

Construction Codes Advisory Council





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Department Update Deputy Commissioner Perushek



**DEPARTMENT OF
LABOR AND INDUSTRY**

CONSTRUCTION CODES AND LICENSING

CCLD Division Update

- Building Official Training Grants
- CCLD Rulemaking Updates

Building Official Training (BOT) Grants Program

BOT Grants Program

(8) Grants available, \$65,000 each

(5) Applicants in RFP 1 process

(5) Grants awarded

- Moorhead
- Sartell
- Shakopee
- St. Paul
- Worthington

RFP 2 Applications Due March 1, 2024

Goal: Award (3) remaining grants



CCLD Rulemaking Update

- Building Official Training Grants
- CCLD Rulemaking Updates
 - Adult-sized Changing Facilities
 - Electric Vehicle Charging Facilities for Commercial Buildings
 - Window Cleaning Safety
 - Residential Energy Code TAG



**DEPARTMENT OF
LABOR AND INDUSTRY**

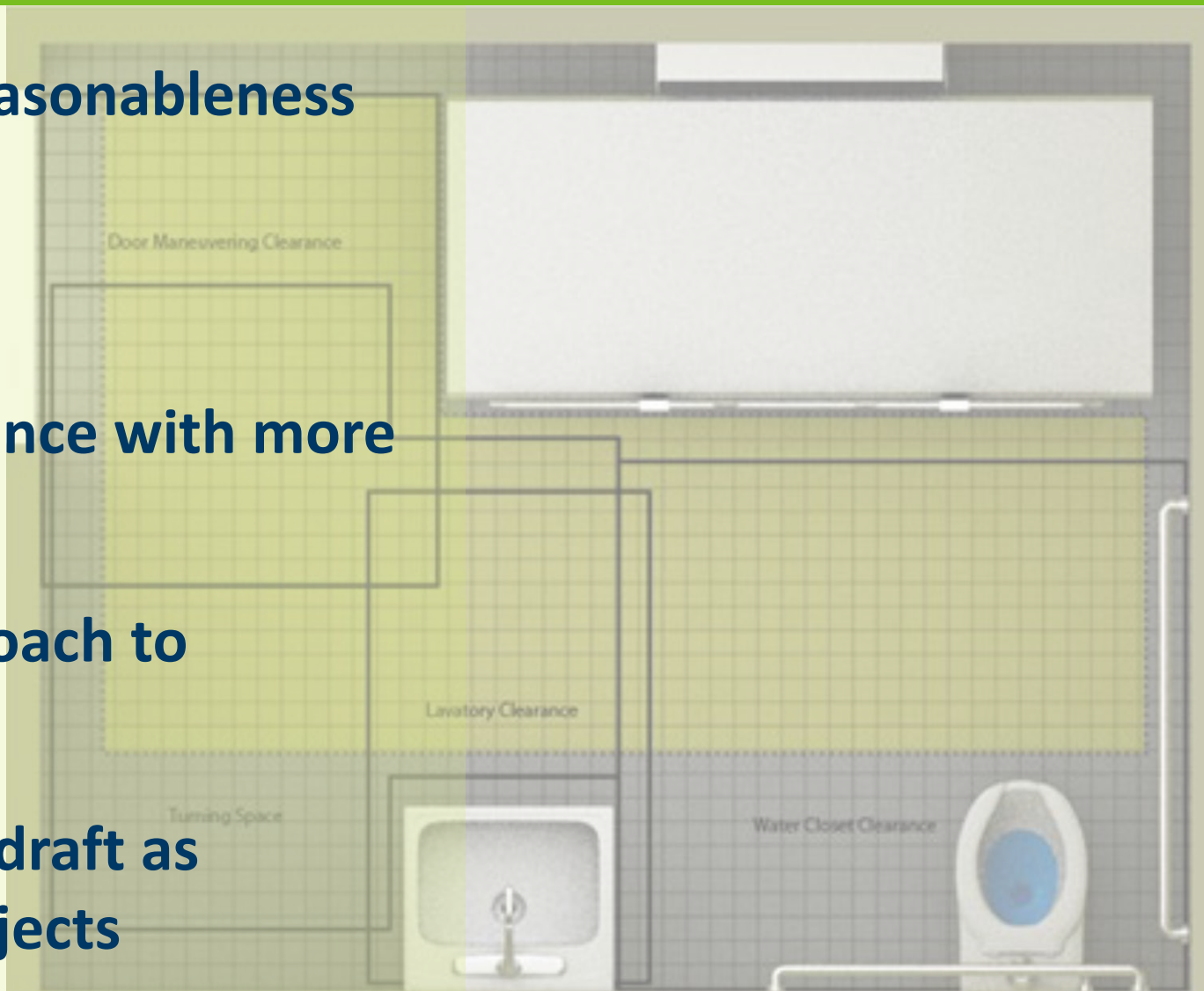
CONSTRUCTION CODES AND LICENSING

Briefing: Adult Changing Facilities

Karen Gridley | State Accessibility Code Specialist

Proposed Adult Changing Facilities Update

- **Mini Statement of Need and Reasonableness (Mini-SONAR) being developed**
- **Undergoing editorial review**
- **HGA provided additional assistance with more detailed cost estimate**
- **MnDOT taking a proactive approach to implementation**
- **Some architects requesting the draft as guideline for use on current projects**





**DEPARTMENT OF
LABOR AND INDUSTRY**

CONSTRUCTION CODES AND LICENSING

Briefing: Window Cleaning & Electric Vehicle Charging

Greg Metz | State Building Official

Window Cleaning Safety



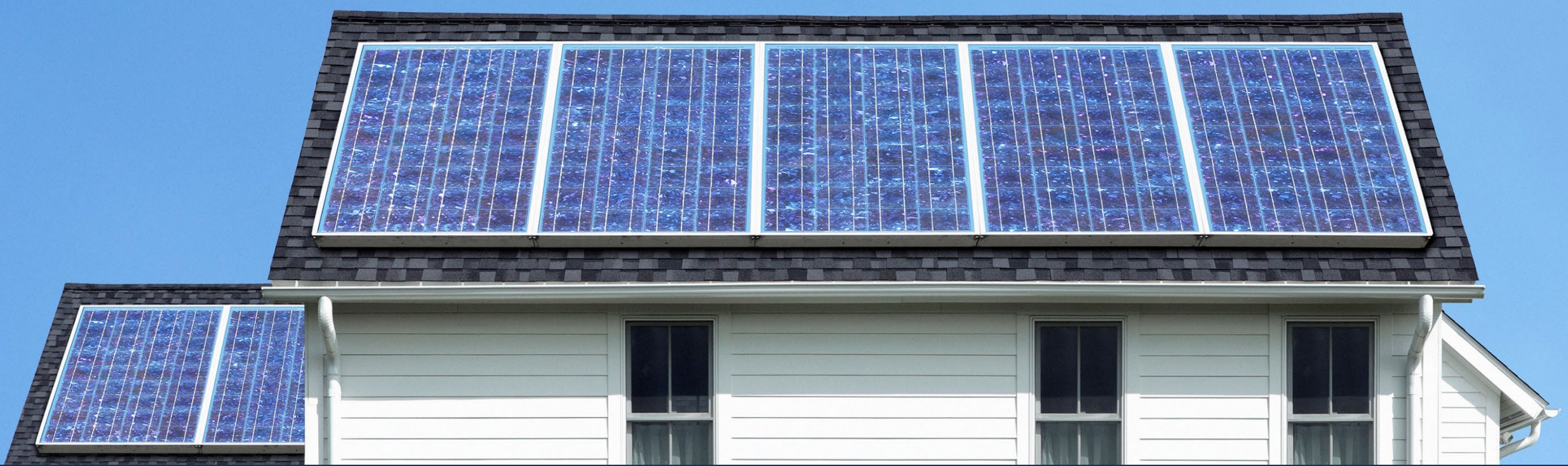
- 30 Day public comment period is over on March 6th.
- SEIU 26 has concerns about not requiring roof anchors. DLI will be meeting with them on March 8 to discuss and negotiate final rule language to avoid new legislation.
- Still targeting this fall for implementation.
- DLI/CCLD will cluster changes to Window Cleaning and Adult Changing Facility requirements into a consolidated bulletin



Electric Vehicle Charging Facilities

- Normal rulemaking. This will be incorporated into the NEXT MN Commercial Energy Code. Fall 2026.
- Language will also be incorporated into the Minnesota Electrical Code.
- The MR 1305 Commercial Building Code TAG will also consider other potential safety features for indoor charging.
- Coordinating with DPS.





Residential Energy Code TAG Update

Steve Shold | Energy Conservation and Sustainability Specialist

steve.shold@state.mn.us

651-284-5312

Represented by:

- Energy Advocacy
- MN AIA
- Housing First, MN
- Public Interest & Energy Conservation
- Small Developers
- Practical Engineering Applications
- Builders Association of MN (BAM)
- Home Builders
- Residential Energy Conservation Advocacy
- Building Officials
- CCLD Staff

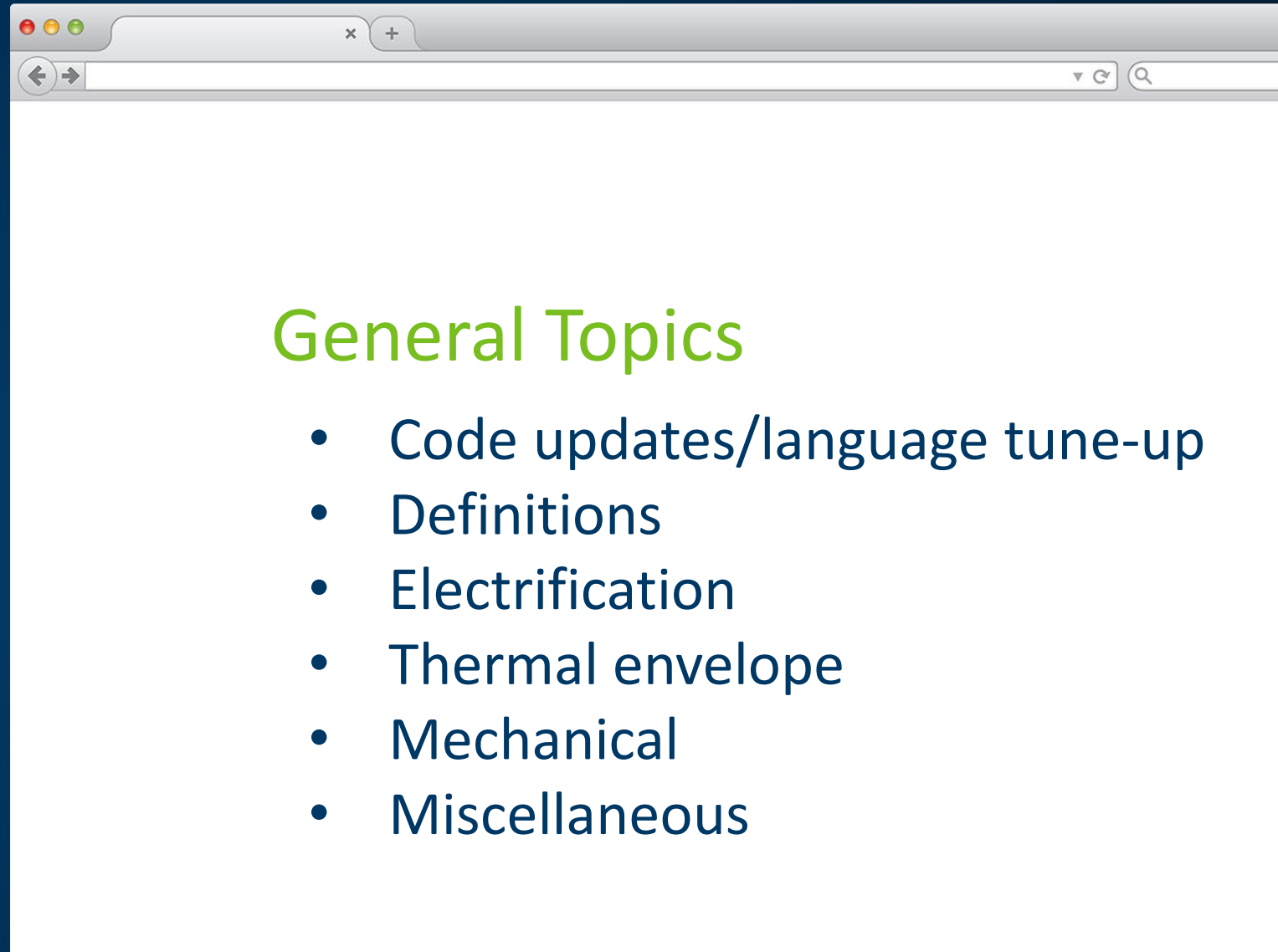


Meetings

- First Meeting 8/7/23
- (15) meetings to date
- 32 hours of meeting time

Proposals

- 37 Proposals reviewed.
- 8 Revisions reviewed.
- 16 proposals from CCLD staff.
- Proposals:
 - 22 supported,
 - 16 unsupported,
 - 1 neutral.
 - (simple majority poll)



General Topics

- Code updates/language tune-up
- Definitions
- Electrification
- Thermal envelope
- Mechanical
- Miscellaneous

Eagerly anticipating 2024 codes...

- CCLD staff will compare 2021 IECC-R vs 2024 IRC Chapter 11.

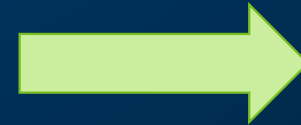


Sunsetting our biweekly meetings for now...

326B.118 ENERGY CODE.

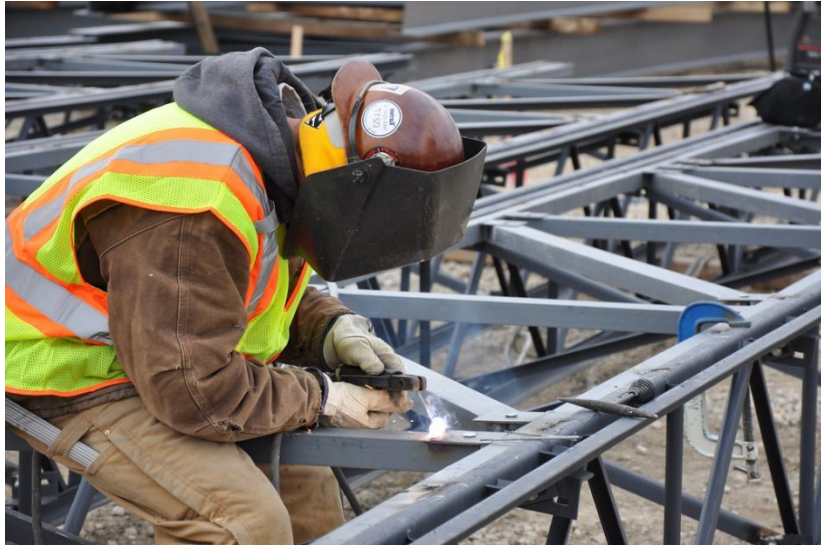
The commissioner, in consultation with the Construction Codes Advisory Council, shall explore and review the availability and appropriateness of any model energy codes related to the construction of single one- and two-family residential buildings. In consultation with the council, the commissioner shall take steps to adopt the chosen code with all necessary and appropriate amendments.

The commissioner may not adopt all or part of a model energy code relating to the construction of residential buildings without research and analysis that addresses, at a minimum, air quality, building durability, moisture, enforcement, enforceability cost benefit, and liability. The research and analysis must be completed in cooperation with practitioners in residential construction and building science and an affirmative recommendation by the Construction Codes Advisory Council.





CCLD Legislative Updates



New Business

2024 Model Code Cycle: Technical Advisory Groups

MN Rules 1300, 1301, 1302, 1303: Admin & MN Provisions

Name	Role	Organization	Representing
Greg Metz	TAG Leader	DLI/CCLD	State of Minnesota
Paul Swett	TAG Co-Leader	DLI/CCLD	Code Services Admin
Scott Anderson	Municipal Code Compliance	Minneapolis Construction Code Services	Large Municipalities
David Selinsky	Design Professional- Architect	ISG Architects & Engineers	MN AIA
Arlen Madsen	Municipal Code Compliance	City of Eagen	10k Lakes Chapter of Building Officials
Jerry Backlund	Minnesota Building Officials	City of Hastings	AMBO
Tyler Krahn	Municipal Code Compliance	City of Rochester	AMBO
Lonnie Johnson	Municipal Code Compliance	City of Hastings	AMBO
Mike Swanson	Residential Builder	Brandl-Anderson Homes	Housing First
Jared Ellingson	Assistant Building Official	University of Minnesota	Institutions

MN Rule 1305: Commercial Building Code

Name	Role	Organization	Representing
Ryan Rehn	TAG Leader	DLI/CCLD	State of Minnesota
Britt McAdamis	TAG Co-Leader	DLI/CCLD	Code Services Admin
Scott Anderson	Municipal Code Compliance	Minneapolis Construction Code Services	Large Municipalities
Gerhard Guth	Design Professional- Architect	HGA	CCAC- Design Professionals
Steve Ubl	Minnesota Building Officials	City of St. Paul	10k Lakes Building Officials & FMAM
Larry Ferris	Minnesota BO-Design Firm	BO for Design Firm	AMBO
Forrest Williams	Minnesota Fire Official	Fire Marshalls Office	State of Minnesota
Gerald Norman	Minnesota Building Officials	City of Rochester	AMBO
Tara Ketchum	Design Professional- Architect	AIA	Design Professionals
Clayton Talbot	Commercial Plan Reviewer	University of Minnesota	Post Secondary Ed.
Dori Dufresne	Commercial Plan Reviewer	University of Minnesota	Post Secondary Ed.

MN Rule 1305/7511: Building Code/Fire Code Coordination

Name	Role	Organization	Representing
Ryan Rehn	TAG Leader	DLI/CCLD	State of Minnesota
Britt McAdamis	TAG Co-Leader	DLI/CCLD	Code Services Admin
Vince DiGiorno	Licensed Design Professional	KOMA Inc.	MN AIA
Scott Oswald	Licensed Design Professional	IGH Architects & Engineers	FMAM
Jim Williamette	Municipal Code Compliance	City of St. Paul	10k Lakes Building Officials & FMAM
Steve Ubl	Minnesota Building Officials	City of St. Paul	10k Lakes Building Officials
Forrest Williams	Minnesota Fire Official	Fire Marshalls Office	State of Minnesota
Dean Mau	CCLD Fire Safety Plan Reviewer	DLI/CCLD	State of Minnesota
Gerald Norman	Minnesota Building Officials	City of Rochester	AMBO

MN Rule 1307: Elevator Code

Name	Role	Organization	Representing
Jim Weaver	TAG Leader	DLI/CCLD	State of Minnesota
Mark Sneep	TAG Co-Leader	DLI/CCLD	State of Minnesota
Mark Kenny	Code Compliance	City of St. Paul	Large Municipalities
Travis Hegg	Manufacturer Rep.	Otis Elevator	National Elevator Industry Incorporated
David Selinski	Licensed Design Professional	ISG Architects & Engineers	MN AIA
Todd King	Elevator Consultant- Owners	VDA	BOMA
Troy Tillerias	Elevator Industry Management	Schumacher Elevator	Elevator Assn. of MN
Ryan Parkos	Business Manager/Labor	Union Local #9	Workers

MN Rule 1309: Residential Building Code

Name	Role	Organization	Representing
TBD	TAG Leader	DLI/CCLD	State of Minnesota
Terence Olson	TAG Co-Leader	DLI/CCLD	State of Minnesota
Kyle Thrapp	Licensed Design Professionals	McMonigal Architects	Minnesota AIA
Nathan Weber	Municipal Code Compliance	City of Detroit Lakes	NW Chapter of BO's
Keith Demarest	Minnesota Building Officials	City of Anoka	10K Chapter of BO's
Steve Kartak	Minnesota Building Officials	City of Eden Prairie	10K Chapter of BO's
Lisa Hartwig	Minnesota Building Officials	City of Minneapolis	10K Chapter of BO's
Greg Olson	Minnesota Building Officials	ProEd Resources	SEMCO
Curtis Johnson	Builders Associations	Housing First	MN Builders

MN Rule 1311: Conservation Code for Existing Buildings

Name	Role	Organization	Representing
Mike Bunnell	TAG Leader	DLI/CCLD	State of Minnesota
Wendy Rannenberg	TAG Co-Leader	DLI/CCLD	State of Minnesota
Scott Anderson	Municipal Code Compliance	Minneapolis Construction Code Services	Large Municipalities
Whitney Lougheed	Design Professional- Architect	JLG Architects	MN AIA
Lisa Consie	Municipal Code Compliance	City of Duluth	FMAM
Jerry Backlund	Minnesota Building Officials	City of Hastings	AMBO
Greg Karow	Municipal Code Compliance	Independent Building Official	SEMCO
Clayton Talbot	Commercial Plan Reviewer	University of Minnesota	Post Secondary Ed.

MN Rule 1341: Minnesota Accessibility Code

Name	Role	Organization	Representing
Karen Gridley	TAG Leader	DLI/CCLD	State of Minnesota
Lee Gladitsch	TAG Co-Leader	DLI/CCLD	State of Minnesota
Haidee Tan	Licensed Design Professionals	AIA	AIA
Dave Matthews	Minnesota Building Officials	City of Lakeville	10K Chapter of BO's
David Fenley	Accessibility Specialist		MN Council on Disability
Mara Peterson	Accessibility Specialist / CCAC		CCAC
Chris Machmer	Minnesota Building Officials	City of Duluth	Arrowhead Chapter BO's
Dori Dufresne	Commercial Plan Reviewer	University of Minnesota	Post Secondary Ed.

MN Rule 1346: Minnesota Mechanical & Fuel Gas Code

Name	Role	Organization	Representing
Chris Rosival	TAG Leader	DLI/CCLD	State of Minnesota
Tim Manz	TAG Co-Leader	DLI/CCLD	State of Minnesota
Jennifer Books	Licensed Design Professionals	BWBR Architecture	AIA
Kevin Johnson	Minnesota Building Officials	City of St Cloud	Mechanical Inspectors
Lewis Johnson	Industry	Code Specialist	ASHRAE
Kirk Luthe	Minnesota Building Officials	City of Rochester	AMBO
Mario Salute	Trade Union Representative	City of St Paul	Sheet Metal Workers Local #10
John Smith	Mechanical Engineer	American Council of Engineering Companies of MN	Mechanical Industry
Brian Stemwedel	Minnesota Building Officials	City of Golden Valley	10K Chapter of BO's
Troy Burger	Mechanical Inspector	University of Minnesota	Institutional Uses

Structural Review

Name	Role	Organization	Representing
Dan Kelsey	TAG Leader	DLI/CCLD	State of Minnesota
Wendy Rannenberg	TAG Co-Leader	DLI/CCLD	State of Minnesota
John Timm	Licensed Design Professionals	BKBM Architecture	AIA, ACEC, MnSEA
Craig Oswell	Minnesota Engineer	Oswell Engineering	BAMN
Christopher Kehl	Minnesota Engineer	Braun Intertec	ACEC, MnSEA
Eric Boyd	Building Performance	Arcxis	Housing first
Kyle Dimler	Minnesota Building Officials	City of Hutchinson	AMBO
Randy Johnson	Minnesota Building Officials	City of Maplewood	AMBO

A copy of this presentation can be found on
the CCAC's webpage

<http://www.dli.mn.gov/about-department/boards-and-councils/construction-codes-advisory-council>

Rep. Rehm: Presenting HF3439 Residential EV Charging

326B.106 subdivision 16: Electric vehicle charging. The code shall require a minimum number of electric vehicle ready spaces, electric vehicle capable spaces, and electric vehicle charging stations wither within or adjacent to new commercial and multi-family structures **and all new residential buildings** that provide on-site parking facilities.

~~Residential structures with fewer than four dwelling units are exempt from this subdivision.~~



Rep. Lucy Rehm (48B)

Rep. Kraft: Presenting Residential Energy Code Reform

(g) Beginning in 2026, the commissioner shall act on the new model residential energy code by adopting each new published edition of the IECC or a more efficient standard. The residential energy code in effect in 2036 and thereafter must achieve an 80% reduction in annual energy consumption or greater, using the 2006 IECC Site EUI for Minnesota as published by the US DOE, Building Energy Codes Program as a baseline. The commissioner shall adopt residential energy codes from 2026 to 2036 that incrementally move toward achieving the 80% reduction in annual energy consumption,

(continued)



Rep. Larry Kraft (46A)

Rep. Kraft: Presenting Residential Energy Code Reform

(continued) with each update achieving 15% of the difference in annual net energy consumption between the 80% target and the code effective on December 31, 2024. Requirements must be adopted such that electricity-only and mixed-fuel only buildings attain the same site energy use intensity (EUI_{site}). By January 15 of the year following each new code adoption, the commissioner shall make a report on progress under this section to the legislative committees with jurisdiction over the energy code.

Rep. Kraft: HF 4241 Statewide Building Code Enforcement

326B.106 subdivision 2 (b): **Municipal Enforcement.** ~~If~~ No later than Jan 1, 2030, a municipality that is not required by paragraph (a) to administer and enforce the State Building Code (SBC), ~~the municipality may chose to administer and enforce the SBC within its jurisdiction by adopting~~ must adopt the code by ordinance and must administer and enforce the SBC with in its jurisdiction. (continued)



Rep. Larry Kraft (46A)

Rep. Kraft: HF 4241 Statewide Building Code Enforcement

(c): Except in a municipality which has by ordinance adopted the SBC within its jurisdiction, or in a municipality with a population less than 2,500, every new residential construction requiring a permit pursuant to Minnesota Rules, part 1300.0120, must be inspected by the commissioner for compliance with the SBC.



Rep. Larry Kraft (46A)

Rep. Kraft: Presenting HF3351 Single Stairway Apartments

326B.106 subdivision 18: Minimum number of exit stairways. The commissioner shall adopt rules, using expedited rulemaking process in section 14.389, modifying the State Building Code to allow a single exit stairway to serve nontransient multifamily residential structures that have an occupiable floor or roof not more than 75 feet above the lowest level of fire department vehicle access.



Rep. Larry Kraft (46A)

Rep. Kraft: Presenting HF3351 Single Stairway Apartments

The first floor of such buildings may be used for a purpose other than residential as long as that use is classified as a nonhazardous occupancy and is served by entrances that are separate from those serving the residential floors. These modifications must include consideration for adequate and available water supply for fire sprinkler systems, the presence and response time of a professional fire department, and any other provisions necessary to ensure public health, safety, and general welfare. These modifications must be made by July 1, 2026.