

To Be Completed by TAG Leads													TAG Meeting Results			
Structural TAG Review Worksheet 1303, 1305 IBC, 1311 IEBC													Recommendations A - Accept Model Code AM - Amend Model Code			
Item Number	2024 Code and Chapter		2024 Code & Section	2021 Code & Section	2020 MN 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 Y or N	Stakeholder Consensus Y or N	Comments
	Code	Chapter							N - None, L - Low, M - Med, H - High							
13-B16	IBC	16	1602.1	1602.1	1602.1	Notations	N	Changes in 2021 and 2024 E, L, Pg(asd), Pg, V, V _T .	L	L					Table 5/2. Discussed 5/16-Tabled.	
16-B16	IBC	16	Table 1604.3	Table 1604.3		Deflection Limits	N	2024, added footnote j, snow load can be taken at .7 design snow for deflection limits.	M	L					Table 5/2. Discussed 5/16-Tabled.	
72-B16	IBC	16	1608.2; Figures 1608.2(1) - 1608.2(4)		1608.2; MR 1305.1608.2	Ground Snow Loads	Y	Subsection revised 2024. Figures revised. MN amendment does not reference Figures. Changing reference for loading to ASCE 7 Hazard Tool https://asce7hazardtool.online/ .	H		Coordinate with 1303 and 1309.				Table 5/2. Discussed 5/16-Tabled. 9/19/24 - Tabled until review of IRC/1309.	
177-B19	IBC	19			1305.1904.3	Corrosion Protection	Y	Amendment adds subsection. 1904.3 Corrosion protection. Where bonded reinforcing and prestressing steel is located in concrete assigned to Exposure Class F3 or Exposure Class C2, the steel shall be protected from corrosion by one of the following methods: 1. Impermeable barrier. 2. Epoxy coating in accordance with ACI 318. 3. Hot dipped galvanizing in accordance with ACI 318.							Tabled 6/6/24 MO to research ACI 318-19.	
					MR 1303.1700	Ground Snow Load	Y	Current MR language: The ground snow load, Pg, to be used in determining the design snow loads for buildings and other structures shall be 60 pounds per square foot in the following counties: Aitkin, Becker, Beltrami, Carlton, Cass, Clearwater, Cook, Crow Wing, Hubbard, Itasca, Kanabec, Kittson, Koochiching, Lake, Lake of the Woods, Mahnomen, Marshall, Mille Lacs, Morrison, Norman, Otter Tail, Pennington, Pine, Polk, Red Lake, Roseau, St. Louis, Todd, and Wadena. The ground snow load, Pg, to be used in determining the design snow loads for buildings and other structures shall be 50 pounds per square foot in all other counties.								
247a-B10	IBC	10	1010.1.5.1		CCP-STR-3-CCP-STR-3a.2	Landings at Exterior Exit Doors		Scott Anderson proposal	H			Tabled			To be modified. Revision received 9/19.	
247b-B18	IBC	18	1809.5.1		MR 1305.1809 / CCP-STR-3-CCP-STR-3a.2	Frost Protection (general) and Frost Protection at Required Exits		Scott Anderson proposal	L			Tabled			To be modified. Revision received 9/19.	
248-B18	IBC	18	1809.5		MR 1305.1809 / CCP-STR-4	Shallow Foundation Frost Protection		Scott Anderson proposal								

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	Code	Chapter												Y or N	Y or N	
Chapter 3 Building Planning																
1R	IRC	3	R301.1.4			Design Criteria; Intermodal Shipping Containers	N	Intermodal shipping containers that are repurposed for use as buildings or structures shall be designed in accordance with the structural provisions in Section 3114 of the International Building Code.								
2R	IRC	3	Table R301.2		1309.0301/Table R301.2(1)	Climatic and Geographic Design Criteria	Y			Renumber amendment (drop parentheses)						
3R	IRC	3			1309.0301/Table R301.2(1)	Roof Snow Load ^f	Y	$p_f = 0.7 * p_g$								
4R	IRC	3			1309.0301/Table R301.2(1)	Footnote "f"	Y	Current MR Footnote "f": f The ground snow loads to be used in determining the design snow loads for buildings and other structures are given in Minnesota Rules, part 1303.1700 - Ground Snow Load to verify by county. The roof snow load is a uniform load on the horizontal projection of the roof.								
5R	IRC	3			1309.0301/Table R301.2(1)	Wind Design Speed ^d	Y	Current MR: 115 mph derived from 2015 IRC Figure R301.2.5(A)								
6R	IRC	3	Table R301.2	Table R301.2		Wind Design Speed ^d	N	Map values changed (ranges 103-114 mph) 2024. Allows use of ASCE 7 Hazard Tool.								
7R	IRC	3	Table R301.2	Table R301.2		Footnote "d"	N	2024 IRC adds: "the ultimate design wind speeds" before "map".								
8R	IRC	3			1309.0301/Table R301.2(1)	Wind Design Topographic Effects	Y	Current MR: YES per footnote "k" and R301.2.1.5 where local historical data documents damage due to wind speed-up.								
9R	IRC	3			1309.0301/Table R301.2(1)	Wind Design Special Wind Region	Y	Current MR: Does not include data for Special Wind Region status. (2018 IRC model code requires "yes" or "no" based on Figure R301.2(5) where there is local historical data documenting unusual wind conditions.)								
10R	IRC	3	Table R301.2	Table R301.2		Wind Design Special Wind Region	N	Determine whether "yes" or "no" based on Figure R301.2(5) where/if there is local historical data documenting unusual wind conditions.								
11R	IRC	3			1309.0301/Table R301.2(1)	Wind Design Windborne Debris Zone	Y	Current MR: Windborne Debris Zone is defined term, only Atlantic and Gulf coastal areas. Amendment deletes this item from the table.								
12R	IRC	3			1309.0301/Table R301.2(1)	Seismic Design Category	Y	Current MR: Based on Figure R301.2.2.1(2) map, MN is in Category A. Same for IRC 2024 map.								

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13R	IRC	3			1309.0301/Table R301.2(1)	Subject to Damage from Weathering ^a	Y	Current MR: Based on Figure R301.2.(1) map, "Severe". Same for IRC 2024 map.								
14R	IRC	3	Table R301.2			Footnote "a"	N	IRC 2024 adds: The grade of masonry units shall be determined from ASTM C34, ASTM C55, ASTM C62, ASTM C73, ASTM C90, ASTM C129, ASTM C145, ASTM C216 or ASTM C652.								
15R	IRC	3			1309.0301/Table R301.2(1)	Subject to Damage from Frost Line Depth ^b	Y	Current MR: See MR part 1303.1600								
16R	IRC	3			1309.0301/Table R301.2(1)	Footnote "b"	Y	Current MR: References two zones. Need to amend to reference Zone I, Zone II, or Zone III.								
17R	IRC	3	Figure R301.2(2)	Figure R301.2(2)		Ultimate Design Wind Speeds Map	N	IRC 2024 all notes revised. References the ASCE 7 Hazard Tool.								
18R	IRC	3	Figure 301.2(3)	Figure 301.2(3)		Allowable Stress Design Loads for the United States	N	IRC 2024 map and all notes revised. References the ASCE 7 Hazard Tool.								
24R	IRC	3	R301.2.3	R301.2.3		Snow Loads	N	IRC 2024 adds: Ground snow loads shall be determined in accordance with Figure R301.2(3) or shall be determined in accordance in with Section 1608 of the International Building Code.								