

AGENDA

UNIFORM BUILDING CODE COMMISSION
ARCHITECTURAL ADVISORY COMMITTEE
UNIFIED CODE ANALYSIS COUNCIL
JOINT MEETING

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June 21, 2022 9:00

This agenda is subject to change up to 24 hours prior to the meeting.

1. Approve minutes from the June 7, 2022 joint meeting
2. Review proposed amendment for IBC Section P2902.1.1, P2902.2 and IPC 405.3
3. Continue with the review of the 2021 IRC
4. Final review of Title 15A recommended changes
5. Make a recommendation for their portion of the 2021 IBC & IRC

Next Scheduled Meeting: as needed

If you do not plan on attending this meeting, please call Sharon at 530-6163 or email at ssmalley@utah.gov or sduncombe@utah.gov.



In compliance with the Americans with Disabilities Act, individuals needing special accommodations (including auxiliary communicative aids and services) during this meeting should notify Dave Taylor, ADA Coordinator, at least three working days prior to the meeting. Division of Occupational and Professional Licensing, 160 East 300 South, Salt Lake City UT 84115, Phone 530-6628 or toll-free in Utah only 866-275-3675.

UNIFORM BUILDING CODE COMMISSION
ARCHITECTURAL ADVISORY COMMITTEE
UNIFIED CODE ANALYSIS COUNCIL

JOINT MEETING

June 7, 2022 9:00 am

CONVENED: 9:03 AM

ADJOURNED: 12:05

STAFF:

Steve Duncombe, Bureau Manager
Sharon Smalley, Board Secretary

ARCHITECTURAL ADVISORY COMMITTEE

David Triplett	Mark Stonehocker
Chris Weintz	Bryan Romney
Max Angle (absent)	Lorin Wilcox
Lorianne Bisping, Liaison	

UNIFIED CODE ANALYSIS COUNCIL

Rick Sturm	Dave Vickers (absent)
Malcolm Campbell	Thomas Peterson (excused)
Paul Bauer (excused)	Don Brinkerhoff
Dan DeVoogd	Scott Adams
Vince Newberg	Todd Hohbein (absent)
James Williams	Chris Hendrickson, Commission Liaison

VISITORS:

James Barnett

MINUTES

A motion was made by Scott Adams to approve the minutes from the April 5, 2022 meeting as written. The motion was seconded by Chris Weintz and passed unanimously.

REVIEW PROPOSED
AMENDMENT FOR IBC
SECTION 202

The committees reviewed the proposal for this section to modify two definitions. Following the discussion, a motion was made by Chris Weintz to deny the proposal. The motion was seconded by Lorianne Bisping and passed unanimously.

REVIEW RECOMMENDATION
FROM SCOTT ADAMS FOR
IBC SECTION (F)903 & (F)915

Scott Adams presented the recommendations for Chapter 9. Following the review and discussion on the proposals for (F) 903, a motion was made by Bryan Romney to approve them all. The motion was seconded by

James Williams and passed unanimously.

Following the review and discussion on the proposal for Section (F)915 and the recommendations for Group E in Section 915.2.3, a motion was made by Chris Weintz to approve the proposal as modified. The motion was seconded by Lorianne Bisping and passed unanimously. Scott Adams noted that these amendments will also be recommended for the International Fire Code through the State Fire Marshal's Office.

REVIEW PROPOSED AMENDMENT FOR IBC SECTION P2902.2, P2902.2 AND IPC 405.3

A motion was made by Lorianne Bisping to table the decision for this proposal until the next meeting. The motion was seconded by Chris Weintz and passed unanimously.

REVIEW PROPOSED AMENDMENTS FOR R101.2, R114.1/R115.1, R302.5.1, R303.4, R312.1.1, R326.3

Each of the proposed amendments were reviewed and discussed individually. These amendments had previously been reviewed at the May meeting. The following recommendations were made for each proposal for an amendment to the IRC.

R101.2 A motion was made by James Williams to deny the proposal. The motion was seconded by Lorianne Bisping and passed unanimously.

R114.1/R115.1 A motion was made by Chris Weintz to deny the proposal. The motion was seconded by James Williams and passed unanimously.

R302.5.1 A motion was made by Lorianne Bisping to deny the proposal. The motion was seconded by James Williams and passed unanimously.

R303.4 A motion was made by James Williams to deny the proposal. The motion was seconded by Lorianne Bisping and passed unanimously.

R312.1.1 A motion was made by James Williams to deny the proposal and also to delete the current amendment for R312.2. The motion was seconded by Mark Stonehocker and passed unanimously.

Note: These minutes are not intended to be a verbatim transcript but are intended to record the significant features of the business conducted in this meeting. Discussed items are not necessarily shown in the chronological order they occurred.

R326.3 A motion was made by Scott Adams to deny the proposal. The motion was seconded by James Williams and passed unanimously.

R506.2.3 A motion was made by Lorianne Bisping to deny the proposal. The motion was seconded by James Williams and passed unanimously.

R609.4.1 A motion was made by Bryan Romney to deny the proposal. The motion was seconded by Rick Sturm and passed unanimously.

CONTINUE WITH THE
REVIEW OF THE 2021 IRC

Chris Weintz continued with his review of Chapter 3 and 4 along with the current amendments. A motion was made by Chris Weintz to change the section number from R109.1.5 to R109.1.5.2, change section number R703.8 to R703.4 and delete (3)(b). The motion was seconded by James Williams and passed unanimously.

The current amendment for R114.1 is now covered in the 2021 code. A motion was made by Chris Weintz to delete the current amendment. The motion was seconded by Brian Romney and passed unanimously.

Following the review of the current amendment to Section R302.2, a motion was made by Chris Weintz to modify the wording to read, "The following sentence is added at the end of the paragraph." The motion was seconded by Bryan Romney and passed unanimously.

The next meeting will be on June 21 at 9:00.

The meeting adjourned at 12:05.

[P] **2902.1.1 Fixture calculations.** To determine the occupant load of each sex, the total occupant load shall be divided in half. To determine the required number of fixtures, the fixture ratio or ratios for each fixture type shall be applied to the *occupant load* of each sex in accordance with **Table 2902.1**. Fractional numbers resulting from applying the fixture ratios of **Table 2902.1** shall be rounded up to the next whole number. For calculations involving multiple occupancies, such fractional numbers for each occupancy shall first be summed and then rounded up to the next whole number.

Exceptions:

1. The total occupant load shall not be required to be divided in half where approved statistical data indicates a distribution of the sexes of other than 50 percent of each sex.

2. Where multiple-user facilities are designed to serve all genders the following shall apply:

2.1 ~~The minimum maximum fixture count to serve all genders shall be calculated 100-percent, based on total occupant load.~~ at 50% of the total Occupant Load. The maximum fixture count for the multiple-user all gender facility shall be calculated at 50% female and 50% male.

2.2 The remaining 50% of the required restroom fixtures shall be provided as required by Table 2902.1 in separate toilet facilities.

3. **Distribution of the sexes is not required where single-user water closets and bathing room fixtures are provided in accordance with Section 2902.1.2.**

[P] **2902.2 Separate facilities.**

Where plumbing fixtures are required, separate facilities shall be provided for each sex.

Exceptions:

1. Separate facilities shall not be required for dwelling units and sleeping units .

2. Separate facilities shall not be required in structures or tenant spaces with a total occupant load , including both employees and customers, of 15 or fewer.

3. Separate facilities shall not be required in mercantile occupancies in which the maximum occupant load is 100 or fewer.

4. Separate facilities shall not be required in business occupancies in which the maximum occupant load is 25 or fewer.

5. **Separate facilities shall not be required to be designated by sex where single-user toilets rooms are provided in accordance with Section 2902.1.2.**

6. ~~Separate facilities shall not be required~~ except as prescribed in Section 2902.1, Exception 2, where rooms **Rooms** having both water closets and lavatory fixtures are designed for use by both sexes and privacy for water closets are shall be installed in accordance with Section 405.3.4 of the International Plumbing Code and, Section 2903.1.4 of this code. Urinals in multiple-user all gender toilet facilities shall be located in an area visually separated from the remainder of the facility or each urinal that is provided shall be located in a stall, and installed in accordance with Section 405.3.5 of the International Plumbing Code and Section 2903.1.5 of this code.

[P] 2903.1.4 Water closet compartment.

Each water closet utilized by the public or employees shall occupy a separate compartment with walls or partitions and a door enclosing the fixtures to ensure privacy. For facilities designed for use by both sexes in the same room, the partitions of the stalls shall extend from the floor to the ceiling.

Exceptions:

1. Water closet compartments shall not be required in a single-occupant toilet room with a lockable door.
2. Toilet rooms located in child day care facilities and containing two or more water closets shall be permitted to have one water closet without an enclosing compartment.
3. This provision is not applicable to toilet areas located within Group I-3 housing areas.

[P] 2903.1.5 Urinal partitions. Each urinal utilized by the public or employees shall occupy a separate area with walls or partitions to provide privacy. The horizontal dimension between walls or partitions at each urinal shall be not less than 30 inches (762 mm). The walls or partitions shall begin at a height not greater than 12 inches (305 mm) from and extend not less than 60 inches (1524 mm) above the finished floor surface. The walls or partitions shall extend from the wall surface at each side of the urinal not less than 18 inches (457 mm) or to a point not less than 6 inches (152 mm) beyond the outermost front lip of the urinal measured from the finished backwall surface, whichever is greater. For facilities designed for use by both sexes in the same room, urinals shall be located in a separate room or in the stalls with partitions of the stalls shall that extend from the floor to the ceiling.

Exceptions:

1. Urinal partitions shall not be required in a single-occupant or family/assisted-use toilet room with a lockable door.
2. Toilet rooms located in child day care facilities and containing two or more urinals shall be permitted to have one urinal without partitions.

405.3.4 Water closet compartment.

Each water closet utilized by the *public* or employees shall occupy a separate compartment with walls or partitions and a door enclosing the fixtures to ensure privacy. For facilities designed for use by both sexes in the same room, the partitions of the stalls shall extend from the floor to the ceiling.

Exceptions:

1. 1. Water closet compartments shall not be required in a single-occupant toilet room with a lockable door.
2. 2. Toilet rooms located in child day care facilities and containing two or more water closets shall be permitted to have one water closet without an enclosing compartment.

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Exceptions:

1. Urinal partitions shall not be required in a single occupant or family/assisted-use toilet room with a lockable door.
2. Toilet rooms located in child day care facilities and containing two or more urinals shall be permitted to have one urinal without partitions.

[P] 2902.1.1 Fixture calculations. To determine the occupant load of each sex, the total occupant load shall be divided in half. To determine the required number of fixtures, the fixture ratio or ratios for each fixture type shall be applied to the *occupant load* of each sex in accordance with **Table 2902.1**. Fractional numbers resulting from applying the fixture ratios of **Table 2902.1** shall be rounded up to the next whole number. For calculations involving multiple occupancies, such fractional numbers for each occupancy shall first be summed and then rounded up to the next whole number.

Exceptions:

1. The total occupant load shall not be required to be divided in half where approved statistical data indicates a distribution of the sexes of other than 50 percent of each sex.

2. **Where multiple-user facilities are designed to serve all genders the following shall apply:**

2.1 ~~The minimum maximum fixture count to serve all genders shall be calculated 100 percent, based on total occupant load, at 50% of the total occupant load. The maximum fixture count for the multiple-user all gender facility shall be calculated at 50% female and 50% male.~~

~~2.2 The remaining 50% of the required restroom fixtures shall be provided as required by Table 2902.1 in separate toilet facilities. The remaining 50% of the required occupant load shall be divided in half for each sex. To determine the required number of fixtures for each separate toilet facility, the fixture ratio or ratios for each fixture type shall be applied to the occupant load of each sex in accordance with Table 2901.1.~~

Exceptions:

1. 2902.1.1, Exception 1.
2. 2902.1.1, Exception 3.

3. Distribution of the sexes is not required where single-user water closets and bathing room fixtures are provided in accordance with Section 2902.1.2.

[P] 2902.2 Separate facilities

Where plumbing fixtures are required, separate facilities shall be provided for each sex.

Exceptions:

1. Separate facilities shall not be required for dwelling units and sleeping units .
2. Separate facilities shall not be required in structures or tenant spaces with a total occupant load , including both employees and customers, of 15 or fewer.
3. Separate facilities shall not be required in mercantile occupancies in which the maximum occupant load is 100 or fewer.
4. Separate facilities shall not be required in business occupancies in which the maximum occupant load is 25 or fewer.

5. Separate facilities shall not be required to be designated by sex where single-user toilet rooms are provided in accordance with Section 2902.1.2.

6. Separate facilities shall not be required ~~except as prescribed in Section 2902.1, Exception 2, where rooms~~ Rooms having both water closets and lavatory fixtures are designed for use by both sexes and privacy for water closets are shall be installed in accordance with Section 405.3.4 of the International Plumbing Code and, Section 2903.1.4 of this code. Urinals in multiple-user all gender toilet facilities shall be located in an area visually separated from the remainder of the facility or each urinal that is provided shall be located in a stall, and installed in accordance with Section 405.3.5 of the International Plumbing Code and Section 2903.1.5 of this code.

[P] 2903.1.4 Water closet compartment.

Each water closet utilized by the public or employees shall occupy a separate compartment with walls or partitions and a door enclosing the fixtures to ensure privacy. For facilities designed for use by both sexes in the same room, the partitions of the stalls shall extend from the floor to the ceiling.

Exceptions:

1. Water closet compartments shall not be required in a single-occupant toilet room with a lockable door.
2. Toilet rooms located in child day care facilities and containing two or more water closets shall be permitted to have one water closet without an enclosing compartment.
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