

AGENDA

UBC COMMISSION
STRUCTURAL ADVISORY COMMITTEE

April 7, 2022 3:00 pm

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

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1. Roll call
2. Approve the minutes from the February 3, 2022 meeting
3. Review proposed amendment to IBC Section 1905.1.9
4. Review current amendments for Chapter 16

Next Scheduled Meeting: as needed

Please call Sharon at 530-6163 or email ssmalley@utah.gov if you do not plan on attending this meeting.



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 84111, Phone 530-6628 or toll-free in Utah only 866-275-3675

MINUTES

UTAH UNIFORM BUILDING CODE COMMISSION STRUCTURAL ADVISORY COMMITTEE MEETING

March 3, 2022 3:00

CONVENED: 3:19

ADJOURNED 3:53

STAFF:

Steve Duncombe, Bureau Manager
Sharon Smalley, Board Secretary

COMMITTEE MEMBERS:

Jeremy Achter

Oliver Burt (absent)

John Saunders (absent)

Tyler Wright (absent)

Josh Blazzard, Commission Liaison

Patrick Tomasino

Brent Maxfield

VISITORS:

James Williams

Robert Moyle

MINUTES

The minutes for the February 3, 2022 meeting could not be approved as there was not a quorum present.

REVIEW CURRENT AMENDMENT TO IBC SECTION 1905.1.9

Those present discussed the current amendment for this section. James Williams spoke to those present and expressed his concerns. Robert Moyle also spoke and gave the background for this amendment. The committee asked Mr. Williams to draft a proposal for this section for the committee to review at their next meeting.

REVIEW CURRENT AMENDMENTS FOR CHAPTER 16

Since there was not a quorum present, the review of the current amendments for this chapter along with the recommended changes, will be taken up at the next meeting.

The meeting adjourned at 3:53.

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.

UTAH DEPARTMENT OF COMMERCE
DIVISION OF OCCUPATIONAL AND PROFESSIONAL LICENSING
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E-mail: dansjones@utah.gov
Web www.dopl.utah.gov

REQUEST FOR CODE AMENDMENT

Requesting Agency/Person: AE URBIA / James M Williams	Date: 3-3-2022
Street Address: 909 W South Jordan Parkway	
City, State, Zip: South Jordan, Utah, 84095	
Contact Person: James M Williams PE, CE, SE AIA	Phone: 801-830-1979
Code to be Amended: IBC 2021 (Include edition)	
Section: New section 1905.1.9	
Section Title: 15A-30108 amendments to Chapter 17 through 18 of IBC	

AMENDMENT:

Type proposed amendment in rule change form. (Using strikeout on portions being removed and underline on all new wording.)

1. Include the entire section you wish to amend.
2. Attach additional sheets if necessary.

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

Purpose of or Reason for the amendment:

The original intent of this code amendment was to specifically allow footings and similar footing elements which are completely buried in soil to be included in the Freezing and Thawing Class F0. The previous reference to "foundations" was confusing and misleading. The term foundation is typically used to refer to foundation walls. Because foundation walls are not completely buried, they would not be included in the F0 class. Eliminating the term "foundation," eliminates the confusion. Providing a list of footing elements which are typically fully buried provides more clarification. This clarification is helpful to both engineers, building officials and contractors.

The original proponents of this amendment indicated they had researched the number of freeze-thaw cycles that occur in areas of Utah and its effects on fully buried concrete elements. It was their professional opinions that the water / cement ratio and air content were not critical and that a lower concrete compressive strength was acceptable. They felt footings above the frost line, which are fully buried should be allowed to be constructed per Exposure Class F0.

Cost or Savings Impact of Amendment:

There is no additional cost.
 There is some savings for those who are not already using this amended provision, or who have been reluctant to use it, due to its previous confusion.

Compliance Costs for Affected Persons (APerson@ means any individual, partnership, corporation, association, governmental entity, or public or private organization of any character other than an agency.) (You must break out the impact cost to State Budget, Local Government and you must state aggregate cost to other persons {cost per person times number of persons affected}):

Signature:

Date:

For Division Use:

Date Received:	
Committee Action: " Approved " Denied " Approved with revisions " Referred to: " Tabled	UBC Commission Decision for Hearing: " Approved for hearing " Denied " Approved with revisions " Referred to: " Tabled
Date Filed:	Public Hearing Date:
UBC Commission Decision for Adoption: " Approved " Denied " Approved with revisions " Referred to: " Tabled	Effective Date:

**UTAH UNIFORM BUILDING STANDARDS
 Form and Procedures for Code Amendments**

- (1) All requests for amendments:
 - (a) shall be submitted to the Division on the attached form and
 - (b) shall be submitted in correct code editing format and shall contain a cost impact analysis. (Editing format should include ~~strikeout~~ for deletion and underline for additions.)

- (2) The Division will review the proposed amendments for proper form and cost analysis and return them to the proponent if incorrect or incomplete.