

Agenda: Flood Resistant Design and Construction Technical Advisory Group- Meeting #2

Date: 07/23/2026

Time: 1 to 3 p.m

Location: In person/WebEx/Phone

- In person: **Washington Room**, DLI, 443 Lafayette Road No., St. Paul, MN 55155
- WebEx
 - Attendees: [Click to join from a computing device/WebEx Smartphone app](#).
 - TAG members (panelists/speakers): Contact makenzie.johnson@state.mn.us or join meeting as attendee and send email to host.
 - To participate by telephone, at the date and time listed, call 1-855-282-6330 and enter access code: 2486 213 6361#, webinar password 1234#
- [Visit the department's website for meeting information and materials.](#)

Call to order

1. Announcements/Introduction of existing and new TAG members
2. WebEx Instructions/procedures

Participant functions – Raise your hand before speaking

- Click on “Participants” at the bottom right of your screen. Panels will open on the right side of your screen.
- Click the hand icon next to your name to signal you would like to speak; click it again to turn it off (*3 by phone).

DLI staff members, TAG members and presenters (panelists)

- All are able to mute and unmute their microphones.
- Click the hand icon to indicate you wish to speak. If the host or TAG leaders say your name, unmute yourself and state your name before speaking. Click on the hand icon again to turn it off

Members of the public (attendees)

- Able to hear everything, but can speak **only** if public input is requested, at which time the host will unmute your microphone.
- For technical assistance, send the host an email message: makenzie.johnson@state.mn.us.

Agenda items

- Roll Call of TAG members & declaration of quorum
- Consent Agenda
 - Consideration of Consent Agenda (see next page)
 - Motion to approve Consent Agenda
- Discuss code change proposals assigned from previous meeting.
- Review model code changes between the 2014 and 2024 versions of the ASCE 24 Standard:
 1. Chapter 1 General
 2. Chapter 2 Basic Requirements for Flood Hazard Areas that are not identified as Coastal High Hazard Areas (CHHA) and Coastal A Zones (CAZ).
 3. Chapter 3 High Risk Flood Hazard Areas
 4. Chapter 5 Materials
 5. Chapter 6 Dry Floodproofing and Wet Floodproofing
- Adjourn

Next Meeting: August 5, 2026, 10 to 12 p.m.

Consent Agenda includes the following:

Gen-43: Section 1.2 Definitions. Keep new model code definition of “Wall”

Gen-44: Section 1.2 Definitions. Delete existing definition of “Wave Loads” no longer in model code.

Gen-45: Section 1.2.1 Acronyms, Symbols and Notation. Keep model code definitions

Gen-46: Section 1.2.2 Keep MN 2021 TAG language coordinating definitions in MR 1335 and MR 6120.5000 to require most restrictive.

Gen-47: Section 1.2.3 Terms not defined. Keep 2021 TAG language for Terms Not Defined.

Gen-48: Section 1.3 Identification of Flood Hazard Areas: Discard 2021 TAG language identifying “Flood Hazard Area” because it will be addressed in New Section 1.3,

Gen-50: Section 1.4.2 Consideration for Flood Protective Works. Accept model code changes to Section 1.4.2 “Consideration for Flood Protective Works” without amendment.

Gen-51: Section 1.5.1 General Construction Requirements: Accept model code language for Section 1.5.1 General Construction Requirements in lieu of the 2021 TAG recommendations. The Minnesota State Building Code reference is covered by the definition of “Standard.”

Gen-52: Section 1.5.2 Elevation Requirements: Accept model code language for Section 1.5.2 which refers back to Table 1-2 for elevations of lowest floors in new and substantial improvement construction. The actual elevation requirements are in Table 1-2 which will be discussed in association with Section 1.2 and NOT here. This section 1.5.2 is merely a pointer to the elevation requirements and scopes the new construction and substantial improvements to comply.

Gen-53: 1.5.2 Elevation Requirements: Keep 2021 TAG language allowing FEMA Technical Bulletin 10-1 and FEMA basement exception for habitable space below the flood design elevation.

Gen-58: Section 1.5.3.3.3 Foundation Walls and Wall Footings. Accept model code revisions.

Gen-59: Section 1.5.3.4 Columns or Piles: Accept model code revisions.

Bas-01: Section 2.2 Development in Floodways. Accept the 2021 TAG amendment to coordinate the 6” rise with MR 6120 in lieu of the 12” rise allowed in model standard.

Bas-02: Section 2.3 Elevation Requirements. Accept the 2021 TAG amendment adding allowance for the FEMA Technical Bulletin 10-01 dry floodproofing option for habitable space below the design flood elevation and Accept model standard changes to the language.

Bas-03: Section 2.4.1 Structural Fill. Accept the TAG 21 amendment to require a structural engineer or geotechnical engineer to design the structural fill when used in the floodplain.

Bas-04: Section 2.5 Slabs-on-grade footings. Accept the TAG 21 amendment to adopt model code language except for Wilkin, Traverse, or Big Stone counties which have a majority of their soils as significantly expansive to the point of requiring engineered design to accommodate the additional loads upon saturation.

Bas-05: Section 2.5.2 Elevating Slabs on Ground. Accept model code change.

Bas-06: Section 2.6 Foundation Design. Accept new model code inserted section.

Bas-07: Section 2.7 Foundation Walls. Accept model code language with the exception of accepting the 2021 TAG recommendation to require engineering in Wilkin, Traverse, and Big Stone counties because of the widespread prevalence of expansive soils.

Bas-08: Section 2.8 Enclosures below the Required Elevation. Accept the model code changes and the 2021 TAG recommendation to amend regarding impact loads on the walls during flood conditions. This discussion was fully vetted in 2021 and the model code language has not materially changed.

Bas-09: Section 2.8.2.1 Non-engineered Flood Openings. Accept the added model code language in Item 4.

Bas-11: Section 2.8.3 Installation of Flood Openings. Accept model code changes requiring engineered flood openings to be installed in accordance with manufacturer's instructions.

Bas-12: Section 2.8.3.1 Exceptions to Installation of Flood Openings. Accept additions to the model code for exceptions to requiring the installation of flood openings.

Bas-13: Section 2.8.4 Building/Access Door. Accept new section requiring a means of egress above the design flood elevation when the normal means of egress is through a wet floodproofed area below the design flood elevation.

HFRH-01: Section 3.2 Alluvial Fan areas. Accept the model code change for actual flow velocity threshold from 5 feet per second to 10 feet per second.

HFRH-02: Section 3.7.2 Other High Velocity and Moderate Wave Action Areas. Accept the additional model code language which will now include areas indicated on a FIRM, moderate wave action areas including shorelines of lakes and riverine areas with sufficient open water to propagate wave heights under base flood conditions ranging between 1.5 and 3 feet in height over the land.