

New Changes in the 2024 International Code TAG Review Worksheet

Model Code: 2024 IBC

Minnesota Rule 1305										To be completed by TAG			
Item No.	Minnesota Code Section	2021 "I" Code Section	2024 "I" 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	Stakeholder Consensus	Comments
					Y or N		N=None, L=Low M=Med, H=High	Y or N			Y or N		
CHAPTER 11 ACCESSIBILITY													
517						MN amendments and changes to Chapter 11 of the IBC will be addressed by the MN Accessibility Code TAG for MN Chapter 1341.			If anyone is interested in Accessibility, the 1341 TAG's next meeting is scheduled for Wednesday May 22 at 9:00. You can find more information on our website.				
CHAPTER 12 INTERIOR ENVIRONMENT													
518	1201.1	same	same as 2021	Scope	N	2024 IBC added: enhanced classroom acoustics, interior space dimensions, access to unoccupied spaces, toilet and bathroom requirements and ultraviolet germicidal irradiation systems and removed surrounding materials and rodentproofing.	N	N		A			Not reviewed by TAG. Listed for tracking purposes only. Non-substantial or editorial only changes.
519	1202.1	same	same as 2021	General	Y	MN amendment to direct compliance to 1346 MMC and 1322 and 1323 as applicable. Added 2 exceptions for non human occupancy and Group U occupancies. IBC reworded compliance with IECC.	N	N	Retain amendment as written	A			
520	1202.3	same	same as 2021	Unvented attic and unvented enclosed rafter assemblies	N	2021 IBC updated item 5 requiring compliance with 5.1 or 5.2 and 5.3. Item 5.2 applies only to climate zones 1, 2, and 3. Item 5.3: <i>The air shall be supplied from ductwork providing supply air to the occupiable space when the conditioning system is operating. Alternatively, the air shall be supplied by a supply fan when the conditioning system is operating. Where preformed insulation board is used as the air-impermeable insulation layer, it shall be sealed at the perimeter of each individual sheet interior surface to form a continuous layer.</i> 2024 IBC changed R-values to R-percentages.	N	N		A			
521	T 1202.3	same	same as 2021	Insulation for condensation control	N	IBC changed R-values to percentages	N	N		A			
522	1206.2	same	same as 2021	Airborne sound	N	21 IBC added and updated testing options. 24 IBC added: Engineering analysis shall be performed by a registered design professional	N	N		A			Not reviewed by TAG. Listed for tracking purposes only. Non-substantial or editorial only changes.
523	1206.3	same	same as 2021	Structure borne sound	N	21 IBC added and updated testing options. 24 IBC added: Engineering analysis shall be performed by a registered design professional	N	N		A			Not reviewed by TAG. Listed for tracking purposes only. Non-substantial or editorial only changes.
524		1207, 1207.1, 1207.2	same as 2021	Enhanced classroom acoustics	N	2021 IBC new sections: 1207.1 General. Enhanced classroom acoustics, where required by this section, shall comply with Section 808 of ICC A117.1. 1207.2 Where required. In Group E occupancies, enhanced classroom acoustics shall be provided in all classrooms with a volume of 20,000 cubic feet (566 m3) or less.	N	N		A			
525	1207 all	1208 all	same as 2021	Interior space dimensions	N	New section number	N	N		A			Not reviewed by TAG. Listed for tracking purposes only. Non-substantial or editorial only changes.

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526			1208.3	Dwelling unit size	N	2024 IBC new section: 1208.3 Dwelling unit size. Dwelling units shall have a minimum of 190 square feet (17.7 m2) of habitable space.							
527	1207.3	1208.3	1208.4	Room area	N	2024 IBC added the term sleeping units							
528	1207.4	1208.4	1208.5	Efficiency dwelling units	N	IBC updated item 1 for compliance with sections 1208.1 through 1208.4. Updated item 3 for other than Accessible, Type A and Type B units							
529	1208 all	1209 all	same as 2021	Access to unoccupied spaces	N	New section number	N	N		A			Not reviewed by TAG. Listed for tracking purposes only. Non-substantial or editorial only changes.
530	1209 all	1210 all	same as 2021	Toilet and bathroom requirements	Y	New section number	N	N		A			Not reviewed by TAG. Listed for tracking purposes only. Non-substantial or editorial only changes.
531	1209.2.1	1210.2.1	same as 2021	Floors and wall bases	Y	MN amendment adds specific material examples for floor finish	N	N	Retain amendment	A			
532	1209.2.2	1210.2.2	same as 2021	walls and partitions	N	IBC changed 'accessible to the public' to 'for use by the general public'	N	N		A			Not reviewed by TAG. Listed for tracking purposes only. Non-substantial or editorial only changes.
534			1210.2.3	Adult changing table surround	N	2024 IBC new section: 1210.2.3 Adult changing table surround. Walls and partitions within 2 feet (610 mm) measured horizontally from each end of the adult changing table and to a height of not less than 72 inches (1829 mm) above the floor shall have a smooth, hard, nonabsorbent surface, and except for structural elements, the materials used in such walls shall be of a type that is not adversely affected by moisture.	N	N		A			
535	1209.3	1210.3	same as 2021	Privacy	N	2021 IBC updates language to clarify privacy requirements. <i>Public restrooms shall be visually screened from outside entry or exit doorways to ensure user privacy within the restroom. This provision shall also apply where mirrors would compromise personal privacy. Privacy at water closets and urinals shall be provided in accordance with Sections 1210.3.1 and 1210.3.2. Exception: Visual screening shall not be required for single-occupant toilet rooms with a lockable door.</i>	N	N		A			
536			1211	UV germicidal irradiation systems	N	2024 IBC new sections: 1211.1 General. <i>Where ultraviolet (UV) germicidal irradiation systems are provided, they shall be listed and labeled in accordance with UL 8802 and installed in accordance with their listing and the manufacturer's instruction.</i>	N	N		A			
CHAPTER 13 ENERGY EFFICIENCY													
537						MN Energy code will be discussed within the MN Energy Code TAG.							
CHAPTER 14 EXTERIOR WALLS													

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538	1401.1	same	same as 2021	Scope	N	2024 IBC updated to include exterior wall assemblies and exterior soffits and fascias.	N	N		A				Not reviewed by TAG. Listed for tracking purposes only. Non-substantial or editorial only changes.
539	1402.2	same	same as 2021	Weather protection	N	2024 IBC updates the term 'exterior wall envelope' to 'exterior wall assembly'. Also added a testing standard to exception 2.	N	N		A				Not reviewed by TAG. Listed for tracking purposes only. Non-substantial or editorial only changes.
540	1402.3	same	same as 2021	Wind resistance	N	2024 IBC updated section title from 'structural' to 'wind resistance' and added compliance requirements for exterior wall coverings, exterior soffits and fascias	N	N		A				Not reviewed by TAG. Listed for tracking purposes only. Non-substantial or editorial only changes.
541		1403.14	1402.3.1	Attachments through exterior insulation	N	IBC new section: Attachments through exterior insulation. Where exterior wall coverings are attached to the building structure through exterior continuous insulation, furring and attachments through the exterior insulation shall be designed to resist design loads determined in accordance with Chapter 16, including support of cladding weight as applicable. Exterior wall coverings attached to the building structure through foam plastic insulating sheathing shall comply with the attachment requirements of Section 1404.5.1, 1404.5.2 or 1404.5.3.	N	N		A				
542			1402.5	Vertical and lateral flame propagation		2024 IBC new section: Exterior walls on buildings of Type I, II, III and IV construction that contain a combustible exterior wall covering, combustible insulation or a combustible water-resistive barrier shall comply with Sections 1402.5.1 through 1402.5.5, as applicable. Where compliance with NFPA 285 and associated acceptance criteria is required in Sections 1402.5.1 through 1402.5.5, the exterior wall assembly shall be tested in accordance with and comply with the acceptance criteria of NFPA 285.	N	N		A				
543			1402.5.1	Combustible water-resistive barrier		2024 IBC new section: Exterior walls containing a combustible water-resistive barrier shall comply with Section 1402.6.	N	N		A				
544			1402.5.2	Metal composite material		2024 IBC new section: Exterior walls containing metal composite material (MCM) systems shall comply with Section 1406.	N	N		A				
545			1402.5.3	Exterior insulation and finish system		2024 IBC new section: Exterior walls containing an exterior insulation and finish system (EIFS) shall comply with Section 1407.	N	N		A				
546			1402.5.4	High-pressure decorative exterior-grade compact laminate system		2024 IBC new section: Exterior walls containing a high-pressure decorative exterior-grade compact laminate (HPL) system shall comply with Section 1408.	N	N		A				
547			1402.5.5	Foam plastic insulation		2024 IBC new section: Exterior walls containing foam plastic insulation shall comply with Section 2603.	N	N		A				

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548	1402.5	1402.5	1402.6	Water-resistive barriers	Y	MN amendment has deleted this entire section when it was titled Vertical and lateral flame propagation (no reference to deletion was found) 2021 IBC changed the title to water-resistive barriers and added two conditions for Excpetion 2: 2.1 A peak heat release rate of less than 150 kW/m2, a total heat release of less than 20 MJ/m 2 and an effective heat of combustion of less than 18 MJ/kg when tested on specimens at the thickness intended for use, in accordance with ASTM E1354, in the horizontal orientation and at an incident radiant heat flux of 50 kW/m 2. 2.2 A flame spread index of 25 or less and a smoke-developed index of 450 or less as determined in accordance with ASTM E84 or UL 723, with test specimen preparation and mounting in accordance with ASTM E2404.			Discuss MN deletion				
549			1402.7	Exterior wall veneers manufactured using combustible adhesives.		2024 IBC new section: Exterior wall assemblies on buildings of Type I, II, III or IV construction that are greater than 40 feet (12 192 mm) in height above grade plane and contain an exterior wall veneer manufactured using a combustible adhesive to laminate a metal core with noncombustible facing materials shall be tested in accordance with, and comply with, the acceptance criteria of NFPA 285, with the adhesive level at the maximum application rate intended for use. Combustibility shall be determined in accordance with Section 703.3.	N	N		A			
550			1402.8	Vertical and lateral flame propagation compliance methods		2024 IBC new section: When exterior wall assemblies are required in this chapter to be tested for vertical and lateral flame propagation in accordance with and comply with the acceptance criteria of NFPA 285, compliance with the requirements shall be established by any of the following: 1. An exterior wall assembly tested in accordance with and meeting the acceptance criteria of NFPA 285. 2. An exterior wall assembly design listed by an approved agency for compliance with NFPA 285. 3. An approved analysis based on an assembly or condition tested in accordance with and meeting the acceptance criteria of NFPA 285.	N	N		A			
551	1403.2	same	same as 2021	Water-resistive barriers	N	2021 IBC adds types of water-resistive barriers allowed and testing requirements. 2024 IBC adds language for intersections with flashing and continuity.	N	N		A			
552	1403.8	1403.8		Plastics	N	2024 IBC deleted section	N	N		A			

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553	1403.9 - 1403.13	1403.8-1403.14	1403.8-1403.14	multiple	N	renumbering	N	N		A			Not reviewed by TAG. Listed for tracking purposes only. Non-substantial or editorial only changes.
554			1403.13	Fiber-mat reinforced cementitious backer units		2024 IBC new section: Fiber-mat reinforced cementitious backer units used as an exterior substrate for the application of exterior finish materials shall comply with ASTM C1325.	N	N		A			
555			1403.14	Insulated vinyl siding		2024 IBC new section: Insulated vinyl siding shall be certified and labeled as conforming to the requirements of ASTM D7793 by an approved agency .	N	N		A			
556			1404.1.1	Soffits and fascias		2024 IBC new section: Soffits and fascias installed as part of roof overhangs shall comply with Section 1412.	N	N		A			Not reviewed by TAG. Listed for tracking purposes only. Non-substantial or editorial only changes.
557	T 1404.2	same	same as 2021	Minimum thickness of weather coverings	N	IBC updated some thicknesses and added 'Fiber mat reinforced cementitious backer units'	N	N		A			Not reviewed by TAG. Listed for tracking purposes only. Non-substantial or editorial only changes.
558	1404.3	same	same as 2021	Vapor retarders	N	2021 and 2024 IBC significantly rearranged and updated the entire 1404.3 sections pertaining to vapor retarders and all associated tables, new tables and sections were added and some existing sections deleted.	N	N	No MN amendments associated with vapor retarders or sections in 1403.	A			
559	1404.4	same	same as 2021	Flashing	N	2021 IBC added: <i>surface of the exterior wall finish or to a water-resistive barrier complying with Section 1403.2 and that is part of a means of drainage complying with Section 1402.2.</i> 2024 IBC updated section references.							
560			1404.4.1	Fenestration flashing		2024 IBC new section: Flashing of the fenestration to the wall assembly shall comply with the fenestration manufacturer's instructions or, for conditions not addressed by the fenestration manufacturer's instructions, shall comply with one of the following: 1. The water-resistive barrier manufacturer's flashing instructions. 2. The flashing manufacturer's flashing instructions. 3. A flashing design or method of a registered design professional . 4. Other approved methods.	N	N		A			
561	1404.4.1	same	1404.4.2	Exterior wall pockets	N	renumbering	N	N		A			Not reviewed by TAG. Listed for tracking purposes only. Non-substantial or editorial only changes.

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562	1404.4.2	1404.4.2	1404.4.3	Masonry	Y	MN amendment has different language for the location of weepholes. Flashing and weepholes in anchored veneer shall be located above finished ground level above the foundation wall or slab, and other points of support, including structural floors, shelf angles and lintels where anchored veneers are designed in accordance with Section 1404.6. IBC : Flashing and weep holes in anchored veneer designed in accordance with Section 1404.6 shall be located not more than 10 inches (245 mm) above finished ground level above the foundation wall or slab. At other points of support including structural floors, shelf angles and lintels, flashing and weep holes shall be located in the first course of masonry above the support.	N	N	Review with model code language.	A			
563	1404.17	1404.17	1404.5	Fastening.	N	2024 IBC updated section to reference only exterior wall coverings and not weather boarding. Added multiple subsections on claddings or foam plastic from Chapter 26.	N	N		A			Not reviewed by TAG. Listed for tracking purposes only. Non-substantial or editorial only changes.
564	2306.11	same	1404.5.1	Cladding attachment over foam sheathing to masonry or concrete wall construction	N	relocated	N	N		A			Not reviewed by TAG. Listed for tracking purposes only. Non-substantial or editorial only changes.
565	2603.12	same	1404.5.2	Cladding attachment over foam sheathing to cold-formed steel framing	N	relocated	N	N		A			Not reviewed by TAG. Listed for tracking purposes only. Non-substantial or editorial only changes.
566	2603.12.1	same	1404.5.2.1	Direct attachment	N	relocated	N	N		A			Not reviewed by TAG. Listed for tracking purposes only. Non-substantial or editorial only changes.
567	T 2603.12.1	same	T 1404.5.2.1	Cladding minimum fastening...	N	relocated	N	N		A			Not reviewed by TAG. Listed for tracking purposes only. Non-substantial or editorial only changes.
568	2603.12.2	same	1404.5.2.2	Furred cladding attachment	N	relocated	N	N		A			Not reviewed by TAG. Listed for tracking purposes only. Non-substantial or editorial only changes.
569	T 2603.12.2	same	T 1404.5.2.2	Furring minimum fastening...	N	relocated	N	N		A			Not reviewed by TAG. Listed for tracking purposes only. Non-substantial or editorial only changes.
570	2603.13	same	1404.5.3	Cladding attachment over foam sheathing to wood framing	N	relocated	N	N		A			Not reviewed by TAG. Listed for tracking purposes only. Non-substantial or editorial only changes.
571	2603.13.1	same	1404.5.3.1	Direct attachment	N	relocated	N	N		A			Not reviewed by TAG. Listed for tracking purposes only. Non-substantial or editorial only changes.
572	T 2603.13.1	same	T 1404.5.3.1	Cladding minimum fastening...	N	relocated. Updated footnote b.	N	N		A			Not reviewed by TAG. Listed for tracking purposes only. Non-substantial or editorial only changes.
573	2603.13.2	same	1404.5.3.2	Furred cladding attachment	N	relocated	N	N		A			Not reviewed by TAG. Listed for tracking purposes only. Non-substantial or editorial only changes.

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574	T 2603.13.2	same	T 1404.5.3.2	Furring minimum fastening...	N	relocated. Updated footnote c.	N	N		A				Not reviewed by TAG. Listed for tracking purposes only. Non-substantial or editorial only changes.
575	1404.5 - 1404.10.1.7	same	1404.6 - 1404.11.1.7	multiple	N	renumbering	N	N		A				Not reviewed by TAG. Listed for tracking purposes only. Non-substantial or editorial only changes.
576	1404.10.2	same	1404.11.2	Exterior adhered masonry veneers-porcelain tile	N	2021 IBC updated section with new limits on weight and square footage.	N	N		A				Not reviewed by TAG. Listed for tracking purposes only. Non-substantial or editorial only changes.
577	1404.10.3 - 1404.13.1	same	1404.11.3 - 1404.14.1	multiple	N	renumbering	N	N		A				Not reviewed by TAG. Listed for tracking purposes only. Non-substantial or editorial only changes.
578	1404.14	same	1404.15	Vinyl siding	N	IBC updated to include insulated vinyl siding and updated structural and wind installation requirements	N	N		A				Not reviewed by TAG. Listed for tracking purposes only. Non-substantial or editorial only changes.
579	1404.14.1	1404.14.1 - 1404.14.1.3	1404.15.1 - 1404.15.1.3	Application	N	2021 IBC updated section and broke out requirements to three new subsections	N	N		A				Not reviewed by TAG. Listed for tracking purposes only. Non-substantial or editorial only changes.
580			1404.15.2	Installation over foam plastic insulating sheathing		<p>2024 IBC new section: <i>Where vinyl siding or insulated vinyl siding is installed over foam plastic insulating sheathing, the vinyl siding or insulated vinyl siding shall comply with Section 1404.15 and shall have a wind load design pressure rating in accordance with Table 1404.15.2.</i></p> <p><i>Exceptions:</i></p> <p>1. <i>Where the foam plastic insulating sheathing is applied directly over wood structural panels, fiberboard, gypsum sheathing or other approved backing capable of independently resisting the design wind pressure, the vinyl siding or insulated vinyl siding shall be installed in accordance with Section 1404.15.1.</i></p> <p>2. <i>Where the vinyl siding or insulated vinyl siding manufacturer's product specifications provide an approved wind load design pressure rating for installation over foam plastic insulating sheathing, use of this wind load design pressure rating shall be permitted and the siding shall be installed in accordance with the manufacturer's installation instructions.</i></p> <p>3. <i>Where the foam plastic insulating sheathing and its attachment has a design wind pressure resistance complying with Sections 1609 and 2603.10, the vinyl siding or insulated vinyl siding shall be installed in accordance with Section 1404.15.1.</i></p>	N	N		A				Not reviewed by TAG. Listed for tracking purposes only. Non-substantial or editorial only changes.
581			T 1404.15.2	Required minimum wind load design...		2024 IBC new table.	N	N		A				Not reviewed by TAG. Listed for tracking purposes only. Non-substantial or editorial only changes.

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582	1404.15 - 1404.18	same	1404.16 - 1404.18	multiple	N	renumbering	N	N		A				Not reviewed by TAG. Listed for tracking purposes only. Non-substantial or editorial only changes.
583			1404.18.1	Installation	N	2024 IBC new section: Polypropylene siding and accessories shall be installed over and attached to wood structural panel sheathing with nailable substrate not less than 7/16 inch (11.1 mm) in thickness or other substrate suitable for mechanical fasteners in accordance with the approved manufacturer's instructions.	N	N		A				Not reviewed by TAG. Listed for tracking purposes only. Non-substantial or editorial only changes.
584			1404.18.2	Fastener requirements	N	2024 IBC new section: Unless otherwise specified in the approved manufacturer's instructions, nails shall be corrosion resistant, with a minimum 0.120-inch (3 mm) shank and a minimum 0.313-inch (8 mm) head diameter. Nails shall be not less than 11/4 inches (32 mm) long or as necessary to penetrate sheathing or nailable substrate not less than 3/4 inch (19.1 mm). Where the nail fully penetrates the sheathing or nailable substrate, the end of the fastener shall extend not less than 1/4 inch (6.4 mm) beyond the opposite face of the sheathing or nailable substrate. Spacing of fasteners shall be installed in accordance with the approved manufacturer's instructions.	N	N		A				Not reviewed by TAG. Listed for tracking purposes only. Non-substantial or editorial only changes.
585			1404.19	Fiber-mat reinforced cementitious backer units	N	2024 IBC new section: Fiber-mat reinforced cementitious backer units shall be permitted on exterior walls and shall meet the requirements of Section 1404.19.1.	N	N		A				Not reviewed by TAG. Listed for tracking purposes only. Non-substantial or editorial only changes.
586			1404.19.1	Installation	N	2024 IBC new section: Installation of fiber-mat reinforced cementitious backer units used as an exterior substrate for the application of exterior finish materials shall be in accordance with backer unit manufacturer's installation instructions. Panels shall be installed using corrosion-resistant fasteners. Finish materials shall be installed in accordance with approved finish material manufacturer's instructions.	N	N		A				Not reviewed by TAG. Listed for tracking purposes only. Non-substantial or editorial only changes.
587	1405.1.1	same	same as 2021	Types I, II, II, and IV-HT construction		2024 IBC added exceptions to item 2 directing compliance to specific sections	N	N		A				Not reviewed by TAG. Listed for tracking purposes only. Non-substantial or editorial only changes.
588	1406.2	same	same as 2021	Exterior covering	N	2021 IBC changed the term finish to covering	N	N		A				Not reviewed by TAG. Listed for tracking purposes only. Non-substantial or editorial only changes.
589	1406.8	same	same as 2021	Fire resistance rating	N	2021 IBC updated the exception to clarify MCM systems 'that are part of an exterior wall envelope'. 2024 IBC updated to 'assembly'	N	N		A				Not reviewed by TAG. Listed for tracking purposes only. Non-substantial or editorial only changes.
590	1406.10	same	same as 2021	Types I, II, II, and IV construction	N	2021 IBC updated for installations up to 40 feet and added sections for specific compliance	N	N		A				Not reviewed by TAG. Listed for tracking purposes only. Non-substantial or editorial only changes.

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591	1406.10.2	same	same as 2021	Thermal barriers	N	2021 IBC added to exceptions: 1. The MCM system is specifically approved based on tests conducted in accordance with NFPA 286 and with the acceptance criteria of Section 803.1.1.1, UL 1040 or UL 1715. Such testing shall be performed with the MCM in the maximum thickness intended for use. The MCM system shall include seams, joints and other typical details used in the installation and shall be tested in the manner intended for use. 2. The MCM is used as elements of balconies and similar projections, architectural trim or embellishments.	N	N		A				Not reviewed by TAG. Listed for tracking purposes only. Non-substantial or editorial only changes.
592	1406.10.3	deleted	deleted		N	IBC moved section to the exception in 1406.10.2	N	N		A				Not reviewed by TAG. Listed for tracking purposes only. Non-substantial or editorial only changes.
593	1406.10.4	1406.10.3	same as 2021	full scale tests	N	renumbering	N	N		A				Not reviewed by TAG. Listed for tracking purposes only. Non-substantial or editorial only changes.
594	1406.11 - 1406.11.4.4	deleted	deleted	alternate conditions (MCM)	N	sections all deleted	N	N		A				Not reviewed by TAG. Listed for tracking purposes only. Non-substantial or editorial only changes.
595	1406.12 - 1406.14	1406.11 - 1406.13	same as 2021	multiple	N	renumbering	N	N		A				Not reviewed by TAG. Listed for tracking purposes only. Non-substantial or editorial only changes.
596			1407.5	Exterior walls of buildings of any height (EFIS)	N	IBC new section directing compliance to Section 2603.5	N	N		A				Not reviewed by TAG. Listed for tracking purposes only. Non-substantial or editorial only changes.
597	1408.10.3	same	same as 2021	Thermal barrier not required	N	IBC added tests in accordance with NFPA 286 and Section 803.1.1.1	N	N		A				Not reviewed by TAG. Listed for tracking purposes only. Non-substantial or editorial only changes.
598	1408.11.1	same	same as 2021	Installations up to 40 feet in height	N	IBC changed language to 'permitted to be installed up to 40 feet'	N	N		A				Not reviewed by TAG. Listed for tracking purposes only. Non-substantial or editorial only changes.
599	1408.11.2 - 1408.11.2.2	deleted	deleted			IBC deleted	N	N		A				Not reviewed by TAG. Listed for tracking purposes only. Non-substantial or editorial only changes.
600			1409 all	Insulated metal panel (IMP)		2024 IBC new section - multiple new sections for insulated metal panels	N	N		A				
601	1409 all	same	1410 all	Plastic composite decking	N	renumbered	N	N		A				Not reviewed by TAG. Listed for tracking purposes only. Non-substantial or editorial only changes.
602			1411 all	Building-integrated photovoltaic (BIPV) systems for exterior wall coverings and fenestration		2024 IBC new section - multiple new sections for BIPV	N	N		A				
603			1412 all	Soffits and fascias at roof overhangs		2024 IBC new section - multiple new sections for soffits and fascias	N	N		A				

New Changes in the 2024 International Code TAG Review Worksheet

Model Code: 2024 IBC

Minnesota Rule 1305											To be completed by TAG			
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					Y or N		N=None, L=Low M=Med, H=High	Y or N				Y or N		
CHAPTER 15 ROOF ASSEMBLIES AND ROOFTOP STRUCTURES														
604	1502.1	same	same as 2021	Roof drainage	Y	MN directs compliance to 4714 MN plumbing code. IBC has added compliance with chapter 16.	N	N	Retain amendment	AM				
605	1502.1.1			Where required	Y	MN specific for draining into a storm system or approved palce	N	N	Retain amendment	A				
606	1502.1.2			Roof design	Y	MN specific for designed for ponding	N	N	Retain amendment	A				
607	1502.2	same	same as 2021	Secondary drainage required	Y	MN specific with subsections. IBC added compliance with chapter 16	N	N	Retain amendment	A				
608	1502.2.1			Separate system required	Y	MN specific for drainage requirements of secondary systems	N	N	Retain amendment	A				
609	1502.2.2			Sizing of secondary drains	Y	MN specific for compliance with 4714 MN plumbing code	N	N	Retain amendment	A				
610	1502.2.3			Sizing of scuppers	Y	MN specific section with Table	N	N	Retain amendment	A				
611	1502.3	same	deleted	Scuppers	Y	MN deleted section. 2024 IBC has deleted section.	N	N	Repeal	AM				
612	1502.4	same	1502.3	Gutters	N	Renumbered	N	N		A				Not reviewed by TAG. Listed for tracking purposes only. Non-substantial or editorial only changes.
613	1503.3	same	same as 2021	Parapet walls	N	2021 IBC changed the title from 'coping' to 'parapet walls'. Directs compliance with 1503.3.1 and 1503.3.2 and provide positive drainage. Adds 2 sub sections.	N	N		A				
614		1503.3.1	same as 2021	Fire resistance rating parapet walls	N	2021 IBC new section: Parapet walls required by Section 705.11 shall be coped or covered with weatherproof materials of a width not less than the thickness of the parapet wall such that the fire-resistance rating of the wall is not decreased.	N	N		A				
615		1503.3.2	same as 2021	Other parapet walls	N	2021 IBC new section: Parapet walls meeting one of the exceptions in Section 705.11 shall be coped or covered with weatherproof materials of a width not less than the thickness of the parapet wall .	N	N		A				
616	1503.4	same	same as 2021	Attic and rafter ventilation	N	2024 IBC adds attic and enclosed rafter spaces and adds and exception for unvented attics in accordance with 1202.3	N	N		A				
617	1504.1	same	same as 2021	wind resistance to roofs	N	IBC section reference change	N	N		A				Not reviewed by TAG. Listed for tracking purposes only. Non-substantial or editorial only changes.
618	1504.1.1	1504.2	same as 2021	wind resistance of asphalt shingles	N	Renumbered	N	N		A				Not reviewed by TAG. Listed for tracking purposes only. Non-substantial or editorial only changes.

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Model Code: 2024 IBC

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					Y or N		N=None, L=Low M=Med, H=High	Y or N				Y or N		
619	T 1504.1.1	T 1504.2	same as 2021	classification for steep slope roof shingles	N	renumbered and added UL listing option	N	N		A				Not reviewed by TAG. Listed for tracking purposes only. Non-substantial or editorial only changes.
620	1504.2 - 1504.2.1.1	1504.3 - 1504.3.1.1	same as 2021	multiple	N	renumbered	N	N		A				Not reviewed by TAG. Listed for tracking purposes only. Non-substantial or editorial only changes.
621	1504.2.1.2	1502.3.1.2	same as 2021	wind tunnel testing	N	editorial change	N	N		A				Not reviewed by TAG. Listed for tracking purposes only. Non-substantial or editorial only changes.
622		1503.3.1.3	same as 2021	Air permeability testing	N	IBC new section: The lift coefficient for concrete and clay tile shall be 0.2 or shall be determined in accordance with SBCCI SSTD 11 or ASTM C1570.	N	N		A				Not reviewed by TAG. Listed for tracking purposes only. Non-substantial or editorial only changes.
623	1504.3 - 1504.3.3	1504.4 - 1504.4.3	same as 2021	multiple	N	renumbered	N	N		A				Not reviewed by TAG. Listed for tracking purposes only. Non-substantial or editorial only changes.
624			1504.4.4	slate shingles	N	2024 IBC new section: Slate shingles shall be tested in accordance with ASTM D3161. Slate packaging shall bear a label indicating compliance with ASTM D3161 and the required classification in Table 1504.2.	N	N		A				Not reviewed by TAG. Listed for tracking purposes only. Non-substantial or editorial only changes.
625	1504.4	1504.5	same as 2021	ballasted low slope single ply roof systems	N	IBC added the term 'single ply'	N	N		A				Not reviewed by TAG. Listed for tracking purposes only. Non-substantial or editorial only changes.
626	1504.5	1504.6	same as 2021	edge systems for low slope roofs	N	IBC editorial change and clarity by adding language for the slope of the roof	N	N		A				Not reviewed by TAG. Listed for tracking purposes only. Non-substantial or editorial only changes.
627		1504.6.1	same as 2021	gutter securement for low slope roofs	N	2021 IBC new Section: Gutters that are used to secure the perimeter edge of the roof membrane on low-slope (less than 2:12 slope) built-up, modified bitumen, and single-ply roofs, shall be designed, constructed and installed to resist wind loads in accordance with Section 1609 and shall be tested in accordance with Test Methods G-1 and G-2 of SPRI GT-1.	N	N		A				Not reviewed by TAG. Listed for tracking purposes only. Non-substantial or editorial only changes.
628	1504.6	1504.7	deleted	physical properties		2024 IBC deleted section	N	N		A				Not reviewed by TAG. Listed for tracking purposes only. Non-substantial or editorial only changes.
629	1504.7	1504.8	1504.7	Impact resistance	N	renumbered and added low slope roofs	N	N		A				Not reviewed by TAG. Listed for tracking purposes only. Non-substantial or editorial only changes.
630	1504.8	1504.9 & T 1504.9	1504.8 & T 1504.8	wind resistance of aggregate surfaced roofs	N	IBC rewritten section and added new table for parapet height requirements.			review new section					
631	1505.1	same	same as 2021	General (fire classification)	N	IBC editorial change	N	N		A				Not reviewed by TAG. Listed for tracking purposes only. Non-substantial or editorial only changes.
632	T 1505.1	same	same as 2021	Minimum roof assembly classification	Y	IBC changed the term 'covering' to 'assembly'. MN deleted footnote a. (international wild land urban interface code)	N	N	retain amendment	A				

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					Y or N		N=None, L=Low M=Med, H=High	Y or N				Y or N		
633	1505.2	same	same as 2021	class A roof assemblies	N	2024 IBC added testing standard	N	N		A				Not reviewed by TAG. Listed for tracking purposes only. Non-substantial or editorial only changes.
634	1505.9	same	same as 2021	Rooftop mounted photovoltaic panel systems	N	IBC 'shall be installed per installation instructions'	N	N		A				Not reviewed by TAG. Listed for tracking purposes only. Non-substantial or editorial only changes.
635	1505.10	same	same as 2021	landscaped and vegetative roofs	N	2024 IBC added vegetative roofs	N	N		A				Not reviewed by TAG. Listed for tracking purposes only. Non-substantial or editorial only changes.
636	1506.1	same	same as 2021	scope	N	2021 IBC complaine with 1505.	N	N		A				Not reviewed by TAG. Listed for tracking purposes only. Non-substantial or editorial only changes.
637	1507.1.1	same	same as 2021	underlayment	N	IBC updated base language for section compliance and deleted exceptions.	N	N		A				Not reviewed by TAG. Listed for tracking purposes only. Non-substantial or editorial only changes.
638	T 1507.1.1(1), T 1507.1.1(2), T 1507.1.1(3)	same	same as 2021	underlayment types	N	IBC mulitple updates to table for standards and assemblies	N	N		A				Not reviewed by TAG. Listed for tracking purposes only. Non-substantial or editorial only changes.
639	1507.2.8	same	same as 2021	flashings	N	editorial change	N	N		A				Not reviewed by TAG. Listed for tracking purposes only. Non-substantial or editorial only changes.
640	1507.2.8.2	same	same as 2021	valleys	N	2024 IBC added 'not less than 36 inches to item 3	N	N		A				Not reviewed by TAG. Listed for tracking purposes only. Non-substantial or editorial only changes.
641	1507.3.1	same	same as 2021	deck requirements - exception	N	2021 IBC added new exception: Spaced lumber sheathing shall be permitted in seismic design categories A, B and C.	N	N		A				Not reviewed by TAG. Listed for tracking purposes only. Non-substantial or editorial only changes.
642	1507.4.3	same	same as 2021	material standards	N	2024 IBC updated table reference	N	N		A				Not reviewed by TAG. Listed for tracking purposes only. Non-substantial or editorial only changes.
643	T 1507.4.3(1)	same	T 1507.4.3	metal roof coverings	N	2024 IBC updated table with added roof covering types	N	N		A				Not reviewed by TAG. Listed for tracking purposes only. Non-substantial or editorial only changes.
644	T 1507.4.3(2)	same	deleted		N	2024 deleted tabel	N	N		A				Not reviewed by TAG. Listed for tracking purposes only. Non-substantial or editorial only changes.
645	1507.5.5	same	same as 2021	material standards	N	2024 IBC updated table reference	N	N		A				Not reviewed by TAG. Listed for tracking purposes only. Non-substantial or editorial only changes.
646	1507.5.7	same	same as 2021	flashing	N	2024 IBC updated table reference	N	N		A				Not reviewed by TAG. Listed for tracking purposes only. Non-substantial or editorial only changes.

New Changes in the 2024 International Code TAG Review Worksheet

Model Code: 2024 IBC

Minnesota Rule 1305										To be completed by TAG			
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					Y or N		N=None, L=Low M=Med, H=High	Y or N			Y or N		
647	1507.8.1	same	same as 2021	Deck requirements	N	2024 IBC added the language: Where 1-inch x 4-inch (25 mm x 102 mm) spaced sheathing is installed at 10 inches (254 mm) on center or greater, additional 1-inch x 4-inch (25 mm x 102 mm) boards shall be installed between the sheathing boards. When wood shingles are installed over spaced sheathing and the underside of the shingles are exposed to the attic space, the attic shall be ventilated in accordance with Section 1202.2. The shingles shall not be backed with materials that will occupy the required air gap space and prevent the free movement of air on the interior side of the spaced sheathing.	N	N	A				Not reviewed by TAG. Listed for tracking purposes only. Non-substantial or editorial only changes.
648	1507.9.1	same	same as 2021	deck requirements	N	2024 IBC added the language: Where wood shakes are installed over spaced sheathing and the underside of the shakes are exposed to the attic space, the attic shall be ventilated in accordance with Section 1202.2. The shakes shall not be backed with materials that will occupy the required air gap space and prevent the free movement of air on the interior side of the spaced sheathing.	N	N	A				Not reviewed by TAG. Listed for tracking purposes only. Non-substantial or editorial only changes.
649	1507.10.1	same	same as 2021	slope	Y	MN amendment: <i>Unless designed for water accumulation in accordance with Section 1611.2, built-up roofs shall have a design slope of a minimum of one-fourth unit vertical in 12 units horizontal (2-percent slope) for drainage, except for coal-tar built-up roofs that shall have a design slope of a minimum of one-eighth unit vertical in 12 units horizontal (1-percent slope).</i>	N	N	retain amendment	A			
650	1507.11.1	same	same as 2021	slope	Y	MN amendment: <i>Unless designed for water accumulation in accordance with Section 1611.2, modified bitumen membrane roofs shall have a design slope of a minimum of one-fourth unit vertical in 12 units horizontal (2-percent slope) for drainage.</i>	N	N	retain amendment	A			
651	1507.12 - 1507.12.3	same	same as 2021	Single ply roofing		2021 IBC changes this section to address all types of single ply roofing. Adding a new table and deleting other sections as applicable.	N	N	A				
652	1507.12.1	same	same as 2021	slope	Y	MN amendment: <i>Unless designed for water accumulation in accordance with Section 1611.2, thermoset single-ply membrane roofs shall have a design slope of a minimum of one-fourth unit vertical in 12 units horizontal (2-percent slope) for drainage.</i>	N	N	retain amendment - revise language to include all single ply roofs	A			
653	1507.13 - 1507.13.3	deleted	deleted			2021 IBC deleted these sections in accordance with 1507.12	N	N	A				Not reviewed by TAG. Listed for tracking purposes only. Non-substantial or editorial only changes.
654	1507.13.1			slope	Y	MN amendment: <i>Unless designed for water accumulation in accordance with Section 1611.2, thermoplastic singleply membrane roofs shall have a design slope of a minimum of one-fourth unit vertical in 12 units horizontal (2-percent slope) for drainage.</i>	N	N	Repeal amendment	AM			

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					Y or N		N=None, L=Low M=Med, H=High	Y or N				Y or N		
655	1507.14 - 1507.15.2	1507.13 - 1507.14.2	same as 2021	multiple	N	renumbered	N	N		A				Not reviewed by TAG. Listed for tracking purposes only. Non-substantial or editorial only changes.
656	1507.14.1	1507.13.1	same as 2021	slope	Y	MN amendment: Unless designed for water accumulation in accordance with Section 1611.2, sprayed polyurethane foam roofs shall have a design slope of a minimum of one-fourth unit vertical in 12 units horizontal (2-percent slope) for drainage.	N	N	retain amendment	A				
657	1507.15.1	1507.14.1	same as 2021	slope	Y	MN amendment: Unless designed for water accumulation in accordance with Section 1611.2, liquid-applied roofs shall have a design slope of a minimum of one-fourth unit vertical in 12 units horizontal (2-percent slope).	N	N	retain amendment	A				
658			1507.14.3	Application	N	2024 IBC new section: Liquid-applied roofing shall be installed in accordance with this chapter and the manufacturer's installation instructions.	N	N		A				Not reviewed by TAG. Listed for tracking purposes only. Non-substantial or editorial only changes.
659	1507.16 - 1507.17.8	1507.15 - 1507.16.8	same as 2021	multiple	N	renumbered. 2024 IBC changed 'photovoltaic shingles' to 'BIPV shingles'	N	N		A				Not reviewed by TAG. Listed for tracking purposes only. Non-substantial or editorial only changes.
660			1507.16.9	flashing	N	2024 IBC new section: Flashing for BIPV shingles shall be installed in accordance with the roof covering manufacturer's installation instructions to prevent water from entering the wall and roof through joints in copings, through moisture-permeable materials and at intersections with parapet walls and other penetrations through the roof plane.	N	N		A				Not reviewed by TAG. Listed for tracking purposes only. Non-substantial or editorial only changes.
661	1507.18-1507.18.6	1507.17-1507.17.6	same as 2021	multiple	N	renumbered	N	N		A				Not reviewed by TAG. Listed for tracking purposes only. Non-substantial or editorial only changes.
662	1507.18.2	1507.17.2	same as 2021	deck slope	Y	MN amendment: BIPV roof panels shall be used only on roof slopes of two units vertical in 12 units (2:12) or greater.	N	N	Repeal amendment - model code language is the same	AM				
663			1507.17.7	flashing	N	2024 new section: Flashing for BIPV roof panels shall be installed in accordance with the roof covering manufacturer's installation instructions to prevent water from entering the wall and roof through joints in copings, through moisture-permeable materials and at intersections with parapet walls and other penetrations through the roof plane.	N	N		A				Not reviewed by TAG. Listed for tracking purposes only. Non-substantial or editorial only changes.
664	1508.1	same	same as 2021	general (roof insulation)	N	2021 IBC edited Exception 2 to include 'composite metal and concret roof decks'	N	N		A				Not reviewed by TAG. Listed for tracking purposes only. Non-substantial or editorial only changes.
665	T 1508.2	same	same as 2021	Material standards for roof insulation	N	2024 IBC added testing standard	N	N		A				Not reviewed by TAG. Listed for tracking purposes only. Non-substantial or editorial only changes.
666		1509 all	same as 2021	Roof coatings	N	2021 IBC entirely new section	N	N		A				
667	1509 all	1510 all	same as 2021	Radiant barriers installed above deck	N	2021 IBC renumbered entire section	N	N		A				Not reviewed by TAG. Listed for tracking purposes only. Non-substantial or editorial only changes.

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668	1510 all	1511 all	same as 2021	Rooftop structures		2021 IBC renumbered entire section	N	N		A			Not reviewed by TAG. Listed for tracking purposes only. Non-substantial or editorial only changes.
669	1510.1.1	1511.1.1	same as 2021	Area limitation	N	2024 IBC added height to limitations	N	N		A			Not reviewed by TAG. Listed for tracking purposes only. Non-substantial or editorial only changes.
670	1510.2.2	1511.2.2	same as 2021	use limitations	Y	2021 IBC added: including ancillary spaces used to access elevators and stairways. MN amendment: Accessory uses necessary for the maintenance of building systems shall be permitted when the penthouse is sprinkled in accordance with Section 903.1.1.	N	N	Review amendment with new model code language	A			
671	1510.2.4	1511.2.4	same as 2021	type of construction	N	2024 IBC added: Penthouse exterior walls and roof construction shall have a fire-resistance rating as required for the type of construction of the building. Supporting construction of such exterior walls and roof construction shall have a fire-resistance rating not less than required for the exterior wall or roof supported.	N	N		A			
672			1511.7.6	Lightning protection system		2024 New Section: Lightning protection system components shall be installed in accordance with Sections 1511.7.6.1, 1511.7.6.2 and 2703.	N	N		A			
673			1511.7.6.1	Installation on metal edge systems or gutters		2024 New Section: Lightning protection system components attached to ANSI/SPRI/FM 4435/ES-1 or ANSI/SPRI GT-1 tested metal edge systems or gutters shall be installed with compatible brackets, fasteners or adhesives, in accordance with the metal edge systems or gutter manufacturer's installation instructions. Where the metal edge system or gutter manufacturer is unknown, installation shall be as directed by a registered design professional .	N	N		A			
674			1511.7.6.1	Installation on roof coverings		2024 New Section: Lightning protection system components directly attached to or through the roof covering shall be installed in accordance with this chapter and the roof covering manufacturer's installation instructions. Flashing shall be installed in accordance with the roof assembly manufacturer's installation instructions and Sections 1503.2 and 1507 where the lightning protection system installation results in a penetration through the roof covering . Where the roof covering manufacturer is unknown, installation shall be as directed by a registered design professional .	N	N		A			
675			1511.9 - 1511.9.6	Raised-deck systems installed over a roof assembly		2024 IBC multiple new sections.	N	N	review new sections	A			

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					Y or N		N=None, L=Low M=Med, H=High	Y or N			Y or N		
676	1512 all	deleted	deleted	Photovoltaic panels and modules	N	2021 IBC deleted entire section	N	N		A			Not reviewed by TAG. Listed for tracking purposes only. Non-substantial or editorial only changes.
677	1511 all	1512 all	same as 2021	Reroofing	N	2021 IBC renumbered entire section	N	N		A			Not reviewed by TAG. Listed for tracking purposes only. Non-substantial or editorial only changes.
678	1511.1	1512.1	same as 2021	General	Y	<p>MN amendment: 1511.1 <i>General. Materials and methods of application used for recovering or replacing an existing roof covering shall comply with the requirements of Chapter 15.</i></p> <p><i>Exception: Reroofing shall not be required to meet the minimum design slope requirement of one-quarter unit vertical in 12 units horizontal (2-percent slope) in Section 1507 for roofs that provide positive roof drainage if all the following conditions are met:</i></p> <p><i>1. The minimum required roof slope is technically infeasible due to existing parapet heights, existing unalterable flashing that requires positive drainage, or other obstacle.</i></p> <p><i>2. The existing structure is demonstrated through structural analysis to be capable of supporting ponding to the level of the secondary emergency drainage system or point of overflow.</i></p> <p><i>3. A secondary (emergency) drainage system is installed in compliance with Section 1502.</i></p>	N	N	Retain amendment	A			
679	1511.2	relocated	same as 2021	structural and construction	N	2021 IBC notes this section as relocated	N	N		A			

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					Y or N		N=None, L=Low M=Med, H=High	Y or N			Y or N			
680	1511.3	1512.2	same as 2021	Roof replacement	N	2024 IBC updates and adds to exceptions. 1. Where the existing roof assembly includes an ice barrier membrane that is adhered to the roof deck and the existing sheathing is not water-soaked or deteriorated to the point that it is not adequate as a base for additional roofing, the existing ice barrier membrane shall be permitted to remain in place and covered with an additional layer of ice barrier membrane in accordance with Section 1507 where permitted by the roof covering manufacturer and new ice barrier underlayment manufacturer. 2. Where the existing roof includes a self-adhered underlayment and the existing sheathing is not water-soaked or deteriorated to the point that it is not adequate as a base for additional roofing, the existing self-adhered underlayment shall be permitted to remain in place and covered with an underlayment complying with Tables 1507.1.1(1), 1507.1.1(2) and 1507.1.1(3). 3. Where the existing roof includes one layer of self-adhered underlayment and the existing layer cannot be removed without damaging the roof deck, a second layer of self-adhered underlayment is permitted to be installed over the existing self-adhered underlayment provided that the following conditions are met: 3.1. It is permitted by the roof covering manufacturer and self-adhered underlayment manufacturer.3.2. The existing sheathing is not water-soaked or deteriorated to the point that it is not adequate as a base for additional roofing. 3.3. The second layer of self-adhered underlayment is installed such that buildup of material at walls, valleys, roof edges, end laps and side laps does not exceed two layers.	N	N		A				
681	1511.3.1	1512.2.1	1512.3	Roof recover	N	2024 rennumbers and takes exceptions located in next section to this section	N	N	no material change	A				Not reviewed by TAG. Listed for tracking purposes only. Non-substantial or editorial only changes.
682	1511.3.1.1	1512.2.1.1	1512.3	Roof recover	N	2024 moves exception to above section	N	N	no material change	A				Not reviewed by TAG. Listed for tracking purposes only. Non-substantial or editorial only changes.
683	1511.4	1512.3	1512.3.1	Roof recovering over wood shingle or shakes	N	2024 IBC editorial changes	N	N	no material change	A				Not reviewed by TAG. Listed for tracking purposes only. Non-substantial or editorial

New Changes in the 2024 International Code TAG Review Worksheet

Model Code: 2024 IBC

Minnesota Rule 1305										To be completed by TAG				
Item No.	Minnesota Code Section	2021 "I" Code Section	2024 "I" 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	Stakeholder Consensus	Comments
					Y or N		N=None, L=Low M=Med, H=High	Y or N				Y or N		
684	1511.5	1512.4	same as 2021	Reinstallation of materials	Y	2021 IBC added: Existing ballast that is damaged, cracked or broken shall not be reinstalled. Existing aggregate surfacing materials from built-up roofs shall not be reinstalled. MN added: Aggregate surfacing materials shall not be reinstalled unless such aggregate complies with the gradation requirements of ASTM C33, Standard Specification for Concrete Aggregates.	N	N	Review amendment with new model code language	A				
685	1511.7			Drainage	Y	MN specific section: Existing roofs where the roof perimeter construction extends above the roof in such a manner that water will be entrapped if the primary drains allow buildup for any reason shall be equipped with a secondary (emergency) drainage system. <i>Exception: Existing roofs that are demonstrated to have the structural capacity to support the depth of ponding water where the water will discharge over an exterior building edge if the primary drainage system fails.</i>	N	N	Retain amendment	A				