

(1) IBC, Section 106, is deleted

(2)(a) In IBC, section 110, a new section is added as follows: “110.3.5, Weather-resistant exterior wall envelope. An inspection shall be made of the weather-resistant exterior wall envelope as required by section 1403.2, and flashing as required by section 1405.4 to prevent water from entering the weather-resistive barrier.”

Insert before page 5

Insert Before page 7

(b) The remaining sections of IBC, section 110, are renumbered as follows: 110.3.6, Lath or gypsum board inspection; 110.3.7, Fire-and smoke-resistant penetrations; 110.3.8 Energy efficiency inspections; 110.3.9, Other inspections; 110.3.10, Special inspections; 110.3.11, Final inspection

(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 dangerous or unsafe, the building official is authorized to stop work."

(4)In IBC, Section 202, the definition for “Assisted Living Facility” is deleted and replaced with the following: “CHILD CARE FACILITY. See section 308.1.1

(5)In IBC, Section 202, the definition for “Child Care Facilities” is deleted and replaced with the following: “CHILD CARE FACILITIES. See Section 308.3.1.”

(6) In the list in IBC, Section 304.1, “Ambulatory health care facilities” is deleted and replaced with “Ambulatory health care facilities with four or fewer surgical operating rooms.”

(7) IBC, Section 305.2, is deleted and replaced with the following: “305.2 Day care. The use of a building or structure, or portion thereof, for educational, supervision, child day care centers, or personal care services of more than four children shall be classified as a Group E occupancy. See Section 424 for special requirements for Group E child day care centers. Exception: Areas used for child day care purposes with a Residential Certificate or a Family 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 310.1 or shall comply with the International Residential Code in accordance with Section 101.2 Areas used for Hourly Child Care Centers, as defined in Utah Administrative Code, R430-60, or Out of School Time Programs, as defined in Utah Administrative code, R430-70, may be classified as accessory occupancies.”

(8) In IBC, Section 308, the following definitions are added: “308.1.1 Definitions. 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.

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-dependent.

SEMI-DEPENDENT. 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.

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 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.”

(9) In IBC, Section 308.2, the words “Assisted living facilities” are deleted and replaced with “Type I Assisted living facilities.”

(10) IBC, Section 308.3, is deleted and replaced with the following: “308.3 Group I-2. This occupancy shall include buildings and structures used for medical, surgical, psychiatric, nursing, or custodial care on a 24-hour basis of more than three persons who are not capable of self preservation. This group shall include but not be limited to the following: hospitals, nursing homes (both intermediate care facilities and skilled nursing facilities), mental hospitals, detoxification facilities, ambulatory surgical centers with five or more operating rooms where care is less than 24 hours, and type II assisted living facilities. Type II assisted living facilities as defined in 308.1.1 with at least six and not more than sixteen residents shall be classified as a Group I-1 facility.”

(11) In IBC, Section 308.3.1, the definition for “CHILD CARE FACILITIES” is deleted and replaced with the following: “CHILD CARE FACILITIES. A child care facility, as licensed by the Utah Department of Human Services in Utah Administrative Code, R501, that provides care on a 24-hour basis to more than four children 2 ½ years of age or less shall be classified as Group I-2.”

(12) IBC, Section 308.5, is deleted and replaced with the following: “308.5 Group I-4, day care facilities. This group shall include buildings and structures occupied by persons of any age who receive custodial care less than 24 hours by individuals other than parents or guardians, relatives by blood, marriage, or adoption, and in a place other than the home of the person cared for. A facility such as the above with four or fewer persons shall be classified as an R-3 or shall comply with the International Residential Code in accordance with Section 101.2 Places of worship during religious functions and Group E child day care centers are not included.”

(13) IBC, Section 308.5.2, is deleted.

(14) In IBC, Section 310.1, in the subsection designated as R-1, at the end of the sentence beginning with “Congregate living facilities” the following is added: “or shall comply with the International Residential Code.”

(15) In IBC, Section 310.1, in the subsection designated as R-2, at the end of the sentence beginning with “congregate living facilities” the following is added: “or shall comply with the International Residential Code.”

(16) In IBC, Section 310.1, the following is added at the end of the subsection designated as R-3: “Areas used for day care purposes may be located in a residential dwelling unit under all of the following conditions:

1. Compliance with the 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.”

(17) In IBC, Section 310.1, the subsection designated as R-4 is deleted and replaced with the following: “R-4: Residential occupancies shall include buildings arranged for occupancy as Type I Assisted Living Facilities or Residential Treatment/Support Assisted Living Facilities including more than five but not more than 16 residents, excluding staff. Group R-4 occupancies shall meet the requirements for construction as defined for Group R-3 except as otherwise provided for in this code.”

Place before page 35

Place before page 35

(18) In IBC, Section 310.2, the definition for “Residential Care/ Assisted Living Facilities” is deleted and replaced with the following “Assisted Living Facilities, See Section 308.1.1.”

(19) Section IBC, 403.5.5, is deleted.

(20) In IBC, Section 422.1, the words “Sections 422.1 to 422.6” are replaced with “Sections 422.1 to 422.7.”

(21) In IBC, Section 422, a new section is added as follows: “422.7 Separation. Occupancies classified as Group B Ambulatory Health Care Facilities shall be separated from all surrounding tenants and occupancies in accordance with Table 508.4 but not less than one-hour fire barrier when the suite is capable of providing care for four or more care recipients who are incapable of self preservation.”

(22) A new IBC, Section 424, is added as follows:
“Section 424 Group E Child Day Care Centers.
Group E child day care centers shall comply with
Section 424. 424.1 Location at grade. Group E
child day care centers shall be located at the
level of exit discharge.

Exception: 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.

424.2 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 1029.

424.3 Egress. All Group E child day care centers
shall comply with Utah Administrative Code,
R430-100, Child Care Centers.”

In IBC, Section 504.2, a new section is added as
follows: “504.2.1 Notwithstanding the
exceptions to Section 504.2, Group I-2 Assisted
Living Facilities shall be allowed to be two
stories 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 1008.1.9.3 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.”

(24) In IBC, table 508.4, a new footnote g is added as follows: “g. See Section 422.7 for additional requirements of Group B Ambulatory Health Care Facilities.”

(25) In IBC, Section 707.5.1, a new exception 4 is added as follows: “4. Group B Ambulatory Health Care Facilities.”

(26) In IBC, Section (F) 902 RECORD DRAWINGS. Drawings (“as built”) that document all aspects of a fire protection system as installed.”

(27) In IBC, Section (F) 903.2.2, the words “all fire areas” are deleted and replaced with “buildings.”

(28) 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."

(29) 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."

(30) IBC, Section (F) 903.2.7, is 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. 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.”

(31) 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.”

(32) IBC, Section (F) 903.2.10, is deleted and replaced with the following: “(F) 903.2.10 Group S-2. An automatic sprinkler system shall be provided throughout buildings classified as parking garages in accordance with section 406.2 or where located beneath other groups.

Exception 1: Parking garages of less than 5,000 square feet (464 m²) accessory to Group R-3 occupancies.

Exception 2: Open parking garages not located beneath other groups if one of the following conditions is met:

- a. Access is provided for fire fighting operations to within 150 feet (45,720 mm) of all portions of the parking garage as measured from the approved fire department vehicle access; or
- b. Class I standpipes are installed throughout the parking garage.”

(33) In IBC, Section (F) 904.2.10.1, the last clause “where the fire area exceeds 5,000 square feet (464 m²)” is deleted.

(34) IBC, Section (F) 904.11, is deleted and replaced with the following: “(F) 904.11 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.

Exceptions: Factory-built commercial cooking recirculating systems that are tested in accordance with UL710B and listed, labeled, and installed in accordance with Section 304.1 of the International Mechanical Code.”

(35) IBC, Subsections (F) 904.11.3, (F) 904.11.3.1, (F) 904.11.4, and (F) 904.11.4.1, are deleted.

(36) A new IBC, Section (F) 907.9, is added as follows: “Section (F) 907.9 Carbon monoxide alarms. Carbon monoxide alarms shall be installed on each habitable level of a dwelling unit or sleeping unit in Groups R-2, R-3, R-4, and I-1 equipped with fuel burning appliances and in dwelling units that have attached garages. If more than one carbon monoxide alarm is required, they shall be interconnected as required in the International Fire Code, Chapter 9, Section 907.2.11.3. In new construction, carbon monoxide alarms shall receive their primary power as required in the International Fire Code, Chapter 9, Section 907.2.11.4. Listed single- and multiple-station carbon monoxide alarms shall comply with UL 2034 and shall be installed in accordance with the provisions of this code and NFPA 720.”

Place before page 205

(37) In IBC, Section 1008.1.9.6:

(a) the words “Group I-1 and” are added in the title and in the first sentence before the words “Group I-2”;

(b) the word “delayed” is deleted throughout and replaced with “controlled”; and

(c) the last sentence before the numbered subsections 1 through 6 is deleted.

Place before page 225

(38) In IBC, Section 1009.4.2, exception 5 is deleted and replaced with the following: "5. In Group R-3 occupancies, within dwelling units in Group R-3 occupancy, or accessory to individual dwelling units in Group R-2 occupancies, the maximum riser height shall be 8 inches (203mm) and the minimum tread depth shall be 9 inches (229 mm). And 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 (254mm)."

(39) In IBC, Section 1009.12, a new exception 6 is added as follows: "6. 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."

(40) In IBC, Section 1013.2, the words “adjacent fixed seating” is deleted

(41) In IBC, Section 1013.2, a new exception 5 is added as follows: “5. For occupancies in Group R-3 and within individual dwelling units in occupancies in Group R-2, as applicable in Section 101.2, guards shall form a protective barrier not less than 36 inches (914 mm) in height.”

(42) In IBC, Section 1015.2.2, the following sentence is added at the end: "Additional exits or exit access doorways shall be arranged a reasonable distance apart so that if one becomes blocked, the others will be available."

(43) IBC, Section 1024, is deleted

(44) A new IBC, Section 1109.7.1, is added as follows: "1109.7.1 Platform (wheelchair) lifts. All platform (wheelchair) lifts shall be capable of independent operation without a key."

(45) In IBC, Section 1208.4, 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."

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

(47) In IBC, Section 1605.2.1, the formula shown as " $f_2 = 0.2$ for other roof configurations" is deleted and replaced with the following: " $f_2 = 0.20 + .025(A-5)$ for other configurations where roof snow load exceeds 30 psf; $f_2 = 0$ for roof snow loads of 30 psf (1.44N/m²) or less. Where A = Elevation above sea level at the location of the structure (ft/1000)."

(48) In IBC, Section 1605.3.1 and Section 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 kNm²) or less need not be combined with seismic loads. Where flat roof snow loads exceed 30 pounds per square foot (1.44.kNm²), the snow loads may be reduced in accordance with the following in load combinations including both snow and seismic loads. $W_s =$ Weight of snow to be included in seismic calculations $A =$ Elevation above sea level at the location of the structure (ft/1000) $P_f =$ 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 P_f may be considered 1.0 for use in the formula for W_s ".

(49) 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."

(50) A new IBC, Section 1608.1.1, is added as follows: "1608.1.1 Section 7.4.5 of Chapter 7 of ASCE 7 referenced in 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 $2p_f$ 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."

Place before page 315

(51) In IBC, Section 1608.1.2, a new section is added as follows: "1608.1.2 Utah Snow Loads. The ground snow load, P_g , to be used in the determination by using the following formula: $P_g = (P_0^2 + S^2(A-A_0)^2)^{0.5}$ for A greater than A_0 , and $P_g = P_0$ for A less than or equal to A_0 .

WHERE:

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

P_0 = 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);

A_0 = 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, P_g , may be adjusted by the building official when a licensed engineer or architect submits data sustaining the adjustments. A record of such action together with the sustaining data shall be provided to the division for a permanent record. The building official may also directly adopt roof snow loads in accordance with Table 1608.1.2(b), provided the site is no more than 100 ft. higher than the listed elevation. Where the minimum roof live load in accordance with Section 1607.11 is greater than the design roof snow load, such roof live load shall be used for design, however, it shall no 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."

Place before page 315

(52) 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	P ₀	S	A ₀
BEAVER	43	63	6.2
BOX ELDER	43	63	5.2
CACHE	50	63	4.5
CARBON	43	63	5.2
DAGGET	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

Place before page 315

TABLE NO. 1608.1.2 (b) RECOMMENDED SNOW LOADS FOR SELECTED UTAH CITIES AND TOWNS (2)

Beaver County:			
Beaver	5,920 ft.	43	62
Box Elder County:			
Brigham City	4,300 ft.	30	43
Tremonton	4,290 ft.	30	43
Cache County			
Logan	4,530 ft.	35	50
Smithfield	4,595 ft.	35	50
Carbon County			
Price	5,550 ft.	30	43
Dagget County			
Manila	5,377 ft.	30	43
Davis County			
Bountiful	4,300 ft.	30	43
Farmington	4,270 ft.	30	43
Layton	4,400 ft.	30	43
Fruit Heights	4,500 ft.	40	57
Duchesne County			
Duchesne	5,510 ft.	30	43
Roosevelt	5,104 ft.	30	43
Emery County			
Castledale	5,660 ft.	30	43
Green River	4,070 ft.	25	36
Garfield County			
Panguitch	6,600 ft.	30	43
Grand County			
Moab	3,965 ft.	25	36
Iron County			
Cedar City	5,831 ft.	30	43
Juab County			
Nephi	5,130 ft.	30	43
Kane County			
Kanab	5,000 ft.	25	36
Millard County			
Millard	5,000 ft.	30	43
Delta	4,623 ft.	30	43

Place before page 315

Morgan County			
Morgan	5,064 ft.	40	57
Piute County			
Piute	5,996 ft.	30	43
Rich County			
Woodruff	6,315 ft.	40	57
Salt Lake County			
Murray	4,325 ft.	30	43
Salt Lake City	4,300 ft.	30	43
Sandy	4,500 ft.	30	43
West Jordan	4,375 ft.	30	43
West Valley	4,250 ft.	30	43
San Juan County			
Blanding	6,200 ft.	30	43
Monticello	6,820 ft.	35	50
Sanpete County			
Fairview	6,750 ft.	35	50
Mt. Pleasant	5,900 ft.	30	43
Manti	5,740 ft.	30	43
Ephraim	5,540 ft.	30	43
Gunnison	5,145 ft.	30	43
Sevier County			
Salina	5,130 ft.	30	43
Richfield	5,270 ft.	30	43
Summit County			
Coalville	5,600 ft.	60	86
Kamas	6,500 ft.	70	100
Park City	6,800 ft.	100	142
Park City	8,400 ft.	162	231
Summit Park	7,200 ft.	90	128
Tooele County			
Tooele	5,100 ft.	30	43
Uintah County			
Vernal	5,280 ft.	30	43
Utah County			
American Fork	4,500 ft.	30	43
Orem	4,650 ft.	30	43
Pleasant Grove	5,000 ft.	30	43
Provo	5,000 ft.	30	43
Spanish Fork	4,720 ft.	30	43

Wasatch County			
Heber	5,630 ft.	60	86
Washington County			
Central	5,209 ft.	25	36
Dameron	4,550 ft.	25	36
Leeds	3,460 ft.	20	29
Rockville	3,700 ft.	25	36
Santa Clara	2,850 ft.	15 (1)	21
St. George	2,750 ft.	15 (1)	21
Wayne County			
Loa	7,080 ft.	30	43
Hanksville	4,308 ft.	25	36
Weber County			
North Ogden	4,500 ft.	40	57
Ogden	4,350 ft.	30	43

NOTES

- (1) The IBC requires a minimum live load – see 1607.11.2
- (2) This table is informational only in that actual site elevations may vary. Table is only valid if site elevation is within 100 feet of the listed elevation.

(53) A new IBC, Section 1608.1.3, is added as follows: “1608.1.3 Thermal Factor. The value for the thermal factor, C_t , used in calculation of P_f shall be determined from Table 7.3 in ASCE 7.

Exception: Except for unheated structures, the value of C_t need not exceed 1.0 when snow load, P_g is calculated using Section 1608.1.2 as amended.”

(54) 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 with a 2-percent annual probability of being exceeded (50-year mean recurrence interval). Snow loads are zero for Hawaii, except in mountainous regions approved by the building official.”

(55) In IBC, Section 1609.1.1, a new exception 7 is added as follows: "7. The wind design procedure as found in Sections 1616 through 1624 of the 1997 Uniform Building Code may be used as an alternative wind design procedure for signs and free standing walls as listed in item 7 listed in Table 16-H of the 1997 Uniform Building Code. The Importance Factor, I, shall be determined in accordance with Table 6-1 of ASCE 7. Stress increases are only allowed as provided in Section 1605.3 of the 2009 IBC."

(56) A new IBC, Section 1613.1.1, is added as follows: "1613.1.1 ASCE 12.7.2 and 12.14.8.1 of Chapter 12 of ASCE 7 referenced in Section 1613.1, Definition of W, Item 4 is deleted and replaced with the following:

4. Where the flat roof snow load, P_f , exceeds 30 psf, the snow load included in seismic design shall be calculated, in accordance with the following formula: $W_s = (0.20 + 0.025(A-5)) P_f$ is greater than or equal to $0.20 P_f$.

WHERE:

W_s = Weight of snow to be included in seismic calculations;

A = Elevation above sea level at the location of the structure (ft/1,000);

P_f = 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 P_f may be considered 1.0 for use in the formula for W_s ."

(57) A new IBC, Section 1613.8, is added as follows: “1613.8 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.”

Place before page 345

(58) 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.”

Place before page 397

(60) 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, C_d , of the National Design Specifications, shall not be utilized at elevations above 5,000 feet (1,524 M)."

(61) In IBC, Section 2308.6, a new exception is added as follows: "Exception: Where foundation plates or sills are bolted or anchored to the foundation with not less than $\frac{1}{2}$ 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."

(62) 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 7-05, as amended in Section 1613.8, for installation in high seismic areas.”

(63) In IBC, Section 2902.1, the title for Table 2902.1 is deleted and replaced and a new footnote g is added as follows:

(a) “Table 2902.1, Minimum Number of Required Plumbing Facilities ^{a, g}”; and

(b) “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.”

(64) 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."

(65) A new IBC, Section 3401.6, is added as follows: "3401.6 Parapet bracing, wall anchors, and appendages. Buildings constructed prior to 1975 shall have parapet bracing, wall anchors, and appendages such as cornices, spires, towers, tanks, signs, statuary, etc. evaluated by a licensed engineer when said building is undergoing reroofing, or alteration of or repair to said feature. Such parapet bracing, wall anchors, and appendages shall be evaluated in accordance with 75% of the seismic forces as specified in Section 1613. When an approved code under Utah Code, Subsection 58-56-4(6)(a), will be considered when accompanied by engineer-sealed drawings, details, and calculations. When found to be deficient because of design or deteriorated condition, the engineer's recommendations to anchor, brace, reinforce, or remove the deficient feature shall be implemented

Exceptions:

1. Group R-3 and U occupancies
2. Unreinforced masonry parapets need not be braced according to the above stated provisions provided that the maximum height of an unreinforced masonry parapet above the level of the diaphragm tension anchors or above the parapet braces shall not exceed one and one-half times the thickness of the parapet wall. The parapet height may be a maximum of two and one-half times its thickness in other than Seismic Design Categories D, E, or F."

(66) IBC, Section 3408.4, is deleted and replaced with the following: “340804 Change in Occupancy. When a change in occupancy results in a structure being reclassified to a higher Occupancy Category (as defined in Table 1604.5), or when such change of occupancy results in a design occupant load increase of 100% or more, the structure shall conform to the seismic requirements for a new structure.

Exceptions:

1. Specific seismic detailing requirements of this code or ASCE 7 for a new structure shall not be required to be met where it can be shown that the level of performance and seismic safety is equivalent to that of a new structure. Such analysis shall consider the regularity, over strength, redundancy, and ductility of the structure within the context of the existing and retrofit (if any) detailing providing. Alternatively, the building official may allow the structure to be upgraded in accordance with referenced sections as found in an approved code under Utah Code, Subsection 58-56-4(6)(a).
2. When a change of use results in a structure being reclassified from Occupancy Category I or II to Occupancy Category III and the structure is located in a seismic map area where S_{DS} is less than 0.33, compliance with the seismic requirements of this code and ASCE 7 are not required.
3. Where design occupant load increase is less than 25 occupants and the Occupancy Category does not change.”

Place before page 575

(67) In IBC, Section 3411.1, the exception is deleted and replaced with the following: “Exception: Type B dwelling or sleeping units required by Section 1107 of this code are not required to be provided in existing buildings and facilities unless being altered or undergoing a change of occupancy classification.”

Place before page 575

(68) The following referenced standard is added under NFPA in IBC, Chapter 35:

“Referenced in code Number 720-09

Title

Standard for the Installation of Carbon Monoxide (CO) Detection and Warning equipment”

Section number 907.9

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

“Referenced in code number 2034-2008

Title

Standard of Single- and Multiple-station Carbon Monoxide Alarms”

Place before page 587

Place before page 587

Section 202. Statewide Amendments to the IRC.

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

- (1) 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 State Constructed Code, Section 201;
 - (b) IPC under State Construction Code, Section 203;
 - (c) IMC under State Construction Code, Section 204;
 - (d) IFGC under State Construction Code, Section 205;
 - (e) NEC under State Construction Code, Section 206; and
 - (f) IECC under State Construction Code, Section 207.

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 R703.8 to prevent water from entering the weather-resistive barrier.”

- (a) 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 (IFC) 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 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) 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, Chapters 4 and 5, and the regulations of the public health authority having jurisdiction.”

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

“TABLE NO. R301.2 (5a) STATE OF UTAH – REGIONAL SNOW LOAD FACTORS

COUNTY	P ₀	S	A ₀
BEAVER	43	63	6.2
BOX ELDER	43	63	5.2
CACHE	50	63	4.5
CARBON	43	63	5.2
DAGGET	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

Place before page 39

TABLE NO. R301.2 (5b) RECOMMENDED SNOW LOADS FOR SELECTED UTAH CITIES AND TOWNS (2)

Beaver County:			
Beaver	5,920 ft.	43	62
Box Elder County:			
Brigham City	4,300 ft.	30	43
Tremonton	4,290 ft.	30	43
Cache County			
Logan	4,530 ft.	35	50
Smithfield	4,595 ft.	35	50
Carbon County			
Price	5,550 ft.	30	43
Dagget County			
Manila	5,377 ft.	30	43
Davis County			
Bountiful	4,300 ft.	30	43
Farmington	4,270 ft.	30	43
Layton	4,400 ft.	30	43
Fruit Heights	4,500 ft.	40	57
Duchesne County			
Duchesne	5,510 ft.	30	43
Roosevelt	5,104 ft.	30	43
Emery County			
Castledale	5,660 ft.	30	43
Green River	4,070 ft.	25	36
Garfield County			
Panguitch	6,600 ft.	30	43
Grand County			
Moab	3,965 ft.	25	36
Iron County			
Cedar City	5,831 ft.	30	43
Juab County			
Nephi	5,130 ft.	30	43
Kane County			
Kanab	5,000 ft.	25	36
Millard County			
Millard	5,000 ft.	30	43
Delta	4,623 ft.	30	43

Place before page 39

Morgan County			
Morgan	5,064 ft.	40	57
Piute County			
Piute	5,996 ft.	30	43
Rich County			
Woodruff	6,315 ft.	40	57
Salt Lake County			
Murray	4,325 ft.	30	43
Salt Lake City	4,300 ft.	30	43
Sandy	4,500 ft.	30	43
West Jordan	4,375 ft.	30	43
West Valley	4,250 ft.	30	43
San Juan County			
Blanding	6,200 ft.	30	43
Monticello	6,820 ft.	35	50
Sanpete County			
Fairview	6,750 ft.	35	50
Mt. Pleasant	5,900 ft.	30	43
Manti	5,740 ft.	30	43
Ephraim	5,540 ft.	30	43
Gunnison	5,145 ft.	30	43
Sevier County			
Salina	5,130 ft.	30	43
Richfield	5,270 ft.	30	43
Summit County			
Coalville	5,600 ft.	60	86
Kamas	6,500 ft.	70	100
Park City	6,800 ft.	100	142
Park City	8,400 ft.	162	231
Summit Park	7,200 ft.	90	128
Tooele County			
Tooele	5,100 ft.	30	43
Uintah County			
Vernal	5,280 ft.	30	43
Utah County			
American Fork	4,500 ft.	30	43
Orem	4,650 ft.	30	43
Pleasant Grove	5,000 ft.	30	43
Provo	5,000 ft.	30	43
Spanish Fork	4,720 ft.	30	43
Place before page 39			

Wasatch County			
Heber	5,630 ft.	60	86
Washington County			
Central	5,209 ft.	25	36
Dameron	4,550 ft.	25	36
Leeds	3,460 ft.	20	29
Rockville	3,700 ft.	25	36
Santa Clara	2,850 ft.	15 (1)	21
St. George	2,750 ft.	15 (1)	21
Wayne County			
Loa	7,080 ft.	30	43
Hanksville	4,308 ft.	25	36
Weber County			
North Ogden	4,500 ft.	40	57
Ogden	4,350 ft.	30	43

NOTES

(1) The IRC requires a minimum live load – See R301.6.

(2) This table is informational only in that actual site elevations may vary. Table is only valid if site elevation is within 100 feet of the listed elevation.”

(8) IRC, Section R301.6, is deleted and replaced with the following: "R301.6 Utah Snow Loads. The ground snow load, P_g , to be used in the determination of design snow loads for buildings and other structures shall be determined by using the following formula: $P_g = (P_0^2 + S^2 (A - A_0)^2)^{0.5}$ for greater than A_0 , and $P_g = P_0$ for A less than or equal to A_0 .

Where:

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

P_0 = 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 site (ft. /1,000).

A_0 = 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, P_g , may be adjusted by the building official when a licensed engineer or architect submits data substantiating the adjustments. A record of such action together with the substantiating data shall be provided to the division for a permanent record. The building official may also directly adopt roof snow loads in accordance with Table R301.2 (5b), provided the site is no more than 100 ft. higher than the listed elevation. 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."

(9) In IRC, Section R302.2, the words "Exception: A" are deleted and replaced with the following: "Exceptions 1. A common 2-hour fire-resistance-rated wall is permitted for townhouses if such walls do not contain plumbing or mechanical equipment, ducts, or vents in the cavity of the common wall. Electrical installation shall be installed in accordance with Chapters 34 through 43. Penetrations of electrical outlet boxes shall be in accordance with Section R302.4. 2. In buildings equipped with an automatic residential fire sprinkler system, a".

(10) In IRC, Section R302.2.4, a new exception 6 is added as follows: “6. Townhouses separated by a common 2-hour fire-resistance-rated wall as provided in Section R302.2.”

(11) IRC, Sections R311.7.4 through R311.7.4.3, are deleted and replaced with the following: “R311.7.4 Stair treads and risers. R311.7.4.1 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).

R311.7.4.2 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 treads 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) 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 the treads does not permit the passage of a 4-inch diameter (102mm) 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.

(12) In IRC, Section R312.2, the words “adjacent fixed seating” are deleted.

(13) IRC, Section R313, is deleted.

(14) IRC, Section R315.1, is deleted and replaced with the following: R315.1 Carbon monoxide alarms. For new construction, a listed carbon monoxide alarm shall be installed on each habitable level of dwelling units within which fuel-fired appliances are installed and in dwelling units that have attached garages.

(15) IRC, Section R315.3, is deleted and replaced with the following: R315.3 Alarm requirements. Listed single –and multiple station carbon monoxide alarms shall comply with UL 2034 and shall be installed in accordance with the provisions of this code and NFPA 720.

(16) In IRC, Section R403.1.6, a new exception 4 is added as follows: 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.

(17) 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.

(18) 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.

(19) IRC, Sections R612.2 through R612.4.2 are deleted.

(20) IRC Chapter 11, is deleted and replaced with chapter 11 of the 2006 International Residential Code and chapter 4 of the 2006 International Energy Conservation Code.

(21) IRC Section M1411.6, is deleted.

Place before page 455

Place before page 487

(22) In IRC, Section M1502.4.4.1, the words “25 feet (7620 mm)” are deleted and replaced with “35 feet (10668 mm)”.

(23) 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.”

(24) 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."

(25) 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 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."

(26) In IRC, Section P2801.7, the word “townhouses” is deleted.

(27) A new IRC, Section P2902.1.1, is added as follows: “P2902.1.1 Backflow assembly testing. The premise owner or his designee shall have backflow prevention assemblies operation tested 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 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.”

(28) IRC, Table P2902.3, is deleted and replaced with the following: "TABLE P2902.3 General Methods of Protection

<p>Assembly (applicable standard Reduced Pressure Principle Backflow Preventer (AWWAC511, USC-FCCCHR, ASSE 1013 CSA CNA/CSA-B64.4) and Reduced Pressure Detector Assembly (ASSE 1047, USC-FCCCHR)</p>	<p>Degree of Hazard High or low</p>
<p>Double Check installed in a Backflow Prevention Assembly (AWWA C510, USC-FCCCHR, ASSE 1015) Double Check including Detector Assembly Backflow Preventer (ASSE 1048, USC-FCCCHR)</p>	<p>Low</p>

<p>Application</p> <p>Backpressure or Backsiphonage ½" – 16"</p>	<p>Installation Criteria</p> <p>a. The bottom of each RP assembly shall NOT be installed in A pit.</p> <p>c. the relief valve on eachRP assembly shall not be directly connected to any waste disposal line, including sanitary sewer, storm drains, or vents.</p> <p>d. The assembly shall be installed in a horizontal position only unless listed or approved for vertical installation.</p> <p>a. If pit, the DC assembly shall be installed with a minimum of 12inches of Clearance between All sides of the Vault The floor and roof Or ceiling with Adequate room for Testing and Maintenance.</p> <p>b. Shall be installed in a horizontal position unless listed or approved for vertical installation.</p>
--	--

<p>Pressure Vacuum Breaker Assembly (ASSE 1020, USC-FCCCHR)</p>	<p>High or Low</p>
<p>Spill Resistant Vacuum Breaker (ASSE 1056, USC-FCCCHR)</p>	<p>High or Low</p>
<p>General Installation Criteria</p>	

Place before page 603

<p>Backsiphonage ½" – 2"</p>	<p>a. Shall not be installed in an area that could be subjected to backpressure or back drainage conditions. b. Shall be installed a minimum of 12 inches above all downstream piping and the highest point of use. c. Shall not be installed below ground or in a facilitate testing, repair, and/or maintenance and to ensure the safety of the backflow technician. Assemblies shall not Be installed more than Five feet off the floor Unless a permanent Platform is installed. The body of the Assembly shall not be Closer than 12 inches To any wall, ceiling or Encumbrance, and Shall be accessible for Testing, repair and/or Maintenance. In cold climates, Assemblies shall be Protected form Freezing by a means Acceptable to the code Official. Assemblies shall be Maintained as an intact assembly.</p>
----------------------------------	---

Place before page 603

(29) IRC, Table 2902.3a, is added as follows:
 “TABLE 2902.3A Specialty Backflow Devices for low hazard use only

Device	Degree of Hazard
Air Gap	High or Low
Anti-siphon-type Water Closet Flush Tank Ball Clock Atmospheric Vacuum USC-FCCCHR, Breaker	High or Low
Dual check valve Backflow Preventer	Low
Backflow Preventer with Intermediate Atmospheric Vent Dual check valve Type Backflow Preventer for Carbonated Beverage Dispensers/ Post Mix Type	Low Residential Boiler Low

Application	Applicable Standard
Backsiphonage	See Table P2902.3.1 ASME A11.1.2
Backsiphonage	ASSE 1002 CSA CAN/ CSA-B125 ASSE 1001
Backsiphonage a. Shall not be installed in an area that could be subjected to backpressure or back drainage conditions.	CSA CAN/CSA-B64.1.1
b. Shall not be installed where it may be subjected to continuous pressure for more than 12 consecutive hours at any time.	
c. Shall be installed a minimum of six inches above all downstream piping and the highest point of use.	
d. Shall be installed on the discharge (downstream) side of any valves.	
e. The AVB shall e installed in a vertical position only.	ASSE 1024
Backsiphonage or Backpressure ¼" – 3/8"	ASSE 1012 CSA CAN/ CSA-B64.3 ASSE 1022

Hose-connection Vacuum Breaker	Low	Backsiphonage ½" – 1"	ASSE 1052
Vacuum Breaker Wall Hydrants, Frost-resistant, Automatic Draining Type Laboratory Faucet Backflow Preventer Hose Connection Backflow Preventer	Low		

(30) 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."

Installation Guidelines: The above specialty devices shall be installed in accordance with their listing and the manufacturer's instructions and the specific provisions of this chapter."

(31) 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.”

(32) In IRC, Section E3902.11, the following words are deleted: “family rooms, dining rooms, living rooms, parlors, libraries, dens, sunrooms, recreation rooms, closets, hallways, and similar rooms or areas”.

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

Standard reference number USC-FCCCHR 9 th Edition Manual of Cross Connection Control	Title Foundation for Cross-Connection Control and Hydraulic Research University of Southern California Kaprielian Hall 300 Los Angeles Ca 90089-2531	Referenced in code Section number Table P2902.3

Place before page 727

(34) In IRC, Chapter 44, the following standard is added under NFPA as follows:

Standard reference number	Title Standard for the Installation of Carbon Monoxide (CO) Detection and Warning Equipment	Referenced in code section number R315.3
720-09		

Place before page 727

Section 206. Statewide Amendments to the NEC
The following are adopted as amendments to
the NEC to be applicable statewide:

(1) During the period of time when the adopted
IRC has not yet incorporated the latest
residential electrical provisions contained in the
adopted NEC, the IRC provisions shall prevail as
the adopted residential electrical standards
applicable to installations applicable under the
IRC. All other installations shall comply with the
adopted NEC.

(2) In NEC, Section 310.15 (B) (6), the second
sentence is deleted and replaced with the
following: "For application of this section, the
main power feeder shall be the feeder(s)
between the main disconnect and the
panelboard(s)."

(3) In NEC, Section 338.10 (B) (4) (a), the following words are added at the end of the first sentence after Section 334: “excluding Section 334.80.”

Section 207. Statewide Amendments to the IECC.

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

(1) In IECC, Section 504.4, a new exception is added as follows: “Exception: Heat traps, other than the arrangement of piping and fittings, shall be prohibited unless a means of controlling thermal expansion can be ensured as required in the IPC Section 607.3.”

Section 208. Installation and safety Requirements for Mobile Homes Built Prior to June 15, 1976.

(1) Mobile homes built prior to June 15, 1976 which are subject to relocation, building alteration, remodeling, or rehabilitation shall comply with the following:

(a) Related to exits and egress windows:

(i) Egress windows. The home has at least one egress window in each bedroom, or a window that meets the minimum specifications of the U.S. Department of Housing and Urban Development (HUD) Manufactured Homes Construction and Safety Standards (MHCSS) program as set forth in 24 C.F.R. Parts 3280 and 3283, MHCSS 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 dimension and at least five square feet in area. The bottom of the window screen or storm window devices that need to be operated to permit exiting shall not be located more than 54 inches above the floor.

(ii) 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 single-section homes have the doors no less than 12 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 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.

(b) Related to flame spread:

(i) 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.

(ii) 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 in 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).

(c) Related to smoke detectors:

(i) 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 the bedroom area, in which case the detector shall be installed on the living-area side, as close to the door as practical, as required by MHCSS 3280.208. Homes with bedroom areas separated by any one or combination of common-use areas such as 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.

(ii) Switches and electrical connections. Smoke detectors shall have no switches in the circuit to 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.

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

(i) 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/manufacture's instructions and the minimum requirements of MHCS 3280.709 (g).

(ii) 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.

(A) 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.

(B) 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.

(C) 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.

(e) Related to electrical wiring systems:

(i) Testing. All electrical systems shall be tested for continuity in accordance with MHCS 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.

(ii) 5.2 Protection. The electrical systems shall be properly protected for the required amperage load. If the unit wiring employs aluminum conductors shall be marked CO/ALA. Exterior receptacles, other than heat tape receptacles, shall be of the ground-fault circuit interrupter (GFI) type. Conductors of dissimilar metals (copper/aluminum or copper-clad aluminum) must be connected in accordance with NEC, Section 110-14.

(f) Related to replacement furnaces and water heaters:

(i) 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.

(ii) 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).

(iii) 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.

(A) 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 a 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.

(B) 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.

Part 3. Local Amendments

Section 301. Local Amendments to the IBC

The following are adopted as amendments to the IBC to be applicable to the following jurisdictions:

(1) City of Farmington:

(a) A new IBC, Section (F) 903.2.13, is added as follows: “(F) 903.2.13 Group 3 Occupancies. An automatic sprinkler system shall be installed throughout every dwelling in accordance with NFPA 13D, when any of the following conditions are present:

1. The structure is over two stories high, as defined by the building code;
2. The nearest point of structure is more than 150 feet from the public way;
3. The total floor area of all stories is over 5,000 square feet (excluding from the calculation the area of the basement and/or garage); or
4. The structure is located on a street constructed after March 1,2000 that has a gradient over 12% and, during fire department response, access to the structure will be gained by using such street. (If the access is intended to be from a direction where the steep gradient is not used, as determined by the Chief, this criteria shall not apply).

Such sprinkler system shall be installed in basements, but need not be installed in garages, under eaves or in enclosed attic spaces, unless required by the Chief.”

(b) A new IBC, Section 907.9, is added as follows: “907.9 Alarm Circuit Supervision. Alarm circuits in alarm systems provided for commercial uses (defined as other than one- and two-family dwellings and townhouses) shall have Class “A” type of supervision. Specifically, Type “B” or End-of-line resistor and horn supervised systems are not allowed.”

(c) In NFPA Section 12-07, new sections are added as follows: “6.8.6 FDC Security Locks Required. All Fire Department connections installed for fire sprinkler and standpipe systems shall have approved security locks.

6.10 Fire Pump Disconnect Signs. When installing a fire pump, red plastic laminate signs shall be installed in the electrical service panel, if the pump is wired separately from the main disconnect. These signs shall state: “Fire Pump Disconnect Only” and “Main Breaker DOES NOT Shut Off Fire Pump”.

22.1.6 Plan Preparation Identification. All plans for fire sprinkler systems, except for manufacturer’s cut sheets of equipment shall include the full name of the person who prepared the drawings. When the drawings are prepared by a registered professional engineer, the engineer’s signature shall also be included.

22.2.2.3 Verification of Water Supply:

22.2.2.3.1 Fire Flow Tests. Fire flow tests for verification of water supply shall be conducted and witnessed for all applications other than residential unless directed otherwise by the Chief. For residential water supply, verification shall be determined by administrative procedure.

22.2.2.3.2 Accurate and Verifiable Criteria. The design calculations and criteria shall include an accurate and verifiable water supply.

24.2.3.7 Testing and inspection of Systems. Testing and inspection of sprinkler systems shall include, but are not limited to:

Commercial:

FLUSH- Witness Underground Supply Flush:

ROUGH Inspection-Installation and Escutcheons, Inspectors Test Location and Flow, Main Drain Flow, FDC Location and Escutcheon, Alarm Function, Spare Parts, Labeling of Components and Signage, System Completeness, Water Supply Pressure Verification, Evaluation of Any Unusual Parameter.”

Hydrostatic Pressure Test;

FINAL Inspection-Head Installation and Escutcheons, Inspectors Test Location and Flow, Main Drain Flow, FDC Location and Escutcheon, Alarm Function, Spare Parts, Labeling of Components and Signage, System Completeness, Water Supply Pressure Verification, Evaluation of Any Unusual Parameter.”

(2) City of North Salt Lake, a new IBC, Section (F) 903.2.13, is added as follows:

“(F)903.2.13 Group R, Division 3 Occupancies. An automatic sprinkler system shall be installed throughout every dwelling in accordance with NFPA 13D, when the following condition is present:

1. The structure is over 6,200 square feet.

Such sprinkler system shall be installed in basements, but need not be installed in garages, under eaves, or in enclosed attic spaces, unless required by the fire chief.”

(3) 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.”

(4) 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.

All new construction having more than two (2) stories, except R-3 occupancy.

All new construction having three (3) or more dwelling units, including units rented or leased, and including condominiums or other separate ownership.

All new construction in the Historic Commercial Business zone district, regardless of occupancy.

All new construction and buildings in the General Commercial zone district here 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.

All existing building within the Historic District Commercial Business zone.”

(b) in IBC, Table 1505.1.1, 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 with 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

<u>RATING</u>	<u>SLOPE</u>	<u>VEGETATION</u>
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

<u>Rating</u>	<u>R-3 Occupancy</u>	<u>All other occupancies</u>
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

(c) IBC, Appendix C is adopted.

(5) Salt Lake City:

(a) 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."

(6) Sandy City:

(a) 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 of the 2009 International Fire Code. Exempt locations as indicated in Section 903.3.1.1.1 are allowed.

Exception: Automatic fire sprinklers are not required in buildings solely for worship, Group R Division 3 Group U occupancies and buildings complying with International Residential Code unless otherwise required by the International Fire Code.

(b) A new IBC, Appendix L, 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 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 the Ignition Resistant Construction.

(i) In Section 504 of the IWUIC Class I IGNITION-RESISTANT SONSTRUCTION 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 International Wildland0Urban Interface Code.

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

Section 302. Local Amendments to the IRC.

The following are adopted as amendments to the IRC to be applicable to the following two family dwellings and multiple single family dwellings shall be applicable to the corresponding provisions of the IRC for the jurisdiction to which the local amendment has been made:

- a) IBC under State Construction Code, Section 301;
- b) IPC under State Construction Code, Section 303;
- c) IMC under State Construction Code, Section 304;
- d) IFGC under State Construction Code, Section 305;
- e) NEC under State Construction Code, Section 306; and
- f) IECC under State Construction Code, Section 307.

(2) City of Farmington:

(a) In IRC, R324 Automatic Sprinkler Systems, new IRC, Sections R324.1 and R324.2 are added as follows: "R324.1 When required. An automatic sprinkler system shall be installed throughout every dwelling in accordance with NFPA 13@, when any of the following conditions are present:

- 1. the structure is over two stories high, as defined by the building code;
- 2. the nearest point of structure is more than 150 feet from the public way;
- 3. the total floor area of all stories is over 5,000 square feet (excluding from the calculation the area of the basement and/or garage); or
- 4. the structure is located on a street constructed after March 1,2000 that has a gradient over 12% and, during fire department response, access to the structure will be gained by using such street. (If the access is intended to be from a direction where the steep gradient is not used, as determined by the Chief. Such system shall be installed in accordance with NFPA 13D."

(b) In IRC, Chapter 44, the following NFPA referenced standards are added as follows:

TABLE

ADD

13D-07

Installation of Sprinkler Systems in One- and Two Family Dwellings and manufactured homes, as Amended by these rules

13R-07

Installation of Sprinkler Systems in Residential Occupancies Up to and Including Four Stories in Height"

(c) In NFPA, Section 13D-07, new sections are added as follows: "1.15 Reference to NFPA13D in the codes, ordinances, rules, or regulations governing NFPA 13D systems shall be read to refer to "modified NFPA 13D' to reference the NFPA 13D as amended by additional regulations adopted by Farmington City.

4.9 Testing and Inspection of Systems. Testing and inspection of sprinkler systems shall include, but are not limited to:

Residential:

ROUGH Inspection-Verify Water Supply Piping Size and Materials, Installation of Riser, System Piping, Head Locations and all Components, Hydrostatic Pressure Test.

FINAL Inspection-Inspectors Test flow, System Completeness, Spare Parts, Labeling of Components and Signage, Alarm Function, Water Supply Pressure Verification.

5.2.2.3 Exposed Piping of Metal. Exposed Sprinkler Piping material in rooms of dwelling shall be of Metal.

EXCEPTIONS:

a. CPVC Piping is allowed in unfinished, occupied rooms used for sports courts or similar uses only when the ceiling/floor framing above is constructed entirely of non-combustible materials, such as a concrete garage floor on metal decking.

5.2.2.4 Water Supply Piping Material. Water Supply Piping from where the water line enters the dwelling adjacent to and inside the foundation to the fire sprinkler contractor point-of-connection shall be metal, suitable for potable plumbing systems. See Section 7.1.4 for valve prohibition in such piping. Piping down stream from the point-of-connection used in the fire sprinkler system, including the riser, shall conform to NFPA 13D standards.

5.4 Fire Pump Disconnect Signs. When installing a Fire Pump, Red Plastic Laminate Signs shall be installed in the electrical service panel, if the pump is wired separately from the main disconnect. These signs shall state: "Fire Pump Disconnect ONLY" and "Main Breaker DOES NOT Shut Off Fire Pump".

7.1.4 Valve Prohibition. NFPA 13D, Section 71. Is hereby modified such that NO VALVE is permitted from the City Water Meter to the Fire Sprinkler Riser Control.

7.6.1 Mandatory Exterior Alarm. Every dwelling that has a fire sprinkler system shall have an exterior alarm, installed in an approved location. The alarm shall be of the combination horn/strobe or electric bell/strobe type, approved for outdoor use.

8.1.05 Plan Preparation identification. All plans for fire sprinkler systems, except for manufacturer's cut sheets of equipment, shall include the full name of the person who prepared the drawings. When the drawings are prepared by a registered professional engineer, the engineer's signature shall also be included.

8.7 Verification of Water Supply:

8.7.1 Fire Flow Tests: Fire Flow Tests for verification of Water Supply shall be conducted and witnesses for all applications other than residential, unless directed otherwise by the Chief. For residential Water Supply, verification shall be determined by administrative procedure.

8.7.2 Accurate and Verifiable Criteria. The design calculations and criteria shall include an accurate verifiable Water Supply.

(3) Morgan City Corporation, in IRC, Section R105.2, Work Exempt From Permit, a new list item number 11 is added as follows: "11. Structures intended to house farm animals, or for the storage of feed associated with said farm animals when all the following criteria are met:

a. The parcel of property involved is zoned for the keeping of farm animals or has grandfathered animal rights.

b. The structure is setback not less than 50 feet from the rear or side of dwellings, and not less than 10 feet from the property lines and other structures.

c. The structure does not exceed 1,000 square feet of floor area, and is limited to 20 feet in height. Height is measured from the average grade to the highest point of the structure.

d. Before construction, a site plan is submitted to, and approved by the building official. Electrical, plumbing, and mechanical permits shall be required when that work is included in the structure."

(4) Morgan County, in IRC, Section R105.2 a new list item number 11 is added as follows: “11. Structures intended to house farm animals, or for the storage of feed associated with said farm animals when all the following criteria are met:

- a. The parcel of property involved is zoned for the keeping of farm animals or has grandfathered animal rights.
- b. The structure is set back not less than required by the Morgan County Zoning Ordinance for such structures, but not less than 10 feet from property lines and other structures.
- c. The structure does not exceed 1,000 square feet of floor area, and is limited to 20 feet in height. Height is measured from the average grade to highest point of the structure.
- d. Before construction, a Land Use Permit must be applied for, and approved, by the Morgan County Planning and Zoning Department. Electrical, plumbing, and mechanical permits shall be required when the work is included in the structure.

(5) City of North Salt Lake, a new IRC, Section R324, is added as follows: “Section R324 Automatic Sprinkler System Requirements. R324.1 When Required. An automatic sprinkler system shall be installed throughout every dwelling when the following condition is present:

1. The structure is over 6,200 square feet.

R324.2 Installation requirements and standards. Such sprinkler system shall be installed in basements, but need not be installed in garages, under eaves, or in enclosed attic spaces, unless required by the fire chief. Such system shall be installed in accordance with NFPA 13D”

(6) Park City Corporation, Appendix P, of the 2006 IRC is adopted.

(7) 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 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 or equal to 12	wood roofs are prohibited”

(C) Appendix K is adopted.

(8) 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 Cod (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-RESISTAN CONSTRUCTION a new Section 504.1.1 General. Subsections 504.5, 504.6, 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.”

Section 303. Local Amendments to the IPC.

The following are adopted as amendments to the IPC to be applicable to the following jurisdictions:

(1) Salt Lake City, IPC, Appendix C, as specified and amended in State Construction Code, Subsection 203(49).

(2) South Jordan:

(a) 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."

(b) 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."

Section 304. Local Amendment to the IMC.

The following are adopted as amendments to the IMC to be applicable to the following jurisdictions:

None.

Section 305. Local Amendment to IFGC.

The following are adopted as amendments to the IFGC to be applicable to the following jurisdictions:

None.

Section 306. Local Amendment to the NEC.

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

None.

Section 307. Local Amendment to the IECC

The following are adopted as amendments to the IECC to be applicable to the following jurisdictions:

None.

Section2. Effective Date.

This bill takes effect on July 1, 2010