

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 | 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 | | | | |
| 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 |

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| | | | | | Y or N | | N=None, L=Low M=Med, H=High | Y or N | | | | |
| 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 | |
| 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 permanence 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 |

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| | | | | | Y or N | | N=None, L=Low M=Med, H=High | Y or N | | | | |
| 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 |
| 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 |

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| | | | | | Y or N | | N=None, L=Low M=Med, H=High | Y or N | | | | | |
| 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 uninterruptable 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 | |
| 42 | N/A | Section R202 | Section R202 | Definitions | N | 2021/2024: [MP] Building Sewer. | N/A | N/A | Plbg/Mech | AM to delete | Y | defer to 4714 | |
| 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 | |

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| 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 | | |

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| | | | | | Y or N | | N=None, L=Low M=Med, H=High | Y or N | | | | | |
| 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 | |
| 63 | N/A | N/A | Section R202 | Definitions | N | 2024: [RE] Common Areas. Conditioned Floor Area. Conditioned Space. | N/A | N/A | Energy | A | Y | references Ch. 11 | |
| 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. Convector. | N/A | N/A | Plbg/Mech | Delete TABLE | Y | Delete: Contamination. Continuous Waste TABLE: Control, Limit. Control, Primary Safety. Convector. | |
| 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 | |

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|--------------------------|-----------------------------|-----------------------|-----------------------|-------------|------------------|--|--------------------------------|-------------|---|--|---------------------|--|--|
| 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 | | | | | |
| 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 | |
| 82 | Section R202 | Section R202 | Section R202 | Definitions | Y | 2020: [RB] Dwelling. SINGLE-FAMILY. Any building that contains one dwelling unit used, intended, or designed to be built, used, rented, leased, let or hired out to be occupied, or occupied for living purposes. TWO-FAMILY. Any building that contains two separate dwelling units with separation either horizontal or vertical on one lot that is used, intended, or designed to be built, used, rented, leased, let or hired out to be occupied, or occupied for living purposes. TOWNHOUSE. A single-family dwelling unit constructed in a group of two or more attached units in which each unit extends from the foundation to the roof and having open space on at least two sides of each unit. Each single-family dwelling unit shall be considered to be a separate building. Separate building service utilities shall be provided to each single-family dwelling unit when required by other chapters of the State Building Code. 2021/2024: [RB] Dwelling. Any building that contains one or two dwelling units used, intended, or designed to be built, used, rented, leased, let or hired out to be occupied, or that are occupied for living purposes. | H | H | AM - Keep 2020 | TABE: | | TABE to coordinate definitions with Ch 1300 and Ch. 1305 pending their TAG reviews. | |
| 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. | | | | |
| 84 | N/A | Section R202 | Section R202 | Definitions | N | 2021/2024: [MP] DWV. Effective Opening. Elbow | N/A | N/A | Plbg/Mech | | | | |
| 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 | | | | |
| 86 | N/A | N/A | Section R202 | Definitions | N | 2024: [RE] Emittance. Enclosed Reflective Air Space. Energy Rating Index (ERI). | N/A | N/A | Energy | | | | |
| 87 | N/A | Section R202 | Section R202 | Definitions | N | 2021/2024: [RE] Energy Analysis. Energy Cost. Energy Simulation Tool. | N/A | N/A | Energy | | | | |
| 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 | | | | |

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| 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 | | | | |
| 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 | | | |
| 90 | N/A | Section R202 | Section R202 | Definitions | N | 2021/2024: [RE] ERI Reference Design. | N/A | N/A | Energy | | | |
| 91 | N/A | N/A | Section R202 | Definitions | N | 2024: [MP] Excess Flow Valve (EFV). Exterior Masonry Chimney. | N/A | N/A | Plbg/Mech | | | |
| 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 | | | |
| 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 | | | |
| 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 | | | |
| 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 | | | |
| 96 | N/A | Section R202 | Section R202 | Definitions | N | 2021/2024: [MP] Factory-Made Air Duct. | N/A | N/A | Plbg/Mech | | | |
| 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. | | | |
| 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. | | | |
| 99 | N/A | Section R202 | Section R202 | Definitions | N | 2021/2024: [RE] Fenestration Product, Site-Built. | N/A | N/A | Energy | | | |
| 100 | N/A | N/A | Section R202 | Definitions | N | 2024: [RE] F-Factor (Thermal Transmittance). | N/A | N/A | Energy | | | |

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| | | | | | Y or N | | N=None, L=Low M=Med, H=High | Y or N | | | | |
| 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 | | | |
| 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. | | | |
| 103 | N/A | Section R202 | Section R202 | Definitions | N | 2021/2024: [MP] Fireplace Stove. | N/A | N/A | Plbg/Mech | | | |
| 104 | Section R202 | Section R202 | Section R202 | Definitions | N | 2020: [RB] Fire-Retardant-Treated Wood. Pressure-treated lumber and plywood that exhibit reduced surface burning characteristics and resist propagation of fire. Other means during manufacture. A process where the wood raw material is treated with a fire-retardant formulation while undergoing creation as a finished product. Pressure process. A process for treating wood using an initial vacuum followed by the introduction of pressure above atmospheric. 2021: [RB] Fire-Retardant-Treated Wood. Wood products that, when impregnated with chemicals by a pressure process or other means during manufacture, exhibit reduced surface burning characteristics and resist propagation of fire. Other means during manufacture. A process where the wood raw material is treated with a fire-retardant formulation while undergoing creation as a finished product. Pressure process. A process for treating wood using an initial vacuum followed by the introduction of pressure above atmospheric. 2024: [RB] Fire-Retardant-Treated Wood. Wood products that, when impregnated with chemicals by a pressure process or other means during manufacture, exhibit reduced surface burning characteristics and resist propagation of fire. | M | L | A | | | |
| 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 | | | |
| 106 | N/A | N/A | Section R202 | Definitions | N | 2024: [MP] Flame Safeguard. | N/A | N/A | Plbg/Mech | | | |

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| | | | | | Y or N | | N=None, L=Low M=Med, H=High | Y or N | | | | |
| 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 | | | |
| 108 | N/A | N/A | Section R202 | Definitions | N | 2024: [MP] Flashback Arrestor Check Valve. Flood Hazard Area. | N/A | N/A | Plbg/Mech | | | |
| 109 | N/A | Section R202 | Section R202 | Definitions | N | 2021/2024: [MP] Flexible Air Connector. Flood-Level Rim. | N/A | N/A | Plbg/Mech | | | |
| 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 | | | |
| 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 | | | |
| 112 | N/A | N/A | Section R202 | Definitions | N | 2024: [MP] Flue Liner (Lining). | N/A | N/A | Plbg/Mech | | | |
| 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 | | | |
| 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 | | | |
| 115 | N/A | N/A | Section R202 | Definitions | N | 2024: [RE] Fuel Oil. | N/A | N/A | Energy | | | |
| 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 | | | |
| 117 | N/A | Section R202 | Section R202 | Definitions | N | 2021/2024: [RB] Glass Mat Gypsum Panel. A gypsum panel consisting of a noncombustible core primarily of gypsum, surfaced with glass mat partially or completely embedded in the core. | M | M | A | | | |
| 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 | | | |

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| | | | | | Y or N | | N=None, L=Low M=Med, H=High | Y or N | | | | |
| 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. | | | |
| 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 | | | |
| 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 | | | |
| 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 | | | |
| 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. | | | |
| 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 | | | |
| 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 | | | |
| 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 | | | |
| 127 | N/A | N/A | Section R202 | Definitions | N | 2024: [RE] Heat Exchanger. | N/A | N/A | Energy | | | |
| 128 | N/A | Section R202 | Section R202 | Definitions | N | 2021/2024: [RE] Heated Slab. | N/A | N/A | Energy | | | |
| 129 | N/A | Section R202 | N/A | Definitions | N | 2021: [RE] High-Efficacy Light Sources. | N/A | N/A | Energy | | | |
| 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 | | | |
| 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 | | | |

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| 132 | N/A | N/A | Section R202 | Definitions | N | 2024: [MP] Ignition Pilot. | N/A | N/A | Plbg/Mech | | | |
| 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. Impact protective systems are defined as follows: 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 | | | |
| 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 | | | |
| 135 | N/A | Section R202 | Section R202 | Definitions | N | 2021/2024: [RE] Infiltration. | N/A | N/A | Energy | | | |
| 136 | N/A | N/A | Section R202 | Definitions | N | 2024: [MP] Infrared Radiant Heater. | N/A | N/A | Plbg/Mech | | | |
| 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. 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. | M | M | A Referenced sections to track. | | | |
| 138 | N/A | N/A | Section R202 | Definitions | N | 2024: [RE] Intermittent Ignition. Interrupted Ignition. Knee Wall. | N/A | N/A | Energy | | | |
| 139 | N/A | Section R202 | Section R202 | Definitions | N | 2021/2024: [RB] Intermodal Shipping Container. A six-sided steel unit originally constructed as a general cargo container used for the transport of goods and materials. | M | M | A | | | |
| 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 | | | |
| 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. Kitchen shall mean An area used, or designated to be used, for the preparation of food. | L | L | A | | | |
| 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. 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. | | | |
| 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 | | | |

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| | | | | | Y or N | | N=None, L=Low M=Med, H=High | Y or N | | | | |
| 144 | Section R202 | Section R202 | Section R202 | Definitions | N | 2020/2021/2024: [RB] Listed. Equipment, materials, products or services included in a list published by an organization acceptable to the code official and concerned with evaluation of products or services that maintains periodic inspection of production of listed equipment or materials or periodic evaluation of services and whose listing states either that the equipment, material, product or service meets identified standards or has been tested and found suitable for a specified purpose. Terms that are used to identify listed equipment, products, or materials include "listed," "certified," "classified" or other terms as determined appropriate by the listing organization. For the definition applicable in Chapter 11, see Section N1101.6. For the definition applicable in Chapter 24, see Section G2403. | M | L | A Referenced sections to track. | | | |
| 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 | A | | | |
| 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. 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. | | | |
| 147 | Section R202 | Section R202 | Section R202 | Definitions | N | 2020/2021/2024: [RB] Lot. A measured portion or parcel of land considered as a unit having fixed boundaries . | M | M | A | | | |
| 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. The line that bounds a plot of ground described as a lot in the title to the property. | M | M | A | | | |
| 149 | N/A | N/A | Section R202 | Definitions | N | 2024: [RE] Liquid Fuel. Low Slope. | N/A | N/A | Energy | | | |
| 150 | N/A | Section R202 | Section R202 | Definitions | N | 2021/2024: [RE] Low-Voltage Lighting. Manual. | N/A | N/A | Energy | | | |
| 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 | | | |
| 152 | N/A | N/A | Section R202 | Definitions | N | 2024: [MP] Log Lighter. Main Burner. | N/A | N/A | Plbg/Mech | | | |
| 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 (30m2) 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 | 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 | | | | | |
| 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 | | | |
| 155 | N/A | N/A | Section R202 | Definitions | N | 2024: [MP] Meter. Modulating. | N/A | N/A | Plbg/Mech | | | |
| 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. | | | |
| 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 | | | |
| 158 | N/A | N/A | Section R202 | Definitions | N | 2024: [RE] Occupant Sensor Control. Occupiable Space. | N/A | N/A | Energy | | | |
| 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 | | | |
| 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 | | | |
| 161 | N/A | N/A | Section R202 | Definitions | N | 2024: [RE] On-Demand Pilot. On-Site Renewable Energy. | N/A | N/A | Energy | | | |
| 162 | N/A | Section R202 | Section R202 | Definitions | N | 2021/2024: [RE] Opaque Door. Proposed Design. | N/A | N/A | Energy | | | |
| 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 | | | |
| 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 | | | |
| 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 | | | |
| 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 | | | |
| 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 | | | |

| To be completed by Chair | | | | | | | | | | To be completed by TAG members | | |
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| | | | | | Y or N | | N=None, L=Low M=Med, H=High | Y or N | | | | |
| 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 | | | |
| 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 | | | |
| 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 | | | |
| 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 | | | |
| 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 | | | |
| 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. | | | |
| 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 | | | |
| 176 | N/A | Section R202 | N/A | Definitions | N | 2021: [MP] Refrigerating System. | N/A | N/A | Plbg/Mech | | | |
| 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 | | | |
| 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 | | | |
| 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. | | | |
| 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 | | | |
| 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 | | | |

| To be completed by Chair | | | | | | | | | | To be completed by TAG members | | |
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| | | | | | Y or N | | N=None, L=Low M=Med, H=High | Y or N | | | | |
| 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. | | | |
| 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. | | | |
| 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. | | | |
| 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 | | | |
| 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 | | | |
| 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 | | | |
| 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 | | | |
| 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 | | | |
| 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 | | | |
| 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 | | | |
| 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 | | | |
| 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 | | | |

| To be completed by Chair | | | | | | | | | | To be completed by TAG members | | |
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| | | | | | Y or N | | N=None, L=Low M=Med, H=High | Y or N | | | | |
| 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 | | | |
| 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 | | | |
| 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 | | | |
| 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 | | | |
| 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 | | | |
| 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 | | | |
| 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. | | | |
| 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 | | | |
| 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 | | | |
| 203 | N/A | N/A | Section R202 | Definitions | N | 2024: [RE] Testing Unit Enclosure Area. Thermal Distribution Efficiency (TDE). | N/A | N/A | Energy | | | |
| 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 | | | |
| 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 | | | |
| 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 | | | |

| To be completed by Chair | | | | | | | | | | To be completed by TAG members | | |
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| | | | | | Y or N | | N=None, L=Low M=Med, H=High | Y or N | | | | |
| 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 | | | |
| 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 | | | |
| 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 | | | |
| 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 | | | |
| 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 | | | |
| 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 | | | |
| 213 | N/A | N/A | Section R202 | Definitions | N | 2024: [RE] Work Area. | N/A | N/A | Energy | | | |
| 214 | N/A | Section R202 | Section R202 | Definitions | N | 2021/2024: [RE] Ventilation Air. Visible Transmittance (VT). Zone. | N/A | N/A | Energy | | | |
| 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 | | | |
| 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 • m ²) 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 • m ²) 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 | | | |
| 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. | | | |
| 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. | | | |

| To be completed by Chair | | | | | | | | | | To be completed by TAG members | | |
|---------------------------------------|-----------------------------|--------------------------|--------------------------|--|------------------|--|--------------------------------|-------------|--|--|---------------------|----------|
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| | | | | | Y or N | | N=None, L=Low M=Med, H=High | Y or N | | | | |
| 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. | | | |
| 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 | | | |
| 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. | | | |
| 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 | | | |
| 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". | | | |
| 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 | | | |
| 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 | | | |
| 4 | table R301.2(1) | table R301.2 | same | climate and geographical design criteria table | Y | keep the existing Minnesota amendment that amends the table to add specific Minnesota criteria to each column in place of the hyphens (-). The intent being that Minnesota is the jurisdiction of the State Building Code. Also renumber the table in keeping with the IRC renumbering. Delete the "Manual J Design Criteria" portion of the table in keeping with past adoptions of this table. Mechanical TAG Accept the 24 IRC model code table column headings and the renumbering of footnotes for each column. See line items below for changes to the footnotes. Structural TAG. | N | N | Amend; continue the existing MN amendment making changes as determined in the structural TAG (Wind Design Speed may be 110 or 115, all other values remain the same.) Is Mechanical TAG going to delete the Manual J part of the table? | | | |
| 5 | table R301.2(1) footnote a. | table R301.2 footnote a. | table R301.2 footnote a. | climate and geographical 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. | | | |

| 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 | | | | |
| 6 | table R301.2(1) footnote b. | | table R301.2 footnote b. | climate and georapghical 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 | | | |
| 7 | table R301.2(1) footnote c. | | table R301.2 footnote c. | climate and georapghical 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. | | | |
| 8 | table R301.2(1) footnote d. | | table R301.2 footnote d. | climate and georapghical 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. | | | |
| 9 | table R301.2(1) footnote e. | NA | NA | climate and georapghical 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 | | | |
| 10 | table R301.2(1) footnote l. | | table R301.2 footnote f. | climate and georapghical 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. | | | |
| 11 | table R301.2(1) footnote g. | | table R301.2 footnote g. | climate and georapghical 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. | | | |
| 12 | table R301.2(1) footnotes h. | | table R301.2 footnote h. | climate and georapghical 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. | | | |
| 13 | table R301.2(1) footnote i. | | table R301.2 footnote i. | climate and georapghical 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 | | | |
| 14 | table R301.2(1) footnote j. | | table R301.2 footnote j. | climate and georapghical 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 | | | |
| 15 | table R301.2(1) footnote K. | | table R301.2 footnote K. | climate and georapghical 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. | | | |

| 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 | | | | |
| 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. | | | |
| 17 | NA | NA | Table R301.2 | climate and geograpghical design criteria table | Y | Sturctural TAG concensus was to keep the existing 2020 MN amendment to delete the category "Windborne Debris Zone". | M | M | Accept the Sturctural TAG concensus to keep the existing 2020 MN amendment. | | | |
| 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 concensus to keep the existing 2020 MN amendment | | | |
| 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 | | | |
| 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. | | | |
| 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 | | | |
| 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 | | | |
| 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. | | | |
| 24 | MN deleted | NA | figure R301.2(3) | ground snow loads | | Structural TAG reviewed and tabled . | | | TABLE pending Sturctural TAG decision. | | | |
| 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 | | | |
| 26 | table R301.2(3) | table R301.2.1(2) | table R301.2.1(2) | height and exposure adjusment | 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. | | | |
| 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 | | | |
| 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 | | | |

| To be completed by Chair | | | | | | | | | | To be completed by TAG members | | |
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| 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 | | | | |
| 29 | R301.2.1.2.1 | same | deleted | application of ASTM E1996 | N | 2024 IRC deleted this section | N | N | A | | | |
| 30 | R301.2.1.5 | same | same | topographical wind effects | N | 2024 IRC deleted conditions 3 & 4 | N | N | A | | | |
| 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 | | | |
| 32 | R301.2.2 | same | same | seismic provisions | N | 2024 adds language that is not relevant to MN. | N | N | A | | | |
| 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 | | | |
| 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 | | | |
| 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 | | | |
| 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 | | | |
| 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. | | | |
| 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. | | | |
| 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 | | | |

| 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 | | | | |
| 40 | table R301.5 | same | same | min. uniform dist. Live loads | N | 2021 IRC adds a column to the table for Concentrated Loads. It also makes changes to footnotes a. c. d. a. changes square inch area to actual dimensions c. same d. adds text to the end of the footnote: A single concentrated load applied in any direction at any point along the top. <u>For a guard not required to serve as a handrail, the load need not be applied to the top element of the guard in a direction parallel to such element</u> g.2. changes 2 inches to 2 units h. safety factor is deleted and <u>load adjustment factor</u> substituted. i. is a new footnote: i. <u>Where the top of a guard system is not required to serve as a handrail, the single concentrated load shall be applied at any point along the top, in the vertical downward direction and in the horizontal direction away from the walking surface. Where the top of a guard is also serving as the handrail, a single concentrated load shall be applied in any direction at any point along the top. Concentrated loads shall not be applied concurrently.</u> | N | N | A | | | |
| 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 | | | |
| 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 | | | |
| 43 | R302.1 | same | same | Exterior walls | N | 2024 Language added concerning townhouses and separation distances | N | N | A | | | |
| 44 | table R302.1(1) | same | same | Exterior walls | Y | Mn. Added a footnote c | N | N | Accept; continue the existing MN amendment | | | |
| 45 | table R302.1(2) | same | same | Exterior walls | Y | Mn. Added a footnote d | N | N | Accept; continue the existing MN amendment | | | |
| 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 | | | |
| 47 | R302.2.6 | same | same | structural independence | N | 2021 IRC adds a 6th exception for sprinkling | N | N | A | | | |
| 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 | | | |
| 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 | | | |
| 50 | R302.3.1 | R302.3.1 | R302.3.1 | two-family dwellings | N | <u>RENUMBER</u> : Section R302.3.1 is renumbered to R302.3.4. | N | N | A | | | |
| 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 | | | |
| 52 | 1309.0302.3.2 | NA | NA | two-family dwellings | Y | <u>RENUMBERED</u> : 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 | | | |

| To be completed by Chair | | | | | | | | | | To be completed by TAG members | | | |
|--------------------------|-----------------------------|-----------------------|-----------------------|---|------------------|--|--------------------------------|-------------|---|--------------------------------|--|---------------------|----------|
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| | | | | | Y or N | | N=None, L=Low M=Med, H=High | Y or N | | | | | |
| 53 | NA | NA | R302.3.2 | two-family dwellings | N | This new section addresses the Fire-resistance rating of dwelling separations | N | N | A | | | | |
| 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 | | | | |
| 55 | NA | NA | R302.3.3.1 | two-family dwellings | N | a new sub section that adds HORIZONTAL ASSEMBLIES language that require that they betight against exterior walls or vertical separation assemblies complying with Section 302.3.2. | M | L | A | | | | |
| 56 | NA | NA | R302.3.3.2 | two-family dwellings | N | a new sub section that adds VERTICAL ASSEMBLIES language that require that they be tight against the following: 1. The foundation. 2. A horizontal assembly complying with Section R302.3.3. 3. The underside of roof sheathing. 4. The ceiling beneath an uninhabitable attic, see requirements. | M | L | A | | | | |
| 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 | | | | |
| 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 | | | | |
| 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 | | | | |
| 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 | | | | |
| 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 | | | | |
| 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 | | | | |
| 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 | | | | |
| 64 | 1309.0302.3.2 | NA | 1309.0302.3.7 | two- family dwelling sound transmission | Y | REUNBERED: 1309.0302.3.2 will be remunbered 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 | | | | |
| 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 | | | | |
| 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 | | | | |
| 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 | | | | |
| 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 | | | | |
| 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 | | | | |

| 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 | | | | |
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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 | | | |

| 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 | | | | | |
| 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 | | | | |
| 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 the 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 | | | | |

| To be completed by Chair | | | | | | | | | | To be completed by TAG members | | |
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| | | | | | Y or N | | N=None, L=Low M=Med, H=High | Y or N | | | | |
| 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 | | | |
| 41 | R408.1 | R408.1 | R408.1 | Under-Floor Space | N | 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. 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. | L | L | A | | | |

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| | | | | | Y or N | | N=None, L=Low M=Med, H=High | Y or N | | | | |
| 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"> 1. 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. 2. 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 | | | |

