)~~(3) 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)~~(4) 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)~~(5) In IRC, Section R202, the following definition is added: "CERTIFIED

HB0029S01 compared with HB0029

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)]~~[(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")."

~~[(6)]~~[(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."

~~[(7)]~~[(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."

~~[(8)]~~[(9)] IRC, Figure R301.2(5), is deleted and replaced with R301.2(5) as follows:

"TABLE R301.2(5)			
GROUND SNOW LOADS FOR SELECTED LOCATIONS IN UTAH			
City/Town	County	Ground Snow Load (lb/ft ²)	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

HB0029S01 compared with HB0029

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
St. George	Washington	21	2585
Salt Lake City	Salt Lake	28	4239
Tooele	Tooele	35	5029
Vernal	Uintah	39	5384

HB0029S01 compared with HB0029

Note: To convert lb/ft² to kN/m², 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.

~~(9)~~ (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(5b) 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."

~~(10)~~ (11) In IRC, Section R302.2, the following sentence is added after the second sentence: "When an access/maintenance agreement or easement is in place, plumbing, mechanical ducting, schedule 40 steel gas pipe, and electric service conductors including feeders, are permitted to 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

HB0029S01 compared with HB0029

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

HB0029S01 compared with HB0029

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."

[(21) In IRC, Section R317.1.5, the period is deleted and the following language is added to the end of the paragraph: "or treated with a moisture resistant coating."]

~~[(20)]~~ [(22)] In IRC, Section 326.1, the words "residential provisions of the" are added after the words "pools and spas shall comply with".

~~[(20)]~~ ~~[(21)]~~ [(23)] 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)]~~ [(24)] 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)]~~ [(25)] 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)]~~ [(26)] 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

HB0029S01 compared with HB0029

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."

Section ~~7~~10. Section **15A-3-304** is amended to read:

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

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

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

(b) In row number "5", for "Adult day care and child day care" occupancy, in the field for "OTHER", a new footnote 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 Utah Administrative Code, R392-302 Design, Construction and Operation of Public Pools."

(d) A new footnote g is added as follows: "FOOTNOTE: 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 h is added to the table as follows: "FOOTNOTE h: Non-residential child care facilities shall comply with the additional sink requirements of Utah Administrative Code, R381-60-9, Hourly Child Care Centers, R381-70-9, Out of School Time Child Care Programs, and R381-100-9, Child Care Centers."

(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 413.5, is added as follows: "413.5 Public toilet rooms. All public toilet rooms shall be equipped with at least one floor drain."

(4) A new IPC, Section ~~[412-6]~~ 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.

HB0029S01 compared with HB0029

Section ~~{8}~~11. Section **15A-3-313** is amended to read:

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~~] 1301.9.4, is deleted and replaced with the following:

"[~~1301.9.5~~] 1301.9.4 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."

HB0029S01 compared with HB0029

(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."

Section ~~9~~12. Section **15A-3-402** is amended to read:

15A-3-402. Amendments to Chapters 1 through 5 of IMC.

(1) In IMC, Table [~~403.3~~] 403.3.1.1, 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.1.a or h.1.b 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

HB0029S01 compared with HB0029

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."

Section ~~(10)~~ 13. Section **15A-3-801** is amended to read:

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 301.3, the exception is deleted.

(5) In Section 305.4.2, number 7 is added after number 6 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."

~~(5)~~ (6) Section 503.6 is deleted and replaced with the following:

"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

HB0029S01 compared with HB0029

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. Reduced seismic forces are permitted for design purposes."

~~[(6)]~~ (7) 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)]~~ (8) Section 706.3.1 is deleted and replaced with the following:

"706.3.1 Bracing 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 303 of this code unless an evaluation demonstrates compliance of such items."

~~[(8)]~~ (9) 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 with such items. Reduced seismic forces are permitted for design purposes."

~~[(9)]~~ (10) (a) Section 1006.3 is deleted and replaced with the following:

"1006.3 Seismic Loads. Where a change of occupancy results in a building being assigned to a higher risk category, or when a 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."

HB0029S01 compared with HB0029

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

(c) In Section 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."

~~[(10)] (11)~~ In Section 1012.7.3, exception 2 is deleted.

~~[(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."]~~

Section ~~{11}~~14. Section **15A-3-1001** is enacted to read:

Part 10. Statewide Amendments to International Swimming Pool and Spa Code

15A-3-1001. General provisions.

(1) In ISPSC, Section 202, the following definition is added for private residential swimming pool: "PRIVATE RESIDENTIAL SWIMMING POOL. A swimming pool, spa pool, or wading pool used only by an individual, family, or living unit members and guests, but not serving any type of multiple unit housing complex of four or more living units."

(2) In ISPSC, Section 320.1, the following changes are made:

(a) the words "or storm" are deleted;

(b) the words "onsite waste water" are added before the word "disposal"; and

(c) the words "or shall be disposed of by other means approved by the state or local authority" are deleted.

Section 15. Section 17-36-55 is amended to read:

17-36-55. Fees collected for construction approval -- Approval of plans.

(1) As used in this section:

(a) "Construction project" means the same as that term is defined in Section 38-1a-102.

(b) "Lodging establishment" means a place providing temporary sleeping

accommodations to the public, including any of the following:

(i) a bed and breakfast establishment;

(ii) a boarding house;

HB0029S01 compared with HB0029

(iii) a dormitory;

(iv) a hotel;

(v) an inn;

(vi) a lodging house;

(vii) a motel;

(viii) a resort; or

(ix) a rooming house.

(c) "Planning review" means a review to verify that a county has approved the following elements of a construction project:

(i) zoning;

(ii) lot sizes;

(iii) setbacks;

(iv) easements;

(v) curb and gutter elevations;

(vi) grades and slopes;

(vii) utilities;

(viii) street names;

(ix) defensible space provisions and elevations, if required by the Utah Wildland Urban Interface Code adopted under Section 15A-2-103; and

(x) subdivision.

(d) (i) "Plan review" means all of the reviews and approvals of a plan that a county requires to obtain a building permit from the county with a scope that may not exceed a review to verify:

(A) that the construction project complies with the provisions of the State Construction Code under Title 15A, State Construction and Fire Codes Act;

(B) that the construction project complies with the energy code adopted under Section 15A-2-103;

(C) that the construction project received a planning review;

(D) that the applicant paid any required fees;

(E) that the applicant obtained final approvals from any other required reviewing agencies;

HB0029S01 compared with HB0029

(F) that the construction project complies with federal, state, and local storm water protection laws;

(G) that the construction project received a structural review; [and]

(H) the total square footage for each building level of finished, garage, and unfinished space[-]; and

(I) that the plans include a printed statement indicating that the actual construction will comply with applicable local ordinances and the state construction codes.

(ii) "Plan review" does not mean a review of a document:

(A) required to be re-submitted for additional modifications or substantive changes identified by the plan review;

(B) submitted as part of a deferred submittal when requested by the applicant and approved by the building official; or

(C) that, due to the document's technical nature or on the request of the applicant, is reviewed by a third party.

(e) "State Construction Code" means the same as that term is defined in Section 15A-1-102.

(f) "State Fire Code" means the same as that term is defined in Section 15A-1-102.

(g) "Structural review" means:

(i) a review that verifies that a construction project complies with the following:

(A) footing size and bar placement;

(B) foundation thickness and bar placement;

(C) beam and header sizes;

(D) nailing patterns;

(E) bearing points;

(F) structural member size and span; and

(G) sheathing; or

(ii) if the review exceeds the scope of the review described in Subsection (1)(g)(i), a review that a licensed engineer conducts.

(h) "Technical nature" means a characteristic that places an item outside the training and expertise of an individual who regularly performs plan reviews.

(2) (a) If a county collects a fee for the inspection of a construction project, the county

HB0029S01 compared with HB0029

shall ensure that the construction project receives a prompt inspection.

(b) If a county cannot provide a building inspection within three business days after the day on which the town collects a fee for the inspection, the county shall promptly engage an independent inspector with fees collected from the applicant.

(c) If an inspector identifies one or more violations of the State Construction Code or State Fire Code during an inspection, ~~[on the day on which the inspection occurs,]~~ the inspector shall give the permit holder written notification ~~[of each violation]~~ that:

~~[(i) is delivered in hardcopy or by electronic means; and]~~

(i) identifies each violation:

(ii) upon request by the permit holder, includes a reference to each applicable provision of the State Construction Code or State Fire Code~~[-];~~ and

(iii) is delivered:

(A) in hardcopy or by electronic means; and

(B) the day on which the inspection occurs.

(3) (a) A county shall complete a plan review of a construction project for a one to two family dwelling or townhome by no later than 14 business days after the day on which the plan is submitted to the county.

(b) A county shall complete a plan review of a construction project for a residential structure built under the International Building Code, not including a lodging establishment, by no later than 21 business days after the day on which the plan is submitted to the county.

(c) (i) Subject to Subsection (3)(c)(ii), if a county does not complete a plan review before the time period described in Subsection (3)(a) or (b) expires, an applicant may request that the county complete the plan review.

(ii) If an applicant makes a request under Subsection (3)(c)(i), the county shall perform the plan review no later than:

(A) for a plan review described in Subsection (3)(a), 14 days from the day on which the applicant makes the request; or

(B) for a plan review described in Subsection (3)(b), 21 days from the day on which the applicant makes the request.

(d) An applicant may:

(i) waive the plan review time requirements described in this Subsection (3); or

HB0029S01 compared with HB0029

(ii) with the county's consent, establish an alternative plan review time requirement.

(4) (a) A county may not enforce a requirement to have a plan review if:

(i) the county does not complete the plan review within the time period described in

Subsection (3)(a) or (b); and

(ii) a licensed architect or structural engineer, or both when required by law, stamps the plan.

(b) A county may attach to a reviewed plan a list that includes:

(i) items with which the county is concerned and may enforce during construction; and

(ii) building code violations found in the plan.

(c) A county may not require an applicant to redraft a plan if the county requests minor changes to the plan that the list described in Subsection (4)(b) identifies.

(5) An applicant shall ensure that each construction project plan submitted for a plan review under this section has a statement indicating that actual construction will comply with applicable local ordinances and building codes.