

To Be Completed by TAG Leads											TAG Meeting Results					
1309/IRC Structural Review											Recommendations A - Accept Model Code AM - Amend Model Code F-Staff Follow Up					
Item No.	2024 Code and Chapter		2024 Section	2021 Code Section	2020 MN Code / MR Code Section	Code Section Heading/Topic	MN Amendment?	Description of change(s) to code language	Safety/Health Value	Cost Impact	Staff Comment	Staff Recommendation	TAG Recommendation	TAG Group Consensus	Stakeholder Consensus	Comments
	Code	Chapter												Y or N	Y or N	
31R	IRC	4	Table R402.2	Table R402.2	Table 1309.0402	402 Materials; Minimum Specified Compressive Strength of Concrete	Y	<p>Current MR. From the Statement of Need and Reasonableness 8/22/19 for the amendment: <i>The column heading (Minimum Specified Compressive Strength) and footnote "g" are modified to correct an error in the symbol for compressive strength.</i></p> <p>Footnote "h" is added to Table R402.2 of the IRC to specify that concrete able to withstand 5,000 pounds of force per square inch ("5000 psi") is not required for post footings of decks and porches, wood foundations, slab-on-grade foundation walls, and footings for floating slabs. During the adoption of the 2012 IRC, Table 402.2 was modified to require that footings for dwellings be constructed with 5000 psi concrete. The purpose of this requirement was to prevent moisture from passing through the porous concrete material of the footing and then into the concrete or masonry foundation walls that enclose the basement or the crawl space.</p> <p>The moisture protection provided by 5000 psi concrete is unnecessary for post footings of decks and porches, wood foundations, slab-on-grade foundation walls, and footings for floating slabs. The footings for decks and porches are not a part of the foundation of the dwelling and therefore 5000 psi concrete is unnecessary. Slab-on-grade and floating slab foundations are at the level of the soil and do not require footings. Moisture protection is necessary for foundations that are deeper in the ground to accommodate a basement or crawlspace. Wood foundations do not have concrete components and therefore do not require concrete footings. This change is reasonable to clarify the types of footings where 5000 psi concrete is not required, which will ensure uniform application and enforcement of the</p>	N	N			Tabled		Tabled 1/16. Members to review research.	
38R	IRC	4	403.1.4.1	403.1.4.1	1309.0403.1.4.1	403 Footings; Frost Protection	Y	<p>Current MR: Adds reference to MR 1303 for frost protection. Disallows footings on frozen soil. See UA for details.</p>					Tabled			Tabled 1/16.
38.1R	IRC	4	~	~	CCP-STR-6-Res	Footing Frost Protection		See Code Change Proposal.			Scott Anderson, proponent					
41R	IRC	4	403.5	~	~	403 Footings; Crushed Stone Footings for Cast-in-Place Concrete Foundations	N	IRC 2024 new section.					Tabled			Tabled 1/16/25. Related CCP to be reviewed at a future TAG.

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45R	IRC	4	Table R403.5	~	~	Minimum Cast-In-Place Concrete Foundation Wall	N	IRC 2024 new table.					Tabled			Tabled 1/16/25. Related CCP to be reviewed at a future TAG.
48R	IRC	4	R404.1.1	R404.1.1	1309.0404.1.1	Foundations, Foundations and Retaining Walls, Concrete and Masonry Foundation Walls, Design Required	Y	Current MR: Adds exception to design required: "Cantilevered concrete and masonry foundation walls supporting unbalanced backfill that do not have permanent lateral support at the top of the foundation shall be constructed according to Table R404.1.1(5), Table R404.1.1(6), or Table R404.1.1(7)."					Tabled			Tabled 2/6/25. Related CCP (50R) to be reviewed at a future TAG. Bring in line with accepted engineering practices and eliminate inconsistencies where possible.
50R	IRC	4	~	~	Tables 1309.0404.1.1(5); 1309.0404.1.1(6); 1309.0404.1.1(7)	Cantilevered Concrete and Masonry Foundation Walls	Y	Current MR: Tables added					Tabled			Tabled 2/6/25. CCP to be reviewed at a future TAG. Bring in line with accepted engineering practices and eliminate inconsistencies where possible.