



Final Draft Minutes

NRMCA 100 Committee Meeting #4

Location: Virtual TEAMS meeting

Time: 3pm, July 30, 2025

1. The chair called the meeting to order at 3:01 pm.

Present: Robert Sculthorpe (chair), Will Gold, Ahmed Abdel-Mohti, Julian Mills-Beale, Pooja Patel, and Kelvin Doerr.

Regrets: Michael Weber

2. The chair read the Anti-trust statement

3. Approval of agenda:

Moved by W Gold, seconded by J Mills-Beale, Carried

4. Approval of July 9, 2025 meeting minutes with correction to include the TOR for the GFRP Sub Group:

Moved by W Gold, seconded A Abdel-Mohti, Carried

5. A. Julian reported that NRMCA RFP has been reviewed by Shamim Rashid Sumar, and will be issued August 1, 2025. Proposals will be accepted from August 1 to September 1, 2025.

B. Julian and Kelvin advised the committee that they had a constructive call with David Schreck and better understand the issue he raised. The outcome is that David is to formally submit this issue as input to the standard as part of the call for public input for this committee to consider.

C: Julian advised that the NRMCA is to develop a dedicated web platform for the committee to share and archive information as we work through this standard review. Julian will keep the committee informed of developments and they become available.

D: Will advised the committee that he has confirmed all the members of this committee are ACI members. As such they have access to ACI reports at no cost. However, they do not have access to ACI building codes. He has requested we be granted access to ACI building codes at no cost, to facilitate our work revising the NRMCA 100 standard. He will advise the committee when ACI makes its decision on the request.

E: The suggestion has been made that the committee consider deleting the portions of the standard related to the construction of waffle and screen-grid ICF walls. There was much discussion on the pros and cons of doing so. The informal consensus was that these portions of the standard remain in the standard, with the current limited applicability limits and current materials, and that NRMCA investigate engaging representation from this sector of the ICF industry.

Arguments to retain waffle and screen-grid ICF wall design:

- i) One of the ICFMA members manufactures a screen grid system.
- ii) Several other waffle and screen grid systems are manufactured and sold regionally in the North America.
- iii) Waffle and screen grid wall systems can be used for small buildings (think small houses and strip malls) and with the reduced volume of concrete when compared to a similar overall wall thickness for flat wall ICF, contain less concrete and therefore have a reduced material cost.
- iv) The prescriptive design provided in NRMCA-100 and the IRC provide readily available structural designs.
- v) HUD and PCA invested in significant testing and research and then developed these prescriptive designs.
- vi) If these prescriptive designs are dropped from the NRMCA-100 it will be very challenging to have them re-incorporated in the future.
- vii) If they are deleted, they will result in being dropped in the IRC, ACI and other building codes where NRMCA 100 is referenced.

Arguments to delete waffle and screen-grid ICF wall design:

- i) Deleting the design of waffle and screen-grid ICF walls would reduce the size of the standard.
- ii) Waffle and screen grid are estimated to make up less than 5% of ICF sales in the USA.
- iii) It is more challenging to place concrete in waffle and screen grid systems. Similarly with consolidation.
- iv) Very challenging to do structural design beyond the prescriptive designs when compared to flat wall ICFs and ACI 318 does not have design equations for these irregularly shaped concrete profiles, compared to what is provided for flat wall profiles with the sides parallel.

E: Julian advised that he will be reaching out to the leaders of each SubGroup over the next week to 10 days to outline the work each SubGroup is to accomplish. This will facilitate the SubGroup leaders to start their Sub-Groups' work. Julian anticipates that the Sub-Groups will have progress to report at the next Committee meeting.

6. Other Business

- i) Next meeting: August 27, 2025 at 3pm ET
- ii) There have been no comments received to date from the call for public input to the review of this standard.

7. The meeting adjourned at 4pm on a motion by K Doerr.