

2025 CCLD State of the State



Disclaimer Slide

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Disclaimer!

Leadership



(Our fearless leader!)

Todd Green, Director

Greg Metz, Asst. Director – State Building Official

Scott McKown, Asst. Director – Field Inspections

Ryan Rehn, Sr. Manager – Plan Review



2025 Legislative Initiatives

Legislative request for fee adjustments

Electrical permit fees

- Last adjusted 2007
- \$25 application fee
- Inspection fee increase \$35 to \$55
- Circuit fee increase \$6 to \$12

Elevator inspections fees

- Last adjusted 2007
- Annual operating permit increase from \$100 to \$145
- New \$10 virtual inspection

Plumbing plan review and permit fees

- Review fees last adjusted in 2007
- Permit fees last adjusted 2013
- Shift to valuation-based fees
- Fees adjusted to cover costs approximately double
- Only affecting residential with five or more dwellings in the building

Legislative request for fee adjustments

Manufactured Structures

- Last adjusted 2007
- Installation seals increase \$80 to \$130
- New shipment fee \$75 per floor
- New resale decal \$100
- New salesperson license \$80/2 years
- IIBC/prefab plan review and inspections fees moving to valuation-based fees to match the CCLD Plan Review and Permitting fee structure for in-plant valuation of work.

Boiler inspection fees

- Last adjusted 2007
- Boiler registration fee increase \$10 to \$25



Building Official Training Grants Program

Greg Metz, assistant director CCLD | State Building Official

2024 BOT Grants – training the next generation

Eight grants at \$65,000 each to hire a full-time apprentice building inspector.

- Moorhead
- Sartell
- Shakopee
- St. Paul
- Worthington
- Chaska
- La Crescent
- West St. Paul

- Provide supplemental funding so that jurisdictions don't need to bear the entire burden of training up new employees.
- State coaching and counseling support for grantees and those administering the program.
- Assistance with grant application writing upon request.

CCLD REVIEW

Construction Codes and Licensing Division • Minnesota Department of Labor and Industry

DLI Construction Codes Units Update

Building Plan Review

476 plan reviews

- 104 public buildings
- 141 schools
- 37 hospitals
- 15 nursing homes
- 12 correctional facilities
- 167 other

Britt McAdamis– supervisor

TBD– lead worker

Mike Bunnell – conservation code specialist

Lee Gladitsch

Karen Gridley – state accessibility specialist

Dean Mau – fire protection specialist

Cris Bitker

Ken Eggers

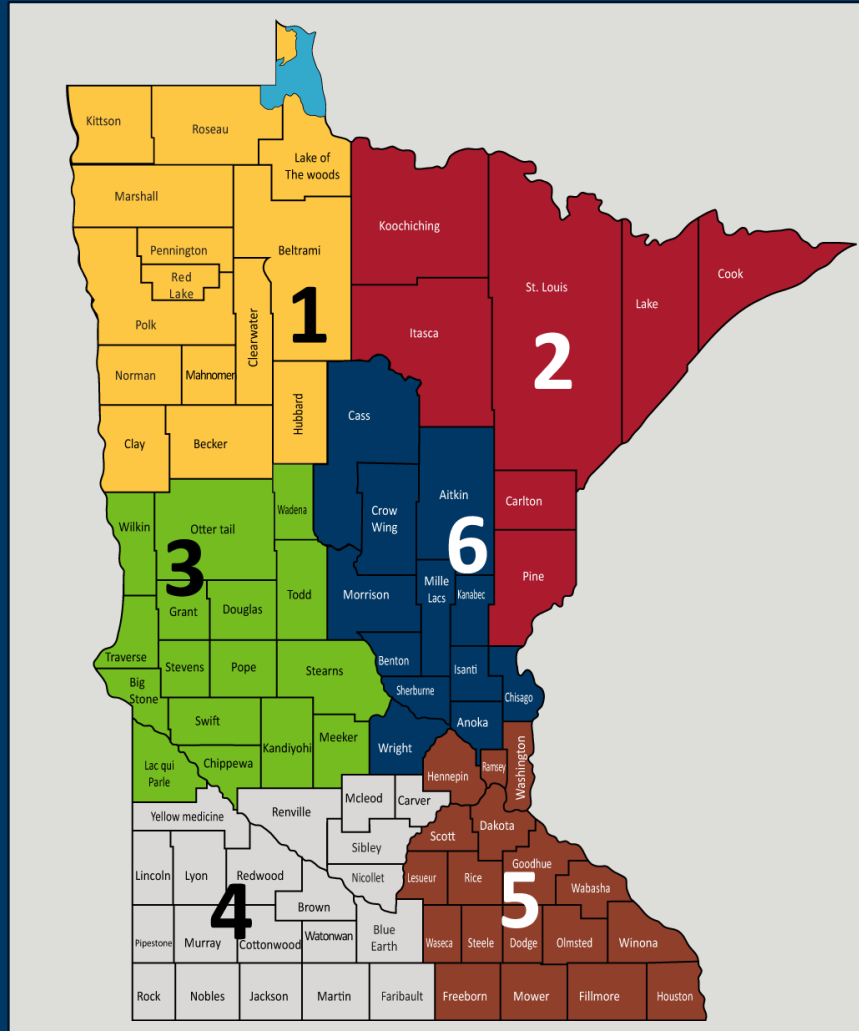
Wendy Rannenberg

Jesse Soller – HVACR specialist+

Building Inspections

212 building permits

5,228 field inspections



Tom Gray – supervisor

Region 1: Bryan Kerby

Region 4: Mark Henson

Region 2: Jerry Jasmer

Region 5: Chris Meier

Region 3: Jake Depuydt

Region 6: Kyle Christensen

Adding a new northern region this spring

Plumbing Plan Review

2,475 plan reviews

- 623 State projects
- 1432 Minor remodeling, 5 or fewer fixtures

Review Fees: \$1,153,550

Staff nearly doubled in 2024

Technical assistance to
Plumbing Board in
Rulemaking

Colleen Erickson – lead worker

Caleb Buck

Brad Erickson

Corey Frain

David Lanik

Kyle Meyer

Jami Neiber

Sam Padelford

Scott Sawyer

Leif Tharaldson

Lisa Tysk

Marise Widmer

Brad Williams

Austin Ziemer



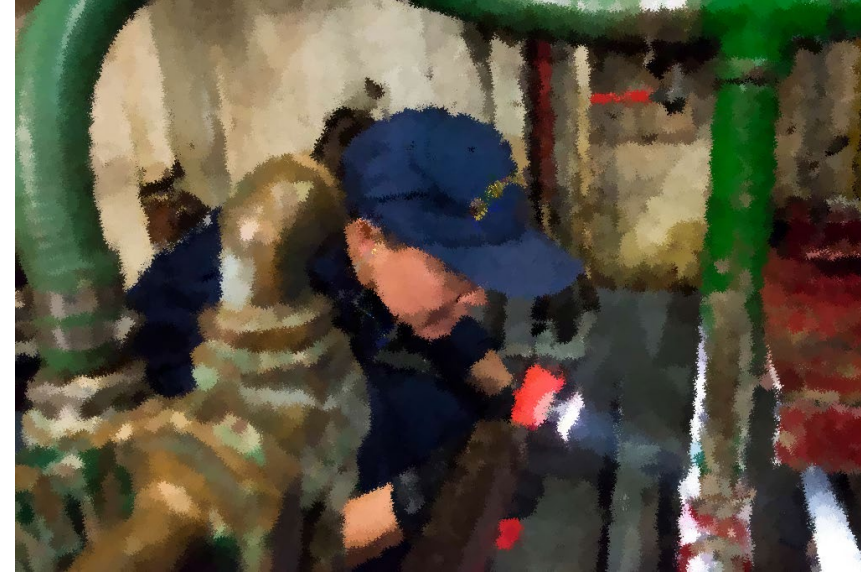
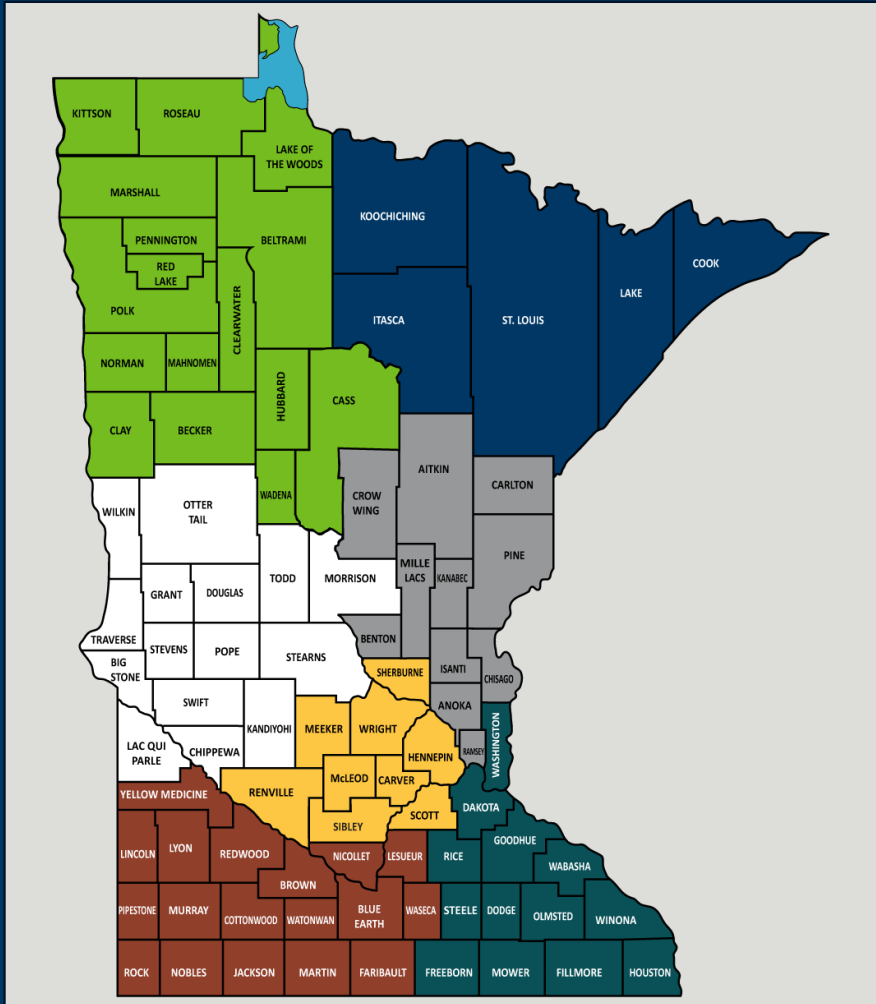
Mike Westemeier- Supervisor

One PR position to be filled

Plumbing Inspections

1,138 permits

7,433 plumbing inspections



Brad Jensen – supervisor & Northeast District

Matt Flier: Northwest District

John Roehl: West Central District

Steve Nuebel: East Central District

Chuck Olson: Central District

Tom Eisert: Southwest District

Kara Topper: Southeast District

Manufactured Structures

175 IIBC plan reviews

162 in-plant inspections

8 Prefabricated bldg reviews

517 MFGD home labels

Audit sales of manufactured
homes dealers

Audit manufactured home
installations



Jason Kelzer – supervisor

Herman Hauglid – lead worker

Ermias MeKonnen

Krystina Nickila

David Rewey

Jamie Anderson

Code Services

- Manage building official designations
- Evaluate qualified persons for delegations
- Manage delegations for state projects
- Mentor and support new building officials
- Support state field inspections
- Administer the State Board of Review



Scott Wheeler – supervisor

Tim Manz

Frank Martin

Adam Schminski

Paul Swett

Education, Rules, Code Development & Grants

- 46 Days of seminars
- 10 Tribal Consultations
- 64 BOL participants
- Rulemaking
- Grants programs
 - BOT, Energy, FEMA
- 10 Courses on CCLD Learn
- Review & audit third-party educational programs



Don Sivigny – supervisor

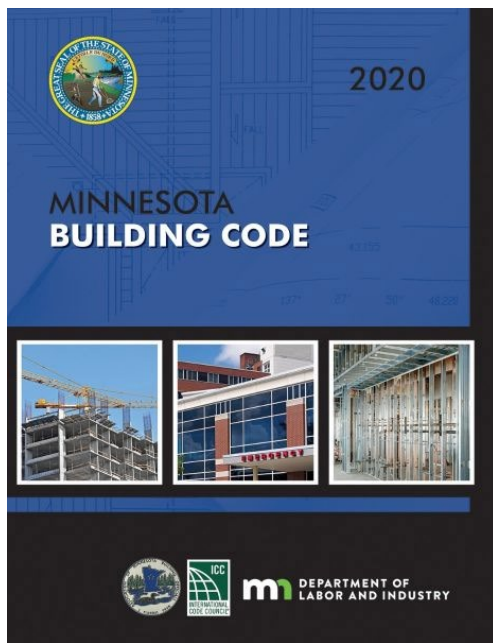
Terence Olson – grants coordinator

Chris Rosival – mechanical code SME

Steve Shold – energy codes SME

Amanda Spuckler – rules writer

Jesse Szykulski – residential code SME + BOL
program coordinator



Adult-sized
Changing Facilities



Window Cleaning
Safety

State Building Code Supplements



Rulemaking: Adult-sized Changing Facilities

Supplement to the Minnesota Building Code effective: Aug. 15, 2025

2023 legislation passed: Adult-sized Changing Facilities

Required where:

- Group A and M Occ. where 6+ toilets are required
- Group B higher ed. where classrooms require 12+ toilets
- MN DOT rest areas with plumbing & power
- State campgrounds with plumbing & power
- State visitor's centers with plumbing & power
- Group B outpatient clinics where 6+ toilets required in the building.



Adult-sized Changing Facilities TAG



Criteria:

- Travel distance limited to 1,000 feet (no story limit)
- Changing surface 30" x 70" adjustable height from 17"-38" and supporting 400 lbs.
- Must be co-located with a toilet and lavatory.
- Hand towels or hand dryer, soap, waste receptacle.
- Signage for instructions on use (no braille)
- Signage outside door with braille.

Adult-sized Changing Facilities TAG (cont.)

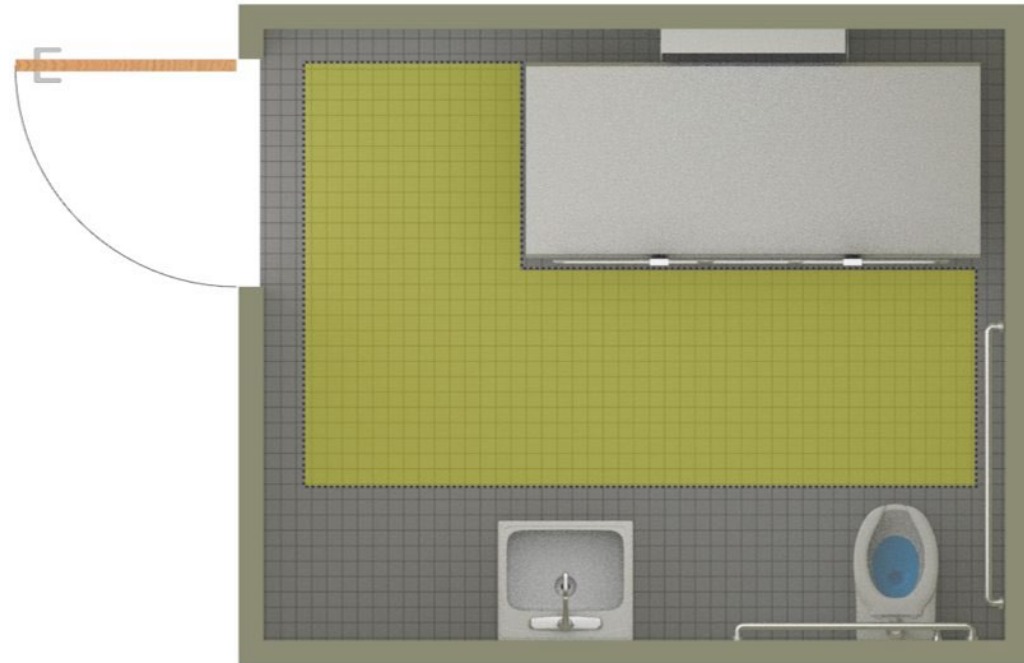
Room layout:

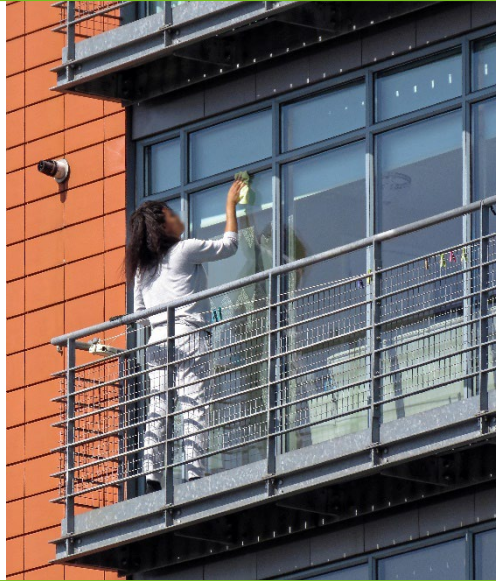
- 36" deep x full length clearance required on not less than one long side and one short end plus the connecting corner.
- Adds approximately 32 square feet of floor space to a wheelchair accessible toilet.

Projected cost range:

- Add \$13,000-\$14,000 per toileting facility for added floor space, finishes and installation.

(special thanks to HGA Architects for providing construction cost estimates)





Rulemaking: Window Cleaning Safety Features

Supplement to the Minnesota Building Code changing IBC 3114 effective: November 7, 2025

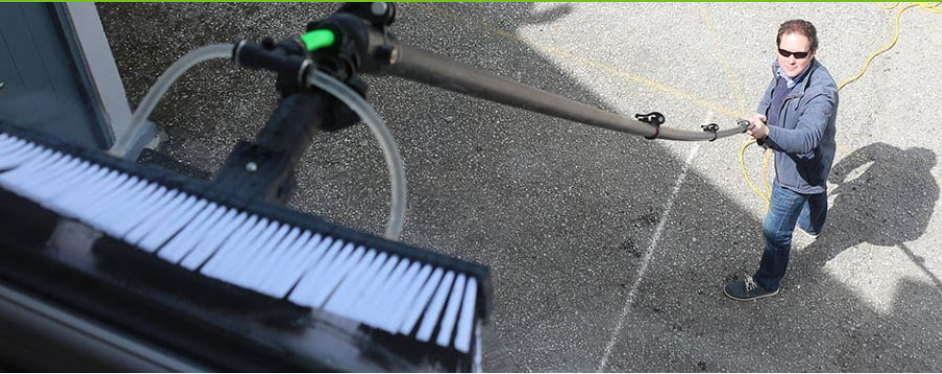
Proposed DLI legislation: Window Cleaning Safety



Required for:

- All new construction with windows
- Existing building alterations where scope can include safe window cleaning or where the scope of work exposes primary roof structure.
- Flat Roof Buildings where glazing is 38 feet above grade (4+ stories) must have roof anchors
- Sloped Roof Buildings (4:12 pitch or greater) and 6+ stories must have roof anchors

2023 legislation passed: Window Cleaning Safety



- ANSI/IWCA I-14.1-2001 Standard for Safe Window Cleaning Methods

Can clean from the ground using:

- Brushes on poles
- Ladders
- Scaffolding
- Scissors Lifts
- Powered platforms (Cherry pickers)



2023 legislation passed: Window Cleaning Safety



Require Roof Anchors

Suspended methods :

- Rope decent systems
- Boatswain's Chairs
- Swing Scaffolds



2023 legislation passed: Window Cleaning Safety



Permanently installed systems

- Davits
- Powered platforms



Alternative Designs

- Robotic systems

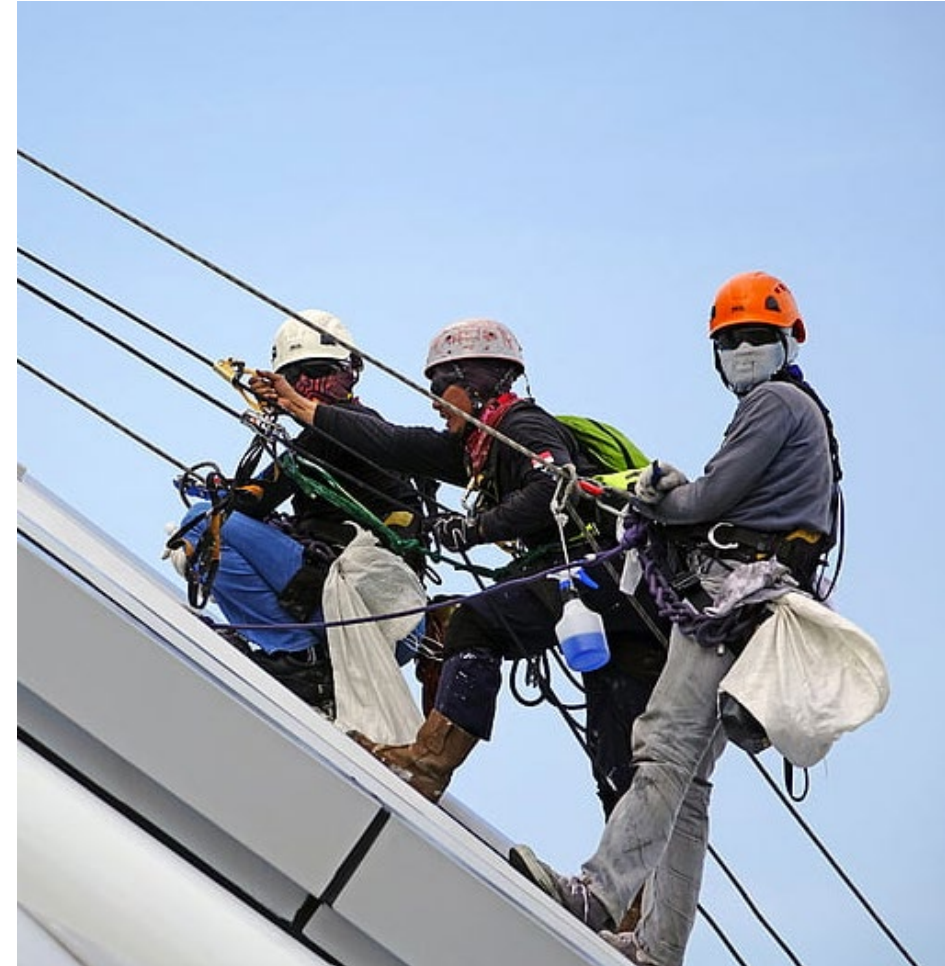


2023 legislation passed: Window Cleaning Safety

New Rules Require:

- Identifying HOW windows can be cleaned
- Standing location requirements and/or equipment location requirements by method
- Clear space requirements for equipment
- Safe access to deployment locations

REMEMBER: This is all Rule, no longer Statute. Alternative Design Methods can be approved by the building official.



Technical Advisory Group updates

- 1300/1301/1302/1303 Administration, Certification, Special Provisions
- 1305 Commercial Building
- 1309 Residential Building
- 1311 Existing Buildings
- 1322 Residential Energy- On hold waiting for publication of the 2024 IRC
- 1341 Accessibility
- 1346 Mechanical/Fuel Gas
- 1303/1305/1309/1311 Structural Review and Coordination

Administration, Certifications & Special Provisions

1300/1301/1302/1303

Highlights of 1300

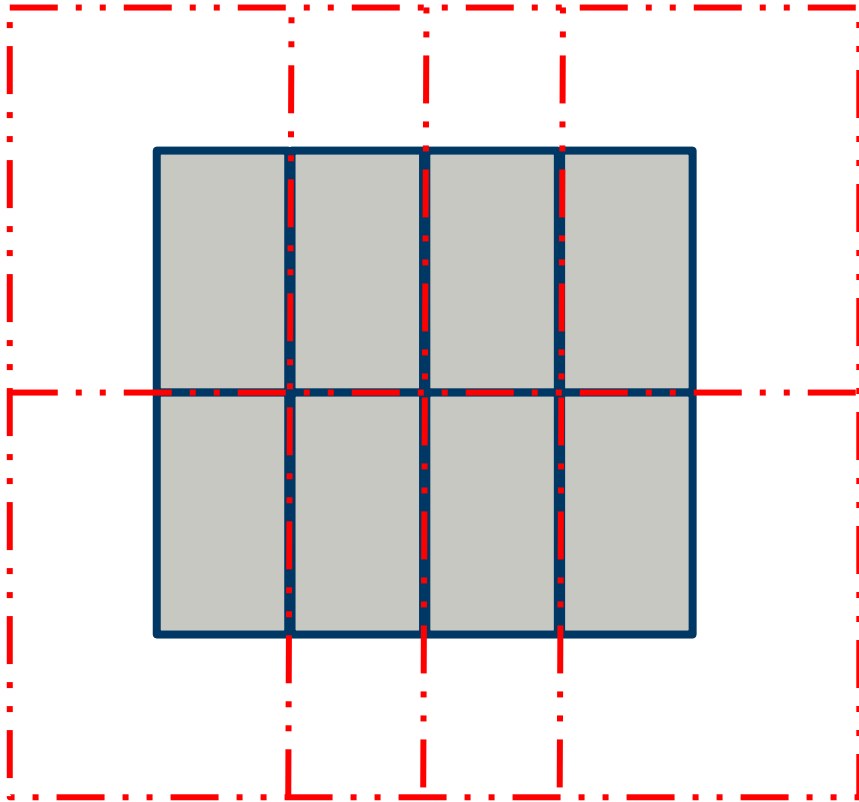
- Add definition for correctional facility
- Modified definition of IRC-1 to be single-family detached.
- IRC- 4 clarified to exclude sleeping accommodations and limited to 2,500 SF
- Allow IRC-3 buildings with more than two dwelling units allowed to be scoped to MR 1305 by exception and reclassified as R-2 Apartments
- Approvals for performance-based fire protection must include approval by the fire code authority.



Administration, Certifications & Special Provisions 1300

1300.0070, Subp. 12b

- Modified definition of IRC-1 to be single-family detached.



These are NOT eight IRC-1
Single Family Dwellings

Administration, Certifications & Special Provisions 1300

1300.0070, Subp. 12b

- IRC- 4 clarified to exclude sleeping accommodations and limited to 2,500 SF

This is no longer IRC-4 if
over 2,500 SF or has
sleeping rooms



Administration, Certifications & Special Provisions 1300

1300.0070, Subp. 12b

- Allow IRC-3 buildings with more than two dwelling units allowed to be scoped to MR 1305 by exception and reclassified as R-2 Apartments



Administration, Certifications & Special Provisions

1300/1301/1302/1303

Highlights of 1301 continuing education (CE) and credentialing

- Units to credit hours
 - 50m instruction + 10 m break = 1 CE hour
- Update to CE assigned credits to various programs and organizations recognizing the current annual schools
- Building inspectors to be registered with DLI
- Building inspector competency continuing education self-reporting required



Highlights of 1302

State Building Code Construction Approvals

- Change required designer response from 14 days to 30 days
- Add assisted living to the definition of state-licensed facilities
- Add places of public accommodation to the administrative list



Administration, Certifications & Special Provisions

1300/1301/1302/1303

Highlights of 1303 Special Provisions

- Repeal special rules for toilets in places of public accommodation
- Delete requirements for commuter vans
- Delete specific space requirements for recycling
- Modify fill and drainage requirements for frost protection of slabs on grade



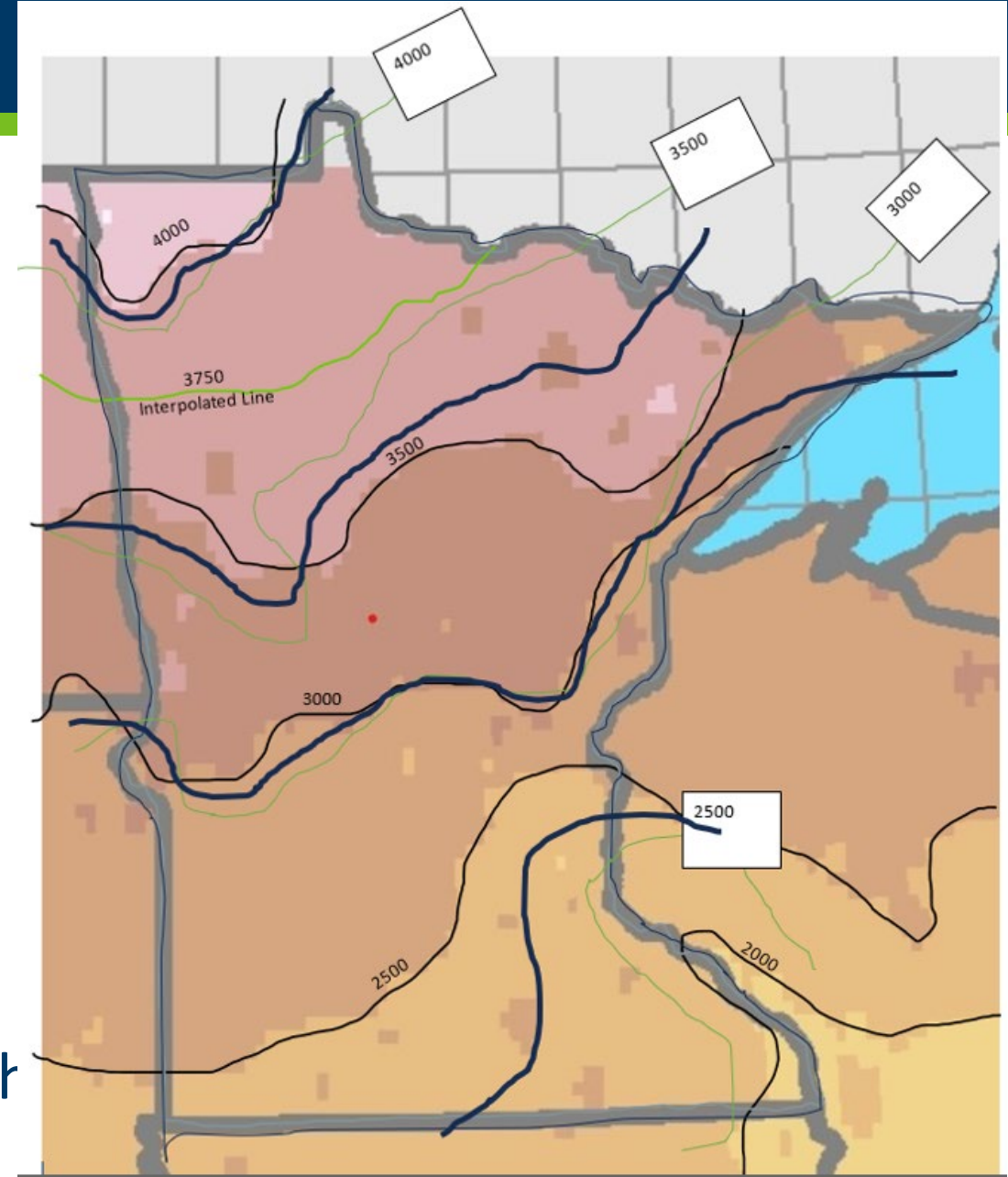
Administration, Certifications & Special Provisions

1300/1301/1302/1303

Highlights of 1303 Special Provisions

Modify frost depth requirements




- Used the ASCE 32 Standard for determining frost depth requirements
- Considered the overall dataset from 1951-2010 in lieu of just 1951-1980
- Map shows the air freezing index contours from the datasets and the average in bold to determine frost depth

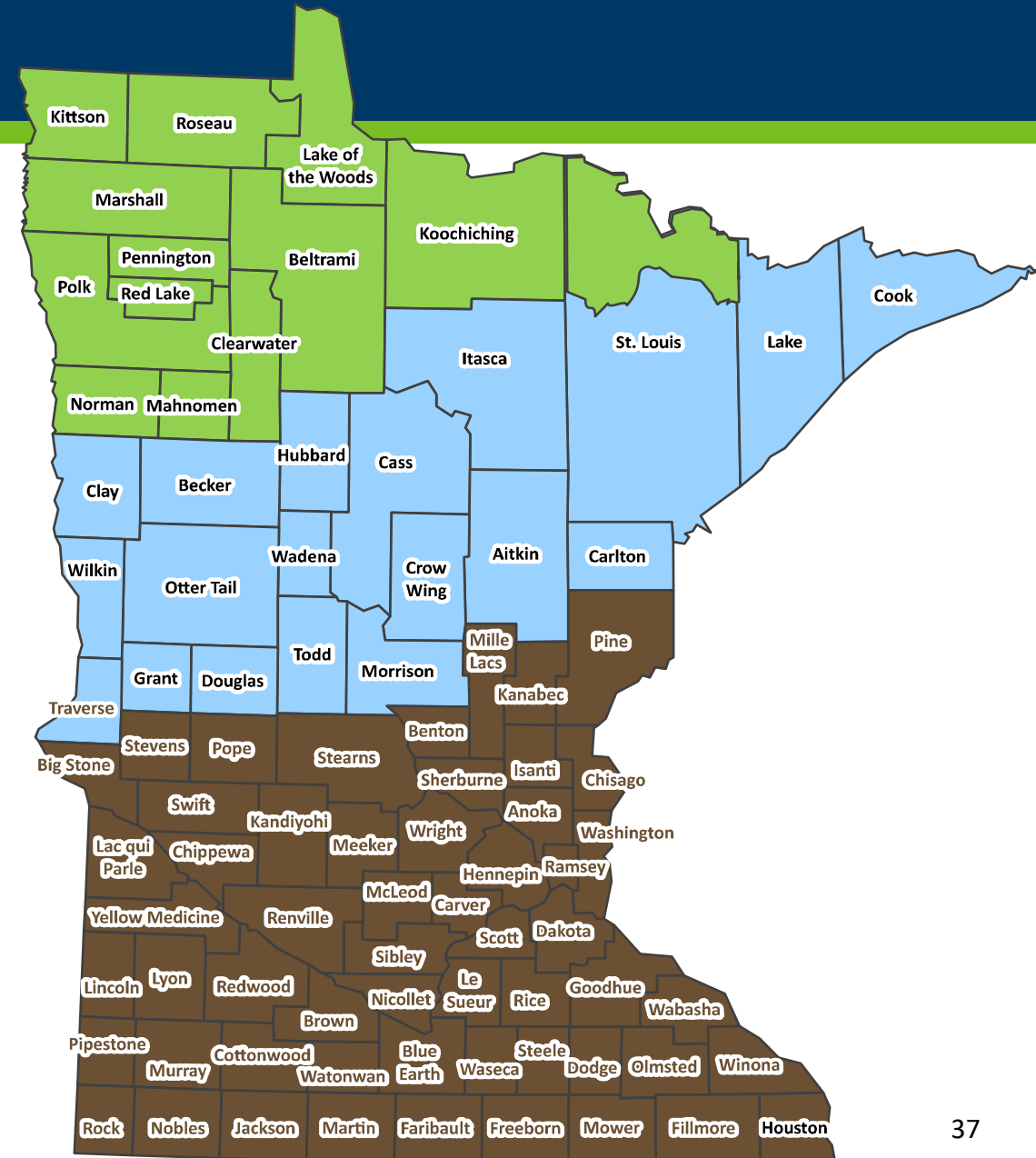


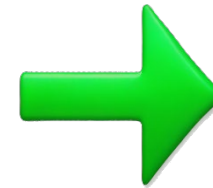
Special Provisions 1303

Highlights of 1303 Special Provisions

Modify frost depth requirements

-  Zone 1:
 - Heated Buildings- 36" depth
 - Unheated Structures 48" depth
-  Zone 2:
 - Heated Buildings- 48" depth
 - Unheated Structures 60" depth
-  Zone 3:
 - Heated Buildings- 60" depth
 - Unheated Structures 72" depth





MR 1305 Commercial Building Code TAG Update

MR 1305 Table 302.2 Licensed Care Facilities

Licensed care facilities with five or fewer classified as R-3 under 1305 (dwelling unit designation is going away)

- Assisted living
- Supervised living facilities
- Group homes



MR 1309 Building to MR 1305 Building is a change of occupancy

- Sprinkling required at 4,500 square feet
- Emergency escape and rescue openings required

MR 1305 Section 408.9 Group I-3 Windowless Buildings

Definition of windowless building changed to include smoke compartments that cannot provide the equivalent of natural ventilation through operable or breakable fenestrations including doors, windows, louvers, skylights and roof vents.

- Specific to I-3 Occupancies



MR 1305 Section 406.2.7 Electric Vehicle Charging Scoping



Moved to MR 1305

EVSE-Installed, EV-Ready and EV Capable Space Requirements ^a

<u>Total</u> Number of Parking Spaces (including charging spaces)	EVSE-Installed ^b	EV Ready	EV Capable ^c	Accessible Charging Space
5-25	0	0	2	1
26-50	2	3	8	1
51-75	3	2	11	1
76-100	4	3	15	1
101-150	6	5	23	1
151-200*	8	6	30	2
201-300	12	9	45	2
301-400	15	11	62	2
401-500	20	15	75	2
501+	20 + 2% > 500	15 + 1.5% > 500	75 + 7% > 500	2+5%>500

MR 1305 Table 506.2

Allowable Area Limits to R-3

Occ Class	Sprinkled	Type of Construction											
		Type I		Type II		Type III		Type IV				Type V	
		A	B	A	B	A	B	A	B	C	HT	A	B
R-3	NS	UL	UL	<u>4,500</u>	<u>4,500</u>	<u>4,500</u>	<u>4,500</u>	<u>4,500</u>	<u>4,500</u>	<u>4,500</u>	<u>4,500</u>	<u>4,500</u>	<u>4,500</u>
	S13D			24,000	16,000	24,000	16,000	61,500	41,000	25,625	20,500	12,000	7,000
	S13R			<u>UL</u>	<u>UL</u>	<u>UL</u>	<u>UL</u>	<u>UL</u>	<u>UL</u>	<u>UL</u>	<u>UL</u>	<u>UL</u>	<u>UL</u>
	S1												
	SM												

Fire Walls clarification:

706.1.2 Deemed to comply. Fire designed and constructed in accordance with NFPA 221 shall be deemed to comply with this section, subject to the limitations of MR 1300.0030. The required fire-resistance rating shall be determined by Section 706.4.

706.4 Fire-Resistance Rating. Fire walls and each wall of a double fire wall shall have a fire resistance rating of not less than that required by Table 706.4.

MR 1305 Section 706.8 Fire Wall Fire Resistance

706.8 Openings. Each opening through a fire wall shall be protected in accordance with Section 716 and shall not exceed 156 square feet. The aggregate width of openings at any floor shall not exceed 25 percent of the length of the wall.

Exceptions:

1. Openings are not permitted in party walls constructed in accordance with Section 706.1.1.
2. Openings shall not be limited to 156 square feet where both buildings are equipped throughout with an automatic sprinkler system in accordance with Section 903.3.1.1.
3. Openings in a double fire wall condition may be protected in one contributing wall where the building is equipped throughout with an automatic sprinkler system in accordance with Section 903.3.1.1.

MR 1305 Section 1210.3.1 Toilet Room Privacy - Separated

1210.3.1 Water closet compartment in multi-user toilet rooms separated by sex.

Each water closet shall occupy a separate compartment with walls or partitions and a door enclosing the fixtures to ensure privacy. The bottom edge of the partition and door shall be located not more than 16 inches (406 mm) above the finished floor. The top edge of the partition and door shall be located not less than 69 inches (1726 mm) above the finished floor. Gaps shall not be greater than of ½ inch between the edge of the door and the partition. Doors shall be capable of being secured from within the compartment.

- Partitions up to 16" above the floor
- Partition screening to not less than 69" above the floor
- No more than ½" gaps at edges and between doors and stiles
- Doors can be secured from inside

MR 1305 Section 1210.3.1 Toilet Room Privacy; Not separated by sex (Except E Occupancies)

1210.3.2 Water closet compartment in multi-user toilet rooms NOT separated by sex in other than E occupancies.

Each water closet shall occupy a separate compartment with walls and a door to ensure privacy meeting all of the following:

1. Floor to ceiling compartment walls
2. Lockable Doors distinguishable as locked from both sides
3. ½" max door undercut
4. Lavatory in at least one compartment but not less than 20%

(paraphrased)

MR 1305 Section 1210.3.1 Toilet Room Privacy; Not separated by sex (Except E Occupancies)

Exceptions:

1. Compartments not required in single user toilets that lock
2. Daycare facilities
3. Toilets in I-3 (detention) Occupancies

(paraphrased)

MR 1305 Section 1210.3.1 Toilet Room Privacy; Not separated by sex in E Occupancies

1210.3.3 Water closet compartments in multi-user toilet rooms

NOT separated by sex in E occupancies.

Each water closet in a separate enclosed compartment:

1. Compartment doors visible from primary circulation areas
2. Floor to ceiling compartment walls
3. Compartment doors lockable and readily distinguishable as locked from both sides
4. Compartment doors undercut ½" max.
5. Compartment doors shall swing out and equipped with hold open device
EXCEPTION: Doors to accessible compartments shall comply with Accessibility Code.
6. Doors shall not latch when unlocked.
7. Two entries to each toilet facility separated by not less than ½ diagonal of the facility.
8. Doors not permitted between the facility and circulation or normally occupied space.
9. At least 40% but not less than two compartments shall include a lavatory

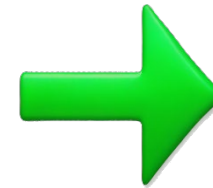
(paraphrased)

MR 1305 Section 1210.3.1 Toilet Room Privacy; Not separated by sex in E Occupancies

1210.3.3 Water closet compartments in multi-user toilet rooms not separated by sex in E occupancies.

Exceptions:

1. Water closet compartments shall not be required in a single-user, family or assisted-use toilet room with a lockable door.
2. Toilet rooms located in child day care facilities and containing two or more water closets shall be permitted to have one water closet without an enclosing compartment.

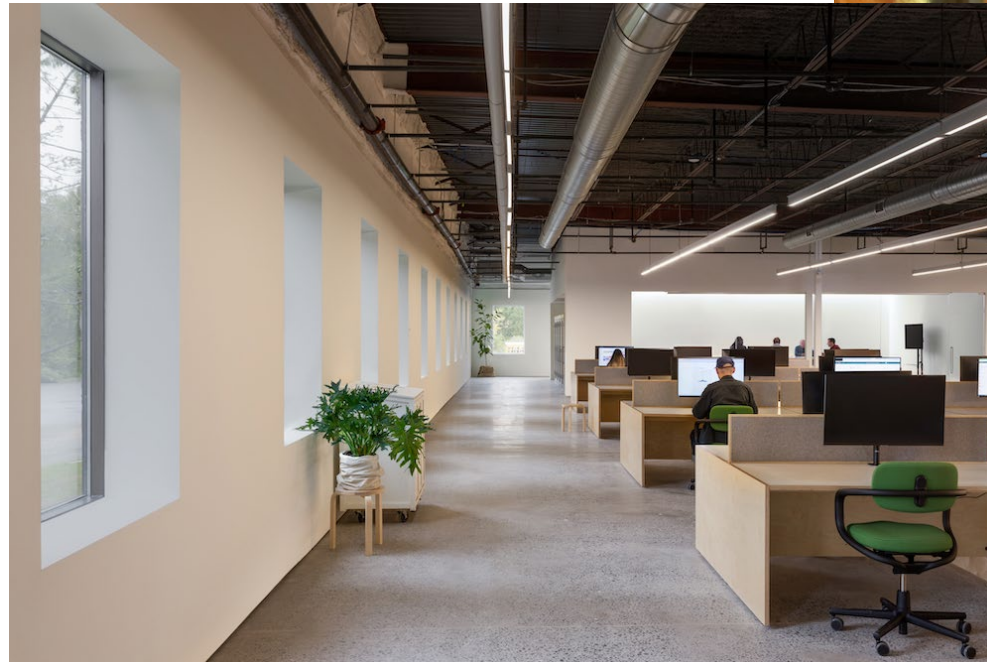


MR 1311 Existing Buildings Code TAG Update

MR 1311 Section 310 Energy Code Compliance

Energy code compliance for additions, alterations, repairs for substantial damage, and when more than 50% of the floorplate is renovated.

- Building envelope
- HVAC
- Lighting
- Hot water



MR 1311 Section 311.1 Reroofing - Minimum Slopes

When reroofing, roofs with slopes less than $\frac{1}{4}$: 12 that provide positive drainage can be re-roofed with the same roof slope under the following conditions:

1. The required roof slope is technically infeasible.
2. The existing structure can support ponding to the level of secondary emergency drainage system or point of overflow, and
3. A secondary emergency drainage system is installed in compliance with Minnesota Rules Chapter 1305, Section 1502.



MR 1311 Section 311.2 Elevator Hoistway Protection

Elevator hoistway opening protection required per MR 1305 on floors where more than 50% of the floor is altered.



MR 1311 Section 311.3 Electric Vehicle Charging

Comply with MR 1305 when:

- Work area with Level 2 Alterations and/or additions \geq 50% of building area; or
- When 10 or more parking stalls are added*
- When dwelling units are added to a building.



*Only new stalls need to be equipped when ONLY adding parking

MR 1311 Table 506.1 Relative Fire/Life Safety Hazards

Table 506.1 Life Safety and Fire Risk	
Relative Hazard	Occupancy Classification ^(a)
1 (Highest Hazard)	H, I-2, I-3
2	A-1, A-2, A-3, A-4
3	A-5, E, I-1, R-1, R-2, I-4
4	M, R-3, R-4
5	B, F-1, S-1, IRC-1, <u>IRC-2</u> , IRC-3
6	F-2, S-2, IRC-2
7 (Lowest Hazard)	U, IRC-4

(a) IRC-1, IRC-2, IRC-3, and IRC-4 occupancy classifications are included only to determine relative hazard level where buildings regulated by Minnesota Rule 1309 are converted to buildings regulated by Minnesota Rule 1311 in a change of occupancy. See part 1300.0070, subpart 12b, for occupancy classifications. When the use of a portion of a building is classified under Minnesota Rules Chapter 1311, the entire building shall be classified under Minnesota Rules Chapter 1311 and Minnesota Rules Chapter 1309 no longer applies to any part of the building.

MR 1311 Table 1011.5 Means of Egress Hazard Categories

Table 1011.5 Means of Egress Hazard Categories	
Relative Hazard	Occupancy Classification ^(a)
1 (Highest Hazard)	H
2	I-2, I-3, I-4
3	A, E, I-1, M, R-1, R-2, R-4 Condition 2
4	B, F-1, R-3, R-4 Condition 1, S-1, <u>IRC-1, IRC-2, IRC-3</u>
5 (Lowest Hazard)	F-2, S-2, U, <u>IRC-4</u>

(a) IRC-1, IRC-2, IRC-3, and IRC-4 occupancy classifications are included only to determine relative hazard level where buildings regulated by Minnesota Rule 1309 are converted to buildings regulated by Minnesota Rule 1311 in a change of occupancy. See part 1300.0070, subpart 12b, for occupancy classifications. When the use of a portion of a building is classified under Minnesota Rules Chapter 1311, the entire building shall be classified under Minnesota Rules Chapter 1311 and Minnesota Rules Chapter 1309 no longer applies to any part of the building.

MR 1311 Table 1011.6 Height & Area Hazard Categories

Table 1011.6 Height & Area Hazard Categories	
Relative Hazard	Occupancy Classification ^(a)
1 (Highest Hazard)	H
2	A-1, A-2, A-3, A-4, I, R-1, R-2, R-4 Condition 2
3	E, F-1, S-1, M
4 (Lowest Hazard)	A-5, B, F-2, R-3, R-4 Condition 1, S-2, U, <u>IRC-1, IRC-2, IRC-3, IRC-4</u>

(a) IRC-1, IRC-2, IRC-3, and IRC-4 occupancy classifications are included only to determine relative hazard level where buildings regulated by Minnesota Rule 1309 are converted to buildings regulated by Minnesota Rule 1311 in a change of occupancy. See part 1300.0070, subpart 12b, for occupancy classifications. When the use of a portion of a building is classified under Minnesota Rules Chapter 1311, the entire building shall be classified under Minnesota Rules Chapter 1311 and Minnesota Rules Chapter 1309 no longer applies to any part of the building.

MR 1311 Table 1011.7

Exterior Wall Exposure Hazard Categories

Table 1011.7 Exterior Wall Exposure Hazard Categories	
Relative Hazard	Occupancy Classification ^(a)
1 (Highest Hazard)	H
2	F-1, M, S-1
3	A, B, E, I, R
4 (Lowest Hazard)	F-2, S-2, U, <u>IRC-1, IRC-2, IRC-3, IRC-4</u>

(a) IRC-1, IRC-2, IRC-3, and IRC-4 occupancy classifications are included only to determine relative hazard level where buildings regulated by Minnesota Rule 1309 are converted to buildings regulated by Minnesota Rule 1311 in a change of occupancy. See part 1300.0070, subpart 12b, for occupancy classifications. When the use of a portion of a building is classified under Minnesota Rules Chapter 1311, the entire building shall be classified under Minnesota Rules Chapter 1311 and Minnesota Rules Chapter 1309 no longer applies to any part of the building.

MR 1311 Section 506 & 1001 IRC-1 to R-3 Change of Use

506.1.2 State licensed facilities.

When a building or space undergoes a change of occupancy to a State licensed facility as defined by Minnesota Statute 326B.103 from Minnesota Rules Chapter 1309, the *Minnesota Residential Code*, it shall be reclassified to an occupancy classification in Minnesota Rules Chapter 1305, the *Minnesota Building Code*, and shall comply with Section 1001.2.2.2.

1001.2.2.2 State licensed facilities.

When a building or space undergoes a change of occupancy to a State licensed facility as defined by Minnesota Statute 326B.103 from Minnesota Rules Chapter 1309, the *Minnesota Residential Code*, it shall be reclassified to an occupancy classification in Minnesota Rules Chapter 1305, the *Minnesota Building Code*, and the provisions of Section 1002 through 1011 shall apply.

MR 1311 Section 804.8 Dead End Corridors

Table 1104.18 (From the Fire Code)- Common Path, Dead-End and Travel Distance Limits

Occupancy	Common Path of Egress Travel		Dead-End Limit		Exit Access Travel Distance Limit	
	Unsprinkled (feet)	Sprinkled (feet)	Unsprinkled (feet)	Sprinkled (feet)	Unsprinkled (feet)	Sprinkled (feet)
A	75	20/75	20	20	200	250
B	75	100	50	50	200	300
E	75	75	20	50	200	250
F-1, S-1	75	100	50	50	200	250
F-2, S-2	75	100	50	50	300	400
H-1	25	25	0	0	75	75
H-2	50	100	0	0	75	100
H-3	50	100	20	20	100	150
H-4	75	75	20	20	150	175
H-5	75	75	20	20	150	200
I-1	75	100	20	50	300	400

MR 1311 Section 804.8 Dead End Corridors

Table 1104.18 (From the Fire Code)- Common Path, Dead-End and Travel Distance Limits (continued)

Occupancy	Common Path of Egress Travel		Dead-End Limit		Exit Access Travel Distance Limit	
	Unsprinkled (feet)	Sprinkled (feet)	Unsprinkled (feet)	Sprinkled (feet)	Unsprinkled (feet)	Sprinkled (feet)
I-1	75	100	20	50	300	400
I-2	Notes d, e, f	Notes d, e, f, j	30	30	150	200
I-3	100	100	50	50	150	200
I-4	NR	NR	20	20	200	250
M	75	100	50	50	200	250
R-1	75	75	50	50	200	250
R-2	75	125	50	50	200	250
R-3	75	125	20	20	200	250
R-4	75	125	20	20	200	250
U	75	100	20	20	300	400

MR 1311 Section 804.8 Dead End Corridors

- d. Separation of exit access doors within a care recipient sleeping room, or any suite that includes care recipient sleeping rooms shall comply with Section 1105.5.6.

1105.5.6: Joints in corridors must be filled with an approved material to limit the passage of smoke.

- e. In smoke compartments containing care recipient sleeping rooms, and treatment rooms, dead-end corridors shall comply with Section 1105.6.5

1105.6.5 In areas where corridors are used for movement of patients in beds, the clear width of the corridor shall be not less than 48 inches.

- f. In Group I-2 Condition 2, care recipient sleeping rooms or any suite that includes care recipient sleeping rooms shall comply with Section 1105.7.

Minnesota Rule 1341 Accessibility

- Adult changing facilities – discussion in special ed
- 30 x 48 clear floor space is changing to 30 x 54
- Turning circles enlarged to 67”
- Tee turn has three different shapes and sizes as Tee. One with chamfer corners as an option.

University of New York, Buffalo, studied anthropomorphic data and found that femurs are larger, and larger mobility devices and turning spaces are needed.

Minnesota Rule 1341 Accessibility

- Clear floor space holds to the current size in Type B units.
- Lots of exceptions for alterations to existing buildings.
- Modifying the A117.1 definition of an existing building.
- Coordinating accessible toileting and bathing and assisted toileting and bathing requirements with Minnesota Department of Health (MDH) for assisted living, nursing homes and rehab centers.
- Assisted toileting and bathing meets the requirements of a Type B unit.



Minnesota Rule 1346 Mechanical & Fuel Gas Code

- 2024 IMC & IFGC will apply to new work scoped to MR 1305 and 1311.
- Chapters 12-24 of the IRC will form the residential mechanical provisions.
- Added a reference to 326B.106, subdivision 17 regarding new EPA approved refrigerants not listed in the IMC.
- Deleting the duct sealing exception with reference to energy code.
- Added an amendment to provide information on 6 or more vehicles as referenced in MNOSHA for commercial parking facilities.
- Replaced the Minnesota amendment regarding permanent ladders for HVAC equipment with IBC language for ship ladder access.

Minnesota Rule 1346 Mechanical & Fuel Gas Code

- Reviewed model code language for balancing and added a Minnesota amendment for hydronic balancing, consistent with current code.
- Added language for airflow amounts on existing unlisted Type I hoods for commercial kitchens.
- Review of model code language regarding cooling of make-up air for commercial kitchens.
- Reviewing the ground source loop language with MDH for enforcement and materials.
- Reviewing 1346.5101 subpart 5, Item 13 removing the exemption for Temporary LP gas piping.



Structural Provisions Coordination

- Adopting the ASCE 7 Hazard Tool at <https://asce7hazardtool.online/> to establish ground snow loads for designing structures for more accurate site-specific ground snow loads based on current data.
- Deleting all the current structural amendments to the Minnesota Conservations Code for Existing Buildings.



Structural Provisions Coordination

- Adopting tornado loads for the design and construction of Risk Category III and IV structures located in the tornado-prone regions of Minnesota.
- Updating M.R. 1303.1600 Footing Depth for Frost Protection based on ASCE 32 – 01 and more current climate data.



Minnesota Rule 1323 Commercial Energy

Minnesota Rule 1323 TAG Commercial Energy Code

- Will be evaluating 2022 ASHRAE 90.1 with strengthening amendments to meet the legislative goal targeting 20% efficiency improvements this cycle.
- Timing: March – December 2025
- Next Commercial Code: Q3 2026



Legislative acceleration of Residential Energy Code

- New 2038 goal: 70% efficiency improvement over 2006 IECC baseline for residential Energy.
- CSBR determined that this goal maximizes the practical efficiency.
- Energy production on homes will NOT be required by the code.
- Focus on efficiency, not carbon reduction, so not fuel sensitive.



Minnesota Rule 1322 Residential Energy

Minnesota Rule 1322 TAG Residential Energy Code

- Timing: January 2025 – August 2025
- Next Res Energy Code: Q2 2027
- TAG will be evaluating the 2024 IRC Chapter 11 with strengthening amendments to meet the legislative goal targeting 7% efficiency improvements over the 2024 model code this cycle.





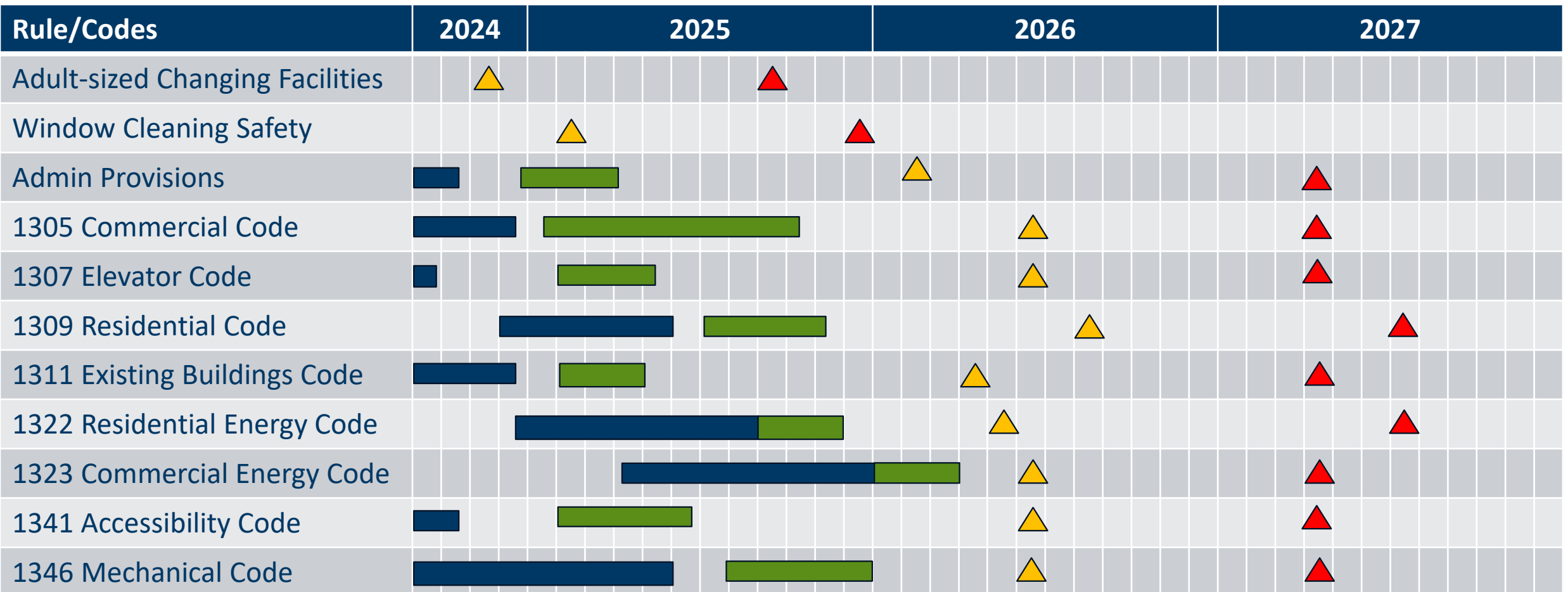
Single Exit Stairway Apartments: Safety Study

DLI is charged with evaluating conditions under which single exit stairway apartment buildings up to 75 feet would achieve life safety outcomes equal or superior to currently adopted codes that regulate similar buildings.

- Study due to the Legislature by Dec. 31, 2025
- Legislation provides a non-exhaustive required stakeholder list.
- DLI will contract with a university that provides a degree program in fire protection engineering to lead the study, work with the TAG, and prepare a final report.



CCLD timeline of code changes*



Notice of Adoption Date



Enforcement Date



TAG Meetings



Rule Writing & SONAR

* See Disclaimer on Slide 2



Questions

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