

MINUTES

UNIFORM BUILDING CODE COMMISSION
MECHANICAL ADVISORY COMMITTEE

Meeting

May 24, 2022 12:00 pm

Convened 12:37 PM

Adjourned 4:22

STAFF:

Steve Duncombe, Bureau Manager

Sharon Smalley, Board Secretary

MECHANICAL ADVISORY COMMITTEE:

David Halverson

David Wilson

Clay Monroe

Chris Jensen

Terry Palmer

Alyssa Wahlin

Martin Carrillo

Trent Hunt, Commission Liaison (excused)

VISITORS:

Kevin Emerson

Brent Ursenbach

Kalen Jones

Troy Preslar

Eliza Cowie

Thomas Kessinger

Nicholas Schou

Eric Lacey

Ross Ford

Ron McArthur

Don Jarvis

Shawn Teigen

Jay McConagha

MINUTES

A motion was made by Chris Jensen to approve the minutes from the April 12, 2022 meeting as written. The motion was seconded by Dave Wilson and passed unanimously.

CONTINUE WITH REVIEW OF
THE ENERGY PORTION OF
THE 2021 IRC AND CURRENT
AND PROPOSED
AMENDMENTS

Those present reviewed the proposed amendments and the following recommendations were made following the discussion on each proposal for both the IRC and the residential portion of the IECC.

TABLE N1102.1.2 & TABLE
N1102.1.3 (R402.1.2 & R402.1.3)

Following the discussion by all present, a motion was made by Chris Jensen accept the proposed change for the ceiling U-factor and ceiling R-value, deny the proposal for wood frame wall U-factor and basement wall U-factor, deny the proposal for wood frame-wall R value in CZ 3 and 6. The motion was seconded by Dave Wilson and passed unanimously.

The proposal for Table N1102.1.3 (R402.1.3), wood frame wall R value in CZ 5 was discussed. A motion was made by Chris Jensen to modify the proposal for wood frame wall R value in climate 5 by changing it to be 24 or 13 + 7ci, 19 + 5ci, 0 + 20 ci and to deny the proposal for basement wall R value. The motion was second by Dave Wilson passed unanimously.

A motion was made by Martin Carrillo to keep the current state amendment for Table 402.1.2, footnote J. The motion was seconded by Chris Jensen and passed unanimously.

Following the discussion on the proposal for Slab R-value & depth, a motion was made by Terry Palmer to accept the modification for CZ 5 and to modify the proposal for CZ 3 by changing the 0 to 1. The motion was seconded by Martin Carrillo and passed unanimously.

The committee reviewed N1102.1.5 (R402.1.5). Following the discussion, a motion was made by David Wilson to accept the recommendation from Brent Ursenbach to modify the REScheck option to increase the pass rate to 8% on July 1, 2023, by 10% on January 1, 2025 and by 12% on January 1, 2027. The motion was seconded by Terry Palmer and passed unanimously.

N1102.2.1 (R402.2.1) N1102.3.3
(R402.3.3) / N1102.3.4
(R02.3.4)

A motion was made by Chris Jensen to approve the proposed amendments for all three sections. The motion was seconded by Terry Palmer and passed unanimously.

N1102.2.9.1 (R402.2.9.1)

Following the discussion on the proposal for Section N1102.2.9.1 (R402.2.9.1), a motion was made by Terry Palmer to approve the proposal as modified by adding the words “but not limited to felt or asphalt impregnated fiber board” after the word “as”. The motion was seconded by Alyssa Wahlin and passed unanimously.

TABLE N1102.4.1.1 (R402.4.1.1)
N1102.4.6 (R402.4.6)

A motion was made by Chris Jensen to table the decision for the proposal for Section N1102.4.1.1 (R402.4.1.1) until the June meeting. The motion was seconded by Terry Palmer passed and unanimously.

The committee reviewed N1102.4.1.2 (R402.4.1.2). Following the discussion, a motion was made by Terry Palmer to keep the enclosure area method and delete the approved third party testing and the authority of the code official to require third party inspection. The motion was second by Martin Carrillo and passed unanimously.

N1102.4.1.3 (R402.4.1.3)

Following the discussion on this proposal, a motion was made by Martin Carrillo to modify the proposal to keep the air leakage rate at 3.5 and 5.0 for townhomes and to do incremental changes of 3.25 in standard dwelling by 2025 and 3.0 by 2027. The motion was seconded by Terry Palmer and passed unanimous.

Section N1102.4.1.1 (R402.4.1.1) was reviewed and a motion was made by Dave Wilson to modify the section by deleting the last sentence and replacing it with “Where required by the code official, the builder shall certify compliance with criteria indicated in Table 1102.4.1 for items which are not readily visible during regularly scheduled inspections by submitting photographs and/or third party inspection.” The motion was seconded by Terry Palmer and during the discussion on the motion, the wording was modified by deleting the word “and”. The modified motion passed unanimous.

Dave Wilson left the meeting at this point.

N1102.4.6 (R402.4.6)

Following the discussion on the proposal to delete N1102.4.6, those present agreed that instead of deleting the entire section, the first sentence would be deleted, and the words “required by Table N1102.4.1.1” would be changed to “used to limit air leakage between conditioned and unconditioned spaces”. Also, in Table N1102.4.1.1, the last sentence in the second row would be changed to , “Alternatively, closed cell foam, caulking, or gaskets shall be used or air sealed boxes shall be installed.” A motion was made by Chris Jensen to approve the wording. The motion was seconded by Terry Palmer and passed unanimously.

A second motion was made by Terry Palmer to modify Table N1102.4.1.1 (R402.4.11) by striking the word “exterior” in the column for rim joists. The motion was seconded by Martin Carrillo and passed unanimously.

N1103.3.1 (R403.3.1)

Following the review of the proposal for this section, a motion was made by Chris Jensen to approve the recommendation. The motion was seconded by Alyssa Whalin and passed unanimously.

Section N1103.3.5 (R403.3.5) was reviewed along with the current amendment. The section number needs to be changed to N1103.3.5 (R403.3.5). A motion was made by Chris Jensen to keep the current amendment. The motion was seconded by Martin Carrillo and passed unanimously.

N1103.5.1.1 (R403.5.1.1)
N1103.6.3 (R403.6.3)
N1104.2 (R404.2) / N1104.3 (R404.3)
N1105.2(R405.2)
N1106.3 (R406.3) / N1106.3.1
(R406.3.1) / N1106.4 (R406.4

The remaining proposals will be reviewed at the June meeting along with the current amendments.

The committee agreed to start the June meeting at 2:30.

The meeting adjourned a 4:22.

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.

UNIFORM BUILDING CODE COMMISSION
MECHANICAL CODE ADVISORY
COMMITTEE MINUTES


David Wilson (Jun 17, 2022 11:03 MDT)
Dave Wilson, Vice Chairman

06/17/2022
Date

Stephen Duncombe
Steve Duncombe, Bureau Manager

06/17/2022
Date