

2024 IRC - 1309 TAG REVIEW WORKSHEET

To be completed by Chair

To be completed by TAG members

Item No.	2020 Minnesota Code Section	2021 IRC Code Section	2024 IRC Code Section	Subject	Current MN Amend Y or N	Description of Change	Safety & Health Value	Cost Impact	Recommendation A - Accept R - Reject AM - Amend or Comments	Recommendation A - Accept R - Reject AM - Amend	TAG Group Consensus Y or N	Comments
							N=None, L=Low M=Med, H=High					
							1309 Administrative Provisions (Ch. 1)					
1	1309.0010 subp. 1	NA	NA	adoption of the 2024 IRC	Y	text changes: change references to the 2018 IRC to 2024 IRC. Change copyright 2017 to 2024.	N	N	Accept update to references	A	Y	
2	1309.0010 subp. 1a	NA	NA	deleted appendices	Y	this rule deletes all IRC appendices except Sound Transmission and Tiny Houses. The 2024 IRC makes the following changes to Appendix designations: the 2020 MRC Appendix K is changed in the 2024 IRC to Appendix BG; 2020 MRC Appendix Q is changed in the 2024 IRC to Appendix BB.	N	N	Accept -keep the existing MN. rule text and amend text to update 2020 MRC appendices designations to new 2024 appendices designations	A	Y	Will have opportunity to review appendices at later time.
3	1309.0010 subp. 2	NA	NA	mandatory chapters	Y	text changes: 2018 IRC is changed to 2024 IRC. Chapters 12 thru 24 are added to the Mandatory Chapters. Appendix K is changed to Appendix BG, Appendix Q is changed to Appendix BB.	N	N	Accept - keep existing text making changes to update references	A	Y	
4	1309.0010 subp. 3	NA	NA	replacement chapters	Y	text changes: all references to 2018 IRC are changed to 2024 IRC. Item C is deleted as the mentioned chapter is now a mandatory chapter. Items D and E are renumber to C and D respectively. Item E reference to R314 is changed to R310 and R315 is changed to R311 as those sections have been renumbered in the 2024 IRC.	N	N	Accept - keep existing text making changes to update references	A	Y	
5	1309.0020 subp. 1	NA	NA	references to other codes	Y	text change: reference to the 2018 IRC is changed to 2024 IRC.	N	N	Accept - keep existing text making changes to update references	A	Y	
6	1309.0100 subp. 2 exception	NA	NA	existing buildings exception	Y	reference to section R308 is changed to R324 as the Glazing section has been renumbered in the 2024 IRC.	N	N	Accept - keep existing text making changes to update references	A	Y	
7	1309.0100 subp. 3 Transient use	NA	NA	transient use buildings	Y	Buildings constructed for transient use and required to be licensed by any Minnesota statute 326B state-agency shall be constructed in accordance with the requirements for Group R occupancies located in Minnesota Rules, chapter 1305.	N	N	Accept - make text changes to specifically reference 326B statutes rather than any agency's requirements.	A	Y	Keeps licensing with DLI & 326B
1309 Ch. 2 - Definitions												
1	Chapter 2 - User Notes	Chapter 2 - User Notes	Chapter 2 - User Notes	Code Development Reminder	N	2020: See page iv for explanation. Actual information shown on page vi. 2021/2024: Code development committees listed in User Notes	N	N	A	A	Y	
2	R201.4	R201.4	R201.4	Terms not defined	Y	2020: Where terms are not defined through the methods authorized by this chapter, the MerriamWebster Collegiate Dictionary, available at www.m-w.com, shall be considered as providing ordinarily accepted meanings. The dictionary is incorporated by reference, is subject to frequent change, and is available through the Minitex interlibrary loan system. 2021/2024: Where terms are not defined through the methods authorized by this section, such terms shall have ordinarily accepted meanings such as the context implies.	H	H	AM - Keep 2020	A	Y	follow Ch. 1300 and other code chapters context that pertains
3	N/A	Section R202	Section R202	Definitions	N	2021/2024: [RE] Above-Grade Wall.	N/A	N/A	Energy	A	Y	keep as written allow 1322 to address
4	Section R202	Section R202	Section R202	Definitions	N	2020/2021: [RB] Access (To). That which enables a device, an appliance or equipment to be reached by ready access or by a means that first requires the removal or movement of a panel, door or similar obstruction. 2024: [RB] Access (To). That which enables a device, an appliance or equipment to be reached by ready access or by a means that first requires the removal or movement of a panel, door or similar obstruction. For the definition applicable in Chapter 11, see Section N1101.6. For the definition applicable in Chapter 24, see Section G2403.	L	L	Referenced sections to track. For remainder of worksheet - 2024 listed if only change is reference to other sections.	A	Y	keep as written allow other TAGs to address
5	Section R202	Section R202	Section R202	Definitions	N	2020/2021: [RB] Accessory Structure. A structure that is accessory to and incidental to that of the dwelling(s) and that is located on the same lot. 2024: [RB] Accessory Structure. A structure that is accessory to and incidental to that of the dwelling(s) or townhouse(s) and that is located on the same lot.	L	L	A	A	Y	

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											Y or N	
6	Section R202	Section R202	Section R202	Definitions	N	2024: [RB] Addition. An extension or increase in floor area, number of stories or height of a building or structure. For the definition applicable in Chapter 11, see Section N1101.6.	L	L	Referenced sections to track.	A	Y	
7	N/A	N/A	Section R202	Definitions	N	2024: [MP] Air, Exhaust. Air, Makeup. Air, Outdoor. Air, Transfer.	N/A	N/A	Plbg/Mech	A	Y	Keep as written; ALIGN with energy TAG for openings created by Mechanical
8	N/A	Section R202	Section R202	Definitions	N	2021/2024: [MP] Air Admittance Valve.	N/A	N/A	Plbg/Mech	AM to DELET	Y	Let 4714 define
9	N/A	Section R202	Section R202	Definitions	N	2021/2024: [RE] Air Barrier.	N/A	N/A	Energy	A	Y	accept as written and let Energy TAG take over
10	N/A	Section R202	Section R202	Definitions	N	2021/2024: [MP] Air Break (Drainage System). Air Circulation, Forced.	N/A	N/A	Plbg/Mech	AM TABLE	y	DELETE: Air Break TABLE: Pending MECH TAG to define Air Circulation
11	N/A	N/A	Section R202	Definitions	N	2024: [MP] Air Conditioner, Gas-Fired. Air Conditioning.	N/A	N/A	Plbg/Mech	A	Y	Chris: no conflict with 1346 definition
12	N/A	Section R202	Section R202	Definitions	N	2021/2024: [MP] Air Gap, Drainage System. Air Gap, Water-Distribution System. Air-Conditioning System.	N/A	N/A	Plbg/Mech	AM to DELET Accept 2nd 1/2	Y	DELETE all except Air Conditioning System definition which is Accepted as written
13	N/A	N/A	Section R202	Definitions	N	2024: [MP] Air-Handling Unit.	N/A	N/A	Plbg/Mech	A	Y	accept as written and let Energy TAG take over
14	Section R202	Section R202	Section R202	Definitions	N	2024: [RB] Air-Impermeable Insulation. An insulation having an air permeance equal to or less than 0.02 L/s-m2 at 75 Pa pressure differential as tested in accordance with ASTM E283 or E2178. For the definition applicable in Chapter 11, see Section N1101.6.	L	L	Referenced sections to track.	A	Y	Accept as written Steve Shold: 1322 and other TAGs will review
15	Section R202	Section R202	Section R202	Definitions	N	2024: [RB] Alteration. Any construction, retrofit or renovation to an existing structure other than repair or addition that requires a permit. Also, a change in a building, electrical, gas, mechanical or plumbing system that involves an extension, addition or change to the arrangement, type or purpose of the original installation that requires a permit. For the definition applicable in Chapter 11, see Section N1101.6. For the definition applicable in Chapter 24, see Section G2403.	L	L	Referenced sections to track.	A	Y	Accept as written
16	N/A	N/A	Section R202	Definitions	N	2024: [MP] Anodeless Riser.	N/A	N/A	Plbg/Mech	A	Y	Accept as written
17	N/A	Section R202	Section R202	Definitions	N	2021/2024: [MP] Antisiphon.	N/A	N/A	Plbg/Mech	AM to Delete	Y	4714 will define and provide code
18	Section R202	Section R202	Section R202	Definitions	N	2020: [MP] Appliance. A device or apparatus that is manufactured and designed to utilize energy. 2024: [MP] Appliance. A device or apparatus that is manufactured and designed to utilize energy and for which this code provides specific requirements. For the definition applicable in Chapter 24, see Section G2403.	L	L	A Referenced sections to track.	A	Y	accept as written
19	N/A	N/A	Section R202	Definitions	N	2024: [MP] Appliance, Automatically Controlled. Appliance, Fan-Assisted Combustion. Appliance, Unvented. Appliance, Vented.	N/A	N/A	Plbg/Mech	A	Y	Accept as written
20	Section R202	Section R202	Section R202	Definitions	Y	2020: [RB] Approved. "Approved" means approval by the building official, pursuant to the Minnesota State Building Code, by reason of: a. inspection, investigation, or testing; b. accepted principles; c. computer simulations; d. research reports; or e. testing performed by either a licensed engineer or by a locally or nationally recognized testing laboratory. 2021: [RB] Approved. Acceptable to the building official. 2024: [RB] Approved. Acceptable to the building official. For the definition applicable in Chapter 24, see Section G2403.	H	H	AM - Keep 2020	AM	Y	Keep Minnesota Amendment keeps Mn. Clarity as in other chapters
21	Section R202	Section R202	Section R202	Definitions	N	2020/2021: [RB] Approved Agency. An established and recognized agency that is regularly engaged in conducting tests, furnishing inspection services or furnishing product certification, and has been approved by the building official. 2024: [RB] Approved Agency. An established and recognized organization that is regularly engaged in conducting tests, furnishing inspection services or furnishing product evaluation or certification where such organization has been approved. For the definition applicable in Chapter 24, see Section G2403.	H	H	A Referenced sections to track.	A	Y	Accept as written

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22	N/A	Section R202	Section R202	Definitions	N	2021/2024: [RB] Approved Source. An independent person, firm or corporation, approved by the building official, who is competent and experienced in the application of engineering principles to materials, methods or systems analyses. For the definition applicable in Chapter 11, see Section N1101.6.	H	H	A Referenced sections to track.	A	Y	TABLE: 1305 may change and will let us know
23	N/A	N/A	Section R202	Definitions	N	2024: [MP] Atmospheric Pressure.	N/A	N/A	Plbg/Mech	A	Y	Accept as written, Refers to Ch. 24 which is now an Adopted Chapter
24	N/A	Section R202	Section R202	Definitions	N	2021/2024: [RE] Automatic.	N/A	N/A	Energy	A	Y	Accept as written, Refers to Ch. 24 which is now an Adopted Chapter
25	N/A	N/A	Section R202	Definitions	N	2024: [MP] Automatic Ignition. Automatic Shutoff Control.	N/A	N/A	Plbg/Mech	A	Y	Accept as written, Refers to Ch. 24 which is now an Adopted Chapter
26	N/A	Section R202	Section R202	Definitions	N	2021/2024: [MP] Backflow, Drainage. Backflow, Water Distribution. Backflow Preventer. Backflow Preventer, Reduced-Pressure-Zone Type. Backpressure, Low Head. Backsiphonage. Backwater Valve.	N/A	N/A	Plbg/Mech	AM to delete	Y	Delete and defer to 4714 Plbg. Code
27	N/A	Section R202	N/A	Definitions	N	2021: [MP] Balanced Ventilation	N/A	N/A	Plbg/Mech	N/A	Y	appeared in 21 IRC and disappeared in 24
28	N/A	Section R202	Section R202	Definitions	N	2021/2024: [MP] Balanced Ventilation System.	N/A	N/A	Plbg/Mech	A	Y	accept as written but verify if 1322 TAG concurs
29	N/A	N/A	Section R202	Definitions	N	2024: [MP] Barometric Draft Regulator.	N/A	N/A	Plbg/Mech	A	Y	references to new adopted Chapters
30	Section R202	Section R202	Section R202	Definitions	N	2020/2021: [RB] Basic Wind Speed. Three-second gust speed at 33 feet (10 058 mm) above the ground in Exposure C (see Section R301.2.1) as given in Figure R301.2(5)A. 2024: [RB] Basic Wind Speed. Three-second gust speed at 33 feet (10 058 mm) above the ground in Exposure C (see Section R301.2.1) as given in Figure R301.2(2)	H	H	A	A	Y	RENUMBERED ONLY
31	N/A	Section R202	Section R202	Definitions	N	2021/2024: [MP] Bathroom Group. Bend.	N/A	N/A	Plbg/Mech	AM to delete	Y	defer to 4714
32	N/A	N/A	Section R202	Definitions	N	2024: [RE] Biodiesel Blend.	N/A	N/A	Energy	A	Y	references new adopted chapters
33	N/A	Section R202	Section R202	Definitions	N	2021/2024: [MP] Boiler.	N/A	N/A	Plbg/Mech	TABLE	Y	Pending consideration with Mech. TAG
34	N/A	N/A	Section R202	Definitions	N	2024: [MP] Boiler, Low-Pressure.	N/A	N/A	Plbg/Mech	A	Y	references new adopted chapters
35	Section R202	N/A	N/A	Definitions	N	2020: [RB] Battery System, Stationary Storage. A rechargeable energy storage system consisting of electrochemical storage batteries, battery chargers, controls and associated electrical equipment designed to provide electrical power to a building. The system is typically used to provide standby or emergency power, an uninterruptible power supply, load shedding, load sharing or similar capabilities.	M	M	A	N/A	Y	Not in 24 IRC Electrical Code will address
36	N/A	N/A	Section R202	Definitions	N	2024: [MP] Bonding Jumper. Brazing.	N/A	N/A	Plbg/Mech	A	Y	references new adopted chapters
37	N/A	Section R202	Section R202	Definitions	N	2021/2024: [MP] Branch. Branch, Fixture. Branch, Horizontal. Branch, Main. Branch, Vent. Branch Interval. BTU. BTU/H.	N/A	N/A	Plbg/Mech	AM to delete A TABLE	Y	Delete all except: 'BTU' TABLE 'BTU/H pending MECH TAG review
38	Section R202	Section R202	Section R202	Definitions	N	2020: [RB] Building. Any one- or two-family dwelling or portion thereof, including townhouses, used or intended to be used for human habitation, for living, sleeping, cooking or eating purposes, or any combination thereof, or any accessory structure. 2021/2024: [RB] Building. Any one- or two-family dwelling or townhouse, or portion thereof, used or intended to be used for human habitation, for living, sleeping, cooking or eating purposes, or any combination thereof, or any accessory structure. For the definition applicable in Chapter 11, see Section N1101.6.	L	L	A Referenced sections to track.	A	Y	Accept as written
39	Section R202	Section R202	Section R202	Definitions	N	2020/2021: [RB] Building, Existing. Existing building is a building erected prior to the adoption of this code, or one for which a legal building permit has been issued. 2024: [RB] Existing Building. Existing building is a ...	M	M	A	A	Y	Accept as written
40	N/A	Section R202	Section R202	Definitions	N	2021/2024: [MP] Building Drain.	N/A	N/A	Plbg/Mech	AM to delete	Y	defer to 4714
41	Section R202	Section R202	Section R202	Definitions	N	2020/2021/2024: [RB] Building Official. The officer or other designated authority charged with the administration and enforcement of this code, or a duly authorized representative. For the definition applicable in Chapter 11, see Section N1101.6.	L	L	A Referenced sections to track.	A	Y	accept as written

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													42
43	N/A	Section R202	Section R202	Definitions	N	2021/2024: [RE] Building Site. Building Thermal Envelope.	N/A	N/A	Energy		A	Y	references Ch. 11
44	Section R202	Section R202	N/A	Definitions	N	2020/2021: [RB] Building-Integrated Photovoltaic Product. A building product that incorporates photovoltaic modules and functions as a component of the building envelope.	L	L	Replaced by item #69 48		N/A	Y	See line item #48
45	N/A	N/A	Section R202	Definitions	N	2024: [RB] Building-Integrated Photovoltaic (BIPV) Roof Covering. A BIPV system that also functions as a roof covering. Coverings include, but are not limited to, shingles, tiles and roof panels.	L	L	A		A	Y	
46	Section R202	Section R202	N/A	Definitions	N	2020/2021: [RB] Building-Integrated Photovoltaic Roof Panel (BIPV Roof Panel). A photovoltaic panel that functions as a component of the building envelope.	L	L	Replaced by item #68 47		N/A	Y	
47	Section R202	Section R202	Section R202	Definitions	N	2024: [RB] Building-Integrated Photovoltaic (BIPV) Roof Panel. A photovoltaic panel that functions as a component of the building envelope.	L	L	A		A	Y	Accept as written
48	N/A	N/A	Section R202	Definitions	N	2024: [RB] Building-Integrated Photovoltaic (BIPV) System. A building system that incorporates photovoltaic modules and functions as an integral part of the building envelope, such as roof assemblies and roof coverings, exterior wall envelopes and exterior wall coverings, and fenestration.	L	L	A		A	Y	this item replaced line item #48
49	N/A	N/A	Section R202	Definitions	N	2024: [MP] Burner.	N/A	N/A	Plbg/Mech		A	Y	references Ch. 24
50	N/A	N/A	Section R202	Definitions	N	2024: [RE] Cavity Insulation.	N/A	N/A	Energy		A	Y	references Ch. 11
51	Section R202	Section R202	Section R202	Definitions	N	2020/2021/2024: [RB] Cement Plaster. A mixture of Portland or blended cement, Portland cement or blended cement and hydrated lime, masonry cement or plastic cement and aggregate and other approved materials as specified in this code.	L	L	A		N/A	y	
52	Section R202	Section R202	Section R202	Definitions	N	2020/2021/2024: [MP] Chimney. A primary vertical structure containing one or more flues, for the purpose of carrying gaseous products of combustion and air from a fuel-burning appliance to the outside atmosphere. For the definition applicable in Chapter 24, see Section G2403. Factory-built chimney. For the definition applicable in Chapter 24, see Section G2403. Masonry chimney. For the definition applicable in Chapter 24, see Section G2403.	N/A	N/A	Plbg/Mech		A	Y	references Ch. 24
53	N/A	Section R202	Section R202	Definitions	N	2021/2024: [MP] Chimney Connector. Chimney Types. Circuit Vent. Circulating Hot Water System. Cleanout.	N/A	N/A	Plbg/Mech		A Delete TABLE	Y	Accept: Chimney connector, circulating Hot Water system. Delete: Circuit Vent., Cleanout. TABLE: Chimney types, pending MECH TAG review
54	N/A	N/A	Section R202	Definitions	N	2024: [MP] Clearance. Clothes Dryer.	N/A	N/A	Plbg/Mech		A	Y	
55	N/A	Section R202	Section R202	Definitions	N	2021/2024: [RE] Climate Zone.	N/A	N/A	Energy		A	Y	references Ch. 11
56	Section R202	N/A	Section R202	Definitions	Y	2020: Code. For purposes of this chapter, "the code" or "this code" means the Minnesota Residential Code, Minnesota Rules, Chapter 1309. 2024: [MP] Code. For the definition applicable in Chapter 24, see Section G2403.	H	H	AM - Keep 2020		AM	Y	amend to keep 2020 definition may need CCP?
57	N/A	N/A	Section R202	Definitions	N	2024: [MP] Code Official.	N/A	N/A	Plbg/Mech		A	Y	does not conflict with MN B.O. definition
58	N/A	Section R202	Section R202	Definitions	N	2021/2024: [MP] Collection Pipe. Combination Waste and Vent System.	N/A	N/A	Plbg/Mech		AM to delete	Y	defer to 4714
59	N/A	N/A	Section R202	Definitions	N	2024: [MP] Combustible Assembly.	N/A	N/A	Plbg/Mech		A	Y	
60	Section R202	Section R202	Section R202	Definitions	N	2020/2021/2024: [RB] Combustible Material. Any material not defined as noncombustible. For the definition applicable in Chapter 24, see Section G2403.	M	M	A Referenced sections to track.		A	Y	
61	N/A	N/A	Section R202	Definitions	N	2024: [MP] Combustion. Combustion Chamber. Combustion Products. Concealed Location. Concealed Piping. Connector, Appliance (Fuel). Connector, Chimney or Vent.	N/A	N/A	Plbg/Mech		A	Y	references Ch. 24
62	N/A	Section R202	Section R202	Definitions	N	2021/2024: [MP] Combustion Air. Common Vent. Condensate. Condensing Appliance.	N/A	N/A	Plbg/Mech		Delete TABLE	Y	Delete: Common vent TABLE: the rest pending MECH TAG

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													63
64	Section R202	Section R202	Section R202	Definitions	N	2020/2021/2024: [RB] Construction Documents. Written, graphic and pictorial documents prepared or assembled for describing the design, location and physical characteristics of the elements of a project necessary for obtaining a building permit. Construction drawings shall be drawn to an appropriate scale. For the definition applicable in Chapter 11, see Section N1101.6.	H	H	A Referenced sections to track.	A	Y		
65	N/A	Section R202	Section R202	Definitions	N	2021/2024: [MP] Contamination. Continuous Waste. Control, Limit. Control, Primary Safety. Convectur.	N/A	N/A	Plbg/Mech	Delete TABLE	Y	Delete: Contamination. Continuous Waste TABLE: Control, Limit. Control, Primary Safety. Convectur.	
66	N/A	Section R202	Section R202	Definitions	N	2021/2024: [RE] Continuous Air Barrier. Continuous Insulation (ci).	N/A	N/A	Energy	A	Y	references Ch. 11	
67	N/A	N/A	Section R202	Definitions	N	2024: [RE] Continuous Pilot.	N/A	N/A	Energy	A	Y	references Ch. 11	
68	N/A	N/A	Section R202	Definitions	N	2024: [MP] Control. Conversion Burner. Copper Alloy.	N/A	N/A	Plbg/Mech	A	Y	references Ch. 24	
69	Section R202	Section R202	Section R202	Definitions	Y	2020: [RB] Crawl Space. Areas or rooms with less than 6 feet 4 inches (1931 mm) ceiling height measured to the finished floor or grade below. 2021/2024: [RB] Crawl Space. An underfloor space that is not a basement.	H	H	AM - Keep 2020	TABLE	Y	Pending review of R313 & R408	
70	N/A	Section R202	Section R202	Definitions	N	2021/2024: [RE] Crawl Space Wall. Curtain Wall.	N/A	N/A	Energy	A	Y	references Ch. 11	
71	N/A	Section R202	Section R202	Definitions	N	2021/2024: [RB] Cripple Wall Clear Height. The vertical height of a cripple wall from the top of the foundation to the underside of floor framing above.	M	M	A	A	Y		
72	N/A	Section R202	Section R202	Definitions	N	2021/2024: [MP] Cross Connection. Damper, Volume.	N/A	N/A	Plbg/Mech	Delete TABLE	Y	Delete: Cross connection TABLE: Damper, Volume for MECH TAG	
73	N/A	N/A	Section R202	Definitions	N	2024: [MP] Cubic Foot. Damper. Decorative Appliance, Vented. Decorative Appliances For Installation In Vented Fireplaces.	N/A	N/A	Plbg/Mech	A	Y	references Ch. 24	
74	Section R202	Section R202	Section R202	Definitions	N	2020/2021: [RB] Decorative Glass. A carved, leaded or Dalle glass or glazing material with a purpose that is decorative or artistic, not functional; with coloring, texture or other design qualities or components that cannot be removed without destroying the glazing material; and with a surface, or assembly into which it is incorporated, that is divided into segments. 2024: [RB] Decorative Glazing. A carved, leaded or Dalle glass or glazing material with a purpose that is decorative or artistic, not functional; with coloring, texture or other design qualities or components that cannot be removed without destroying the glazing material; and with a surface, or assembly into which it is incorporated, that is divided into segments.	L	L	A	A	Y		
75	N/A	N/A	Section R202	Definitions	N	2024: [MP] Demand. Design Flood Elevation.	N/A	N/A	Plbg/Mech	A	Y	references Ch. 24	
76	N/A	Section R202	Section R202	Definitions	N	2021/2024: [RE] Demand Recirculation Water System. Duct.	N/A	N/A	Energy	A	Y	references Ch. 11	
77	N/A	N/A	Section R202	Definitions	N	2024: [RE] Demand Response Signal. Demand Responsive Control.	N/A	N/A	Energy	A	Y	references Ch. 11	
78	Section R202	Section R202	Section R202	Definitions	N	2020/2021: [MP] Design Professional. See "Registered design professional." 2024:[RB] Design Professional. See "Registered design professional."	L	L	A	A	Y		
79	N/A	Section R202	Section R202	Definitions	N	2021/2024: [MP] Developed Length. Dilution Air. Direct System. Direct-Vent Appliance. Draft. Draft Hood. Draft Regulator. Drain. Drainage Fitting. Drain-Back System.	N/A	N/A	Plbg/Mech	Accept Delete TABLE	Y	Accept: Dilution Air. Direct System. Direct-Vent Appliance. Draft. Draft Hood. Draft Regulator Delete: Developed Length, Drain. Drainage Fitting TABLE: Drain-Back System, pending MECH TAG review	
80	N/A	N/A	Section R202	Definitions	N	2024: [RE] Dimmer. Distribution System Efficiency (DSE). Duct Airflow Balancing. Ductwork.	N/A	N/A	Energy	A	Y	References Ch. 11	
81	N/A	N/A	Section R202	Definitions	N	2024: [MP] Drip. Duct Furnace. Duct System.	N/A	N/A	Plbg/Mech	A	Y	references Ch. 24	

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83	Section R202	Section R202	Section R202	Definitions	N	2020/2021/2024: [RB] Dwelling Unit. A single unit providing complete independent living facilities for one or more persons, including permanent provisions for living, sleeping, eating, cooking and sanitation. For the definition applicable in Chapter 11, see Section N1101.6. For the definition applicable in Chapter 24, see Section G2403.	L	L	A Referenced sections to track.	A	Y	
84	N/A	Section R202	Section R202	Definitions	N	2021/2024: [MP] DWV. Effective Opening. Elbow	N/A	N/A	Plbg/Mech	AM DELETE	Y	
85	Section R202	Section R202	Section R202	Definitions	N	2020/2021/2024: [RB] Emergency Escape and Rescue Opening. An operable exterior window, door or other similar device that provides for a means of escape and access for rescue in the event of an emergency. (See also "Grade floor emergency escape and rescue opening.")	H	L	A	A	Y	
86	N/A	N/A	Section R202	Definitions	N	2024: [RE] Emission. Enclosed Reflective Air Space. Energy Rating Index (ERI).	N/A	N/A	Energy	A	Y	
87	N/A	Section R202	Section R202	Definitions	N	2021/2024: [RE] Energy Analysis. Energy Cost. Energy Simulation Tool.	N/A	N/A	Energy	A	Y	
88	N/A	Section R202	Section R202	Definitions	N	2021/2024: [RB] Energy Storage Systems (ESS). One device or multiple devices, assembled together, capable of storing electrical energy to be supplied at a future time.	M	M	A	A	Y	
89	N/A	Section R202	Section R202	Definitions	N	2021/2024: [MP] Equipment. Equivalent Length. Essentially Nontoxic Transfer Fluids. Essentially Toxic Transfer Fluids. Evaporative Cooler. Excess Air. Exhaust Hood, Full Opening. Existing Installations.	N/A	N/A	Plbg/Mech	DELETE - Equivalent Length Existing Installation	Y	
90	N/A	Section R202	Section R202	Definitions	N	2021/2024: [RE] ERI Reference Design.	N/A	N/A	Energy	A	Y	
91	N/A	N/A	Section R202	Definitions	N	2024: [MP] Excess Flow Valve (EFV). Exterior Masonry Chimney.	N/A	N/A	Plbg/Mech	A	Y	
92	N/A	N/A	Section R202	Definitions	N	2024: [RB] Existing Building. Existing building is a building erected prior to the adoption of this code, or one for which a legal building permit has been issued. For the definition applicable in Chapter 11, see Section N1101.6.	M	M	A	TABLE AM	Y	check with 1311 TAG to compare definitions Delete: Adoption, Effective Date
93	N/A	N/A	Section R202	Definitions	N	2024: [RB] Exterior Soffit. A material or assembly of materials applied on the underside of exterior overhangs and attached carport and porch ceilings.	L	L	A	A	Y	
94	N/A	Section R202	Section R202	Definitions	N	2021/2024: [RB] Exterior Wall. An above-grade wall that defines the exterior boundaries of a building. Includes between-floor spandrels, peripheral edges of floors, roof and basement knee walls, dormer walls, gable end walls, gable end roof trusses, walls enclosing a mansard roof and basement walls with an average below-grade wall area that is less than 50 percent of the total opaque and nonopaque area of that enclosing side. For the definition applicable in Chapter 11, see Section N1101.6.	M	H	A	A	Y	

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					Y or N		N=None, L=Low M=Med, H=High	Y or N				
95	Section R202	Section R202	Section R202	Definitions	N	2020/2021/2024: [RB] Exterior Wall Covering. A material or assembly of materials applied on the exterior side of exterior walls for the purpose of providing a weather-resistive barrier, insulation or for aesthetics, including but not limited to, veneers, siding, exterior insulation and finish systems, architectural trim and embellishments such as cornices, soffits, and fascias.	L	L	A	A	Y	
96	N/A	Section R202	Section R202	Definitions	N	2021/2024: [MP] Factory-Made Air Duct.	N/A	N/A	Plbg/Mech	A	Y	
97	Section R202	Section R202	Section R202	Definitions	N	2020/2021/2024: [RE] Fenestration. Products classified as either vertical fenestration or skylights and sloped glazing, installed in such a manner as to preserve the weather-resistant barrier of the wall or roof in which they are installed. Fenestration includes products with glass or other transparent or translucent materials. For the definition applicable in Chapter 11, see Section N1101.6.	L	L	A Referenced sections to track.	A	Y	
98	Section R202	Section R202	Section R202	Definitions	N	2020/2021/2024: [RE] Fenestration, Vertical. Windows that are fixed or movable, opaque doors, glazed doors, glazed block and combination opaque and glazed doors installed in a wall at less than 15-degrees (0.26 rad) from vertical. For the definition applicable in Chapter 11, see Section N1101.6 under "Fenestration."	L	L	A Referenced sections to track.	A	Y	
99	N/A	Section R202	Section R202	Definitions	N	2021/2024: [RE] Fenestration Product, Site-Built.	N/A	N/A	Energy	A	Y	
100	N/A	N/A	Section R202	Definitions	N	2024: [RE] F-Factor (Thermal Transmittance).	N/A	N/A	Energy	A	Y	
101	Section R202	Section R202	Section R202	Definitions	N	2020/2021/2024: [RB] Fire Separation Distance. The distance measured from the building face to one of the following: 1.To the closest interior lot line. 2.To the centerline of a street, an alley or public way. 3.To an imaginary line between two buildings or townhouse units on the lot. The distance shall be measured at a right angle from the face of the wall.	M	M	A	A	Y	
102	Section R202	Section R202	Section R202	Definitions	N	2020/2024: [RB] Fireplace. An assembly consisting of a hearth and fire chamber of noncombustible material and provided with a chimney, for use with solid fuels. For the definition applicable in Chapter 24, see Section G2403. Factory-built fireplace. A listed and labeled fireplace and chimney system composed of factory-made components, and assembled in the field in accordance with manufacturer's instructions and the conditions of the listing. For the definition applicable in Chapter 24, see Section G2403. Masonry fireplace. A field-constructed fireplace composed of solid masonry units, bricks, stones or concrete. For the definition applicable in Chapter 24, see Section G2403. 2021: [RB] Fireplace. An assembly consisting of a hearth and fire chamber of noncombustible material and provided with a chimney, for use with solid fuels.	M	M	A Referenced sections to track.	A	Y	
103	N/A	Section R202	Section R202	Definitions	N	2021/2024: [MP] Fireplace Stove.	N/A	N/A	Plbg/Mech	A	Y	

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105	N/A	Section R202	Section R202	Definitions	N	2021/2024: [MP] Fixture. Fixture Branch, Drainage. Fixture Branch, Water-Supply. Fixture Drain. Fixture Fitting. Fixture Group, Main. Fixture Supply. Fixture Unit, Drainage (d.f.u.). Fixture Unit, Water-Supply (w.s.f.u.).	N/A	N/A	Plbg/Mech	AM - DELETE	Y	ALL IN 4714
106	N/A	N/A	Section R202	Definitions	N	2024: [MP] Flame Safeguard.	N/A	N/A	Plbg/Mech	A	Y	
107	Section R202	N/A	N/A	Definitions	Y	2020: Flashing. Approved corrosion-resistive material provided in such a manner as to deflect and resist entry of water into the construction assembly.	M	H	AM - Keep 2020	REJECT	Y	Repeal the amendment 703.4 handles it
108	N/A	N/A	Section R202	Definitions	N	2024: [MP] Flashback Arrestor Check Valve. Flood Hazard Area.	N/A	N/A	Plbg/Mech	A	Y	
109	N/A	Section R202	Section R202	Definitions	N	2021/2024: [MP] Flexible Air Connector. Flood-Level Rim.	N/A	N/A	Plbg/Mech	A AM	Y	DELETE: Flood-Level Rim, IN 4714
110	Section R202	N/A	N/A	Definitions	Y	2020: Floor Area. The calculated square footage of the floor within the inside perimeter of the exterior walls of the building under consideration without deduction for hallways, stairways, closets, the thickness of interior walls, columns, or other features.	L	M	AM - Keep 2020	A - POLL	Y	members discussed, poll to Reject or Keep poll consensus to keep
111	N/A	Section R202	Section R202	Definitions	N	2021/2024: [MP] Floor Drain. Floor Furnace. Flow Pressure. Flue, Appliance. Flue Collar. Flue Gases. Flush Valve. Flushometer Tank. Flushometer Valve.	N/A	N/A	Plbg/Mech	A AM	Y	Accept: Floor Furnace, Flue, Appliance. Flue Collar. Flue Gases. Delete: Floor Drain, Flush Valve. Flushometer Tank. Flushometer Valve.
112	N/A	N/A	Section R202	Definitions	N	2024: [MP] Flue Liner (Lining).	N/A	N/A	Plbg/Mech	A	Y	
113	N/A	Section R202	Section R202	Definitions	N	2021/2024: [RB] Fuel Cell Power System, Stationary. A stationary energy generation system that converts the chemical energy of a fuel and oxidant to electric energy (DC or AC electricity) by an electrochemical process. Field-fabricated fuel cell power system. A stationary fuel cell power system that is assembled at the job site and is not a preengineered or prepackaged factory-assembled fuel cell power system. Preengineered fuel cell power system. A stationary fuel cell power system consisting of components and modules that are produced in a factory, and shipped to the jobsite for assembly. Prepackaged fuel cell power system. A stationary fuel cell power system that is factory assembled as a single, complete unit and shipped as a complete unit for installation at the job site.	M	M	A	A	Y	
114	N/A	N/A	Section R202	Definitions	N	2024: [MP] Fuel Gas. Furnace, Central. Furnace Plenum. Gas Convenience Outlet. Gas Piping.	N/A	N/A	Plbg/Mech	A	Y	
115	N/A	N/A	Section R202	Definitions	N	2024: [RE] Fuel Oil.	N/A	N/A	Energy	A	Y	
116	N/A	Section R202	Section R202	Definitions	N	2021/2024: [MP] Fuel-Piping System. Full-Open Valve. Fullway Valve. Furnace.	N/A	N/A	Plbg/Mech	A AM	Y	DELETE: Full-Open Valve. Fullway Valve

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118	Section R202	Section R202	Section R202	Definitions	N	2020: [RB] Grade Floor Opening. A window or other opening located such that the sill height of the opening is not more than 44 inches (1118 mm) above or below the finished ground level adjacent to the opening. (See also "Emergency escape and rescue opening.") 2021/2024: [RB] Grade Floor Emergency Escape and Rescue Opening. An emergency escape and rescue opening located such that the bottom of the clear opening is not more than 44 inches (1118 mm) above or below the finished ground level adjacent to the opening. (See also "Emergency escape and rescue opening.")	H	H	A	A	Y	
119	Section R202	Section R202	Section R202	Definitions	N	2024: [RB] Grade Plane. A reference plane representing the average of the finished ground level adjoining the building at all exterior walls. Where the finished ground level slopes away from the exterior walls, the reference plane shall be established by the lowest points within the area between the building and the lot line or, where the lot line is more than 6 feet (1829 mm) from the building between the structure and a point 6 feet (1829 mm) from the building. For the definition applicable in Chapter 11, see Section N1101.6.	M	M	A Referenced sections to track.	A	Y	
120	N/A	Section R202	Section R202	Definitions	N	2021/2024: [MP] Grade, Piping, Graywater, Gridded Water Distribution System, Ground-Source Heat Pump Loop System.	N/A	N/A	Plbg/Mech	A AM	Y	DELETE: Grade, Piping, Graywater, Gridded Water Distribution System.
121	N/A	Section R202	Section R202	Definitions	N	2021/2024: [RB] Gross Area of Exterior Walls. The normal projection of all exterior walls, including the area of all windows and doors installed therein.	L	M	A	A	Y	
122	Section R202	Section R202	Section R202	Definitions	N	2020/2021: [RB] Gypsum Board. The generic name for a family of sheet products consisting of a noncombustible core primarily of gypsum with paper surfacing. Gypsum wallboard, gypsum sheathing, gypsum base for gypsum veneer plaster, exterior gypsum soffit board, predecorated gypsum board and water-resistant gypsum backing board complying with the standards listed in Section R702.3 and Part IX of this code are types of gypsum board. 2024: [RB] Gypsum Board. A type of gypsum panel product consisting of a noncombustible core primarily of gypsum with paper surfacing.	L	L	A	A	Y	
123	Section R202	Section R202	Section R202	Definitions	N	2024: [RB] GYPSUM PANEL PRODUCT. The general name for a family of sheet products consisting essentially of gypsum complying with the standards specified in Section R702.3 and Chapter 44 of this code.	L	L	A Referenced sections to track.	A	Y	
124	N/A	Section R202	Section R202	Definitions	N	2021/2024: [RB] Gypsum Sheathing. Gypsum panel products specifically manufactured with enhanced water resistance for use as a substrate for exterior surface materials.	M	M	A	A	Y	
125	N/A	Section R202	Section R202	Definitions	N	2021/2024: [RB] Gypsum Wallboard. A gypsum board used primarily as interior surfacing for building structures.	M	M	A	A	Y	
126	N/A	Section R202	Section R202	Definitions	N	2021/2024: [MP] Hangers, Hazardous Location, Heat Pump, High-Temperature (H.T.) Chimney.	N/A	N/A	Plbg/Mech	A	Y	
127	N/A	N/A	Section R202	Definitions	N	2024: [RE] Heat Exchanger.	N/A	N/A	Energy	A	Y	
128	N/A	Section R202	Section R202	Definitions	N	2021/2024: [RE] Heated Slab.	N/A	N/A	Energy	A	Y	
129	N/A	Section R202	N/A	Definitions	N	2021: [RE] High-Efficacy Light Sources.	N/A	N/A	Energy	A	Y	
130	Section R202	Section R202	Section R202	Definitions	Y	2020: [RB] Historic Building. A "Historic building" has the meaning given in part 1300.0070, subpart 12a. 2021/2024:[RB] Historic Building. A building or structure that is one or more of the following. 1. Listed, or certified as eligible for listing, by the State Historic Preservation Officer or the Keeper of the National Register of Historic Places in the National Register of Historic Places. 2. Designated as historic under an applicable state or local law. 3. Certified as a contributing resource within a National Register-listed, or a state-designated or locally designated historic district. For the definition applicable in Chapter 11, see Section N1101.6.	M	M	AM - Keep 2020	A	Y	

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							N=None, L=Low M=Med, H=High						
131	N/A	Section R202	Section R202	Definitions	N	2021/2024: [MP] Horizontal Branch, Drainage. Horizontal Pipe. Hot Water. Hydrogen-Generating Appliance. Ignition Source.	N/A	N/A	Plbg/Mech	A AM	Y	DELETE:Horizontal Branch, Drainage. Horizontal Pipe. Hot Water.	
132	N/A	N/A	Section R202	Definitions	N	2024: [MP] Ignition Pilot.	N/A	N/A	Plbg/Mech	A	Y		
133	Section R202	Section R202	Section R202	Definitions	N	2020/2021: [RB] Impact Protective System. Construction that has been shown by testing to withstand the impact of test missiles and that is applied, attached, or locked over exterior glazing. 2024: [RB] Impact Protective System. <u>Impact protective systems are defined as follows:</u> 1. Construction that has been shown by testing to withstand the impact of test missiles and that is applied, attached, or locked over exterior glazing. 2. For storm shelters, an assembly or device, subject to static or cyclic pressure and impact testing as detailed in ICC 500, installed to protect an opening in the storm shelter envelope.	H	M	A	A	Y		
134	N/A	Section R202	Section R202	Definitions	N	2021/2024: [MP] Indirect System. Indirect Waste Pipe. Individual Sewage Disposal System. Individual Vent. Individual Water Supply.	N/A	N/A	Plbg/Mech	Accept Delete	Y	Accept: Indirect System Delete: Indirect Waste Pipe. Individual Sewage Disposal System. Individual Vent. Individual Water Supply	
135	N/A	Section R202	Section R202	Definitions	N	2021/2024: [RE] Infiltration.	N/A	N/A	Energy	A	Y		
136	N/A	N/A	Section R202	Definitions	N	2024: [MP] Infrared Radiant Heater.	N/A	N/A	Plbg/Mech	A	Y		
137	Section R202	Section R202	Section R202	Definitions	N	2020: [RB] Insulating Sheathing. An insulating board having a thermal resistance of not less than R-2 of the core material. 2021/2024: [RB] Insulating Sheathing. <u>A rigid panel or board insulation material having a thermal resistance of not less than R-2 of the core material with properties suitable for use on walls, floors, roofs or foundations. For the definition applicable in Chapter 11, see Section N1101.6.</u>	M	M	A Referenced sections to track.	A	Y		
138	N/A	N/A	Section R202	Definitions	N	2024: [RE] Intermittent Ignition. Interrupted Ignition. Knee Wall.	N/A	N/A	Energy	A	Y		
139	N/A	Section R202	Section R202	Definitions	N	2021/2024: [RB] Intermodal Shipping Container. <u>A six-sided steel unit originally constructed as a general cargo container used for the transport of goods and materials.</u>	M	M	A	A	Y	ACCEPT as written; 1305 deals with this; Ch 3 will deal with this.	
140	Section R202	N/A	N/A	Definitions	Y	2020: Kick-Out Flashing. Flashing used to divert water where the lower portion of a sloped roof stops within the plane of an intersecting wall cladding.	M	H	AM - Keep 2020	AM	Y	KEEP MN AMENDMENT	
141	Section R202	Section R202	Section R202	Definitions	N	2020: [RB] Kitchen. Kitchen shall mean an area used, or designated to be used, for the preparation of food. 2021/2024: [RB] Kitchen. <u>Kitchen shall mean</u> An area used, or designated to be used, for the preparation of food.	L	L	A	A	Y		
142	Section R202	Section R202	Section R202	Definitions	N	2020/2021/2024: [RB] Labeled. Equipment, materials or products to which have been affixed a label, seal, symbol or other identifying mark of a nationally recognized testing laboratory, approved agency or other organization concerned with product evaluation that maintains periodic inspection of the production of such labeled items and whose labeling indicates either that the equipment, material or product meets identified standards or has been tested and found suitable for a specified purpose. <u>For the definition applicable in Chapter 11, see Section N1101.6. For the definition applicable in Chapter 24, see Section G2403.</u>	L	L	A Referenced sections to track.	A	Y		
143	N/A	N/A	Section R202	Definitions	N	2024: [MP] Joint, Flared. Joint, Mechanical. Joint, Plastic Adhesive. Leak Check. Liquefied Petroleum Gas or LPG (LP-Gas).	N/A	N/A	Plbg/Mech	A	Y		

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145	N/A	Section R202	Section R202	Definitions	N	2021/2024: [RB] Live/Work Unit. A dwelling unit or sleeping unit in which a significant portion of the space includes a nonresidential use that is operated by the tenant.	M	M	CCP Needed MSBC Ch 1305 deletes	AMEND	Y	CCP Needed MSBC Ch 1305 deletes
146	Section R202	Section R202	Section R202	Definitions	N	2020/2021/2024: [MP] Living Space. Space within a dwelling unit utilized for living, sleeping, eating, cooking, bathing, washing and sanitation purposes. <u>For the definition applicable in Chapter 11, see Section N1101.6. For the definition applicable in Chapter 24, see Section G2403.</u>	L	L	A Referenced sections to track.	A	Y	
147	Section R202	Section R202	Section R202	Definitions	N	2020/2021/2024: [RB] Lot. A <u>measured</u> portion or parcel of land considered as a unit <u>having fixed boundaries</u> .	M	M	A	A	Y	
148	Section R202	Section R202	Section R202	Definitions	N	2020: [RB] Lot Line. A line dividing one lot from another, or from a street or any public place. 2021/2024: [RB] Lot Line. <u>The line that bounds a plot of ground described as a lot in the title to the property.</u>	M	M	A	A	Y	
149	N/A	N/A	Section R202	Definitions	N	2024: [RE] Liquid Fuel. Low Slope.	N/A	N/A	Energy	A	Y	
150	N/A	Section R202	Section R202	Definitions	N	2021/2024: [RE] Low-Voltage Lighting. Manual.	N/A	N/A	Energy	A	Y	
151	N/A	Section R202	Section R202	Definitions	N	2021/2024: [MP] Local Exhaust. Locking-Type Tamper-Resistant Cap. Macerating Toilet Systems. Main. Main Sewer. Manifold Water Distribution Systems.	N/A	N/A	Plbg/Mech	ACCEPT DELETE	Y	ACCEPT: Local Exhaust. Locking-Type Tamper-Resistant Cap. DELETE: Macerating Toilet Systems. Main. Main Sewer. Manifold Water Distribution Systems.
152	N/A	N/A	Section R202	Definitions	N	2024: [MP] Log Lighter. Main Burner.	N/A	N/A	Plbg/Mech	A	Y	
153	N/A	Section R202	Section R202	Definitions	N	2021/2024: [RB] Manufactured Home. A structure, transportable in one or more sections, that in the traveling mode is 8 body feet (2438 body mm) or more in width or 40 body feet (12 192 body mm) or more in length, or, where erected on site, is 320 square feet (30m ²) or more, and that is built on a permanent chassis and designed to be used as a dwelling with or without a permanent foundation where connected to the required utilities, and includes the plumbing, heating, air-conditioning and electrical systems contained therein; except that such term shall include any structure that meets all the requirements of this paragraph except the size requirements and with respect to which the manufacturer voluntarily files a certification required by the secretary (HUD) and complies with the standards established under this title. For mobile homes built prior to June 15, 1976, a label certifying compliance to the Standard for Mobile Homes, NFPA 501, in effect at the time of manufacture is required. For the purpose of these provisions, a mobile home shall be considered to be a manufactured home.	M	M	TABLE to check with 1350 to see if there is a problem with this definition, if no keep as is	TABLE	Y	TABLE to check with 1350 to see if there is a problem with this definition, if no keep as is
154	N/A	Section R202	Section R202	Definitions	N	2021/2024: [MP] Mechanical Draft System. Mechanical Joint. Mechanical System. Natural Draft System.	N/A	N/A	Plbg/Mech	A	Y	
155	N/A	N/A	Section R202	Definitions	N	2024: [MP] Meter. Modulating.	N/A	N/A	Plbg/Mech	A	Y	

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											Y or N		Y or N
156	Section R202	Section R202	Section R202	Definitions	N	2020: [RB] Noncombustible Material. Materials that pass the test procedure for defining noncombustibility of elementary materials set forth in ASTM E136. 2021/2024: [RB] Noncombustible Material. A material that passes ASTM E136. For the definition applicable in Chapter 24, see Section G2403.	H	H	A Referenced sections to track.	A	Y		
157	Section R202	N/A	N/A	Definitions	Y	2020: Occupancy Classifications. IRC-1 - Single-family dwellings IRC-2 - Two-family dwellings IRC-3 - Townhouses IRC-4 - Accessory structures: a. Garages; b. Storage sheds; and c. Similar structures.	H	H	AM - Keep 2020	TABLE CCP NEEDED	Y	TABLE, CCP needed, Lisa H. to write CCP INCORPORATE changes made in other TAGS SEE 326B Law Conflict with AIA requirements?	
158	N/A	N/A	Section R202	Definitions	N	2024: [RE] Occupant Sensor Control. Occupiable Space.	N/A	N/A	Energy	A	Y		
159	N/A	Section R202	Section R202	Definitions	N	2021/2024: [MP] Offset. On-Site Nonpotable Water Reuse Systems. Pellet Fuel-Burning Appliance. Pellet Vent.	N/A	N/A	Plbg/Mech	ACCEPT DELETE	Y	ACCEPT: Pellet Fuel-Burning Appliance. Pellet Vent. DELETE: Offset. On-Site Nonpotable Water Reuse Systems.	
160	N/A	N/A	Section R202	Definitions	N	2024: [MP] Offset (Vent). Outlet. Oxygen Depletion Safety Shutoff System (ODS)	N/A	N/A	Plbg/Mech	A	Y		
161	N/A	N/A	Section R202	Definitions	N	2024: [RE] On-Demand Pilot. On-Site Renewable Energy.	N/A	N/A	Energy	A	Y		
162	N/A	Section R202	Section R202	Definitions	N	2021/2024: [RE] Opaque Door. Proposed Design.	N/A	N/A	Energy	A	Y		
163	Section R202	Section R202	Section R202	Definitions	N	2020/2021: [RB] Pan Flashing. Corrosion-resistant flashing at the base of an opening that is integrated into the building exterior wall to direct water to the exterior and is premanufactured, fabricated, formed or applied at the job site. 2024: [RB] Pan Flashing. Corrosion-resistant flashing at the base of an opening that is integrated into the building exterior wall to direct water to the water resistive barrier surface or to the exterior and is premanufactured, fabricated, formed or applied at the job site.	M	M	A	A	Y		
164	Section R202	Section R202	Section R202	Definitions	N	2020/2021/2024: [RB] Photovoltaic (PV) Module. A complete, environmentally protected unit consisting of solar cells, optics and other components, exclusive of a tracker, designed to generate DC power where exposed to sunlight.	L	L	A	A	Y		
165	Section R202	Section R202	Section R202	Definitions	N	2020/2021/2024: [RB] Photovoltaic (PV) Panel. A collection of photovoltaic modules mechanically fastened together, wired, and designed to provide a field-installable unit.	L	L	A	A	Y		
167	Section R202	Section R202	Section R202	Definitions	N	2020/2021/2024: [RB] Photovoltaic (PV) Panel System. A system that incorporates discrete photovoltaic panels that convert solar radiation into electricity, including rack support systems.	L	L	A	A	Y		
168	N/A	N/A	Section R202	Definitions	N	2024: [RB] Photovoltaic (PV) Panel System, Ground Mounted. An independent photovoltaic (PV) panel system without usable space underneath, installed directly on the ground.	L	L	A	A	Y		
169	N/A	N/A	Section R202	Definitions	N	2024: [RB] Photovoltaic (PV) Support Structure, Elevated. An independent photovoltaic (PV) panel support structure designed with usable space underneath with a clear height of not less than 7 feet 6 inches (2286 mm), intended for secondary use such as providing shade or parking of motor vehicles.	L	L	A	A	Y		
170	Section R202	Section R202	N/A	Definitions	N	2020/2021: [RB] Photovoltaic Shingles. A roof covering that resembles shingles and that incorporates photovoltaic modules.	L	L	A	NA	Y	2024 deleted it because BIPV defines it better	
171	N/A	N/A	Section R202	Definitions	N	2024: [MP] Pilot. Piping. Piping System. Plastic, Thermoplastic. Point Of Delivery. Pressure Drop. Pressure Test.	N/A	N/A	Plbg/Mech	a	y		
172	N/A	Section R202	Section R202	Definitions	N	2021/2024: [MP] Plenum. Plumbing. Plumbing Appliance. Plumbing Appurtenance. Plumbing Systems, Pollution. Portable-Fuel-Cell Appliance. Potable Water. Press-Connect Joint. Pressure-Relief Valve. Public Sewer. Public Water Main. Purge. Push-Fit Fitting. Quick-Closing Valve.	N/A	N/A	Plbg/Mech	ACCEPT DELETE	Y	ACCEPT: Plenum Portable-Fuel-Cell Appliance Press-Connect Joint. Pressure-Relief Valve. Public Purge. DELETE: Push-Fit Fitting. Quick-Closing Valve Public Sewer. Public Water Main. Potable Water Plumbing. Plumbing Appliance. Plumbing Appurtenance. Plumbing Systems, Pollution.	

To be completed by Chair										To be completed by TAG members		
Item No.	2020 Minnesota Code Section	2021 IRC Code Section	2024 IRC Code Section	Subject	Current MN Amend Y or N	Description of Change	Safety & Health Value	Cost Impact	Recommendation A - Accept R - Reject AM - Amend or Comments	Recommendation A - Accept R - Reject AM - Amend	TAG Group Consensus Y or N	Comments
173	N/A	N/A	Section R202	Definitions	N	2024: [RB] Rainscreen System. An assembly applied to the exterior side of an exterior wall which consists of, at minimum, an outer layer, an inner layer and a cavity between them sufficient for the passive removal of liquid water and water vapor.	M	M	A	A	Y	
174	Section R202	Section R202	Section R202	Definitions	N	2020/2021/2024: [RB] Ready Access (To). That which enables a device, appliance or equipment to be directly reached, without requiring the removal or movement of any panel, door or similar obstruction. For the definition applicable in Chapter 11, see Section N1101.6. For the definition applicable in Chapter 24, see Section G2403.	L	L	A Referenced sections to track.	A	Y	
175	N/A	Section R202	Section R202	Definitions	N	2021/2024: [MP] Receptor. Reclaimed Water. Refrigerant. Refrigerant Compressor. Relief Valve, Vacuum. Riser (Plumbing). Room Heater. Rough-In.	N/A	N/A	Plbg/Mech	ACCEPT DELETE	Y	ACCEPT: Refrigerant. Refrigerant Compressor. Relief Valve, Vacuum. Room Heater DELETE: Receptor. Reclaimed Water Riser (Plumbing)Rough-In.
176	N/A	Section R202	N/A	Definitions	N	2021: [MP] Refrigerating System.	N/A	N/A	Plbg/Mech	NA	Y	2024 deleted for new terms broken down
177	N/A	N/A	Section R202	Definitions	N	2024: [MP] Refrigeration System. Regulator. Regulator, Gas Appliance. Regulator, Line Gas Pressure. Regulator, Medium-Pressure (MP Regulator). Regulator, Monitoring. Regulator, Pressure. Regulator, Service Pressure. Relief Opening. Relief Valve (Device). Relief Valve, Pressure. Relief Valve, Temperature. Riser, Gas. Room Heater, Unvented. Room Heater, Vented.	N/A	N/A	Plbg/Mech	A	Y	
178	N/A	N/A	Section R202	Definitions	N	2024: [RE] Reflective Insulation. Renewable Energy Certificate (REC). Renewable Energy Resources.	N/A	N/A	Energy	A	Y	
179	Section R202	Section R202	Section R202	Definitions	N	2020/2021/2024: [RB] Repair. The reconstruction, replacement or renewal of any part of an existing building for the purpose of its maintenance or to correct damage. For the definition applicable in Chapter 11, see Section N1101.6.	L	L	A Referenced sections to track.	A	Y	
180	N/A	Section R202	Section R202	Definitions	N	2021/2024: [RE] Radiant Barrier. Rated Design. Residential Building. R-Value (Thermal Resistance).	N/A	N/A	Energy	A	Y	
181	N/A	N/A	Section R202	Definitions	N	2024: [RB] Responsive Vapor Retarder. A vapor retarder material complying with a vapor retarder class of Class I or Class II but which also has a vapor permeance of 1 perm or greater in accordance with ASTM E96, water method (Procedure B).	H	H	A	A	Y	
182	Section R202	Section R202	Section R202	Definitions	N	2020: [RB] Roof Assembly. A system designed to provide weather protection and resistance to design loads. The system consists of a roof covering and roof deck or a single component serving as both the roof covering and the roof deck. A roof assembly includes the roof deck, underlayment and roof covering, and can also include a thermal barrier, ignition barrier, insulation or a vapor retarder. 2021/2024: [RB] Roof Assembly. A system designed to provide weather protection and resistance to design loads. The system consists of a roof covering and roof deck or a single component serving as both the roof covering and the roof deck. A roof assembly can include an underlayment, thermal barrier, ignition barrier, insulation or a vapor retarder. For the definition applicable in Chapter 11, see Section N1101.6.	M	M	A Referenced sections to track.	A	Y	
183	Section R202	Section R202	Section R202	Definitions	N	2020: [RB] Roof Recover. The process of installing an additional roof covering over a prepared existing roof covering without removing the existing roof covering. For the definition applicable in Chapter 11, see Section N1101.6. 2021/2024: [RB] Roof Recover. The process of installing an additional roof covering over an prepared existing roof covering without removing the existing roof covering. For the definition applicable in Chapter 11, see Section N1101.6.	M	M	A Referenced sections to track.	A	Y	
184	Section R202	Section R202	Section R202	Definitions	N	2020/2021/2024: [RB] Roof Repair. Reconstruction or renewal of any part of an existing roof for the purposes of its maintenance. For the definition applicable in Chapter 11, see Section N1101.6.	L	L	A Referenced sections to track.	A	Y	

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					Y or N		N=None, L=Low M=Med, H=High	Y or N				
185	N/A	Section R202	Section R202	Definitions	N	2021/2024: [MP] Sanitary Sewer. Septic Tank. Sewage. Sewage Pump. Slip Joint. Soil Stack or Pipe. Solar Thermal Collector. Solar Thermal System. Stack. Stack Vent. Stationary Fuel Cell Power Plant. Storm Sewer, Drain. Sweep.	N/A	N/A	Plbg/Mech	ACCEPT DELETE	Y	ACCEPT: Solar Thermal Collector. Solar Thermal System Stationary Fuel Cell Power Plant DELETE: Sanitary Sewer. Septic Tank. Sewage. Sewage Pump. Slip Joint. Soil Stack or Pip Stack. Stack Vent. Storm Sewer, Drain. Sweep.
186	N/A	N/A	Section R202	Definitions	N	2024: [MP] Service Meter Assembly. Shaft. Specific Gravity. System Shutoff.	N/A	N/A	Plbg/Mech	A	Y	
187	N/A	Section R202	Section R202	Definitions	N	2021/2024: [RE] Service Water Heating. Skylight. Solar Heat Gain Coefficient (SHGC). Standard Reference Design.	N/A	N/A	Energy	A	Y	
188	N/A	N/A	Section R202	Definitions	N	2024: [RE] Simulated Building Performance. Solar-Ready Zone. Space Conditioning. Space Conditioning Equipment. Steep Slope.	N/A	N/A	Energy	A	Y	
189	N/A	Section R202	Section R202	Definitions	N	2021/2024: [RB] Scupper. An opening in a wall or parapet that allows water to drain from a roof.	M	M	A	A	Y	
190	Section R202	Section R202	Section R202	Definitions	N	2020/2021: [RB] Seismic Design Category (SDC). A classification assigned to a structure based on its occupancy category and the severity of the design earthquake ground motion at the site. 2024: [RB] Seismic Design Category (SDC). A classification assigned to a structure based on its occupancy category and the severity of the design earthquake ground motion at the site.	L	L	A	A	Y	
191	Section R202	Section R202	Section R202	Definitions	Y	2020: [RB] Shall. "Shall" is a mandatory term. See Minnesota Rules, part 1300.0070, subpart 13. 2021/2024: [RB] Shall. The term, where used in the code, is construed as mandatory.	H	H	AM - Keep 2020	A	Y	mirrors language in 326B law
192	Section R202	N/A	N/A	Definitions	Y	2020: Sill Height. The lowest part of the window opening of an operable window measured from the finished floor.	H	H	AM - Keep 2020	A	Y	does not conflict with #118 def.
193	N/A	N/A	Section R202	Definitions	N	2024: [RB] Sleeping Loft. A space designated for sleeping on an intermediate level or levels between the floor and ceiling of a story, open on one or more sides to the room in which the space is located, and in accordance with Section R316.	H	H	A	A	Y	
194	N/A	Section R202	Section R202	Definitions	N	2021/2024: [RB] Sleeping Unit. A single unit that provides rooms or spaces for one or more persons, includes permanent provisions for sleeping and can include provisions for living, eating and either sanitation or kitchen facilities but not both. Such rooms and spaces that are also part of a dwelling unit are not sleeping units. For the definition applicable in Chapter 11, see Section N1101.6.	H	H	A	A	Y	
195	Section R202	Section R202	Section R202	Definitions	Y	2020/2021/2024: [RB] Solar Energy System. A system that converts solar radiation to usable energy, including photovoltaic panel systems, BIPV systems and solar thermal systems.	L	L	A	A	Y	
196	Section R202	Section R202	Section R202	Definitions	N	2020: [RB] Stairway. One or more flights of stairs, either interior or exterior, with the necessary landings and connecting platforms to form a continuous and uninterrupted passage from one level to another within or attached to a building, porch or deck. 2021/2024: [RB] Stairway. One or more flights of stairs, either interior or exterior, with the necessary landings and connecting platforms to form a continuous and uninterrupted passage from one level to another within or attached to a building, porch or deck.	M	L	A	A	Y	
197	N/A	Section R202	Section R202	Definitions	N	2021/2024: [RB] Storm Shelter. A building, structure or portion thereof, constructed in accordance with ICC 500 and designated for use during a severe wind storm event, such as a hurricane or tornado.	H	H	A	TABLE PENDING CCP	Y	Lisa H to write CCP to bring in alignment with 1305 ICC 500 2023
198	N/A	N/A	Section R202	Definitions	N	2024: [RB] Substantial Damage. Damage of any origin sustained by a structure whereby the cost of restoring the structure to its before-damaged condition would equal or exceed 50 percent of the market value of the structure before the damage occurred.	M	M	A	A	Y	
199	N/A	N/A	Section R202	Definitions	N	2024: [RB] Substantial Improvement. See 2024 IRC - Page 54. Improvement of a substantially damaged structure or work that equals or exceeds 50 percent of the structure market value. Excludes alterations to correct (BO ordered) living conditions or alterations on historic buildings.	M	M	A	A	Y	

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					Y or N		N=None, L=Low M=Med, H=High	Y or N					
200	Section R202	Section R202	Section R202	Definitions	N	2020/2021/2024: [RB] Sunroom. A one-story structure attached to a dwelling with a glazing area in excess of 40 percent of the gross area of the structure's exterior walls and roof. For the definition applicable in Chapter 11, see Section N1101.6.	L	L	A Referenced sections to track.	A	Y		
201	N/A	N/A	Section R202	Definitions	N	2024: [MP] Toilet, Gas Fired. Transition Fittings, Plastic to Steel. Unit Heater. Unvented Room Heater.	N/A	N/A	Plbg/Mech	A	Y		
202	N/A	Section R202	Section R202	Definitions	N	2021/2024: [MP] Temperature- and Pressure-Relief (T and P) Valve. Temperature-Relief Valve. Third-Party Certification Agency. Third Party Certified. Trap. Trap Arm. Trap Primer. Trap Seal. Type L Vent.	N/A	N/A	Plbg/Mech	ACCEPT/DELETE	Y	ACCEPT ALL EXCEPT DELETE PLUMBING TERMS: Trap. Trap Arm. Trap Primer. Trap Seal.	
203	N/A	N/A	Section R202	Definitions	N	2024: [RE] Testing Unit Enclosure Area. Thermal Distribution Efficiency (TDE).	N/A	N/A	Energy	A	Y		
204	N/A	Section R202	Section R202	Definitions	N	2021/2024: [RE] Thermal Resistance, R-Value. Thermal Transmittance, U-Factor. Thermostat. U-Factor (Thermal Resistance).	N/A	N/A	Energy	A	Y		
205	Section R202	Section R202	Section R202	Definitions	N	2020/2021/2024: [RB] Termite-Resistant Material. Pressure-preservative-treated wood in accordance with the AWPA standards in Section R304.1 R317.1 , naturally durable termite-resistant wood, steel, concrete, masonry or other approved material.	L	L	A	A	Y		
206	Section R202	Section R202	Section R202	Definitions	Y	2020: [RB] Townhouse. See "Dwelling." 2021/2024: [RB] Townhouse. A building that contains three or more townhouse units	M	M	A	TABLE	Y	TABLE PENDING CCP from Lisan H. concerning 1300 and 1311 reviews	
207	N/A	Section R202	Section R202	Definitions	N	2021/2024: [RB] Townhouse Unit. A single-family dwelling unit in a townhouse that extends from foundation to roof and that has a yard or public way on not less than two sides.	M	M	A	TABLE	Y	TABLE PENDING CCP from Lisan H.	
208	Section R202	N/A	N/A	Definitions	Y	2020: Transient. Occupancy of a dwelling unit or sleeping unit for not more than 30 days.	M	M	AM - Keep 2020	AM	Y	KEEP THE MN AMEND	
209	N/A	N/A	Section R202	Definitions	N	2024: [RB] Type X. A type of gypsum panel product with special core additives to increase the fire resistance as specified by the applicable standards listed in Section R702.3 (see the definition of "Gypsum panel product")	H	H	A	A	Y		
210	Section R202	Section R202	Section R202	Definitions	N	2020: [RB] Underlayment. One or more layers of felt, sheathing paper, nonbituminous saturated felt, or other approved material over which a roof covering, with a slope of 2 to 12 (17-percent slope) or greater, is applied. 2021/2024: [RB] Underlayment. One or more layers of felt, sheathing paper, nonbituminous saturated felt, or other approved material over which a roof covering, with a slope of 2 units vertical to 12 units horizontal (17-percent slope) or greater, is applied.	L	L	A	A	Y		
211	N/A	N/A	Section R202	Definitions	N	2024: [MP] Valve. Vent Piping. Vented Appliance Categories. Vented Room Heater. Vented Wall Furnace. Wall Heater, Unvented Type.	N/A	N/A	Plbg/Mech	A	Y		
212	N/A	Section R202	Section R202	Definitions	N	2021/2024: [MP] Vacuum Breaker. Vent Collar. Vent Connector. Vent Damper Device, Automatic. Vent Gases. Vent Stack. Vent System. Vertical Pipe. Waste. Waste Pipe or Stack. Waste Receptor. Water Distribution System. Water Heater. Water Main. Water Outlet. Water Service Pipe. Water Supply System. Wet Vent.	N/A	N/A	Plbg/Mech	ACCEPT/DELETE	Y	ACCEPT ALL EXCEPT DELETE PLUMBING TERMS: Vent Stack. Vent System. Vertical Pipe. Waste. Waste Pipe or Stack. Waste Receptor. Water Distribution System. Water Main. Water Outlet. Water Service Pipe. Water Supply System. Wet Vent.	
213	N/A	N/A	Section R202	Definitions	N	2024: [RE] Work Area.	N/A	N/A	Energy	A	Y		
214	N/A	Section R202	Section R202	Definitions	N	2021/2024: [RE] Ventilation Air. Visible Transmittance (VT). Zone.	N/A	N/A	Energy	A	Y		
215	Section R202	Section R202	Section R202	Definitions	N	2020: [RB] Vapor Diffusion Port. A passageway for conveying water vapor from an unvented attic to the outside atmosphere. 2021/2024: [RB] Vapor Diffusion Port. An assembly constructed or installed within a roof assembly at an opening in the roof deck to convey water vapor from an unvented attic to the outside atmosphere.	H	L	A	A	Y		

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216	Section R202	Section R202	Section R202	Definitions	N	2020: [RB] Vapor Permeable. The property of having a moisture vapor permeance rating of 5 perms (2.9 × 10-10 kg/Pa • s • m2) or greater, where tested in accordance with the desiccant method using Procedure A of ASTM E96. A vapor permeable material permits the passage of moisture vapor. 2021/2024: [RB] Vapor Permeable. The property of having a moisture vapor permeance rating of 5 perms (2.9 × 10-10 kg/Pa • s • m2) or greater, where tested in accordance with the desiccant method using Procedure A or Procedure B of ASTM E96. A vapor permeable material permits the passage of moisture vapor.	H	L	A	A	Y	
217	Section R202	Section R202	Section R202	Definitions	N	2020/2021/2024: [MP] Vent. A passageway for conveying a flue gases from fuel-fired appliances, or their vent connectors, to the outside atmosphere. For the definition applicable in Chapter 24, see Section G2403.	M	L	A Referenced sections to track.	A	Y	
218	Section R202	Section R202	Section R202	Definitions	N	2020/2021/2024: [RB] Ventilation. The natural or mechanical process of supplying conditioned or unconditioned air to, or removing such air from, any space. For the definition applicable in Chapter 11, see Section N1101.6.	M	L	A Referenced sections to track.	A	Y	
219	Section R202	Section R202	Section R202	Definitions	N	2020/2021/2024: [MP] Venting System. A continuous open passageway from the flue collar of an appliance to the outside atmosphere for the purpose of removing flue or vent gases. A venting system is usually composed of a vent or a chimney and vent connector, if used, assembled to form the open passageway. For the definition applicable in Chapter 24, see Section G2403.	M	L	A Referenced sections to track.	A	Y	
220	Section R202	N/A	N/A	Definitions	Y	2020: Waterproofing. Treatment of a surface or structure located below grade to resist the passage of water in liquid form, under hydrostatic pressure that bridges nonstructural cracks.	H	H	AM - Keep 2020	AM	Y	KEEP MN AMENDMENT
221	Section R202	Section R202	Section R202	Definitions	N	2020/2021/2024: [MP] Whole-House Mechanical Ventilation System. An exhaust system, supply system, or combination thereof that is designed to mechanically exchange indoor air for outdoor air where operating continuously or through a programmed intermittent schedule to satisfy the whole-house ventilation rate. For the definition applicable in Chapter 11, see Section N1101.6.	M	L	A Referenced sections to track.	TABLE CCP	Y	PENDING CCP FROM LISA H. TO ALIGN WITH WORK FORM OTHER TAGS
222	Section R202	Section R202	Section R202	Definitions	N	2020/2021/2024: Windborne Debris Region. Areas within hurricane-prone regions located in accordance with one of the following: 1. Within 1 mile (1.61 km) of the coastal mean high-water line where an Exposure D condition exists upwind at the water line and the ultimate design wind speed, Vult, is 130 mph (58 m/s) or greater. 2. In areas where the ultimate design wind speed, Vult, is 140 mph (63.6 m/s) or greater; or Hawaii.	H	H	A	A	Y	
1309 Ch. 3 - Building Planning												
1	R300.1	NA	NA	Occupancy Classifications	Y	A MN amendment listing the Occupancy Classifications at the beginning of the Building Planning Chapter 3. duplicates 1300.0070 subp. 12b	N	N	Amend; continue the existing MN amendment with text changes to duplicate changes to 1300.0070 subp. 12b. May need to add definitions to 1309 Ch.2 for "Non-transient" and "Fire area".	TABLE - CCP	Y	TABLE PENDING CCP FROM LISA H. TO COORDINATE WORK IN OTHER TAGS.
2	none	R301.1.4	R301.1.4	Intermodal Shipping Containers	N	2021 IRC added a new section to address repurposing shipping containers and 2024 IRC redirects to Ch. 3114 of the IBC for structural provisions only. 1309 will still apply to other issues of repurposing.	M	L	A	A	Y	
3	R301.2	same	same	climate and geographical design criteria	N	RENUMBER reference to table R301.2(1) is renumbered to R301.2 keeping with the renumbering of that table in the 2021 and 2024 IRCs.	N	N	A	A	Y	

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5	table R301.2(1) footnote a.	table R301.2 footnote a.	table R301.2 footnote a.	climate and geograpghical design criteria table	Y	a. is a footnote to 'weathering' column. Keep the MN amendment and change the figure reference to Figure R301.2(1) . Structural TAG .	N	N	Accept with change to figure ref.	A	Y	
6	table R301.2(1) footnote b.		table R301.2 footnote b.	climate and geograpghical design criteria table	Y	b. is a footnote to the 'Frost Depth' column. Keep MN amendment and add Zone III in keeping with changes to 1303.1600 Structural TAG .	M	M	Accept with text change	AM	Y	KEEP MN AMENDMENT
7	table R301.2(1) footnote c.		table R301.2 footnote c.	climate and geograpghical design criteria table	N	c. is the footnote to "Termite Damage" column. The model code language has NOT been changed in the past and does not need to be changed now.	M	M	Accept the model code language.	A	Y	
8	table R301.2(1) footnote d.		table R301.2 footnote d.	climate and geograpghical design criteria table	Y	d. is a footnote to the 'Wind Design Speed' column. Keep MN amendment and change wind speed map to ultimate design wind speeds map and reference Figure R301.2(2) Structural TAG .	M	M	Accept with text change and figure ref. change.	TABLE	Y	TABLE pending Structural TAG review
9	table R301.2(1) footnote e.	NA	NA	climate and geograpghical design criteria table	Y	table R301.2(1) e. is a footnote to a column added to the table by MN amendment that added a column titled 'Winter Design Temp.' and directs to MN. Rules Ch. 1322.	M	M	Keep the 2020 MN amendment	AM	Y	KEEP MN AMENDMENT
10	table R301.2(1) footnote l.		table R301.2 footnote f.	climate and geograpghical design criteria table	Y	2024 IRC f. is the footnote to "Seismic Design Category" column. In the past this was footnote l. and used different language, however the model code language is sufficient with a small text change. Alter model code language as follows in keeping with the State acting as the jurisdiction. The jurisdiction shall fill in this part of the table with the seismic design category determined from Section R301.2.2.1. Structural TAG .	M	M	Keep the model code language with deletion of text as indicated.	AM	Y	KEEP MN AMENDMENT. STRUCTURAL TAG may have CCP that deletes language indicated.
11	table R301.2(1) footnote g.		table R301.2 footnote g.	climate and geograpghical design criteria table	Y	g. is the footnote to the "Flood Hazard" column. The 2020 MN. Amended laguage continues to be correct.	M	M	Keep the 2020 MN amendment language.	AM	Y	KEEP MN AMENDMENT
12	table R301.2(1) footnotes h.		table R301.2 footnote h.	climate and geograpghical design criteria table	Y	h. is the footnote to the "Ice Barrier Underlayment Required" column. the model code language can be kept with the following changes: In accordance with Sections R905.1.2, R905.2.7 , R905.4.3.1, R905.5.3.1, R905.6.3.1, R905.7.3.1 and R905.8.3.1, where there has been a history of local damage from the effects of ice damming, the jurisdiction shall fill in this part of the table with "YES." Otherwise, the jurisdiction shall fill in this part of the table with "NO."	M	M	keep the model code language with addition and deletion of text as indicated.	AM	Y	KEEP MN AMENDMENT
13	table R301.2(1) footnote i.		table R301.2 footnote i.	climate and geograpghical design criteria table	Y	i. is the footnote to the "Air Freezing Index" column which is a category added by MN amendment. The text from the model code has been used, in the past, in its entirety without change. There is no need to change it this time either.	M	M	Keep the model code language	AM	Y	KEEP MN AMENDMENT
14	table R301.2(1) footnote j.		table R301.2 footnote j.	climate and geograpghical design criteria table	Y	j. is the footnote to the "Mean Annual Temp" column. The text from the model code has been used, in the past, in its entirety without change. There is no need to change it this time either.	M	M	Keep the model code language	AM	Y	KEEP MN AMENDMENT

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					Y or N		N=None, L=Low M=Med, H=High	Y or N					
15	table R301.2(1) footnote K.		table R301.2 footnote K.	climate and geograpghical design criteria table	Y	k. is the footnote to the "Topographic Effects" column. In the 2020 MRC the last part of the footnote was deleted by the Structural TAG . In accordance with Section R301.2.1.5, where there is local historical data documenting structural damage to buildings due to topographic wind speed-up effects, the jurisdiction shall fill in this part of the table with "YES." Otherwise, the jurisdiction shall indicate "NO" in this part of the table.	M	M	keep the model code language with deletion of text as indicated.	AM	Y	KEEP MN AMENDMENT	
16	NA		table R301.2 footnote L.	climate and geograpghical design criteria table	N	24 IRC creates a new column under "Wind Design" called " Special Wind Region " and assigns footnote I. The Structural TAG kept the model code language deleting the following: I. In accordance with Figure R301.2(2), where there is local historical data documenting unusual wind conditions, the jurisdiction shall fill in this part of the table with "YES" and identify any specific requirements. Otherwise, the jurisdiction shall indicate "NO" in this part of the table.	M	M	keep the model code language with deletion of text as indicated.	A	Y		
17	NA	NA	Table R301.2	climate and geograpghical design criteria table	Y	Structural TAG consensus was to keep the existing 2020 MN amendment to delete the category "Windborne Debris Zone".	M	M	Accept the Sturctural TAG consensus to keep the existing 2020 MN amendment.	AM	Y	KEEP MN AMENDMENT STRUCTURAL TAG CONSENSUS	
18	NA	NA	table R301.2 footnote m.	climate and geograpghical design criteria table	Y	Delete footnote m. in keeping with the MN amendment to delete the category "Windborne Debris Zone"	L	L	Accept the Sturctural TAG consensus to keep the existing 2020 MN amendment	AM	Y	KEEP MN AMEND TO DELETE STRUCT. TAG CONSENSUS	
19	NA	NA	table R301.2 footnote n.	climate and geograpghical design criteria table	Y	footnote n. will be deleted if the "Manual J Design Criteria" part of Table R301.2 is deleted. If the table is kept then the following model code text will have to be reviewed for MN 1309 relevance: n. The jurisdiction shall fill in these sections of the table to establish the design criteria using Table 1a or 1b from ACCA Manual J or established criteria determined by the jurisdiction.	M	M	Accept the Mechanical TAG recommendations	AM	Y	KEEP MN AMEND TO DELETE STRUCT. TAG CONSENSUS	
20	NA	NA	table R301.2 footnote o.	climate and geograpghical design criteria table	Y	Structural TAG amended footnote o. by deleting the model code language and adding the following: o. 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. this footnote could be renumbered m. or n. if the previous footnotes are deleted.	M	M	TABLE: the Sturctural TAG is reviewing and will make recommendations.	TABLE	Y	TABLE pending Structural TAG review	
21	R301.2.1	same	same	wind design criteria	N	the 2021 IRC added metal shingles and directs to 905.4.4 and added text dealing with ultimate design speeds.	N	N	A	A	Y		
22	figure R301.2(4)	figure R301.2(1)	figure R301.2(1)	concrete weathering	N	Renumbered: figure number changed in 2021 from (4) to (1)	N	N	A	A	Y		
23	figure R301.2(5)A	figure R301.2(2)	figure R301.2(2)	ultimate design wind speeds		Structural TAG reviewed and tabled . 2021 Renumbered and changed the map details . Footnotes changed in 2024.	N	N	TABLE pending Sturctural TAG decision.	TABLE	Y	TABLE pending Structural TAG review	
24	MN deleted	NA	figure R301.2(3)	ground snow loads		Structural TAG reviewed and tabled .			TABLE pending Sturctural TAG decision.	TABLE	Y	TABLE pending Structural TAG review	
25	table R301.2(2)	table R301.2.1(1)	table R301.2.1(1)	component cladding and loads	N	2021 renumbers the table and adds additional criteria	N	N	A	A	Y		
26	table R301.2(3)	table R301.2.1(2)	table R301.2.1(2)	height and exposure adjustment	N	2021 adjusts values in the first 3 lines. 2024 adjusts "B" exposure values for 40 thru 60 mean roof height.	N	N	accept model code changes.	A	Y		
27	figure R301.2(5)B	figure R301.2.1.1	figure R301.2.1.1	wind design regions	N	2021 renumbers the table and 2024 changes region lines	N	N	A	A	Y		
28	R301.2.1.1	same	same	wind limitations and desing required	N	2021 added language and changed references to figures that were renumbered .	N	N	A	A	Y		
29	R301.2.1.2.1	same	deleted	application of ASTM E1996	N	2024 IRC deleted this section	N	N	A	A	Y		

To be completed by Chair										To be completed by TAG members		
Item No.	2020 Minnesota Code Section	2021 IRC Code Section	2024 IRC Code Section	Subject	Current MN Amend Y or N	Description of Change	Safety & Health Value N=None, L=Low M=Med, H=High	Cost Impact N=None, L=Low M=Med, H=High	Recommendation A - Accept R - Reject AM - Amend or Comments	Recommendation A - Accept R - Reject AM - Amend	TAG Group Consensus Y or N	Comments
31	table R301.2.1.5.1	table R301.2.1.5.1	table R301.2.1.5.1	topographic with effect modification	N	2021 added 3 new wind speeds to the table. 2024 added <u>and townhouses</u> to footnote a.	N	N	A	A	Y	
32	R301.2.2	same	same	seismic provisions	N	2024 adds language that is not relevant to MN.	N	N	A	A	Y	
33	R301.2.2.1	same	same	Determination of seismic design category.	N	2021 2024 adds language that is not relevant to MN.	N	N	A	A	Y	
34	R301.2.2.1.1	same	same	Alternate Determination of seismic design category.	N	2021 2024 adds language that is not relevant to MN.	N	N	A	A	Y	
35	figures R301.2.2.1.1(2) to (3)	figures R301.2.2.1.1(1) to (6)	figures R301.2.2.1.1(1) to (7)	Determination of seismic design category.	N	2021 2024 adds language that is not relevant to MN.	N	N	A	A	Y	
36	R301.2.2.2 thru R301.2.2.10	R301.2.2.2 thru R301.2.2.10	R301.2.2.2 thru R301.2.2.10.1	seismic provisions	N	2021 2024 made changes not relevant to MN.	N	N	A	A	Y	
37	R301.2.3	same	same	Snow loads.	N	<u>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.</u> Wood-framed construction, cold-formed, steel-framed construction and masonry and concrete construction, and structural insulated panel construction in regions with <u>allowable stress design</u> ground snow loads, <u>pg(asd)</u> , 70 pounds per square foot (3.35 kPa) or less, shall be in accordance with Chapters 5, 6 and 8. Buildings in regions with <u>allowable stress design</u> ground snow loads, <u>pg(asd)</u> , greater than 70 pounds per square foot (3.35 kPa) shall be designed in accordance with accepted engineering practice.	N	N	TABLED by Structural TAG pending further review.	TABLED	Y	TABLED by Struct. TAG for further review
38	R301.2.4	same	same	Floodplain construction.	N	Buildings and structures constructed in whole or in part in flood hazard areas as established in Table R301.2, and substantial improvement and repair of substantial damage of buildings and structures <u>located in whole or in part</u> in flood hazard areas, shall be designed and constructed in accordance with Section R306. Buildings and structures that are located in more than one flood hazard area, <u>including A Zones, Coastal A Zones and V Zones</u> , shall comply with the provisions associated with the most restrictive flood hazard area. Buildings and structures located in whole or in part in identified floodways shall be designed and constructed in accordance with ASCE 24.	N	N	Accept the model code language and changes.	A	Y	
39	R301.3	same	same	story height	N	2021 IRC adds exception to item 1 also adds text to the last paragraph	N	N	A	A	Y	

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41	R301.6	same	same	Roof load	N	2021 The roof shall be designed for the live load indicated in Table R301.6 or the <u>ground</u> snow load indicated in Table R301.2, whichever is greater.	N	N	A	A	Y	
42	table R301.7	same	same	ALLOWABLE DEFLECTION OF STRUCTURAL MEMBERSb,	N	2021 adds the following: footnote e. Refer to Section R703.8.2. <u>The dead load of supported materials shall be included when calculating the deflection of these members.</u> Table line: All other structural members <u>excluding guards and handrails</u>	N	N	A	A	Y	
43	R302.1	same	same	Exterior walls	N	2024 Language added concerning townhouses and separation distances	N	N	A	A	Y	
44	table R302.1(1)	same	same	Exterior walls	Y	Mn. Added a footnote c	N	N	Accept; continue the existing MN amendment	AM	Y	KEEP THE EXISTING MN AMEND
45	table R302.1(2)	same	same	Exterior walls	Y	Mn. Added a footnote d	N	N	Accept; continue the existing MN amendment	AM	Y	KEEP THE EXISTING MN AMEND
46	R302.2.3	same	same	continuity	Y	Mn. Added roof to deck and slab and language at the end requiring separations to continue through extensions and overhangs	N	N	Accept; continue the existing MN amendment	AM	Y	KEEP THE EXISTING MN AMEND
47	R302.2.6	same	same	structural independence	N	2021 IRC adds a 6th exception for sprinkling	N	N	A	A	Y	
48	R302.2.7	NA	NA	sound transmission	Y	Mn. Adds this section to direct to appendix K for sound transmission requirements	N	N	Accept; continue the existing MN amendment	AM	Y	KEEP THE EXISTING MN AMEND Renumber K to BG
49	R302.3	SAME	SAME	two-family dwellings	N	the text of 302.3 was changed and broken down with new sections and sub sections added to R302.3 to better address two-family dwellings. 21 IRC added language that carries over to the 24 IRC: <u>"regardless of whether a lot line exists between two dwelling units."</u>	N	N	A	A	Y	
50	R302.3.1	R302.3.1	R302.3.1	two-family dwellings	N	RENUMBER: Section R302.3.1 is renumbered to R302.3.4.	N	N	A	A	Y	
51	R302.3.1	R302.3.1	R302.3.1	two-family dwellings	N	this section title changes from <u>Supporting Construction</u> to <u>Dwelling unit separation</u> and clarifies that the separations are either Vertical or Horizontal or Either.	N	N	A	A	Y	
52	1309.0302.3.2	NA	NA	two-family dwellings	Y	RENUMBERED: 1309.0302.3.2 was a 2020 MN amendment and will be renumbered to 1309.0302.3.7 as R302.3.2 is used by 2024 IRC for a new section.	N	N	Accept the numbering change and keep the existing MN amendment	AM	Y	KEEP THE EXISTING MN AMEND Renumber K to BG
53	NA	NA	R302.3.2	two-family dwellings	N	This new section addresses the Fire-resistance rating of dwelling separations	N	N	A	A	Y	
54	NA	NA	302.3.3	two-family dwellings	N	This is a new section is titled CONTINUITY . This section adds language that provides continuity of the fire-resistance rating between the dwelling units.	N	N	A	A	Y	
55	NA	NA	R302.3.3.1	two-family dwellings	N	a new sub section that adds HORIZONTAL ASSEMBLIES language that require that they be tight against exterior walls or vertical separation assemblies complying with Section 302.3.2.	M	L	A	A	Y	

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57	NA	NA	R302.3.4	two-family dwellings	N	Supporting construction. Carries over the idea of equal or greater fire resistance and clarifies by adding: " Vertical and horizontal assemblies separating dwelling units shall be supported by construction having "	M	L	A	A	Y	
58	NA	NA	R302.3.5	two-family dwellings	N	Vertically stacked dwelling units. A new section that lists 2 requirements for horizontal separation when not sprinkled to P2904.	M	L	A	A	Y	
59	NA	NA	R302.3.6	two-family dwellings	N	Shared accessory rooms. A new section that addresses share accessory rooms by directing to tables, sub sections and other code sections.	M	L	A	A	Y	
60	NA	NA	table R302.3.6	two-family dwellings	N	table R302.3.6 lists materials required depending on the type of separation or component.	M	L	A	A	Y	
61	NA	NA	R302.3.6.1	two-family dwellings	N	Opening protection. Addresses openings between the shared accessory room or area and dwelling units	M	L	A	A	Y	
62	NA	NA	R302.3.6.2	two-family dwellings	N	Duct penetration. Addresses ducts penetrating the walls or ceilings separating the dwelling from the shared accessory room	M	L	A	TABLE		TABLE Pending CCP from Chris R. to better define.
63	NA	NA	R302.3.6.3	two-family dwellings	N	Other penetrations. shall be protected as required by Section R302.11, Item 4.	M	L	A	A	Y	
64	1309.0302.3.2	NA	1309.0302.3.7	two-family dwelling sound transmission	Y	REUNBERED: 1309.0302.3.2 will be renumbered to 1309.0302.3.7 as R302.3.2 is used by 2024 IRC for a new section. There are no text changes to this section. Mn. Adds this section to direct to appendix K for sound transmission requirements	N	N	Accept; continue the existing MN amendment	AM	Y	KEEP THE EXISTING MN AMEND Renumber K to BG
65	R302.4.1	SAME	SAME	Dwelling unit rated penetraions	N	THROUGH PENETRATIONS 21 IRC added an exception #2 to address annular space	M	L	A	A	Y	
66	R302.4.2	same	same	Dwelling unit rated penetraions	N	Membrane penetrations. Exception #3 added: " or water-filled fire sprinkler piping, " and " the annular space "	N	N	A	A	Y	
67	R302.5	same	same	Dwelling-garage opening and penetraions	N	Text change: 24 IRC, the hyphen between Dwelling and Garage in the title is replaced with the word " unit " to form the new title: Dwelling unit garage opening and penetration protection	N	N	A	A	Y	
68	R302.5.1	same	same	Dwelling-garage opening protection	N	21 IRC added language: Doors shall be self-latching and equipped with a self-closing or automatic-closing device. 24 IRC added language: Other openings between the garage and dwelling unit shall be equipped...	N	N	A	A	Y	
69	R302.6	same	same	DWELLING GARAGE SEPARATION	N	Text change: 24 IRC, the hyphen between Dwelling and Garage in the title is replaced with the word " unit "	N	N	A	A	Y	
70	TABLE R302.6	same	same	DWELLING GARAGE SEPARATION	N	Text change: 24 IRC, the hyphen between Dwelling and Garage in the title is replaced with the word " unit "	N	N	A			
71	table R302.6	same	same	dwelling/garage separation	Y	Mn. Amendes the table and adds language to this table that should be kept	N	N	Accept; continue the existing MN amendment			
72	R302.8	R302.8	R302.8	Foam plastic	N	Text change: reference to R316 is changed to R303 in keeping with renumbering	N	N	A			
73	NA	NA	R302.8.1	Foam plastic	N	Interior finish. 21 IRC adds a new section dealing with foam plastics in interior finishes and refences R316.5.10. The 24 IRC changes that section number to R303.5.10	N	N	A			
74	NA	R302.9.5	same	use of HDPE & PP	N	2021 IRC adds this section to deal with HDPE & PP as interior fins.	N	N	A			
75	R302.10.4	same	same	Flame spread index and smoke-developed index for insulation	N	Exposed attic insulation. 24 IRC adds text to the end of the provision to clarify testing reuquirements: Exposed insulation materials installed on attic floors shall have a critical radiant flux of not less than 0.12 watt per square centimeter when tested in accordance with ASTM E970.	N	N	A			

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77	NA	NA	R302.15	fire-retardent-treated wood	N	2024 IRC creates a new section for fire-retardent-treated wood. Includes Sub-Sections R302.15.1 thru R302.15.10	N	N	A			
78	R316	same	R303	Foam plastic	N	2024 IRC renumbered section R316 to R303 including sub-sections thereof	N	N	A			
79	NA	NA	R303.1.1	Foam plastic	N	24 IRC Creates a new section for Spray-applied foam plastic	L	L	A			
80	NA	NA	R301.1.2	Foam plastic	N	24 IRC Creates a new section for INSULATING SHEATHING	L	L	A			
81	NA	NA	TABLE R303.1.2	Foam plastic	N	24 IRC Creates a new TABLE for MATERIAL STANDARDS FOR FOAM PLASTIC INSULATING SHEATHING	L	L	A			
82	R316.3	SAME	R303.3	Foam plastic	N	21 IRC Deletes text and replaces it with subsection numbers that follow this section where that specific text is relocated. 21 IRC Adds an exception to surface burning characteristics 24 IRC changes text in the exception to clarify testing criteria	L	L	A			
83	NA	R316.3.1	R303.3.1	Foam plastic	N	21 IRC Adds a new section for Foam plastic insulation 4 inches thick or less 24 IRC RENUMBERS IT.	L	L	A			
84	NA	R316.3.2	R303.3.2	Foam plastic	N	21 IRC adds a new section for Foam plastic insulation more than 4 inches thick . 24 IRC RENUMBERS IT.	L	L	A			
85	R316.5.13	same	R303.5.13	Foam plastic	N	21 IRC changed text: he thermal barrier specified in Section R316.4 is not required to be installed on the walking surface of a structural floor system that contains foam plastic insulation where the foam plastic is covered by not more less than a nominal 1/2-inch-thick (12.7 mm) wood structural panel.	L	L	A			
86	R316.6	SAME	R303.6	Foam plastic Specific approval	N	24 IRC reformatd the text and added text to clarify testing requirements. R303.3 through R303.5 shall be specifically approved on the basis of one of the following approved tests: NFPA 286 with the acceptance criteria of Section R302.9.4, FM 4880, UL 1040 or UL 1715, or fire tests related to actual end-use configurations. Approval shall be based on an approved largescale test reflecting the actual end-use configuration and shall be performed on the finished foam plastic assembly in the maximum thickness intended for use. Assemblies tested shall include seams, joints and other typical details used in the installation of the assembly and shall be tested in the manner intended for use. The approved large-scale test shall comply with one of the following: NFPA 286 with the acceptance criteria of Section R302.9.4, FM 4880, UL 1040 or UL 1715.	L	L	A			
87	R316.8	same	R303.8	Wind resistance.	N	24 IRC added text: installed directly over or under a sheathing...	L	L	A			
88	R317	R317	R304	PROTECTION OF WOOD AND WOOD-BASED PRODUCTS AGAINST DECAY	N	2024 IRC renumbered section R317 to R304 including sub-sections thereof	L	L	A			
89	R317.1	same	R304.1	PROTECTION OF WOOD AND WOOD-BASED PRODUCTS AGAINST DECAY	N	21 IRC REFORMATS the text in item #1 and adds "in crawl spaces or unexcavated areas located within the periphery of the building foundation," "and wood columns where closer than 8 inches (204 mm) to exposed ground." Item #2 adds this text "Wood framing members, including columns , that rest directly on concrete" 21 IRC then adds items #8 and #9 24 IRC RENUMBERS the section and adds text to item #8 to include "decks" and "covering that would prevent prevents moisture" and its Exception : Sawn lumber used in structures buildings located..	L	L	A			
90	R317.3	same	R304.3	Fasteners and connectors in contact with preservative-treated and fireretardant-treated wood.	N	24 IRC added text: The coating weights for zinc-coated fasteners shall be in accordance with ASTM A153. The coating weight for zinc-coated nails shall be in accordance with ASTM A153 Class D or ASTM A641 Class 35. Stainless steel driven fasteners shall be....	L	L	A			

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					Y or N		N=None, L=Low M=Med, H=High	Y or N				
91	R318	same	R305	PROTECTION AGAINST SUBTERRANEAN TERMITES	N	24 IRC RENUMBERS section R318 to R305	L	L	A			
92	R322	same	R306	FLOOD-RESISTANT CONSTRUCTION	Y	2020 MSBC amends by deleting this section and referencing MN Rules Ch. 1335. 24 IRC RENUMBERS Section R322 to R306 R322-1 R306.1 General. See Minnesota Rules, Chapter 1335	L	L	Amend keeping the 2020 MN amendment.			
93	R323	same	R307	Storm Shelters	Y	2020 MSBC amends by deleting this section in it's entirety.	L	L	Amend keeping the 2020 MN amendment.			
94	R319	same	R308	Site address	N	24 IRC RENUMBERS section R319 to R308	L	L	A			
95	R313 R313.1	same	R309 R309.1	Automatic Sprinkler Systems	N	24 IRC RENUMBERS section R313 to R309 and changes the title: SECTION R313 R309 AUTOMATIC FIRE SPRINKLER SYSTEMS R313-1 R309.1 Townhouse automatic fire-sprinkler systems. An automatic residential fire sprinkler system shall be installed in townhouses . 2020 MN amendment changed the exception: Exceptions: <u>1.An automatic residential fire sprinkler system shall not be required to be installed in a two-unit townhouse, unless required by Section R313-4 R309.3.</u> <u>2.An automatic residential fire sprinkler system shall not be required when additions or alterations are made to existing townhouses that do not have an automatic residential fire sprinkler system installed.</u>	L	L	Accept the model code language and changes. Keep the MN amendment deleting "residential fire" in keeping with model code language and renumber reference to R313-4 to R309.3.			
96	R313.1.1	same	R309.1.1	Automatic Sprinkler Systems	Y	21 IRC change the text to read the same as the MN amendment.	L	L	Accept the model code language as written. MN amendment not needed.			
97	R313.2	same	R309.2	Automatic Sprinkler Systems - one and two family	Y	2020 MN amendment: R313-2 R309.2 One- and two-family dwellings automatic fire <u>sprinkler</u> systems. An automatic residential fire sprinkler system shall <u>not be required to be</u> installed in one- and two-family dwellings, <u>unless required by Section R313-4 R309.3.</u>	L	L	Accept the model code renumbering and text deletion and Keep the 2020 MN amendment language.			
98	R313.2.1	SAME	R309.2.1	Automatic Sprinkler Systems	Y	21 IRC change the text to read the same as the MN amendment.	L	L	Accept the model code language as written. MN amendment not needed.			
99	R313.4	SAME	R309.3	Automatic Sprinkler Systems-State licensed facilities	Y	R313.4 State-licensed facilities RENUMBER to R309.3 word "State" and hyphen (-) removed from title because the body of the text addresses all licenses not just State Licensed Facilities (SLF). SLF redirected out of 1309?	L	L	CCP? TABLED pending 1300 and 1305 review and change of requirements.			
100	R313.3	SAME	R309.4	Automatic Sprinkler Systems- Installation requirements	Y	R313.3 Installation requirements RENUMBER to R309.4 In the beginning 2015 MSBC exempted only one-family dwellings, 4500 sft or less from sprink. That is why R313.3 starts requiring only 2-family dwellings then adds townhouses. MN NOW Excludes One and Two family dwellings and 2 unit townhouses therefore only 3 or more unit townhouses require sprink R313-3 R309.4 Installation requirements. When an automatic sprinkler system is required in <u>Townhouse buildings of 3 or more dwelling units two-family dwellings</u> , it shall be installed in accordance with IRC Section P2904 or NFPA 13D <u>and</u> <u>Automatic sprinkler systems required in two-family dwellings and townhouse buildings shall be installed in accordance with the following whichever is more restrictive:</u>	L	L	TABLED pending CCP cleaning up section R313.3			

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					Y or N		N=None, L=Low M=Med, H=High	Y or N				
101	R314, R314.1, R314.1.1	SAME	R310, R310.1, R310.1.1	Smoke alarms	N	24 IRC RENUMBERED and added language as indicated below: SECTION R314 R310 SMOKE ALARMS R314.1 R310.1 General. Smoke alarms shall comply with NFPA 72, and Section R310 <u>and the manufacturer's installation instructions.</u> R314.1.1 R310.1.1 listings. Smoke alarms shall be listed and labeled in accordance with UL 217. Combination smoke and carbon monoxide alarms shall be listed <u>and labeled</u> in accordance with UL 217 and UL 2034.	L	L	Accept the model code language as written. MN amendment not needed.			
102	NA	NA	R310.1.2	Smoke alarms		24 IRC added this new subsection: R310.1.2 Installation. Smoke alarms and combination smoke and carbon monoxide alarms shall be installed in accordance with their listing and the manufacturer's instructions.	L	L	Accept the model code language as written. MN amendment not needed.			
103	R314.2.2	SAME	R310.2.2	Smoke alarms	Y	R314.2.2 Alterations, repairs and additions. An individual dwelling unit shall be equipped with smoke alarms located as required for new dwellings when: 1.Alterations, repairs (including installation or replacement of windows or doors), or additions requiring a building permit occur; or 2.One or more sleeping rooms are added or created in existing dwellings. Exceptions: 1.Work involving the exterior surfaces of dwellings, such as the replacement of roofing or siding, or the addition of an open porch or deck, or chimney repairs. 2.Installation, alteration, or repairs of plumbing, electrical, or mechanical systems.	L	L	Amend keeping the 2020 MN amendment.			
102	R314.3	SAME	R310.3	Smoke alarms - Locations	N	21 IRC Added item #5 24 IRC Added item #6 and RENUMBERED	L	L	Accept the model code language as written. MN amendment not needed.			
103	R314.3.1	same	R310.3.1	Smoke alarms - Locations cooking appl.	N	24 IRC Deletes all numbered items and adds an exception: R314.3.1 R310.3.1 Installation near cooking appliances. Smoke alarms shall not be installed <u>not less than 10 feet (3048 mm) horizontally from a permanently installed cooking appliance.</u> in the following locations unless this would prevent placement of a smoke alarm in a location required by Section R310.3: 1. Ionization smoke alarms shall not be installed less than 20 feet (6096 mm) horizontally from a permanently installed cooking appliance. 2. Ionization smoke alarms with an alarm silencing switch shall not be installed less than 10 feet (3048 mm) horizontally from a permanently installed cooking appliance. 3. Photoelectric smoke alarms shall not be installed less than 6 feet (1828 mm) horizontally from a permanently installed cooking appliance. 4. Smoke alarms listed and marked "helps reduce cooking nuisance alarms" shall not be installed less than 6 feet (1828 mm) horizontally from a permanently installed cooking appliance. <u>Exception: Smoke alarms shall be permitted to be installed not less than 6 feet (1829 mm) horizontally from a permanently installed cooking appliance where necessary to comply with Section R310.3.</u>	L	L	A			
104	R314.4	same	R310.4	Smoke alarms - Interconnection	Y	2020 MN amendment added an exception: <u>Exception: Interconnection of smoke alarms in existing areas shall not be required where alterations or repairs do not result in removal of interior wall or ceiling finishes exposing the structure.</u>	L	L	keep the MN amendment			

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106	R315	same	R311	Carbon Monoxide Alarms	N	2020 MSBC , 2021 Section R315 RENUMBERED in 24 IRC to R311	L	L	A			
107	R315.1.1	same	R311.1.1	CO Alarm LISTINGS	N	R311.1.1 Listings. Carbon monoxide alarms shall be listed and labeled in accordance with UL 2034. Combination carbon monoxide and smoke alarms shall be listed and labeled in accordance with UL 217 and UL 2034.	L	L	A			
108	NA	NA	R311.1.2	INSTALLATION	N	2024 IRC adds a new section dealing with installation: R311.1.2 Installation. Carbon monoxide alarms, and combination carbon monoxide and smoke alarms, shall be installed in accordance with their listing and the manufacturer's instructions.	L	L	ACCEPT the new model code language as written.			
109	R315.2.1	same	R311.2.1	NEW CONST	Y	2020 MRC Amended this section as follows: R315.2.1 New construction. For new construction, carbon monoxide alarms shall be provided in dwelling units where either every one-family dwelling unit, each unit in a two-family dwelling unit, and each townhouse dwelling unit shall be provided with an approved and operational carbon monoxide alarm where one or both of the following conditions exist.	L	L	ACCEPT the new model code language as written. DISCUSSION?			
110	R315.2.2	same	R311.2.2	Alterations, repairs and additions	y	2020 MRC Amended this section 24 IRC added exception #3 " Installation, alteration or repairs of mechanical systems that are not fuel fired. "	L	L	keep the MN amendment as written OR ACCEPT the model code language and add "Electical"?			
111	R315.3	same	R311.3	LOCATION	Y	2020 MRC Added specific distances and required on each level	L	L	KEEP EXISTING MN AMEND			
112	R315.5	same	R311.5	INTERCONNECTIVITY	Y	2020 MRC Deleted the following language: Exception: Interconnection of carbon monoxide alarms in existing areas shall not be required where alterations or repairs do not result in removal of interior wall or ceiling finishes exposing the structure, unless there is an attic, crawl space or basement available that could provide access for interconnection without the removal of interior finishes.	L	L	KEEP EXISTING MN AMEND?			
113	R315.6	same	R311.6	POWER SOURCE	Y	2020 MRC Amended excep. #2: Carbon monoxide alarms installed in existing areas accordance with Section R311.2.2 shall be permitted to be battery powered, provided any alterations or repairs do not result in the removal of interior wall or ceiling finishes exposing the structure.	L	L	KEEP EXISTING MN AMEND?			
114	R315.7	same	R311.7	GENERAL	N	24 IRC changes NFPA 720 to NFPA 72	L	L	ACCEPT the model code language			
115	R304	same	R312	ROOM AREAS	N	RENUMBERED Section R304 to R312	L	L	ACCEPT RENUMBERING			
116	R305	same	R313	CEILING HEIGHT	N	RENUMBERED Section R305 to R313	L	L	ACCEPT RENUMBERING			
117	R305.1	same	R313.1	MIN HGT	Y	2020 MRC Amendment: R305.1 Minimum height, new buildings . Habitable space, hallways, bathrooms, toilet rooms, laundry rooms , and portions of basements containing these spaces shall have a ceiling height of not less than 7 feet (2134 mm). Bathrooms, toilet rooms and laundry rooms shall have a ceiling height of not less than 6 feet 8 inches. The required height shall be measured from the finish floor to the lowest projection from the ceiling. 2020 also deletes Exp. #3. 24 IRC adds a new Exp. #4	L	L	KEEP EXISTING MN AMEND?			
118	R305.1.1	same	R313.1.1	BASEMENTS	Y	2020 MRC Adds " bathrooms, toilet rooms, and laundry rooms and deletes the word "at" from the beginning of the Exception.	L	L	KEEP EXISTING MN AMEND?			

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					Y or N		N=None, L=Low M=Med, H=High	Y or N				
119	NA	NA	R313.1.2	Habitable attics and basements in existing buildings	N	24 IRC adds a new section: <u>R313.1.2 Habitable attics and basements in existing buildings. Where a habitable attic or habitable space in a basement is created in an existing building, ceiling height shall not be less than 6 feet 8 inches (2032 mm). Bathrooms, toilet rooms and laundry rooms shall have a ceiling height of not less than 6 feet 4 inches (1930 mm). Exceptions:</u> <u>1. For rooms with sloped ceilings, the required floor area of the room shall have a ceiling height of not less than 5 feet (1524 mm) and not less than 50 percent of the required floor area shall have a ceiling height of not less than 6 feet 8 inches (2032 mm).</u> <u>2. At beams, girders, ducts or other obstructions, the ceiling height shall be not less than 6 feet 4 inches (1930 mm) from the finished floor.</u>	L	L	ACCEPT the model code language OR Delete "BASEMENTS" in lue of MN AMENDED language in Section R305.2.			
120	R305.2	NA	NA	Alterations to existing building basements	Y	2020 MRC created its own section for alterations to existing basements.	L	L	keep the 2020 MN Amendment and renumber in keeping with section renumbering. <u>R313.2</u>			
121	R325	same	R314	MEZZANINES	N	Section R325 RENUMBERED to R314	L	L	ACCEPT RENUMBERING			
122	R325.1	same	R314.1	general	N	24 IRC adds an exception to this section: <u>Exception: Sleeping lofts in dwelling units and sleeping units shall be permitted to comply with Section R315, subject to the limitations in Section R315.2.</u>	L	L	ACCEPT the model code language			
123	R325.3	same	R314.3	Area limitation	N	21 & 24 IRC made minor Text changes.	L	L	ACCEPT the model code language			
124	R325.5	same	R314.5	Openness	N	24 IRC made the following changes: R325.5 R314.5 Openness. Mezzanines shall be open and unobstructed to the room in which they are located except for walls not more than 36 <u>42</u> inches (914 1067 mm) in height, columns, <u>beams</u> and posts. <u>Exceptions:</u> <u>1. Mezzanines or portions thereof are not required to be open to the room in which they are located, provided that the aggregate floor area of the enclosed space is not greater than 10 percent of the mezzanine area.</u> <u>2. In buildings that are not more than two stories above grade plane and equipped throughout with an automatic sprinkler system in accordance with Section R309, a mezzanine shall not be required to be open to the room in which the mezzanine is located.</u> <u>Exception: Mezzanines, or portions thereof the mezzanines, are not required to be open to the room in which they are located, provided that the aggregate floor area of the enclosed space is spaces on the mezzanine are not greater than 10 percent of the mezzanine area.</u>	L	L	ACCEPT the model code language			
125	NA	NA	R315	SLEEPING LOFTS	N	24 IRC Created a new section R315 Sleeping Lofts	L	L	Accept the model code section as written			
126	R325.6	R326	R316	HABITABLE ATTICS	N	21 IRC separated Habitable attics from Mezzanines and and created a separate section and Renumbered them R326. 24 IRC RENUMBERED R326 to the section R316	L	L	Accept the model code section creation and RENUMBERING			
127	NA	R326.3	R316.3	Story above grade plane	N	24 IRC Amended Exp. #4 as follows: 4. Where a habitable attic is located above a third story, the dwelling unit or townhouse unit shall be equipped with a fire <u>an automatic</u> sprinkler system in accordance with Section P2904 <u>shall be installed in the habitable attic and remaining portion of the townhouse unit or dwelling unit or units located beneath the habitable attic.</u>	L	L	ACCEPT the model code language.			
128	R309	same	R317	GARAGES AND CARPROTS	N	24 IRC RENUMBERED section R309 to R317	L	L	ACCEPT RENUMBERING			
129	R309.1	same	R317.1	floor surface	Y	2020 MRC amended	L	L	Accept the MN Amendment			
130	R309.2	same	R317.2	Carports	Y	2020 MRC amended	L	L	Accept the MN Amendment			
131	R309.3	same	R317.3	flood hazard areas	Y	2020 MRC amended	L	L	Accept the MN Amendment			

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132	R309.4	same	R317.4	automatic garage door openers	Y	2020 MRC amended	L	L	Accept the MN Amendment			
133	R309.5	same	R317.5	Fire sprinklers	Y	2020 MRC amended R309.5 Fire sprinklers. <u>Attached garages of two-family dwellings and 3 or more unit townhouses shall be protected by fire sprinklers and installed in compliance with Section R317.5 R309.4 installation requirements.</u>	L	L	Keep the existing MN amendment with changes CCP required to amend existing amendment to match section R309.			
134	NA	NA	R317.6	Electric vehicle charging systems.	N	24 IRC new section	L	L	DISCUSS			
135	NA	NA	R317.7	Automotive Lifts.	N	24 IRC new section	L	L	DISCUSS			
136	NA	NA	R317.7.1	Installation.	N	24 IRC new sub section	L	L	DISCUSS			
137	R311	same	R318	MEANS OF EGRESS	N	RENUMBERING R311 to R318	L	L	ACCEPT the RENUMBERING			
138	R311.1 & R311.2	same	R318.1 & R318.2		N	<u>Dwellings Dwelling units</u>	L	L	ACCEPT model code change			
139	R311.3.2	same	R318.3.2	Floor elevations at other exterior doors.	Y	2020 MN AMENDMENT 24 IRC revisions R311.3.2 R318.3.2 Floor elevations at other exterior doors. Doors Exterior doors other than the required egress door shall be provided with landings or floors not more than 7-3/4 inches (196 mm) below the top of the threshold. Exception: A top An exterior landing or floor is not required at the exterior doorway where if a stairway less than 30 inches (762 mm) in height of not more than two risers is located on the exterior side of the door, provided that the door does not swing over the stairway. <u>The stairway height shall be measured vertically from the interior floor surface to the finished grade.</u>	L	L	Accept the MN Amendment and 24 IRC revisions			
140	R311.4	same	R318.4	Vertical egress	N	24 IRC changes as follows: R311.4 R318.4 Vertical egress. Egress from basements and habitable levels including habitable attics and basements that	L	L	ACCEPT the model code language			
141	R311.7.1	same	R318.7.1	STAIRWAYS general	Y	2020 MN AMENDED adding " general " to the section heading and added the text with section R311.7.1.1 now R318.7.1.1	L	L	delete the MN amendment and accept the model code language as written.			
142	R311.7.1.1	NA	R318.7.1.1	Stairways serving dwellings or accessory structures.	Y	the 21 IRC added text to R311.7 (R318.7) which encompasses all stairways with 3 exceptions. Exp. #1 uses the negative to mirror the intent of the MN amend. R311.7.1.1 rendering it superfluous. Exp. #2 & #3 those exceptions mirror the MN amend. #1 adding " Nonhabitable " to attics. The current MN amend. Exp.#2 could be kept: 2. 4. Stairs that only provide access to plumbing, mechanical, or electrical equipment.	L	L	CCP Keep the model code language and amend to delete MN amended language and numbering except include current Exp. #2 as Exp. #4.			
143	R311.7.1.2	R311.7.1	R318.7.1	Width	Y	MN renumbered this section; if the above is followed the 24 IRC numbering can be kept. MN amended this section by adding: <u>Handrails shall not project more than 4.5 inches (114 mm) on either side of the stairway and the minimum</u>	L	L	Keep the MN amendment			

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144	R311.7.2	same	R318.7.2	Headroom	Y	2020 MN Amended R311.7.2 Headroom. The <u>minimum</u> headroom in all parts of the stairway shall be not less than 6 feet 8 inches (2032 mm) measured vertically from the sloped line adjoining the tread nosing or from the floor surface of the landing or platform on that portion of the stairway. Exceptions: 1. Where the nosings of treads at the side of a flight extend under the edge of a floor opening through which the stair passes, the floor opening shall not be allowed to project horizontally into the required headroom not more than a maximum of 43/4 inches (121 mm). 2. The minimum headroom for existing buildings shall be in accordance with Section R305.2.2 <u>R313.2.2</u> 3. The headroom for spiral stairways shall be in accordance with Section R311.7.10.1 <u>R318.7.11.1</u>	L	L	Keep the MN amendment			
145	R311.7.3	same	R318.7.3	Vertical rise	N	21 IRC changed 151 inches to 12 feet 7 inches	L	L	ACCEPT model code change			
146	R311.7.5.3	same	R318.7.5.3	NOSINGS	N	24 IRC made text changes and added an Exp. #2	L	L	ACCEPT model code change			
147	R311.7.6	SAME	R318.7.6	Landings for stairways.	N	24 IRC made text changes and added 3 more exceptions: flight of stairs stairway Exceptions: 1. The top landing of an interior stairway , including those in an enclosed garage, shall be permitted to be on the other side of a door located at the top of the stairway A floor or landing is not required at the top of an interior flight of stairs, including stairs in an enclosed garage , provided that a <u>the</u> door does not swing over the stairs. 2. <u>At an enclosed garage, the top landing at the stair shall be permitted to be not more than 73/4 inches (197 mm) below the top of the threshold.</u> 3. <u>At exterior doors, a top landing is not required for an exterior stairway of not more than two risers, provided that the door does not swing over the stairway.</u> 4. <u>Exterior stairways to grade with three or fewer risers serving a deck, porch or patio shall have a bottom landing width of not less than 36 inches (914 mm), provided that the stairway is not the required access to grade serving the required egress door.</u>	L	L	Accept the model code language as written.			
148	R311.7.7	SAME	R318.7.7	Stairway walking surface	N	21 IRC added text and an exception	L	L	Accept the model code language as written.			
149	R311.7.8.1 THRU R311.7.8.6	SAME	NA	HANDRAILS	N	24 IRC DELETED all subsections of R311.7.8 for handrails and moved those provisions to its own new Section R320 HANDRAILS.	L	L	ACCEPT the model code deletion			
150	NA	NA	R318.7.9	Stairways in existing buildings.	N	24 IRC created a new section using R318.7.9 R318.7.9 <u>Stairways in existing buildings. Alterations to existing stairs shall not be required to comply with the requirements of this code where the existing space and construction does not allow a reduction in pitch or slope.</u>	L	L	accept the model code change			
151	R311.7.11.2	SAME	R318.7.12.2	Handrails of alternating tread devices.	N	24 IRC RENUMBERED and made the following changes: Handrails shall be provided on both sides of alternating tread devices and shall comply with <u>Section R320</u> . Sections R320.3 through R320.7 . Handrail height shall be <u>uniform, not less than 30 inches (762 mm) and not more than 34 inches (864 mm)</u> .	L	L	accept the model code change			
152	R311.7.12.2	SAME	R318.7.13.2	Handrails of ship's ladders.	N	24 IRC RENUMBERED and made the following changes: Handrails shall be provided on both sides of ship's ladders and shall comply with <u>Section R320</u> Sections R320.3 through R320.7 . Handrail height shall be <u>uniform, not less than 30 inches (762 mm) and not more than 34 inches (864 mm)</u> .	L	L	accept the model code change			
153	R311.8	SAME	R318.8	RAMPS	N	21 IRC adds text after the heading: Ramps . Where required by this code or provided, ramps shall comply with this section. Exception: Ramps not within or serving a building , porch or deck. 24 IRC RENUMBERED	L	L	accept the model code change			

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154	R311.8.3	SAME	R318.8.3	Handrails required.	N	24 IRC RENUMBERED and made the following changes: R311.8.3 R318.8.3 Handrails shall be provided on not less than one side of ramps exceeding a slope of 1 unit vertical in 12 units horizontal (8.33-percent slope) and shall comply with Section R320.	L	L	accept the model code change			
155	R310	SAME	R319	Emergency escape and rescue opening	N	24 IRC RENUMBERS	L	L	ACCEPT RENUMBERING			
156	R310.1	SAME	R319.1	EEROs required	Y	2020 MN Amends this section ...one or more sleeping rooms, an emergency escape and rescue opening shall be required in each sleeping room. <u>but not be required in adjoining areas of the basement.</u> Emergency escape and rescue... Exceptions: <u>2. Basements or basement bedrooms when the building is protected with an automatic sprinkler system installed in accordance with IRC Section P2904 or NFPA 13D.</u> <u>3. Basements or basement bedrooms where the entire basement area, including all portions of the means of egress to the level of exit discharge, and all areas on the level of exit discharge that are open to the means of egress is protected with an automatic sprinkler system in accordance with IRC Section P2904 or NFPA 13D.</u>	L	L	compare with next line item to decide what stays and what goes			
157	R310.1	SAME	R319.1	EEROs required	y	21 and 24 IRCs add text and exceptions: R310.1 R319.1 Emergency escape and rescue opening required. Basements, habitable attics, <u>the room to which a sleeping loft is open</u> , and every sleeping room shall have not less than one operable emergency escape and rescue opening . Where basements contain one or more sleeping rooms, an emergency escape and rescue opening shall be required in each sleeping room. <u>but not be required in adjoining areas of the basement.</u> Emergency escape and rescue openings shall open directly into a public way <u>, or to a yard or court having a minimum width of 36 inches (914 mm) that opens to a public way.</u> Exceptions: <u>1. Storm shelters and basements Basements</u> used only to house mechanical equipment not exceeding a total floor area of 200 square feet (18.58 m2). <u>2. Storm shelters constructed in accordance with ICC 500.</u> <u>3. 2- Where the dwelling unit or townhouse unit is equipped with an automatic sprinkler system installed in accordance with Section P2904,</u> sleeping rooms in basements shall not be required to have emergency escape and rescue openings provided that the basement has one of the following: <u>3.1. 2-1- One means of egress complying with Section R318 and one emergency escape and rescue opening .</u> <u>3.2. 2-2- Two means of egress complying with Section R318.</u> <u>4.-3- A yard shall not be required to open directly into a public way where the yard opens to an unobstructed path from the yard to the public way . Such path shall have a width of not less than 36 inches (914 mm).</u>	L	L	see above			
158	R310.1.1	SAME	R319.1.1	Operational constraints and opening control devices.	N	21 IRC added the following: Emergency escape and rescue openings shall be operational from the inside of the room without the use of keys, tools or special knowledge. Window opening <u>control devices and fall prevention devices complying with ASTM F2090 shall be permitted for use on windows</u> serving as a required emergency escape and rescue opening <u>and shall be not more than 70 inches (178 cm) above the finished floor.</u>	L	L	accept the model code language			
159	R310.2	SAME	R319.2	Emergency escape and rescue openings.	N	21 IRC added the following: Emergency escape and rescue openings shall have minimum dimensions <u>in accordance with Sections R319.2.1 through R319.2.4.</u>	L	L	accept the model code language			

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1309 Ch. 4 - FOUNDATIONS												
1	R401.1	R401.1	R401.1	Application	N	2024: Table and Section reference renumbered.	L	L	A			
2	R401.4	R401.4	R401.4	Soil Tests	N	2024: Language added for seismic requirements.	L	L	A			
3	R401.4.1	R401.4.1	R401.4.1	Geotechnical Evaluation	N	2024: Table re-formatted - R401.4.1(1) 2024: Table added - R401.4.1(2) - Properties of Soils	H	M	A			
4	R402.2	R402.2	R402.2	Concrete	N	2024: Table re-formatted - R301.2	L	M	A			
5	R402.2	R402.2	R402.2	Concrete	Y	2020: Table R402.2 - Min. compressive strength for footings added - including footnotes g and h.	L	M	AM - Keep 2020			
6	R402.3.1	R402.3.1	R402.3.1	Precast Concrete Foundation Materials	N	2021/2024: Requirement #2 - Change in ASTM test designations - A706M or A996M .	M	L	A			
7	Section R403	Section R403	Section R403	Footings	N	2021/2024: Tables R403.1(1)-R403.1(2)-R403.1(3) updated with more description & construction requirements. Can use with clearspan roof.	H	L	A			
8	R403.1.1	R403.1.1	R403.1.1	Minimum Size	N	2021/2024: Add - min. ftg. size - no less than 12" wide x 6" in depth. Add - direction for crushed stone footings.	H	L	A			
9	R403.1.2	R403.1.2	R403.1.2	Continuous Ftgs. in Seismic Design	N	2024: Language changed and table added for clarification.	H	L	A			
10	R403.1.3.5.1	R403.1.3.5.1	R403.1.3.5.1	Steel Reinforcement	N	2021/2024: Change in ASTM test designations - A706M or A996M .	M	L	A			
11	R403.1.4	R403.1.4	R403.1.4	Minimum Depth	N	2021/2024: Add - Deck footings shall be in accordance with Section R507.3	M	L	A			
12	R403.1.4.1	R403.1.4.1	R403.1.4.1	Frost Protection	Y	2020: Phrased for MN specific requirements - Exceptions deleted.	M	L	AM - Keep 2020			
13	R403.1.6	R403.1.6	R403.1.6	Foundation Anchorage	Y	2020: Phrased to add details/clarity. Update sections referenced.	M	L	AM - Keep 2020			
14	R403.3.3	R403.3.3	R403.3.3	Drainage	N	2021/2024: Referenced sections renumbered.	N	N	A			
15	R403.3.4	R403.3.4	R403.3.4	Termite Protection	N	2021/2024: Referenced sections renumbered.	N	N	A			
16	N/A	N/A	R403.5	Crushed Stone Footings for Cast-in-Place Concrete Foundations	N	2024: Added Section R403.5, Figure R403.5(1), Figure R403.5(2), Figure R403.5(3), Table R403.5	M	M	A			
17	R404.1	R404.1	R404.1	Concrete and Masonry Foundation Walls	Y	2020: Phrased for MN specific requirements. Added table R404.1(1). Needs to be corrected: Concrete completed per Section R404.1.3 and Masonry completed per Section R404.1.2	M	L	AM - Fix & Keep 2020			
18	R404.1.1	R404.1.1	R404.1.1	Design Required	Y	2020: Added exception for cantilevered concrete and masonry foundation walls designed with tables R404.1.1(5), R404.1.1(6), R404.1.1(7)	M	L	AM - Keep 2020			
19	R404.1.2.1	R404.1.2.1	R404.1.2.1	Masonry Foundation Walls	N	2024: Change in numbering of tables. 2021/2024: Rubble stone masonry walls shall not be used in Seismic ..., or in townhouses in Seismic Design Category C.	L	L	A			
20	Tables R404.1.1(1-4)	Tables R404.1.1(1-4)	Tables R404.1.2.1(1-4)	Foundation Walls	N	2021/2024: Added unsupported to maximum wall height column.	L	L	A			
21	Tables R404.1.1(5-7)	N/A	N/A	Cantilevered Concrete and Masonry Foundation Walls	Y	2021/2024: No tables for cantilevered concrete and masonry foundation walls.	M	L	AM - Keep 2020			
22	R404.1.3.3.6	R404.1.3.3.6	R404.1.3.3.6	Form Materials and Form Ties	N	2021/2024: Forms shall be accurately positioned and secured before placing concrete and shall provide sufficient strength to contain concrete during the concrete placement operation.	H	H	A			
23	R404.1.3.3.6.1	R404.1.3.3.6.1	R404.1.3.3.6.1	Stay-in-Place Forms	N	2024: Referenced sections, table and figure updated.	L	L	A			

To be completed by Chair										To be completed by TAG members		
Item No.	2020 Minnesota Code Section	2021 IRC Code Section	2024 IRC Code Section	Subject	Current MN Amend	Description of Change	Safety & Health Value	Cost Impact	Recommendation A - Accept R - Reject AM - Amend or Comments	Recommendation A - Accept R - Reject AM - Amend	TAG Group Consensus	Comments
					Y or N		N=None, L=Low M=Med, H=High	Y or N				
24	R404.1.3.3.7.1	R404.1.3.3.7.1	R404.1.3.3.7.1	Steel Reinforcement	N	2024: ASTM A996 changed to ASTM A996M. 2020/2021/2024: In buildings assigned to Seismic Design Category D0, D1 or D2, reinforcing steel shall comply with the requirements of ASTM A706 for low-alloy steel with a minimum yield strength shall be of 60,000 psi (Grade 60) (414 MPa).	L	L	A			
25	R404.1.3.3.7.2	R404.1.3.3.7.2	R404.1.3.3.7.2	Location of Reinforcement	N	2024: Referenced tables renumbered.	L	L	A			
26	R404.1.3.3.7.6	R404.1.3.3.7.6	R404.1.3.3.7.6	Alternate Grade of Reinforcement and Spacing	N	2024: Referenced table renumbered.	L	L	A			
27	R404.1.4.1	R404.1.4.1	R404.1.4.1	Masonry Foundation Walls	N	2024: Referenced tables renumbered.	L	L	A			
28	R404.1.4.2	R404.1.4.2	R404.1.4.2	Concrete Foundation Walls	N	2024: Referenced tables renumbered.	L	L	A			
29	Figure R404.1.5(1)	Figure R404.1.5.3	Figure R404.1.5.3	Figure	N	2021/2024: Figure R404.1.5.3 - Foundation Wall Clay Masonry Curtain Wall With Concrete Masonry Piers renumbered.	L	L	A			
30	R404.1.5.2	R404.1.5.2	R404.1.5.2	Concrete Wall Thickness	N	2024: Referenced table renumbered.	L	L	A			
31	R404.1.5.3	R404.1.5.3	R404.1.5.3	Pier and Curtain Wall Foundations	N	2021/2024: Referenced figure renumbered.	L	L	A			
32	R404.1.9.1	R404.1.9.1	R404.1.9.1	Pier Cap	N	2024: Referenced section renumbered.	L	L	A			
33	R404.1.9.2	R404.1.9.2	R404.1.9.2	Masonry Piers Supporting Floor Girders	N	2024: Referenced figure renumbered.	L	L	A			
34	R404.1.9.5	R404.1.9.5	R404.1.9.5	Masonry Piers in Flood Hazard Areas	N	2024: Referenced section renumbered.	L	L	A			
35	R404.5.1	R404.5.1	R404.5.1	Design	N	2020/2021/2024: The panel design drawings shall be prepared by a registered design professional where required by the statutes of the jurisdiction in which the project is to be constructed in accordance with Section R106.1. Chapter 1 deleted - add 1300 reference?	L	L	AM ?			
36	R405.1	R405.1	R405.1	Foundation Drainage	N	2024: Referenced table renumbered.	L	L	A			
37	Deleted	R406.1	R406.1	Concrete and Masonry Foundation Dampproofing	Y	2021/2024: Concrete and masonry foundation dampproofing. Section R406.1 deleted in 2020.	L	L	A			
38	R406.2	R406.2	R406.2	Concrete and Masonry Foundation Waterproofing	Y	2020: Exterior foundation walls that retain earth and enclose below grade interior spaces, floors, and crawl spaces shall be waterproofed. Waterproofing shall be installed at a minimum from the top of the footing to the finished grade or in accordance with the manufacturer's installation instructions. 2021/2024: In areas where a high water table or other severe soil-water conditions are known to exist, exterior foundation walls that retain earth and enclose interior spaces and floors below grade shall be waterproofed from the finished grade to the higher of the top of the footing or 6 inches (152 mm) below the top of the basement floor.	L	L	A			
39	R407.1	R407.1	R407.1	Columns	N	2024: Referenced section renumbered.	L	L	A			
40	R407.3	R407.3	R407.3	Columns	N	2020/2021/2024: The columns shall be restrained to prevent lateral displacement at the bottom end. Wood columns shall be not less in nominal size than 4 inches by 4 inches (102 mm by 102 mm). Steel columns shall be not less than 3-inch-diameter (76 mm) Schedule 40 pipe manufactured in accordance with ASTM A53/A53M Grade B or approved equivalent.	L	L	A			

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					Y or N		N=None, L=Low M=Med, H=High	Y or N					
41	R408.1	R408.1	R408.1	Under-Floor Space	N	<p>2020: R408.1-Ventilation: The under-floor space between the bottom of the floor joists and the earth under any building (except space occupied by a basement) shall have ventilation openings through foundation walls or exterior walls. The minimum net area of ventilation openings shall be not less than 1 square foot (0.0929 m²) for each 150 square feet (14 m²) of under-floor space area, unless the ground surface is covered by a Class 1 vapor retarder material. Where a Class 1 vapor retarder material is used, the minimum net area of ventilation openings shall be not less than 1 square foot (0.0929 m²) for each 1,500 square feet (140 m²) of under-floor space area. One such ventilating opening shall be within 3 feet (914 mm) of each corner of the building.</p> <p>2021/2024: R408.1-Moisture control: The under-floor space between the bottom of the floor joists and the earth under any building (except space occupied by a basement) shall comply with Section R408.2 or R408.3.</p>	L	L	A				
42	R408.2	R408.2	R408.2	Under-Floor Space	N	<p>2020/2021/2024: R408.2-Openings for under-floor ventilation: Ventilation openings through foundation or exterior walls surrounding the underfloor space shall be provided in accordance with this section. The minimum net area of ventilation openings shall be not less than 1 square foot (0.0929 m²) for each 150 square feet (14 m²) of under-floor area. One ventilation opening shall be within 3 feet (915 mm) of each external corner of the under-floor space building. Ventilation openings shall be covered for their height and width with any of the following materials provided that the least dimension of the covering shall not exceed 1/4 inch (6.4 mm), and operational louvers are permitted: Materials 1 - 6 are the same.</p> <p>2020: Exception: The total area of ventilation openings shall be permitted to be reduced to 1/1,500 of the under-floor area where the ground surface is covered with an approved Class I vapor retarder material and the required openings are placed to provide cross ventilation of the space. The installation of operable louvers shall not be prohibited.</p> <p>2021/2024: Exceptions:</p> <ol style="list-style-type: none"> The total area of ventilation openings shall be permitted to be reduced to 1/1,500 of the under-floor area where the ground surface is covered with an approved Class I vapor retarder material. Where the ground surface is covered with an approved Class 1 vapor retarder material, ventilation openings are not required to be within 3 feet (915 mm) of each external corner of the under-floor space provided that the openings are placed to provide cross ventilation of the space. 	L	L	A				

